

B259

CATALOGUE

OF THE

BOOKS IN THE LIBRARY

OF THE

MANCHESTER

LITERARY AND PHILOSOPHICAL SOCIETY.

FRANCIS NICHOLSON,

Hon. Librarian.

MANCHESTER :

T. SOWLER & Co., PRINTERS, RED LION STREET, ST. ANN'S SQUARE.

1875.

(2)YHRA.4486

(2)

WPA.4486



22501267063

CATALOGUE
OF THE
BOOKS IN THE LIBRARY
OF THE
MANCHESTER
LITERARY AND PHILOSOPHICAL SOCIETY.

FRANCIS NICHOLSON,

Hon. Librarian.

MANCHESTER :

T. SOWLER & Co., PRINTERS, RED LION STREET, ST. ANN'S SQUARE.

1875.

(2)

YHRA. 4-486

INDEX.

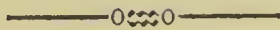
| | |
|-----------------------------------|-----|
| AGRICULTURE | 79 |
| ARCHITECTURE AND ARCHÆOLOGY | 87 |
| ASTRONOMY | 91 |
| BOTANY | 129 |
| CATALOGUES..... | 83 |
| CHEMISTRY | 31 |
| ENGINEERING, &c. | 71 |
| GENERAL SCIENCE | 1 |
| GEOGRAPHY AND TRAVELS..... | 49 |
| GEOLOGY, &c. | 135 |
| HISTORY AND BIOGRAPHY | 61 |
| HYDRAULICS AND DYNAMICS | 55 |
| MAGNETISM AND ELECTRICITY | 109 |
| MATHEMATICS | 147 |
| METEOROLOGY | 101 |
| MICROSCOPICAL | 57 |
| MISCELLANEOUS | 165 |
| NATURAL HISTORY | 113 |
| OPTICS | 53 |
| PATENTS | 161 |
| PHARMACY | 37 |
| PHOTOGRAPHY | 59 |
| STATISTICS | 45 |



Digitized by the Internet Archive
in 2016

<https://archive.org/details/b24853872>

GENERAL SCIENCE.



- E 1** Aanteekeningen, van het Verandelde in de Sectie, Vergaderingen van het provinciaal Utrechsch Genootschap van Kunsten en Wetenschappen.
Utrecht, 1845-52
in de sectie, voor natuur en Geneeskunde.
„ 1852-72
„ voor Letterkunde en Wijsbergeerte.
„ 1852-72
„ Regtsgeleerdheid en Staatswetenschappen.
„ 1853-72
- E 1** Aarsberetning, det konilege Norske Fredericks Universitet for Aaret.
2 vols. (*with* Gaver til Bibliothek)
Christiana, 1863-7
- E 4** Abhandlungen, physikalische, der k. Akademie der Wissenschaften zu Berlin (1858-73).
Berl. 1710-1870, 1822-72
- E 4** — der kön. Gesell, der Wissenschaften zu Göttingen.
Vol. xiv.—xix. Götting. 1868-74
- E 5** — der k. Sächsischen Gesellschaft der Wissenschaften.
Philologisch-Historischen classe.
Vol. i.—vi. Leipz, 1850-73
Mathematisch-Physischen classe.
Vol. i.—ix. „ 1852-73
- E 1** — physikalische, der Gesellschaft der Wissenschaften zu Manchester.
B. i.—ii. Leipzig, 1788
- E 2** — der Churfürstlich Baierischen Akademie der Wissenschaften.
B. i.—x. München, 1763-76
- E 2** — neue philosophische, der Baierischen Akademie der Wissenschaften.
B. i.—vii. München, 1778-97

- E 2** *Abhandlungen, physikalische, der k. Baierischen Akademie der Wissenschaften.*
Abth. 1, 2 München, 1803-6
- E 10** — der philosoph.-philologischen Classe der k. Bayerischen Akad. der Wissensch.
B. i.—xii. München, 1835-71
- E 11** — der k. Böhmisches Gesellschaft der Wissenschaften.
5^{to} Folge, Band ix.—xiv. Prag, 1857-66
6 „ „ i.—vi. „ 1868-73
- E 11** *Acta societatis scientiarum Indo-Neerlandicæ.*
Vol. i.—vii. Batav. 1856-60
- E 16** — *societatis scientiarum Fennicæ.*
Vol. i.—ix. Helsingf. 1842-71
- E 17** — *nova, regię societatis scientiarum Upsaliensis.*
Vol. ii.—xiv. Upal. 1775-1850
3d. Series, Vol. i.—viii. „ 1855-64
- E 16** — *Universitatis Lundensis.*
Vol. ii.—iv., vi., vii. Lund, 1865-71
- A 12** *Actes de l'Acad. Imp. de Bordeaux ; Vide Recueil.*
- E 1** *Adunanze, solenni, del reale istituto Lombardo di scienze e lettere.* Milano, 1864-68
- E 15** *Almanack der Kaiser, Akad. der Wissenschaften.*
Wien, 1866-73
- E 15** — *Magyar Tustom Akadémiai.*
2 Vols. 1869-72 Pesten
- E 1** *Analyse des travaux de la soc. royale des arts du Mans, depuis 1794 jusqu' à 1819.* Mans, 1820
- E 3** *Annales de l'Académie de la Rochelle.*
Pts. 4, 6, 7, 8—10, *with atlas.* La Roch. 1860-74
- E 1** — *de l'Auvergne.*
Vol. xix.—xxxi. Clermont, 1846-58
(*For contin. Vide mémoires.*)
- E 3** — *de la société d'emulation du département des Vosges.*
Vol. ix.—xiv. Epinal, 1855-72

- E 7** **Annales** de la société acad. de Nantes.
 Vol. iv.—vi., 1833-5.
 xi., 1841.
 xvi.—xxxiii, 1845-66. (*want* xix. 1)
- E 3** **Annuaire** de l'académie royale des sciences, &c., de Belgique.
 Yrs. 31 to 40. Brux., 1865—74
- E 3** ——— philosophique ; examen critique des travaux de physiologie, de metaphysique, et de morale, accomplis, dans l'année—par Louis Auguste Martin.
 Vol. iv. 2, 3, 5, 12 ; v. 1, 4, 6, 7, 11, 12 ; vi. (2—4. *wanting*.) Paris, 1867-70
- E 3** ——— del reale istituto Lombardo di scienze e lettere for 1864, 1866, 1868. Milan
- E 13** **Anzeigen**, gelehrte, herausg, von Mitgliedern der k. baier. Akad. der Wissensch.
 Vol. xxxviii.—l. München, 1854-60
- E 8** **Archief** van het Zeeuwsch genootschap der wetenschappen
 Vol. i.—vii. Middelb., 1856-73
- E 21** **Archives** du musée Tayler.
 Vol. i.—iii. (*Vol. i. incomplete.*) Haarl. 1867-74
- E 8** ——— Neerlandaises des sciences exactes et naturelles, publiées par la société Hollandais des sciences à Haarlem—1866-74.
 Vol. i.—ix. (*viii. incomplete.*) La Haye
- E 8** **Arnott** (N.) elements of physics.
 Lond. 1827
- E 8** **Arsskrift** utgifven af kongl. vetenskaps-societeten i Upsala.
 Vol. i.—ii., 1860-61.
- E 8** **Atlantis**, the ; a register of literature and science.
 Vol. i., ii., iii., 1. Lond. 1858-60
- E 22** **Atti** dell' academia Gioenia di scienze naturali de Catania.
 2d Ser. Vol. xx. Catania, 1865
 3d Ser. Vol. i.—iii., v., viii. „ 1867-73

- E 22** Atti dell' academia pontifica di Lincei.
Vol. i.—ii., xvii.—xxv. (*want* xxi.) Roma, 1864-72
- E 22** ——— dell' i. r. istituto Lombardo di scienze, lettere,
ed arti.
Vol. i.—iii. Milano, 1858-73
- E 9** ——— della reale accademia Lucchese di scienze, lettere,
ed arti.
Vol. i.—xix. Lucca, 1821-75
- E 15** ——— della fondazione scientifica Cagnola della sua
istituzione in Poi.
Vol. i.—iii. Milano, 1856-62
- E 23** ——— dell'accademia delli scienze fisiche e mathe-
matische.
Vol. i.—iv. Naples, 1863-73
- E 23** ——— della società reale di Napoli (1787).
- E 13** ——— della società Italiana di scienze naturali.
Vol. ii.—xv. Milano, 1863-72
- E 22** ——— della accademia di scienze e lettere di Palermo.
2d Ser. Vol. ii.—iii. 1853-9 Palermo
- E 14** ——— dell' i. r. istituto Veneto, &c.
3rd Ser. Vol. iv.—xvi. Venez., 1858-71
4th Ser. Vol. i. „ 1872
- E 15** Avogadro (A.), fisica de' corpi ponderabili.
2 vols. Torino, 1837-8
- E 25** Bache (A. D.) and McCulloh (R. S.), reports on sugar
and hydrometers. Washingt. 1848
- W 28** Bangma (O. S.) verhandeling over de driehoeksmeting.
Amst. 1808
- E 20** Bericht über die Verhandlungen der k. pr. Akad. der
Wissensch. zu Berlin.
Jahrg. 1836-55 Berl. 1860
(*with* gen. ind. for 1836-58)
- E 20** ——— monats.
Jahr 1856-74 (Index 1859-73)

- E 19** Bericht über die Wirksamkeit der polytechnischen Gesellschaft zu Berlin.
Vol. i.—vii. (*with gen. ind.*) Berl. 1845-51
- E 19** — über die Verhandlungen der k. Sächsischen Gesellschaft der Wissensch. zu Leipzig.
philol. histor. Classe, Jahrg. 1849-72.
- E 25** — über die Arbeiten der k. bayrischen Akad. d. Wissensch.
Vol. i.—iv. München, 1807-11
- E 25** — Sitzungs, der k. bayer. Akad. der Wissensch. zu München
1860-73
(Index 1860-70.)
- E 26** — Sitzungs, der k. Böhmisches Gesellsch. der Wissensch.
Prag, 1859-73
- E 27** — des Vereins der Aertze in Steiermark.
2 vols. 1863-70. Gratz, 1865-70
- E 26** Berichten-levens der afgestorvene medeleden van de Maatschappij der Nederlandsche letterkunde. Leiden
(*with* Bijlage tot de Handelingen, 1864-71, 74)
- Y** Bibliotheque universelle de Genève :—
Agriculture. Vol. x.—xiv. Genève, 1825-9
Sciences et Arts. Vol. xxviii.—xlvi. „ 1825-30
Literature. Vol. xxviii.—xlvi. „ 1825-30
Archives des sciences physiques et naturelles.
Vol. i.—xxi. „ 1846-52
Archives des sciences, &c.
Vol. xvi.—xlvi. „ 1863-73
- E 27** Bidrag till kännedom om Finlands natur och folk, utgifna af Finska vetenskapsocieteten.
Vol. i.—xxiii. (*want* xx.) Helsingfors, 1858-73
- X 10** Bijblad tot het Tijdschrift de Volkslijst.
(*See* *Volkslijst.*) Haarlam, 1859-66
- E 27** Biot (J. B.), traité de physique.
4 vols. Par. 1816
- E 27** — précis élémentaire de physique expérimentale.
2d. ed., 2 vol. Par. 1821

- E 28 Blatt, Kunst-und Gerwerbe., des polytechnischen Vereins für das Königreich Bayern.
Jahrg. xxvii.—liv. 1841-68 München
- E 27 Blom (P. J.), over het kwaad-hoofdzeer.
Utrecht, 1839
- E 27 Boon (A. van der), geschiedenis der ontdekkingen in de ontleedkunde van den mensch, gedaan in de Noordelijke Nederlanden.
Utrecht, 1851
- E 27 Brown (A.), philosophy of physics.
Redfield, 1854
- E 31 Bulletin de la société Algerienne de climatologie, sciences physiques et naturelles.
In 2 vols., 1866—69 Alger
(want 1867—1, 2, 3)
- E 31 — de la société des sciences, &c., de l'Yonne.
Vol. xviii.—xxviii. Auxerre, 1864-75
- E 31 — de la société philomatique de Bordeaux.
1856—63 (1 no.) 1864. Bordeaux
- F 1 — de l'académie royale des sciences et belles lettres de Belgique.
Vol. i.—xxiii., 1832—56 (*with* gen. ind. ii.—xx. 1858.) Bruxelles
2d Series, Vol. i.—xxxvi., 1867-73 "
(*with* Centième anniversaire de fondation
Vol. i.—ii., 1772-1872.)
- E 32 — de la société Linnéenne de Normandie.
Vol. i.—iv., vi.—viii. Caen, 1856-64
- E 32 — de la société d'études scientifiques et archéologiques de la ville de Draguignan.
Vol. i., iv. (i. *wants* 4), (iii. *wants* 8) 1856-63
- E 32 — de l'institut national Genevois.
Vol. i.—xviii. Genève, 1853-73
- E 33 — de la société Vaudoise des sciences naturelles.
2d. Ser. Vol. i.—xii.
Ind. i.—x. Lausanne, 1846-74
(Vol. iii. *incomplete*).

- A 12** Bulletin de la société des sciences naturelles du Grand-Duché de Luxembourg. (*See publications.*)
Vol. v.—ix. 1862-7
- F 5** — de la société industrielle de Mulhouse.
Vol. i.—xxxiv., 1836-64 (*with gen. ind. to Vol. i.—xxv.*)
- E 33** — der k. Akademie der Wissenschaften.
Jahrg, 1847-53 München.
- E 33** — de la soc. des sciences naturelles de Neuchatel.
Vol. ii.—ix. 1852-73
- E 34** — scientifique publié par l'acad. imp des sciences de Saint-Petersbourg.
Vol. i.—x. 1835-41
- E 34** — de l'acad. imp. des sciences de St. Pétersbourg.
Vol. i.—xviii. 1860-73
- E 32** — de la société des sciences naturelles de Strasbourg.
Vol. i. (*wants pt. 1*) ii. Strasbourg, 1867-8
- E 32** — of the Essex Institute.
Vol. i.—v. Salem, 1869-73
- E 31** — of the Minnesota academy of natural sciences.
for 1874. Minneapolis, 1874
- G 1** Cavallo (T.), elements of natural or experimental philosophy.
4 vols. Lond. 1803
- F 7** Chronicle Gardeners'.
1841-70 London
- G 1** Choix de pièces lues aux séances de l'acad. de la Rochelle, section de littérature
No. 9. La Rochelle, 1863
- G 1** Cimento, il nuovo.
Vol. i.—ii. Pisa, 1855
- G 1** Codex diplomaticus Lusatiae superioris.
Vol. i., 2d ed. Görl. 1856

- G 1 **Collection** of letters illustrative of the progress of science in England from Elizabeth to Charles 2nd, ed. by J. O. Halliwell (Hist. Soc. of Science).
Lond. 1841
- G 1 ———, Smithsonian miscellaneous.
Vol. i.—xii. Washington, 1862-74
- G 6 **Commentarii** academiæ scientiarum imper. Petropolitanae.
Vol. i.—x. Petrop. 1728-47
- E **Comptes rendus** des séances de l'académie des sciences.
Vol. i.—xxxii., Par. 1835-50, *with* gen. ind. Par. 1853
Vol. xxxii.—lxxix. (*wants* lxvii.) „, 1851-70
Suppl. Vol. i.—ii., Par. 1851-66.
- G 1 ——— ——— de la session de la société Suisse, des sciences naturelles. Lausanne, 1861
- G 6 ——— annuels par le directeur de l'observatoire physique central.
année 1850-64. 1 vol. (*wants* 1851)
St. Pétersb. 1851-64
- G 6 ~~Smithsonian~~ Contributions, Smithsonian, to knowledge.
Vol. i.—xix. Washington, 1848-74
- G 6 **Corpo** diplomatico Portuguez, publicado de ordem da academia real das sciencias de Lisboa por L. A. Rebello Da Silva
Vol. i. Lisboa, 1862
- G 1 **Cosmos**, revue, &c.
Vol. xviii.—xix. Par. 1861
- G 6 **Davy** (H.), six discourses delivered before the royal society. Lond. 1827
- G 7 **Denkschriften** der k. Akad. der Wissensch. zu München.
Vol. i.—ix. (*wants* Vol. viii.) 1809-25
- G 7 **Desaguliers** (J. T.), a course of experimental philosophy.
Vol. i. Lond. 1734
- G 1 **Discourse**, introductory, delivered in Manchester New College. Lond. 1841

- G 1 Duparc (H. M.), het gebruik der geestrijke dranken.
Utrecht, 1843
- Z Encyclopædia Britannica
Vol. i., ii., iv.—x. 2d ed. Edinb. 1778-83
- Z ——— supplement to.
6 Vols. Edinb. 1824
- G 1 Encyklop die der physik allegemeine.
Vol. i., ii., ix., xix.—xxi. Leipzig
(v.—vii. *incomp.*)
- G 1 Engeltrum (J. N.), onderzoek——dat het getal doodge-
borene kinderen is toegenomen.
Utrecht, 1830
- G 1 Értekezések a mathemat Tudományok Körébol.
(à Magyar Tudományos akademia.)
Vol. i. 3-11. ii. 1 Pest, 1868-72
- G 1 ——— a Természettudományi ostály Körébol.
(à magyar Tudományos akademia.)
Vol. i. 13-19. ii.—iii. 1-3. Pest, 1868
- G 2 Értesítő ——— (à Magyar Tudományos akademia).
1868 pts. 9—20, 1869—71, 1872 1—8. Pest
- G 6 Erkönyvei ——— (à Magyar Tudományos akademia).
Vol. ix. 3. x. 4. xiii. 1—5. Pest, 1857-8
- Y (l.c.) Esprit des journaux.
83 Vols. 1792-1800 Paris
- G 1 Essayes of natural experiments made in the Academie del
Cimento. Lond. 1684
- G 2 ——— and addresses by professors and lecturers of the
Owens College, Manchester. London, 1874
- G 6 Fakir Jany Muhammed Asöad, practical philosophy of
the Muhammadan people (Orient. transl. fund).
Lond. 1839

- G 2 **Forhandlinger** i videnskabs-selskabet i Christiania.
1858-71 (*with* Ind., i.—xx., 1848-67.)
- G 2 **Fortschritte**, die, der Physik, dargestellt von der physik.
Gesellsch. zu Berlin.
Jahrg. i.—xxv. 1847-73
With Ind. i.—xx. Berlin, 1872
- G 7 **Fothergill** (J.), works. Ed. by J. C. Lettsom.
London, 1784
- G 3 **Fries**, de vrije ; mengelingen uitg. door het prov. Friesch
genootschap ter beoefening der Friesche geschied-
kunde.
Vol. i.—vi.
New ser. i.—vi. Leeuw. 1837-73
- G 7 **Gauss** (C. F.) Werke.
Vol. i.—v., vii. Gött. 1873
- G 3 **Gedenkschrift** van der Maats: der Nederlandische letter-
kunde te Leiden, 1766-1866
- G 8 **Giornale dell' i. r. istituto Lombardo di scienza lettere ed
arti e biblioteca Italiana.**
Vol. i.—ix. Milano, 1847-56
- G 3 **Handelingen** der algemeene Vergadering Nederlandsche
maatsch. ter bevordering van nijverheid.
1846-59, 1864-74 (*want.* 1866-8, 72)
Haarl. 1864-74
- G 3 — der jaarlijksche algemeene vergadering van de
maatsch. der Nederl. letterkunde te Leiden.
for 1847-63 (*want.* 1849-53)
changes to
- G 3 — en mededeelingen van de maatsch. der Nederl.
letterk. te Leiden. 1864-71
- G 3 — en medeelingen. der Nederlandsche maatsch, &c.,
1873-4. Haarl. 1873-4

- G 3 **Hardlingar** kongl. vetenskaps akademien.
1844-54 (*with atlas to year 1846*).
Stockh. 1846-56
- G 8 — kongliga Svenska vetenskaps-akademien, ny fölyd.
Vol. i.—ix., 1. Stockh. 1855-70
- G 3 **Haüy** (R. J.), treatise on natural philosophy.
2 Vols. Lond. 1807
- G 3 **Herckenrath** (A. W. F.), over het onmatig gebruik van
sterken drank. Utrecht. 1843
- X 13 **Historie de l'académie royale des sciences** (recueil des
mémoires de l'acad. roy. d. sciences.
(depuis 1666 jusqu' à 1699). 11 Vols. Par. 1733
- X 15 — de l'académie royale des sciences.
(depuis 1699 jusqu' à 1776). 82 Vols.
Par. 1718-79
- X 6 —, &c., table alphabétique des matières contenues dans
l'histoire et les mémoires de l'acad. roy. d. sciences.
7 Vols.
Vol. i., années 1666-98. Par. 1734
„ ii., „ 1699-1710. „ 1729
„ iii., „ 1711-20. „ 1731
„ iv., „ 1721-30. „ 1734
„ v., „ 1731-40. „ 1747
„ vi., „ 1741-50. „ 1758
„ vii., „ 1751-61. „ 1758
- K 7 — et mémoires de l'académie royale des sciences, &c.
de Toulouse.
Vol. i.—vi. 1827-43
3d series, i.—vi. 1848-50
4th „ i.—vi, 1851-6
5th „ i.—vi. 1857-62
6th „ i.—vi. 1863-8
(with gen. ind. to the first 16 Vols., 1854)
7th „ i.—vi. 1869-74
- G 3 **Historia dos estabelecimentos scientificos, &c., de
Portugal.**
Vol. i.—iii. Lisboa, 1871-3
- G 3 **Holland** (H.), essays. 2d. ed. Lond. 1862

- G 3 Howard (E), remarks on the new philosophy of Descartes.
Lond. 1701
- G 3 Humboldt (A. von), cosmos.
Vol. i.—iv., 1. Lond. 1846-58
- X 9 Instituut, het, of verslagen, &c. uitg. door de vier
klassen van het k. Nederl. instituut van
wetenschappen, letterkunde en schoone kunsten.
(See *Verslagen*.) Amst. 1841-6
- G 4 Italico, l', giornale politico, &c.
No. 1, 3—5. London, 1818
- G 4 Jaarboek van het k. Nederl. instituut van wetensch.
Voor 1847-51, 57-72. Amst. 1847-72
- G 4 Jahres-bericht des physikalischen Vereins.
for 1868-73. zu Frankfort-am-Main.
- G 4 Jierboechjen, Friesch, foar it jier 1830 trog it Friesch
genoatschip, &c., twaede jiergong.
and for 1831, 3—5. Licaauwerd
- G 4 Jobert (A. C. G.), ideas, or outlines of a new system of
philosophy ; two essays. Lond. 1849
- G 4 —, pure sounds against pure immaterialism.
Lond. 1850
- G 4 Journal of the Bombay branch, royal Asiatic society.
Vol i—ix. 1841-69
- G 4 — of the Asiatic society of Bengal.
Vol. xii.—xxviii (*wants* xxvi), (*with* gen. ind. to
Vols. i.—xxiii., and to Vol. xix., xx. of the
Asiatic Researches) Calc. 1852-9
Vol. xxxiii.—xlii. (*wants* xxxvi., xxxvii.)
pt. 1 (3-4). „ 1864-73
- H 2 — of the royal Dublin society.
Vol. i.—v. Dubl. 1858-71
- H 1 —, Edinburgh philosophical, conducted by R. Jameson.
Vol. xii.—xiv. Edinb. 1825-6

- H 1 Journal, Edinburgh new philosophical.
Vol. i.—xlvi., 1. Edin. 1826-46
- H 2 —, — — — new series.
Vol. xv.—xix. „ 1862-4
- H 2 —, Edinburgh, of science, conducted by D. Brewster.
Vol. i.—x. „ 1824-9
new series, Vol. i.—vi. „ 1829-32
- H 2 —, Bergmännisches, herausg. v. A. W. Köhler, Freyberg,
1788, 1 ; 1789, 2 ; 1790, 1, 2 ; 1791, 1.
- H 2 —, American, of education.
Vol. i. Hartf. 1856
- H 3 —, of the Liverpool polytechnic society.
Liverpool, 1867
- G 4 — de sciencias mathematicas, &c., de Lisboa.
Vol. i.—iii. 1868-71
- H 3 —, horological.
Vol. i—vi. London, 1861-5
- G 9 — of natural philosophy, chemistry, and the arts, by
W. Nicholson.
Vol. i.—xxxvi. Lond. 1802-13
- H 3 —, Newton's London, of arts and sciences.
Vol. xi.—xxiii. Lond. 1860-66
- H 3 —, quarterly, of science.
No. i.—vii. Lond. 1864-70
new series, i.—iii. „ 1871
- H 4 —, the, of science and the arts, edited at the royal
institution of Great Britain.
Vol. i.—xxxvi. Lond. 1816-19
- H 4 —, quarterly, of science, literature, and the arts ;
royal institution of Great Britain.
Vol. vii.—xxii. Lond. 1819-27
index to Vol. i.—xx. „ 1826
new series, 7 Vols. „ 1827-30
- H 4 —, of the royal institution of Great Britain.
Vol. i.—ii. Lond. 1831

- H 5 Journal of the royal Asiatic society of Great Britain and Ireland.
 Vol. i.—xx., 1834-63 (*wants xi., 2; xiv., 2*)
 London, 1834-63
 new series, Vol. i.—vi. „ 1864-72
- xi (l.c.) — atlas to Vol. xv.
- H 3 — of the East India association.
 Vol. i.—vi. London, 1867-72
- H 4 — of the iron and steel institute.
 1871, Vol. i.—ii.; 1872, i.—ii.; 1873, i.; 1874, i.
 London
- U 1 — of the institute of actuaries and assurance magazine,
(see magazine).
- I 3 — of the united service institution.
 Vol. i.—xvii. Lond. 1857-73
- G 4 —, Madras, of literature and science.
 new series, Vol. v.—vi. 1859-61
 3rd ser., Vol. i.—ii. 1864-6
- I 1 — of the society of arts.
 Vol. i.—xxxiii. Lond. 1853-74
- J —, American, of science and arts.
 1st ser., Vol. i.—l., (*with index.*) 1819-45
 2nd ser., Vol. i.—l. (i.—iii. *incom.*) 1846-7
(index to xxxi.—xl.)
- I 2 3rd ser., Vol. i.—iv. 1871-2
- G 7 — de l'école polytechnique.
 Vol. i.—xxvi., (*with gen. ind. to Vol. i.—xxi.*)
 Par. 1794-1863
- I 4 — of the Franklin institute of the state of Pennsylvania.
 new series, Vol. xxiii.—xxvi. Phil. 1830-40
 3rd „ Vol. i.—x. „ 1841-5
 Vol. xliii.—lxviii. „ 1862-74
- I 5 —, the Canadian, of industry, science, and art.
 new ser., Vol. i.—xiii. Toronto, 1856-71
- I 2 — of the board of arts and manufactures for Upper
 Canada.
 Vol. i.—vii. Toronto, 1861-7

Journal de physiques.—(*See observations*).

— de Rogier.—(*See observations*).

- Y 1 Kalmuck Grammar. Kazan, 1847
- Y 1 Kazan; collection of scientific papers, written by the professors of the Kazan university in celebration of its 50th anniversary.
2 Vols. 1856-7
— scientific papers (oockonuya zapiski), published by the imperial Kazan university.
For the years 1835-61 (*wanting* 1835, i.; 1836, i.; 1839, iv.; 1850; 1861, iii., iv.)
— scientific papers,—physical, mathematical, and medical.
1862, i., ii. Kazan, 1863
— — historical, philological, and political.
1862, i., ii. Kazan, 1862
- G 5 Közlönye a matematikai és Természettudományi.
1st Vol. (magyar akadémiai értesítő). Pest, 1860
- G 5 Közlemények do. do.
Vol. v. (magyar Tudomanijos akadémia). „, 1867
- G 4 Lamé (G.), cours de physique.
3 Vols., 2d ed. Par. 1840
- G 4 Laplace essai philosophique sur les probabilités.
7th ed. Brux. 1840
- G 5 Lefnadsteckningar ofver Kong. Svenska. Velen. Akad.
Vol. i.—ii. Stockholm, 1869-70
- G 8 Lendas da India por Gaspar Correa, public. de ordem da acad. real das sciencias de Lisboa.
Vol. i.—iii. 1858-63
- G 4 Leuchs (J. Ch.), traité complet des propriétés, de la preparation, et de l'emploi des matières tinctoriales, et des couleurs.

- G 5 **Levensbeschrijving van Rijklof Michaël van Goens.**
Utrecht, 1869
- G 8 **Liber memorialis—l'université de Liège.** 1869
- G 8 **Lucretius, the nature of things, transl., &c., by T. Busby.**
2 Vols.
- T 1 **Magazin für das neueste aus der physick und naturgeschte.**
Gotha, 1785
- T 1 ——— **neues Lausitzisches.**
Vol. xxviii.—xlvi. (xliii.—2 *wanting*).
Görlitz, 1851-71
- T 1 **Magazine, the assurance, and journal of the institute of
actuaries.**
Vol. iii.—xvii. (*with index Vol. i.—x.*)
Lond. 1853-73
- T 5 ———, London, Edinburgh, and Dublin philosophical
magazine.
4th series, Vol. i.—xlvi. Lond. 1851-74
- T 2 ———, the philosophical, by A. Tilloch, &c.
Vol. i.—lxviii. Lond. 1798-1826
- T 4 ———, ———, or annals of chemistry, &c., by R. Taylor
and R. Phillips.
Vol. i.—xi. (*with gen. ind. 1835*). Lond. 1827-32
- T 10 **Mangeri (P. Antonio) corso di lezioni di Filosofia
nationale.** Catania, 1865
- T 7 **Manual (the admiralty) of scientific enquiry.**
Lond, 1849
- T 10 **Martin (B.), system of the Newtonian philosophy.**
Reading, 1747
- K 1 **Mémoires de la société d'émulation d'Abbeville.**
for 1849-60. 3 Vols. Abbeville, 1852-61
- K 1 ——— **de la société académique de Maine et Loire.**
Vol. i.—xviii, xxi.—ii., xxv.—viii. Angers, 1857-72
- K 2 ——— **de la société d'émulation du département du Doubs.**
3d series, Vol. vii.—x. Besançon, 1862-69
4th „ Vol. i.—iv., vi. „ 1865-8

- K 9** Mémoires de l'académie royale des sciences, &c., de Belgique.
Vol. xxviii.—xl. Brux. 1854-73
- K 9** ——— couronnés et mémoires, des savants étrangers, publiés par l'acad., &c., de Belgique.
Vol. xxvi.—xxxvii. Brux. 1855-73
- K 2** ——— ——— et autres mémoires, publiés par l'acad., &c., de Belgique.
Collection in 8°. Vol. vii.—xxiii. Brux. 1858-73
3rd ser., Vol. ii. „ 1874
- K 2** ——— de l'académie des sciences, &c., de Caen.
1851-2-5-6-8-60-2, 4-5-6, 8-9-73
- K 3** ——— de l'académie des sciences, &c., de Savoie.
2d ser. xi.—xii. (and index i.—xii.)
Chambéry, 1869-72
- K 4** ——— de la société des sciences naturelles de Cherbourg.
Vol. i.—x. 1852-64
2d ser., Vol. xi.—xviii. 1865-74
- K 4** ——— ——— nationale acadèmique de Cherbourg, 1871
- K 3** ——— de l'académie des sciences, &c., de Clermont-Ferrand.
2d series, Vol. i.—iv. (*want* iii. 1) 1859-62
- K 8** ——— de l'académie des sciences, &c., de Dijon.
ann. 1830, 2, 4, 6, 43—50.
2d ser., Vol. i.—xvi. 1852-70
3rd „ Vol. i. 1871-3
- K 3** ——— de la société Dunkerquoise pour l'encouragement des sciences, &c.
Vol. vii.—xiv. (*want* xi.—xii.) 1861-9
- K 3** ——— de l'institut national Genevois.
Vol. i.—xii. 1854-68
- K 4** ——— de la société royale des sciences, &c., de Liège.
Vol. i.—xx., 1843-73.
(*with* 4to atlas to iv., 1, and index.)
2d ser., Vol. i.—iii., v.

- K 5** Mémoires de la société impériale des sciences, &c., de
Lille.
2d ser., Vol. iv. 1858
- L 6** — de l'académie nationale des sciences, &c., de Lyon.
classe des lettres. Vol. i.—xv. 1851-74
„ des sciences. 2d ser., Vol. i.—xx. 1851-74
- K 5** — de l'académie royal de Metz.
année xxi.—liv. (*wanting* ann. xxvi., xxviii., xxxii.
xxxiii.) 1839-70
3rd ser., i.—ii. (and ind. to 1st and 2d sec.) 1873
- K 10** — de l'académie des sciences, &c., de Montpellier ;
section des sciences.
Vol. i., iii., iv., v. 1847-63
„ des lettres.
Vol. i., ii., iii., 2, 3, 4, iv., 1.
„ de médecine.
Vol. i., iii., iv., 1, 2. 1853-64
- K 6** — de la société royale des sciences, &c., de Nancy.
ann. 1833-50
- K 6** — de l'académie de Stanislas.
ann. 1851-8. Nancy.
- K 7** — de l'académie du Gard.
année 1862. Nismes, 1866
- K 1** — de la société des sciences physiques et naturelles de
Bordeaux.
Vol. i.—ix. Paris, 1854-73
- E 8** — de mathématique et de physique, présentés à
l'académie royale des sciences.
Vol. i.—vi. Par. 1750-74
- E 8** — de l'institut national ; sciences mathématiques et
physiques. Paris, 1798-1818
- E 7** — de l'académie royale des sciences de l'institut de
France.
Vol. i.—xxxiii. (atlas to Vol. xxxiii.)
Par. 1818-61
- E 7** — présentés à l'institut par divers savans ; sciences
mathématiques et physiques.
Vol. i.—ii. Par. 1805-11

- E 7** **Mémoires** présentés par divers savans à l'académie royale des sciences de l'institut de France; sciences mathématiques et physiques.
Vol. i.—xvii. (*wants* Vol. xiii.) Par. 1828-62
- K 7** — de l'académie de Toulouse.
(*Vid. Histoire.*)
- K 5** **Memoirs**, scientific, edited by R. Taylor.
5 Vols. Lond. 1837-52
- L 8** — of the American academy of arts and sciences.
Vol. i.—v. Bost. 1821
new series, Vol. i.—ix. Cambr. 1833-68
- K 8** — of the literary and philosophical society of Manchester.
Vol. i.—v. Lond. 1789-1802
2d series, Vol. i.—xv. „ 1805-60
3rd „ Vol. i.—iv. „ 1862-71
- K 10** **Memorias da academia real das scieneias de Lisboa**; classe de sciencias mathematicas, physicas e naturaes.
nova serie, Vol. i.—iii., iv., 2. 1854-70
„ de sciencias moraes, politicas e bellas lettras.
nova serie, Vol. i.—iii., 1, iv., 1.
- I 7** — de la real academia de ciencias.
Vol. i.—v. Madrid, 1850-61
- L 7** **Memorie della accademia delle scienze dell' istituto di Bologna.** Vol. i.—xii. 1850-62
2d ser., Vol. i.—x. 1862-70
3rd „ Vol. i.—ii. 1871-2
- I 7** — e documenti per servire alla storia di Lucca.
Vol. iii., 3, xi., 2. Lucca, 1867
- H 9** — dell' i. r. istituto Lombardo di scienze, lettere ed arte.
Vol. iv.—ix., xi. Milano, 1854-70
- I 8** — della reale academia delle scienze.
Vol. i.—ii. Napoli, 1856-7
- H 9** — dell' i. r. istituto Veneto di scienze lettere ed arti.
Vol. i.—v., viii., xvii. Ven. 1843-72

- X 9** Meneghini (G) on the animal nature of the diatomeae
(bot., &c., memoirs.)
- X 9** Mengelwerk van uitgeleezene en andere wis-en natuur-
kundige verhandelingen.
deel i.—ii. Amst. 1796-1816
- T 10** Mittheilungen ans dem Osterlande.
Vol. i.—xvii. Altenburg, 1838-68
- T 10** Modderman (W.) de Wettelijke Beirijsteer in Strafraken.
(door et Prov. Utrecht. Genoots.)
Utrecht (1867)
- T 11** Mondes les.
Vol. i.—vi, x.—xxvii. Par. 1863-72
- I 9** Monumenta sæcularia, herausg. v. der k. b. Akad. der
Wissensch. zur Feier ihres hundertjährigen Bestehens.
Vol. i.—ii. Münch. 1859
- T 12** Nachrichten, von der Georg-Augusts-Universität under
kön. Gesellschaft der Wissenschaften zu Göttingen.
1858-67
- T 6** Nature.
Vol. i.—x. London, 1869-74
- G 9** Nicholson's natural philosophy. (*See Journal.*)
- T 6** Newton, opera quæ extant omnia, commentariis S.
Horsley.
5 Vols. Lond. 1779-85
- A 8** Notices of the proceedings of the royal institution.
Vol. i.—vi. (*See Proc.*) Lond. 1854-72
- T 12** ——— historiques sur les sociétés des lettres, science, et
arts de la Rochelle. 1873
- T 12** Notulen van de Algemeene en bestums-vergaderingen
van het Bataviansch genoots, van Kunsten en
Wetenschappen.
Vol. i.—xi. Batavia, 1864-73

- H 6** **Observations** sur la physique, par Rosier.
 Vol. i.—xiii. Par. 1773-9
 Vol. i.—xcvi. „ 1779-1823
 (*with* Vol. xxix. is a gen. ind. for 1778-86 and
with Vol. lv. for 1787-1802)
- T 13** **Öfversigt** af Finska vetenskaps-societets förhandlingar.
 Vol. i.—xvi. Hels. 1838-73
- T 13** — af kongl. vetenskaps-akademiens förhandlingar.
 Vol. i.—xxvii. Stockholm, 1844-70
- T 12** **Oversigt** over det kgl. danske videnskabernes selskabs
 förhandlingar, 1842-73. Kjöbenh.
- T 13** **Overzigt** van de boeken ingekomen bij de k. akad. v.
 wetensch.
 1857-60 in 1 Vol. Amst. 1860
- A 1** **Palyamunkák** Termésséttudományi (à Magyar Tudos
 Tarsasag).
 Vol. i.—iii. Budan, 1837-44
- A 9** **Pemberton** (H.), a view of Sir ^{I.}Newton's philosophy.
 Lond. 1728
- A 1** **Percival** (T.), works.
 new ed., 4 Vols. Lond. 1807
- A 1** **Playfair** (J.), outlines of natural philosophy.
 2 Vols. Edin. 1812-14
- A 12** **Pouillet**, élémens de physique.
 2d ed., 4 Vols. Par. 1832
 3rd „ 2 „ „ 1837
 4th „ 2 „ „ 1844
- A 1** **Précis** analytique des travaux de l'académie des sciences,
 &c., de Rouen.
 1854-5, 1857-8, 1858-9, 1862-3, 1871-2.
- A 9** **Preisschriften** gekrönt und herausg. von der fürstlich
 Jablonowski'schen Gesellschaft zu Leipzig.
 Vol. vii.—xiii., xvii. 1859-73

- A 4 Proceedings of the Birkenhead literary and scientific society. Birkenhead, 1867
- A 9 — of the American academy of arts and sciences.
Vol. i.—vii. (viii. *incom.*)
new series, Vol. i. Boston, 1848-74
- A 3 — of the American association for the advancement of science meetings.
Vol. i.—xxii. 1848-73
- A 1 — Cambridge philosophical society.
Pt. 1, 6. 1866
- A 2 — of the royal Irish academy.
Vol. i.—ix., 1, 4, x.
2d ser., Vol. i. (*pt. 2 wanted*) Dubl. 1841-70
- A 1 — of the royal physical society of Edinburgh.
Vol. i.—iii. 1854-66
- A 8 — of the royal society of Edinburgh.
Vol. i.—vii. 1845-74
- A 4 — of the philosophical society of Glasgow.
Vol. i.—viii. (*want. vii., 1-2*) Glasg. 1844-73
- A 5 — report of the, of the literary and philosophical society of Liverpool.
Vol. i.—xxviii. (*want xix.*) 1845-74
- A 8 — of the royal institution. *Vid. Notices.*
- A — of the royal society of London.
Vol. i.—xxii. 1832-65
Vol. i.—iv. under the title of *abstracts of the papers printed in the philosophical transactions*, 1800-43
Vol. v. under the title of *abstracts of papers communicated to the royal society of London.*
- A 4 — of the philological society.
Vol. ii. Lond. 1846
- A 7 — physical society of London.
Part 1. London, 1874
- A 4 — of the literary and philosophical society of Manchester.
Vol. i.—xii. 1860-73

- A 12 **Proceedings**, abstracts of the, of the Ashmolean society.
Vol. i.—iii., 4. Oxf. 1844-56
- A 11 — of the academy of natural sciences of Philadelphia.
for 1856-73 (*wants* 1856, p. 1—160, and after
p. 1, 327; 1862, No. 1—8.)
- A 11 — of the American philosophical society.
Vol. i.—xiii. Phil. 1838-73
(*imperfect* i., ii., v., vii., xii.)
- A 11 — of the Essex institute.
Vol. i.—vi. Salem. 1848-68
- A 7 — of the Yorkshire philosophical society.
1849-55
- A 12 — of the Asiatic society of Bengal.
June, 1868-73. Calcutta
- A 12 **Processen-verbal** van de gewone vergaderingen de K.
Akad. van Watens.
afdeeling natuurkinde. 1 Vol. Amsterdam, 1865-74
- A 12 **Publications** de l'institut roy. grand. Ducal de Luxem-
bourg.
Vol. v.—xiii. 1862-73
- A 13 **Rapport** sur l'exposition universelle de 1855.
Par. 1857
- A 15 — et notes.—Commission de l'enseignement technique.
Paris, 1865
- A 12 **Records** of general science, by R. D. and T. Thomson.
Vol. i.—iv. Lond. 1835-6
- A 12 **Recueil** des actes de l'acad. imp. des sciences, &c., de
Bordeaux.
Vol. xviii.—xxviii., 4, xxix.—xxxi., xxxii., 1, 2,
xxxiii., xxxiv. 1856-73
- A 20 **Rendiconto** delle sessioni dell' accademia delle scienze
dell' istituto di Bologna. 1854-74
- A 25 — ; reale istituto Lombardo di scienze e lettere.
2d ser., Vol. i.—v. Milano, 1868-72

- A 20 **Rendiconto** reale istituto Lombardo.
 classe di scienze math. e naturali.
 Vol. i.—iv. 1864-7
 „ di lettere, e scienze morali e politiche,
 Vol. i.—iv. 1864-7
- A 15 — della società reale Borbonica; accademia delle
 scienze.
 nuova serie, anno iv.—vi. Napoli, 1855-7
- A 17 — della società reale di Napoli; accademia delle
 scienza fisiche e mathematiche.
 1st pt., anno 5, 6, 1857.
 Vol. i., 5, 8, ii.—iii. (*wants* 3, 6,) iv.—xi.
 Napoli, 1862-73
- A 17 — „ „ ; accademia di scienze
 morali e politiche.
 Vol. i.—ii. for 1862-3 (*quarto*).
 for 1865, 7—9 Napoli
- A 23 **Report** annual of the meetings of the British association
 for the advancement of science.
- A 20 — „ of the Manchester scientific students
 association.
 1862-74 (*want* 1866-70-1).
- A 20 — „ of the Sheffield literary and philosophical
 society.
 for 1828, 1834, 40, 43, 45, 51-4, 58, 60, 64-66,
 68, 69. Sheffield
- A 20 — „ of the Royal Free Museum library, &c.,
 Peel Park, Salford, for 1860-5, 1870-4.
- A 24 — of the Leeds philosophical and literary society.
 Vol. i. (*with catalogue*). 1864-73
- A 20 — of the royal polytechnic society, Cornwall.
 1st pt., 1833-4. 3 Vols., 1864-72
- A 25 — of the Smithsonian institution. Wash. 1849-63
- A 20 — of the royal humane society.
 for 1787-9. London

- A 15 **Resa** (kongliga Sevenska fregatten Eugenie) omkring
Jordan.
Fysik Parts 1 and 2 Stockh. 1858-61
Physique „ 1 and 2 „ „
- A 20 **Resumen de las aetas de la academia real de eieneias.**
1847-59, 61-2. Madrid, 1848-63
- A 20 **Rixtel** (P. R. van), praeliarius of strijdboek, bevattende
de jongste oorlogen in Friesland, in het jaar 1518
Leeuw. 1855
- H 6 **Rozier**, introduction aux observations sur la physique.
2 Vols. Paris, 1777
- A 24 **Rumford** (Count), the complete works of.
Boston, 1870-4
- A 13 **Schriften der Universität zu Kiel.**
Vol. i.—xx. 1856-74
- A 13 — der k, physik. ökonomischen Ges zu Königsberg.
Jahrg. i.—xii. 1860-72
- A 20 — der Ges. zur Beförderung der gesammten Natur-
wissenschaften zu Marburg.
Vol. i.—x. 1823-72
(with atlas to Vol. vi.), supp. 5 pts.
- A 20 **Séances de l'aead. des sciences, &c., de Dijon.**
for 1829, 36, 43.
- A 13 **Scientific opinion**, a weekly record of scientific pro-
gress, &c.
Vol. i.—iii. London, 1868-70
- A 20 — and Mechanical Society of Manechester—various
papers. Manechester
- A 20 **Skrifter det kong. norske videnskabers-selskabs, i det**
19de aarhundrede.
Vol. ii., 1, 2, iii., 1—3, iv., 1—2, v., vi.
Throndhjem, 1814-72
- X 9 **Strabbe** (A. B.), eerste beginselen der fluxie rekening.
Amst. 1799

- A 20 Summons, a, of wakening, &c. (the evil of speculative philosophy).
Hawick, 1807
- A 20 Technologist, a monthly record of science applied to art and manufacture.
Vol. i. London, 1861
- A 13 Thackrah (C. T.), an introductory discourse delivered to the Leeds phil. and lit. society, April 6, 1821.
- A 21 Tijdschrift, voor Indische taal,-land-en volkenkunde, nitg. door het Bataviaasch genootschap van kunsten en wetenschappen.
Vol. iv.—xx. Batavia, 1855-73
- A 21 — ter bevordering van nijverheid.
Vol. i.—xv. (*want* xi.) Haarl, 1833-51
- A 22 2d series, Vol. i.—vii. 1853-9
3rd ,, Vol. i.—xiv. (*wants* 1868). 1860-73
- A 14 Transactions of the Cambridge philosophical society.
Vol. i.—xi. 1821-69
- A 15 — of the royal Irish academy.
Vol. i.—xxiv. Dubl. 1788-1870
- A 20 — of the Dublin philosophical society.
Vol. i.—vi. 1843-54
- A 16 — of the royal society of Edinburgh.
Vol. i.—xiii., 1788-1836 (*with* gen. index).
Vol. xvi.—xxvi., 1840-72.
- A 26 — of the royal Scottish Society of arts.
Vol. i.—viii. Edinb. 1838-73
Vol i. has the title of "select papers read before the society of arts for Scotland" (*wants* pt. 1).
- A 13 — of the philosophical and literary society of Leeds.
Vol. i., part 1. Lond. 1837
- A 26 — of the society, instituted at London, for the encouragement of arts, manufactures, and eommeree.
Vol. i.—lv., 1783-1845 (*with* ind. to Vol. i.—xxvi., xxvi.—xl.) (*wanting* Vol. xxv.)

- A 26 Transactions of the society of arts.
for 1846-7, part 1.
,, 1847-8 ,, 2. London
- A 26 — and Proceedings of the royal society of Victoria.
Vol. vii.—ix. Melbourne, 1866
- A 26 — of the Connecticut academy of arts and sciences.
Vol. i.—ii. New Haven, 1866
- A 17 — of the national association for the promotion of
social science. Lond. 1860-73
- A —, philosophical, of the royal society of London.
from 1665 to 1800, abridged by C. Hutton. 18 Vols.
Lond. 1809
- A — „ Vol 91—163 1801-74
(with gen. ind. to Vols. 1—70, 1787; Vol. 71—
90, 1821; Vol. 91—120, 1833).
- A 18 — of the royal Asiatic society of Great Britain and
Ireland.
Vol. i., ii, iii. Lond. 1824-35
- A 28 — of the royal humane society.
Vol. i. Lond. 1794
- A 22 — of the Ashmolean society.
Vol. i.—ii. (*both imperfect*). Oxf. 1838-53
- A 18 — of the American philosophical society.
Vol. i.—vi. Phil. 1789-1809
new ser., Vol. i.—xii., xiii., 2, 3, xiv., 1, 3, xv., 1.
Phil. 1818-73
- A 14 — of the Plymouth institution. Lond. 1830
- A 17 — of the academy of sciences of St. Louis.
Vol. i.—ii. 1857-63
- A 17 *Travaux de l'académie imperiale de Reims.*
39, 42—6, 51, 53. Rheims 1863-73
- X 1 *Verhandelingen, nieuwe, wis-en natuurkundige.*
deel i.—ii. Amst. 1844
- X 4 — der eerste klasse van het Hollandsch instituut van
wetenschappen, letterkunde en schoone kunsten te
Amsterdam,
Vol. i.—vii., 1812-25

- X 4** Verhandelingen, nieuwe, der eerste klasse van het koninklijk-Nederlandsehe instituut van wetenschappen, &c.
Vol. i.—xii. (*wanting* Vol. vi.) Amst. 1827-46
3d series, Vol. i.—v., 1849-52.
- X 4** ——— der koninkl. akad. van wetensch.
Vol. i.—xiii. Amst. 1854-61
- X 5** „ Afd. letterkunde. Vol. i.—vii., 1858-72
- X 12** ——— van het Bataviaasch genootschap van kunsten en wetenschappen.
Vol. vi., xvi., xviii., xx., xxi., 1., 2., xxii., xxiii., xxv., xxix., xxxiii. Batavia, 1779-1852
- X 1** ——— uitgegeven door de Hollandsche maatschappye der wetenschappen te Haarlem.
Vol. i.—xxx., 1759-93
(*with* gen. index to vol. i.—xxviii.)
- X 9** ——— uitgegeven door et Zecuwsch genootschap der wetenschappen te Vlissingen.
Vol. i.—xv. (*with* gen. index to vol. i.—xii)
Middelb. 1769-92
- X 10** ———, nieuwe „
5 Vols. „ 1802-35
- X 12** ——— van het Bataafsch genootschap der proefondervindelyke wysbegeerte te Rotterdam.
Vol. i.—xii., 1774-98
- X 12** ———, nieuwe „
Vol. i.—vi., vii., viii., ix., x.—xii., 1. 1800-51
- X 5** ——— der polytechnischen Ges.
Vol. xviii.—xxiv., xxvi., xxx.—v. 1855-73 Berlin
- X 3** Verlostiging, wiskunstige.
Vol. i.—ii. Amst. 1793-5
- X 6** Verslag der handelingen van het Friesch genootschap van geschiedkunde, &c.
Vol. i.—xxxiv. Leeuw. 1828-74
- X 3** ——— van het Zeeuwsch genootschap der wetenschappen.
1861-3, 65-9. Middelb.

- X 3** Verslag van het verhandelde in de algemeene vergadering van het prov. Utrechtsche genootschap van kunsten en wetenschappen. Utrecht. 1859-73
(with de spectatoriale geschriften, van, 1741-1800.)
- X 6** ——— algemeen, van den Landbouw. in het Koninkrijk der Nederlanden—uit de Nederlandsche Maatschappij, 1845-58. Haarlem
- X 6** ——— van het. Verhandelde op het Nederlandsche congress—van wege de Nederlandsche—Maatschappij, 1857-8-9. Haarlem
- X 2** Verslagen en mededeelingen der koninklijke akademie van wetenschappen.
Vol. i.—xvii. Amst. 1853-65
2d series, Vol. i.—vii. „ 1866-73
- X 3** ——— „ „ ; afdeeling letterkunde,
Vol. i.—xii. Amst. 1856-69
2d „ Vol. i.—iii. „ 1871-3
- X 3** Vervolg der prijsvragen door de Nederlandsche maatschappij ter Bevordering van nijverheid. 1845-59
(with register, 1778-1848) Haarlem
- X 3** Vervov (J. F. van), enige gedenckweerdige geschiedenissen
Leeuw, 1841
- X 9** Verzameling van voorstellen.
2 Vols. Amst. 1811-12
- X 9** ——— van wiskundige voorstellen.
Vol. i.—vi. Amst. 1820-36
- X 9** ——— van nieuwe wiskundige voorstellen.
Vol. i.—ii. Amst. 1846
- X 9** ——— van wiskunstige opgaven.
Vol. i.—iii. Amst. 1850-9
- X 10** Volksvlijt, de, tijdschrift voor nijverheid, &c.
(met bijbald). Amst. 1857-66
- A 17** Wells (D. A.) and Bliss (G.), the annual of scientific discovery.
Bost. 1850

- A 17 **Werken**, nieuwe reeks van, van de maatschappij der
Nederlandsche letterkunde te Lieden.
Vol. iii., iv., vi., vii., ix., x. 1847-57
- A 17 —, nieuwe van het Zeeuwsch gen. der wetensch.
Vol. i.—ii., 1. Middelb. 1839-45
- A 17 **Wetten**, oude Friesche.
2 Vols. Leeuw. 1846-51
- A 17 **Whewell** philosophy of the inductive sciences.
2d ed., 2 Vols. Lond. 1847
- X 3 **Zelandia illustrata** door M. F. Lautsheer.
parts 1, 2. Middleburg, 1866

CHEMISTRY.

- B 4** **Annalen der Chemie und Pharmacie.**
 2d series, Vol. xxxiii.—clxxv. Leipz. 1859-75
 (*with* gen. ind. to Vols. i.—cxiv. ; and suppl.
 Vols. i., ii., 1861-3)
- B 1** ——— **der Physik und Chemie, by J. C. Poggendorff.**
 2d series, Vol. lviii.—lx. Leipz. 1843
 3rd „ Vol. lxi.—xc. „ 1844-54
 (*with* gen. ind. to Vol. i.—xc. ; and suppl.
 Vol. ii.—iv.)
 4th „ Vol. xci.—cxx. „ 1854-63
 (*with* gen. ind. to Vol. xci.—cxx. Leipz. 1865.)
 5th „ Vol. cxxi.—cliii. „ 1864-75
- B 5** **Annales de chimie.**
 Vol. i.—xcvi. Paris, 1789-1816
with 3 Vols., gen. ind. „ 1801, 7, 21
- B 7** ——— „ **et de physique.**
 Vol. i.—lxxv. „ 1816-40
with 3 Vol. gen. ind. (1831-40, 41)
- B 8** 3rd series, Vol. i.—lxix. „ 1841-63
- B 9** 4th „ Vol. i.—vi. „ 1864-5
- C 1** **Annals of philosophy, or magazine of chemistry, &c., by**
 T. Thomson.
 Vol. i.—xvi. Lond. 1813-20
- C 1** ——— **New Ser. Vol. i.—xii.** „ 1821-6
- C 1** **Bancroft (E) experimental researches concerning the**
philosophy of permanent colours.
 2 Vols. Lond. 1813

- C 4** **Berichte** der deutschen chemischen Gessenschaft zu Berlin.
Vol. i.—iii., 6, 7. v., 1—11 Berlin, 1874
(Vol. ii. *wants pts.* 12—20)
- C 1** **Bernays** (A. J.) household chemistry.
2d ed. Lond. 1853
- C 2** **Berzelius** (J. J.), théorie des proportions chimiques.
2d ed. Par. 1835
- C 2** — (J. J.) rapport annuel sur le progrès des sciences,
physiques et chimiques.
8 Vols. Par. 1841-7
- C 2** — (J. J.) Jahres-Bericht über die Fortschritte der
physischen Wissenschaften.
Jahrg. i.—xxviii. Tübing. 1822-49
(*with gen. ind.* to i.—xvii.)
- C 3** **Bischof** (G.), elements of chemical and physical geology.
3 Vol. (Cav. Soc.) Lond. 1854-5
- C 1** **Bunsen** (R.), gasometry or physical and chemical proper-
ties of gases.
Lond. 1857
- C 2** **Chaptal** (J. A.), elements of chemistry.
2d ed., 3 Vols. Lond. 1795
- C 2** **Dalton** (J.) a new system of chemical philosophy.
Parts 1, 2. (2 copies) Manch. 1808-10
- C 2** —, „ „ and Vol. ii., 1.
Manch. 1827
- C 2** —, on the phosphates and arseniates, &c.
Manch. 1840-2
- C 2** — chemischen philosophic, by Woolf.
Berlin, 1812
- C 2** **Daubney** (C.), introduction to the atomic theory.
2d ed. Oxf. 1850

- C 1 Davy (H.), *researches chemical and philosophical*.
Lond. 1800
- C 3 Delaval (E.), *enquiry into the cause of the changes of
colours in opake and coloured bodies*.
Lond. 1777
- C 3 —, *ricerche sulle cagioni del cangiamento di colore
ne corpi opachi, &c.*
Milano, 1779
- C 4 Dumas, *traité de chimie appliquée aux arts*.
Vol. i.—vi., viii. Par. 1820-46
- xi. (l.c.) — — — — — atlas.
- C 4 — (J.), and Boussingault (J. B.), *the chemical and
physiological balance of organic nature*.
3rd ed. Lond. 1844
- C 3 Fulhame (Mrs.), *an essay on combustion*.
Lond. 1794
- C 7 Funke (O.), *atlas of physiological chemistry* (Cav. Soc.)
Lond. 1853
- C 3 Gay-Lussac et Thenard, *recherches physico-chimiques*.
2 Vols. Par. 1811
- C 3 Gmelin (L.), *handbook of chemistry* (Cav. Soc.)
17 Vols. Lond. 1848-66
- C 3 Griffin (John Joseph), *chemical handicraft, a descriptive
catalogue of chemical apparatus*.
- C 4 Harrington (R.), *chemical essays*.
Lond. 1793
- C 4 —, *death warrant of the French theory of chemistry*.
Lond. 1804
- C 4 —, *an elucidation and extension of the Harringtonian
system of chemistry*.
Lond. 1819

- C 4 **Henry** (W.), epitome of chemistry.
4th ed. Edinb. 1806
- C 4 —, elements of experimental chemistry.
6th ed. 2 Vols. Lond. 1810
7th ed. „ „ 1815
8th ed. „ „ 1818
10th ed. „ „ 1826
- C 4 — (W. C.), memoirs of John Dalton (Cav. Soc.)
Lond. 1854
- C 3 **Hofmann** (A. W.), introduction to modern chemistry,
experimental and theoretic.
London, 1865
- C 7 — ; report on chemical laboratories in course of erection
in the Universities of Bonn and Berlin.
London, 1866
- C 5 **Journal**, quarterly, of the chemical society of London.
Vol. i.—xv. 1849-65
2d series, Vol. i.—xii. 1863-74
- C 3 **Lehmann** (C. G.), physiological chemistry (Cav. Soc.)
3 Vols. Lond. 1851-4
- C 3 **Laurent** (Auge.), chemical method, classification, &c.
(Cav. Soc.) London, 1855
- C 4 **Liebig** (J.), traité de chimie organique.
3 Vols. Par. 1841-4
- C 4 —, organic chemistry in its application to agriculture
and physiology.
Lond. 1840
- C 4 —, „ „ 3rd ed. Lond. 1843
- C 4 **Mémoires** de physique et de chimie de la société
d'Arcueil.
Vol. ii., iii. Paris, 1809-17

- C 6 **Memoirs** and proceedings of the chemical society of
London.
Vol. i.—iii. Lond. 1843-8
- C 6 **Murray** (J.) system of chemistry.
4 Vols. Edinb. 1806
- C 6 — (J. and G.), popular view of chemistry.
Edinb. 1834
- C 9 **News**, the chemical.
Vol. i.—xxx. Lond. 1860-73
- C 6 **Parkes** (S.), chemical catechism.
9th ed. Lond. 1819
- C 9 **Peclet** (E.), traité de la chaleur.
2 Vols. Par. 1843
- xi. (l.c.) — „ „ atlas
- C 9 **Poisson** (S. D.) théorie mathématique de la chaleur.
Par. 1835
- C 6 **Prout** (W.), chemistry, meteorology, and the function of
digestion.
Lond. 1834
- Proceedings** of the chemical society. (*Vid. memoirs.*)
- C 6 **Rammelsberg** (C. F.), Handwörterbuch des chemischen
Theils der Mineralogie.
Berl. 1841-53
- C 6 **Reid** (D. B.), acaedemical examinations on the principles
of chemistry.
2 Vols. Edinb. 1825
- C 6 **Roscoe**—Lessons in elementary chemistry.
Lond. 1866
- C 6 — „ „ „ Lond. 1869
- C 3 **Reports**, chemical, and memoirs (Cav. Soc.)
Lond. 1848

- C 6** Rigg (R.), experimental researches on the compound nature of carbon.
Lond. 1844
- C 6** Rome (de, de l'Isle), cristallographie.
2d ed., 4 Vols. Par. 1783
- C 6** Rose (H.), traité pratique d'analyse chimique.
2 Vols. Paris, 1843
- C 6** Schorlemmer (C., *F.R.S.*), manual of the chemistry of the carbon compounds.
Lond. 1874
- C 6** Skrimshire (F.), a series of popular chymical essays.
2 Vols. Lond. 1802
- C 6** Smith (Robert Angus) disinfectants and disinfection.
Edinb. 1869
- C 6** Sonnenschein (F. L.) Anleitung zur chemischen Analyse.
3rd ed. Berl. 1858
- C 6** Thenard (L. J.), traité de chimie.
3rd ed., 4 Vols. Paris, 1821
- C 1** Thompson (T.) a system of chemistry.
3rd ed., 5 Vols. Edinb. 1807
- C 6** Transactions of the chemical society of Newcastle-upon-Tyne
Newc.-u.-Tyne, 1868-74
- C 6** Turner (E.), elements of chemistry.
7th ed. Lond. 1842
- C 6** Wall's Tracts, Chemistry, &c. Oxf. 1782-6
- C 7** Watts (H.), dictionary of chemistry.
Vol. i.—v. (Vol. iv. wants 33.) Lond. 1863-8
- C 3** Wilson (G.), the life of H. Cavendish (Cav. Soc.)
Lond. 1851

PHARMACY.

- C 11 Aldini (J.), saggio esperimentale sull' esterna applicazione
del vapore all' acqua dei bagni. Milano, 1818
- C 11 Alexander (W.), de partibus corporis quæ viribus opii
parent. Edinb. 1790
- C 11 Arntzenius (D. J. A.), de organische gebreken der ure-
thra. Utrecht. 1840
- xi.(u.c.) " " " atlas.
-
- C 11 Baudelocque, memoirs on the cæsarian operation
Manch. 1801
- C 11 Beaumont (W.), experiments and observations on the
gastric juice and the physiology of digestion. Plattsb. 1833
- C 11 Berigten van de Nederlandsche Maatschappij ter bevoor-
dering der pharmacie,
1845, 67. 2 Vols. Amst. 1852-67
- C 11 Black (J.), retrospective address at the 10th annual
meeting of the provincial medical and surgical association.
Worcester, 1842
- C 20 Boeck (W.), recherches sur la syphilis.
Christiania, 1862
- C 20 Buchanan (T.), on the anatomy of the human ear.
Hull, 1823
- C 12 Bulletin de l'académie royale de médecine de Belgique.
2nd series, Vol. v., vi.
3rd ,, Vol. i.—viii. Brux. 1862-75
- C 7 ——— of the United States Sanitary Commission.
Vol. i.—iii. New York, 1866
- C 11 Burns (J.), observations on abortion.
Lond. 1806

- C 8 Calendar of the Pharmaceutical Society of Gt. Britain
for 1867, 8, 1872-75. Lond. 1866-75
- C 13 Catlow principles of æsthetic medicine.
Lond. 1867
- C 19 Catalogue of the army medical department, United
States army medical museum.
Washington, 1866
- C 20 Clay (C.), cases of the peritoneal section.
Lond. 1842
- C 11 Closs (J. F.), a new method of curing the small pox.
Lond. 1774
- C 19 Circulars issued by the War Department.—Surgeon
General's office, Washington.
- C 11 Contributions to the study of yellow fever in the United
States, by J. M. Turner, *M.D.*
- C 11 Coxe (J. R.), an inquiry into the claims of W. Harvey
to the discovery of the circulation of the blood.
Phil. 1834
- C 11 ——— practical observations on vaccination.
Phil. 1802
- C 11 Crawford (A.), experiments and observations on animal
heat.
2nd ed. Lond. 1788
- C 11 Dewar (H.), observations on diarrhoea and dysentery.
Lond. 1805
- C 7 Documents of the United States sanitary commission.
Vol. i.—ii. New York, 1866
- C 11 Droeze (F. J. H.), over den kanker.
Utrecht, 1824
- C 11 Durand-Fardel, Le Bret (E.), Lefort (J.), et François (J.),
dictionnaire général des eaux minérales, et d'hydrologie
médicale.
2 Vol. Par. 1860
- C 13 Edwards (W. F.), de l'influence des agens physiques sur
la vie. Par. 1824

- C 13 Fothergill (A.), essay on the preservation of shipwrecked
mariners. Lond. 1799
- C 13 —, hints for restoring animation. „ 1783
(See pamphlets.)
- C 11 Fowler (T.), medical reports on the effects of arsenic in
ague, &c. Lond. 1786
- C 11 Galama (S. J.), over de levertraan. Utrecht, 1832
- C 11 —, over het gebruik der kina. Utrecht, 1832
- C 11 Gibson (B.), on the formation of an artificial pupil.
London, 1811
- C 11 Granville (A. B.), report on the practice of midwifery.
Lond. 1819
- C 11 —, treatise on the internal use of prussic acid.
2nd ed. Lond. 1820
- C 11 —, further observations on the internal use of
prussic acid. Lond. 1819
- C 20 —, on the development of the human ovum.
Lond. 1833
- C 13 Hawes (W.), an address, &c., on preserving the lives of
the inhabitants. Lond. 1783
- C 13 —, on the bills of mortality. Lond. 1783
- C 13 Haygarth (J.), inquiry how to prevent the small pox.
Chester, 1784
- C 13 —, sketch of a plan to extirminate the small pox.
2 Vols. Lond. 1793
- C 10 Hippocratis et aliorum medicorum veterum reliquiæ.
Vol. i., ii. Traj. ad Rhen. 1859-62

- C 13** Hull (J.), defence of the cæsarean operation.
Manch. 1798
- C 13** Johnstone (J.), an essay on the use of the ganglions of
the nerves. Shrewsb. 1771
- C 13** Journal de pharmacie.
Vol. xvi., xix. Anvers, 1860 and 1863
- C 16** ———, pharmaceutical, and transactions.
Vol. i.—xviii. Lond. 1842-59.
(with gen. ind. to Vol. i.—xv.)
- C 17** 2nd series, Vol. i.—xi. Lond. 1860-70
- C 18** 3rd „ Vol. i.—iv. „ 1871-4
- C 13** ——— de pharmacie et de chimie.
3rd series, Vol. xliii.—xlvi. Par. 1863-4
(xliv. wants two parts.)
- C 13** Kerschoffs (J. R. L.), hygiène militaire.
Maest. 1815
- D 16** Köllicker (A.), manual of microscopic human anatomy.
- C 20** Lettsom (J. C.), history of the origin of medicine.
Lond. 1778
- McDonnell (Robert, *M.D.*), observations on the func-
tions of the liver.
Dublin, 1865
- C 13** Marshall (J.), practical observations on disease of the
heart. Lond. 1835
- C 20** Murray (Carlos) Tratado di Farmacia y Farmacognosa.
Buenos Ayres, 1866
- C 13** Noble (D.), the brain and its physiology.
Lond. 1846

- C 13 Orfila, traité de toxicologie.
2 Vols., 4th ed. Par. 1843
- C 19 Paines Institutes of medicine.
8th ed. New York, 1867
9th ed. „ 1870
- C 13 Pamphlets medical (various). Lond. 1783
- C 13 Pharmacopœia pauperum. Lond. 1820
- C 13 Pole (T.), the anatomical instructor. Lond. 1790
- B 6 Quetelet (A.), physique sociale, ou essai sur le de-
veloppement des facultés de l'homme.
Vol. i., ii. Brux. 1869
- B 6 — Anthropometric ou mesure des différentes facultés
de l'homme. Brux. 1870
- C 16 Record, the British, of obstetric medicine, by Charles
Clay, *M.D.*
2 Vols. Manch. 1848-9
- C 17 Register, the American medical and philosophical.
Vol. i.—iv. New York, 1814
- C 17 Report from the Poor Law Commission, on the sanitary
condition of the labouring population.
2 Vols. Lond. 1842-3
- C 17 —, 1st, of the comm. for inquiring into the state of
large towns.
2 Vols. Lond. 1844
- C 17 —, annual, of the state of the Board of Health of
Massachusetts.
for 1870-1. Boston
- C 17 —, „ of the committee of the Manchester and
Salford Sanitary Association.
for 1865-7, 1870-4. Manchester

- C 17 **Report** annual, of Manchester lunatic hospital. 1851-62
- C 17 —, ,, of the Manchester infirmary. 1815-63
- C 17 — of the royal humane society for 1787-9. Lond.
- C 17 — on insanity and idiocy in Massachusetts, by the
commission on lunacy.
Boston, 1855
- C 17 **Ring** (J.), treatise on the cow-pox with a history of vac-
cine inoculation.
2 Vols. Lond. 1801-3
- C 17 **Roberts** (W., *M.D.*) a practical treatise of urinary dis-
eases. Lond. 1865
- C 17 **Rotureau** (A.), des principales eaux minérales de l'Eu-
rope,—Allemagne et Hongrie.
Par. 1858
- C 20 **Shaw** (A.), narrative of the discoveries of C. Bell in the
nervous system. Lond. 1839
- C 20 **Short** (T.), history of the mineral waters of Scarborough.
Lond. 1734
- C 20 **Synnestredt** (A. S. D.) and **Vors** (Dr. G.) en anatomisk
Beskrivelse Bursae Mucosae, &c.
Christiana, 1869
- C 20 **Transactions** of the Clinical Society of London.
Vol. i.—vi. Lond. 1868-73
- C 18 —, medico-chirurgical.
Vol. xlv.—lvi. Lond. 1861-73
(with index Vol. i.—liii.)
- C 20 —, medical, published by the college of physicians in
London.
Vol. i.—iii. Lond. 1785
- C 20 **Turner** (T.), outlines of medico-chirurgical education.
Lond. 1824

STATISTICS.

- D 1 **Almanack**, Statistical Society, for 1875. London
- D 1 **Brolo** (F. L. di), statistica della istruzione pubblica in
Palermo. 1860
- D 1 **Bulletin** de la société de statistique, &c.
Vol. i.—iv. Grenoble, 1840-8
2d series, Vol. i.—iii. „ 1851-6
- D 1 **Hopkins** (T.), Great Britain for the last forty years.
Lond. 1834
- D 1 **Journal** of the statistical and social inquiry society of
Ireland (*formerly the Dublin statist. soc.*)
Vols. i.—v. Dubl. 1857-70
- D 3 — of the statistical society of London.
Vol. i.—xv. (*with gen. ind.* 1854).
Lond. 1839-52
- D 4 Vol. xvi.—xxxvii. „ 1853-74
(*with ind.* xxvi.—xxxv., 1863-72).
- D 2 **Notes**, statistical of the progress of Victoria.
1835-67. Melbourne
- D 2 **Penot** (A.), statistique générale du département du
Haut-Rhin.
Mulh. 1831
- D 1 **Poinsot** (L.), élémens de statique.
5th ed. Paris, 1830
8th ed. „ 1842

- D 2 Programme of the 4th session of the international statistical congress.
Lond. 1860
- D 2 Quetelet, congres international de statistique de.
Brux. 1873
- D 2 —, „ „ „ „ Florence, 1869
- D 2 —, tables de mortalité et leur développement.
Brux. 1872
- D 2 —, und Heschling-statistique internationale-population.
Brux. 1865
- D 2 Register, statistical of Victoria, with an astronomical calendar, edited by W. H. Archer, for 1855.
- D 2 Report of the proceedings of the 4th session of the international statistical congress.
Lond. 1861
- D 2 —, annual, of the registrar-general of births, deaths, and marriages in England.
Vol. i.—vi. Lond. 1839-44
- D 5 — Vol. ii.—xxxv. Lond. 1840-74
(wants 4, 5, 6, supp. 25th year.)
- D 2 — „ of the President and Treasurer of Harvard College, for 1865-9.
Cambridge, 1866-9
- D 2 —, „ of the commissioner of statistics of Minnesota
for 1860-1. St. Paul, 1862
- D 2 —, „ of the assistant secretary of state of the statistics of Minnesota.
St. Paul, 1870

- D 2 Report of the Bureau of statistics of labour.
Boston, 1870
- D 1 — of committees—Manchester statistical society.
Vol. i.—v. 1835-7 Manch.
- D 1 Returns, annual, statistical of the Manchester police.
for 1865-74. ”
- D 4 Salt (S.), statistics and calculations necessary to persons
connected with railways and canals.
Manch. 1845
- D 4 —, facts and figures principally relating to railways
and commerce.
Lond. 1848.
- D 4 —, railway and commercial information.
Lond. 1850
- D 13 Statistics of the colony of Victoria. 1867-73
Census returns, 1871.
Victorian year-book for 1873. Melbourne
Friendly societies for 1873.
- D 11 Statistik Norges officielle—various subjects.
A. No. 1, 1866-9. C. No. 5, 1869.
2, 1868-71. 6, 1865-6-8-8.
B. 1, 1869. 7, 1865.
2, 1868-9. 8, 1868-9-9-9.
C. 1, 1868-9-9. D. 1, 1869.
2, 1868-9. F. 1, 1869.
3, 1868. F. 2, 1868,
4, 1868.
— budget für marnie afdelingden. 1869
- D 1 Transactions of the Manchester statistical society.
for 1854-70. Manch.

- D 4 Whewell analytical statics. Cambr. 1833
- D 4 Whitehead (James, *M.D.*), rate of mortality in Manchester.
3rd ed. London, 1864
- D 4 Young (Ed., *Ph.D.*), special report on immigration.
Washington 1872

GEOGRAPHY AND TRAVELS.

- D 9 **Adventures, the, of Hatim Tai.**
(Orient. Transl. Fund.) Lond. 1830
- D 6 **Anderson (J.), an account of the Hebrides.**
Edinb. 1785
- D 6 — (Benj.) journey to Musardu.
(with appendix.) New York, 1870
- D 6 **Aperçu général des trois royaumes.**
(Orient. Transl. Fund.) Par. 1832
- D 9 — „ „ atlas.
- D 6 **Barry (M.), ascent to the summit of Mont Blanc.** 1834
- D 6 **Bennett (R. G.) en Wijk (J. van), over de Nederlandsche
ontdekkingen in America, Australië, de Indiën en de
Poollanden.**
Utrecht, 1827
- D 6 **Berg (F. E.), de Nederlanden en het Hanseverbond.**
Utrecht, 1833
- D 6 **Boon (A. van der), geschiedenis der ontdekkingen in de
ontleedkunde van den mensch, gedaan in de Noorde-
lijke Nederlanden.**
Utrecht, 1851
- D 6 **Buchner (F. W.), over den invloed der Noord-Hol-
landsche Droogmakerijgen na 1608 op de gezondheid
der ingezetenen.**
Utrecht, 1826
- D 6 **Bulletin of the American Geographical and Statistical
Society.**
Vol. i, 1., 2., 3., ii. New York, 1852-7
- D 6 **Clairaut, théorie de la figure de la terre.**
2nd ed. Par. 1808

- D 39 Clarke (A. R.), account of the principal triangulation,
 ordnance survey.
 2 Vol. Lond. 1858
- D 39 — (A. R.) determinations of the positions of Feagh-
 man and Haverfordwest.
 Lond. 1867
- D 6 Cosmogony, or the records of the creation.
 By F. G. S. Lond. 1858
- D 9 Dillon (J. T.), travels through Spain.
 2nd ed. Lond. 1782
- D 7 Douglas (J.), dissertation on the antiquity of the earth.
 Lond. 1775
- D 7 Falconer (T.), the voyage of Hanno.
 Lond. 1797
- D 9 Garnett (T.) observations on a tour through the High-
 lands.
 2 Vols. Lond. 1800
- D 9 Grant (J.), voyage of discovery to New South Wales in
 the years 1800-2. Lond. 1803
- D 8 Hausmann (J. F. L.), Reise durch Scandinavien.
 5 Vols. Gött. 1811-18
- D 9 Ibn Batuta, the travels of.
 (Orient. Transl. Fund.) Lond. 1829
- D 7 Isfahani (Sadik), the geographical works of.
 Lond. 1832

- D 7** Journal of the American Geographical and Statistical Society.
Vol. i., ii., 1. New York, 1859
- D 8** Mittheilungen der k. k. geographischen Gesellschaft.
Jahrg. i.—vi. Wien, 1857-67
New Series, i.—vi. „ 1868-74
- D 9** Neumann (C. F.) translations from the Chinese and Armenian.
(Orient. Transl. Fund.) Lond. 1831
- D 9** Parkinson (S.), journal of a voyage to the South Seas.
Lond. 1784
- M 3** Parry (W. E.), Foster (H.), and Ross (J. C.), observations and experiments made at Port Bowen on the figure of the earth, &c.
(from the *Phil. Trans.*) Lond. 1826
- D 9** Pennant (T.), the view of Hindoostan.
2 Vols. Lond. 1798
- D 7** Proceedings of the royal geographical society.
Vol. i.—xviii. (*wants* ii., 1., 2.) Lond. 1856-74
- D 7** Railroad to the Pacific—northern route.
2nd ed., by Edwin F. Johnson. New York, 1854
- D 11** Report of the superintendent of the U. S. coast survey, for 1852-66. Wash. 1853-69
- D 6** Revista trimensal do instituto historico geographico e ethnographico do Brasil.
Vol. xxiii. Rio de Janeiro, 1860

- D 9** Sangermano, description of the Burmese empire.
(Orient. Trans. Fund) Rome, 1833
- D 9** Schmidt (J. F. J.) Beiträge zur physikalischen Geographie von Griechenland.
Athen, 1861
- D 9** Staunton (G.), account of Lord Macartney's embassy to China.
2 Vols. Lond. 1797
- xi** ———— „ „ atlas.
- xi.(u.c.)** Thomas, Karte des Pontus Euxinus.
(*Vid.* Denkschr. d. k. b. Akad. d. Wiss. i Cl. x Bd. 1 Abth.)
- D 9** Tables of the Astronomical and Trigonometrical survey of Massachusetts, by John G. Palfrey. Boston, 1846
- D 7** Transactions of the Bombay geographical society.
Vol. i.—xviii. 1844-68.
- D 11** Trigonometrical survey of India.
Vol. i. Dehra Doon, 1870
- D 7** Wilson (W.), the post-chaise companion through Ireland.
Dubl. 1786

OPTICS.

- D 14 Billet (M. F.), traité de optique physique.
2 Vols. Paris, 1858-9
- D 15 Cauchy (A. L.), mémoire sur la dispersion de la
lumière. Prague, 1836
- D 14 Coddington (H.), an elementary treatise on optics.
2d ed. Cambr. 1825
- D 14 Emerson (W.), the elements of optics (and perspective.)
Lond. 1768
- D 14 Fearn (J.), a rationale of the laws of cerebral vision.
Lond. 1830
- D 14 —, on colour images in the brain.
Lond. 1831
- D 14 Hunt (R.), researches on light. Lond. 1844
- D 14 Newton (I.), optics.
2d ed. Lond. 1718
- D 14 Powell (B.), treatise on optics. Oxf. 1833
- D 14 Priestley, the history of discoveries relating to vision.
Lond. 1772

- D 14 Report of the light-house board.
Washingt. 1852
- D 14 Roscoe (Henry E., *F.R.S.*), spectrum analysis.
London, 1870
- D 14 Schmidt—Lehrbuch, der analytischen optik.
Göttingen, 1834
- D 14 Schorlemmer (C.), die spectral analyse von H. E. Roscoe.
Braunschirilig, 1870
- D 14 Smith (R.), a compleat system of optiks.
Cambr. 1738
- D 14 Sowerby (J.), new elucidation of colours.
London, 1809
- D 14 Wood (J.), the elements of optics.
2d ed. Cambr. 1801

HYDRAULICS AND DYNAMICS.

- D 15 Bateman (J. F.), on the supply of water to the city of
Glasgow. Manch. 1853
- D 15 Beardmore (N.), hydraulic tables. Lond. 1850
- D 15 Beaufoy (M.), nautical and hydraulic experiments.
Vol. i. Lond. 1834
- D 14 Earnshaw (S.), dynamics.
2nd ed. Cambr. 1839
- D 14 Homersham (S. C.), report on the supply of surplus
water to Manchester, &c. Lond. 1848
- D 14 Humphreys (A. A.), and Abbot (H. L.), report on the
physics and hydraulics of the Mississippi river.
Phil. 1861
- D 14 Moseley (H.), a treatise on hydrostatics and hydro-
dynamics. Cambr. 1830
- D 14 Reports on the supply of water to the city of Glasgow.
Manch. 1853
- D 15 Rowlandson, a treatise on earthquakes, &c.
San Francisco
- D 15 Tait (P. G., *M.A.*), sketch of thermo dynamics.
Edinburg.

- D 14 Venturi (J. B.). experimental inquiries applied to various hydraulic phenomena. London, 1799
- D 14 Warr (G. F.), dynamics. Lond. 1851
- D 14 Webster (T.), the theory of equilibrium and motion of fluids. Cambr. 1836
- D 15 Whewell (W.), treatise on dynamics. Camb. 1823
- D 15 — (W.), on the free motion of points (or 1st part of a 2nd ed. of the treatise on dynamics). Cambr. 1832
- D 15 — (W.), on the motion of points (or 2nd part of a 2nd ed. of the treatise on dynamics). Cambr. 1834

MICROSCOPICAL.

- D 16 Beal (Lionel S., *F.R.S.*) how to work the microscope.
4th ed. Lond. 1868
- D 16 Beck (Richard) a treatise on the construction, &c., of
Beck's achromatic microscope. Lond. 1865
- D 16 Brewster (D.), a treatise on the microscope.
Edinb. 1837
- D 16 Catalogue of microscopical preparations in the cabinet
of the Quekett microscopical club. Lond. 1872
- D 16 Carpenter (William B.), the microscope and its revela-
tions. Lond. 1856
- D 16 Crum (Walter, *F.R.S.*), on the cotton fibre.
Glasgow, 1863
- D 16 Goring (C. R.) and Pritchard (A.), micrographia.
Lond. 1837
- D 16 Griffith (J. W.) and Henry (Arthur, *F.R.S.*), micro-
graphic dictionary. Lond. 1860
2nd ed.
- D 18 Journal, microscopic and structural record.
Vols. for 1841-2. Lond. 1841-2
- D 17 —, monthly microscopical, and Transactions of the
Royal Microscopical Society. Lond. 1869-73
Vol. i.—x.
- D 18 — quarterly, of microscopical science.
New Series, Vol. i.—xxii. Lond. 1853-74
- D 19 — of the Quekett microscopical club.
3 Vols. Lond. 1868-74

- D 16 **Kölliker**, manual of human microscopic anatomy.
Lond. 1860
- D 16 **Martin** (John H.), microscopic objects figured and described.
Lond. 1870
- D 16 **Norman** (Geo.), list of diatomaceæ found near Hull.
Hull, 1865
- D 16 **Pritchard** (Andrew), a history of Infusoria, including Demidiaceæ, and Diatomaceæ, British and Foreign.
4th ed. and enlarged by revised by J. T. Arledge, W. Archer, J. Röls, W. C. Williamson, and the author.
- D 16 **Quekett** (John), a practical treatise on the use of the microscope.
3rd ed. Lond. 1855
- D 19 **Report** of the Quekett microscopical club.
Lond. 1866
- D 19 ——— 2nd and 3rd annual.
for 1867-8. London
- D 16 **Roper** (Freeman C. T.) catalogue of works on the microscope, &c., in the library of.
Lond. 1865
- D 20 **Transactions** of the microscopical society of London.
Vol. i.—iii. Lond. 1844-52

PHOTOGRAPHY.

- D 23 Abney (Lieut. R. E., *F.R.A.S.*), instructions in Photography. Chatham, 1871
- D 23 Archiv, photographisches. Berl. 1863-4
No. 37—55 (*No. 40 wanting*).
- D 24 Journal, the Liverpool and Manchester photographic.
New series, Vol i.—ii. Liverpool, 1857-8
- D 24 —, the British, of photography.
Vol. vi.—xv. (*xi. wants No. 213—4*).
Liverpool, 1858-68
- D 23 — of the photographic society of London.
Vol. i.—viii. (*v. wants No. 72*). 1854
- D 25 News, the photographic.
Vol. i.—iv., No. 113—121, Vol. v.—vii.
Lond. 1859-63
- D 23 Notes, photographic, journal of the photogr. soc. of
Scotland, and of the Manchester photogr. soc.
Vol. i.—viii. Lond. 1856-62
(*No. 70, 118, 119, 120, 124 wanting*).

HISTORY AND BIOGRAPHY.

- D 21 Aarbøger for Nordisk Oldkyndighed og Historie,
for 1866-73 (*wanting*)
with Tillag from 1866-72. Copenhagen
- D 21 Abhandlungen der historichen classe der kon : Bayer-
ischen academie der Wissenschaften.
Vol. x., 2, xi., 1. Munchen, 1866-8
- D 27 Adshead (J.), narrative of the wreck of the Rothsay
castle steam packet.
Lond. 1834
- D 27 —, prisons and prisoners.
Lond. 1845
- D 27 —, pamphlets—distress in Manchester.
Lond. 1842
- D 28 Airy (G. B.), essays on the invasion of Britain by Julius
Cæsar.
London, 1865
- D 26 Annales des empereurs du Japon.
(Orient. transl. fund). Par. 1834
- D 27 Arago, historical elege of James Watts.
Lond. 1839
- D 28 Baines (E.), history of the county palatine and duchy
of Lancaster.
4 Vols. Lond. 1836
- D 27 Bamford (S.), passages in the life of a radical.
2 Vols. Heywood, 1842
- D 27 Barrett (J. H.), life of A. Lincoln.
Cincinnati. 1864
- D 27 Baudet (J. H.), Liven en Werken van Willem Jansz
Blaen.
Utrecht, 1871

- D 27 Bayley (H. V.), memoir of. 1846
- D 27 Bergman (Jo. Theod.), memoria Ludovici Carpari
Valckenarii. 1871
- D 27 Berigten van het historisch genootschap te Utrecht.
i.—vii, 2 (*wants* ii., 2; iv.) Utrecht, 1846-63
- D 27 Beuf (E. B. Le), du commerce de Nantes.
Par. 1857
- D 27 Boot (J. C. G.), de vita et Scriptis Petri Wesschingii.
Rhenum, 1874
- D 27 Bulow (M. de), histoire des campagnes de Hohenlinden
et Marengo. Lond. 1831
- D 27 Codex diplomaticus Neerlandicus.
Vol. i., 1, 2. Utrecht, 1848
2d ser., Vol. i.—v. „, 1853-60
- D 27 Coehoorn (Baron van), het leven van, beschreven door
zijnen zoon. Leeuw. 1860
- D 28 Crabb (G.), universal historical dictionary.
2 Vols. Lond. 1825
- D 29 Debates, parliamentary, on the dissenters' chapels bill.
Lond. 1844
- D 29 Dillon (J. T.), history of Peter the cruel, king of Castile
and Leon.
2 Vols. Lond. 1768
- D 28 ———, memoirs of the French revolution.
Lond. 1790
- D 29 Dirks (Henry), the life, times, and scientific labours of
the second Marquis of Worcester.
Lond. 1865
- D 28 Douwama's (Jancko), geschriften.
Leeuw, 1849

- D 28 Drinkwater (J.), a history of the siege of Gibraltar.
2d ed. Lond. 1786
- D 28 —, narrative of the proceedings of the British fleet
commanded by Sir John Jervis.
12—14 Feb. 1797. Lond. 1797
- D 29 — (J. E.), the lives of G. Galilei and J. Kepler.
Lond. 1830
- D 29 Dunckley, (H.), free trade and its results.
Lond. 1854
- D 29 Eastmead (W.), the history of Kirkby Moorside.
Lond. 1824
- D 28 Elisæus, the history of Vartan.
(Orient. transl. fund) Lond. 1830
- D 28 El-Mas'udi's historical encyclopædia.
(Orient. transl. fund) Vol. i. Lond. 1841
- D 21 Ellis (Geo. E.), memoir of Sir Benjamin Thompson,
Count Rumford, with notices of his daughter.
Philadelphia
- D 28 Elogio accademicode Carlo Gemmellaro letto all'academia
Gioenia di scienze naturali. Catania, 1869
- D 28 Fenton, Legislative honors to the memory of President
Lincoln. Albany, 1865
- D 29 Friedlaender (Dr. Ernest), Briefe des Aggaeus de Albuda.
Leeuwarden, 1874
- D 29 Gaskell (W.), a memoir, and sermon on the occasion of
the death of J. A. Nicholls. Lond. 1859
- D 29 Gisborne (T.), familiar survey of the Christian religion.
Lond. 1799
- D 29 Gistel (J.), Maximilliam der Erste. Münch. 1854

- D 29 Goslinga (Sicco van), mémoires relatifs à la guerre de succession de 1706-9 et 1711. Leeuw. 1857
- D 29 Granville (A. B.) the royal society in the 19th century Lond. 1836
- D 29 Greeley (H.), the American conflict. Vol. i. Hartf. 1864
- D 28 Haji Khalifeh, the history of the maritime wars of the Turks. Chapters 1—4. (Orient. transl. fund.) Lond. 1831
- D 29 Harris (W.), epitaphs from the old burying ground in Cambridge, U. S. Camb. 1845
- D 29 Hazin (Sheikh Mohammed Ali), the life of, an autobiography. Lond. 1830
- D 29 Henry (W. C.) memoirs of John Dalton. (Cav. Soc.) Lond. 1854
- D 29 — (Thomas) memoirs of Albert de Haller, *M.D.* Warrington, 1783
- X 13 Histoire de l'académie royale des sciences (recueil des mémoires de l'acad. roy. d. sciences.) from 1666 to 1699. 11 Vols. Par. 1733
- X 15 — de l'académie royale des sciences. from 1699 to 1776. 82 Vols. „ 1718-79
- X 6 — &c. table alphabétique des matières contenues dans l'histoire et les mémoires de l'acad. roy. d. sciences. 7 Vols.
- | | |
|---------------------------|-----------|
| Vol. i., années 1666-1698 | Par. 1734 |
| „ ii., „ 1699-1710 | „ 1729 |
| „ iii., „ 1711-1720 | „ 1731 |
| „ iv., „ 1721-1730 | „ 1734 |
| „ v., „ 1731-1740 | „ 1747 |
| „ vi., „ 1741-1750 | „ 1758 |
| „ vii., „ 1751-1760 | „ 1758 |

- X 7 **Histoire et mémoires** de l'académie royale des sciences,
&c., de Toulouse.
Vol. i.—vi. Paris. 1827-43
3rd series, i.—vi. 1845-50
4th „ i.—vi. 1851-6
5th „ i.—vi. 1857-62
6th „ i.—vi. 1863-4
7th „ i.—v. 1865-69
(with gen. ind. to the first 16 Vols. 1854)
- D 26 **History of London** (and of its vicinity).
Lond. 1793
- D 29 ——— of the war in Bosnia during 1737-9.
Lond. 1830
- D 29 **Hofler**, Chronik von Prag. Prag, 1859
- D 29 **Hoei-lan-ki** ou l'histoire du circle de craie, drame.
Lond. 1832
- D 29 **Holt** (J.), the characters of the kings of England.
Lond. 1794
- D 1 **Hopkins** (T.), Great Britain for the last forty years.
Lond. 1834
- D 30 **Horrox** (J.), memoir of (by Whatton, A.B.)
Lond. 1859
- D 35 **Hubbard** (W.), a general history of New England from
the discovery to 1658. Boston, 1848
- D 30 **Hume** (Rev. A., LL.D.), the learned societies and print-
ing clubs of the United Kingdom. London, 1853
- D 30 **Jean** (G. le), la Bretagne, son histoire et ses historiens.
Nantes, 1850
- D 28 **Jouher**, memoirs of the Mogul emperor Humayun.
(Orient. transl. fund). Lond. 1832
- D 30 **Kronijk van het historisch geselschap te Utrecht**.
Vol. ii.—v. Utrecht, 1846-9

- D 30** **Kronijk** van het historisch genootschap te Utrecht.
 2d ser., i.—v.
 3rd „ i.—v.
 4th „ i.—v.
 5th „ i.
 (*with* gen. index). Utrecht, 1854 to '65
- D 31** **Landslag** (Sveriges Rikes) stadfastad af Konung
 Christopher.
 År 1442. Helsingf. 1852
- D 35** **Letters** from G. Washington to J. Sinclair.
 Lond. 1800
- D 31** **Mackinnon** (W. A.), history of civilisation.
 2 Vols. Lond. 1846
- D 31** **Meer Hussein Ali Khan Kirmani**, the history of Hydur
 Naik.
 (Orient. transl. fund) Lond. 1842
- D 31** ———, „ Tipú Sultan.
 (Orient. transl. fund) Lond. 1844
- D 31** **Mees** (G.), Lambertus Hortensius van Montfoort als
 geschiedschrijver. Utrecht, 1836
- D 35** **Memoirs** of the emperor Jahangueir.
 (Orient. transl. fund). Lond. 1829
- D 35** ——— of the Moghul emperor Timur.
 (Orient. transl. fund). Lond. 1830
- D 31** ——— of a Malayan family.
 (Orient. transl. fund). Lond. 1830
- D 31** **Mir Gholam Hussein-Khan**, history of the Mahomedan
 power in India.
 (Orient. transl. fund), Vol. i. Lond. 1832
- D 31** **Mirkhoud**, history of the early kings of Persia.
 (Orient. transl. fund). Lond. 1832

- D 31 Molesworth (W. N.), on the importance of a close alliance between England and France.
Manch. 1860
- D 26 Monumenta historica Portugalie.
scriptores, i., 1—3. Olisip, 1856-61
leges et consuetudines, i., 1—3. 1856-63
- D 31 Mordacque (L. A.), histoire de Napoleon Bonaparte
Lond. 1832
- D 31 Muller (S.), geschiedenis der Noordsche compagnie.
- D 35 Naima, annals of the Turkish empire.
(Orient. transl. fund), Vol. i. Lond. 1832
- D 35 Neumann (C. F.), translations from the Chinese and Armenian.
(Orient. transl. fund). Lond. 1831
- D 31 Newton (I.), the chronology of ancient kingdoms amended.
Lond. 1728
- D 31 Nicholls (J. A.), a selection from the letters of the late.
1862
- D 31 Ouseley (G.), biographical notices of Persian Poets.
(Orient. transl. fund). Lond. 1846
- D 31 Phillips (J.), memoirs of W. Smith. Lond. 1844
- D 31 Probert (W.), the ancient laws of Cambria. „ 1823
- D 31 Proudfoot (W. J.), biographical memoir of James Dinwiddie, *LL.D.* Liverpool, 1868
- D 31 Ramsay (Geo., *B.M.*), political discourses.
Edin. 1838
- U 18 Ray (J.), memorials of
(Ray Soc.) Lond. 1846
- U 18 ———, the correspondence of
(Ray Soc.) „ 1848

- D 31 Register, the New England historical and genealogical.
Vol. iii. Boston, 1849
- D 31 Rehmüt (Hafiz), the life of. Lond. 1831
- D 31 Report annual, of the state historical society of
Wisconsin.
Vol. i.—ii. Madison, 1855-6
- D 31 Review, the analytical.
Vol. ix. Lond. 1791
- D 34 Richtofen von—de lex Frisionum. Leeuw. 1866
- D 35 St. Croix, critical inquiry into the life of Alexander the
Great. Bath, 1793
- D 34 Santarem (Visconde de) e Silva (L. A. Rebello da), quadro
elementar das relações politicas e diplomaticas de
Portugal.
Vol. ix. Lisboa, 1864
- D 26 Schoolcraft (H. R.), historical and statistical information
respecting the Indian tribes of the United States.
3 Vols. Phil. 1851-3
- D 34 Shah Námeb, the ; (*transl.*) Lond. 1832
- D 34 Simmons (S. F.), an account of the life and writings of
Dr. W. Hunter. Lond. 1783
- D 35 Skrifter det kong. Danske videnskabernes selskabs, femte
række.
hist. og. philos. afdeling.
Vol. i.—iii., iv. Kjøb
- D 34 Smith (W. R.), the history of Wisconsin.
Part 1, Vol. i. ; part 2, Vol. iii. Madison, 1854
- D 32 Spicilegium Romanum.
10 Vols. Roma, 1839-44
- D 34 Schixeden (dalins), Geschichte des Reiches.
Greiswald, 1756
- D 32 Tailliar (M.), recueil d'actes des 12^e et 13^e siècles, en
langue Romane Wallonue. Douai, 1849

- D 35 Tenhove, memoirs of the house of Medici.
2 Vols. Bath, 1797
- D 35 Thompson (T.), history of the royal society.
Lond. 1812
- D 34 Tohfut-Ul-Mujahideen, an historical work.
(Orient. transl. fund). Lond. 1833
- D 33 Transactions of the historic society of Lancashire and
Cheshire.
New ser., Vol. i.—xxvi. Liverpool, 1849-74
- D 34 — of the historical and literary committee of the
American phil. society.
Vol. ii.—iii., 1. Phil. 1838-43
- D 34 Unger (C. R.), Fortælling om Thomas Beckett Erke-
bishop af Canterbury. Christiana, 1869
- D 32 Vervou-van (J. F.), enige aenteekeningen, &c.
Leeuw. 1874
- D 34 Walker (J. C.), historical memoirs of the Irish bards.
Dubl. 1786
- P 5 Wellbeloved (C.), Eboracum or York under the Romans.
York, 1842
- D 35 Weld (C. R.), a history of the royal society.
2 Vols. Lond. 1848
- D 32 Werken, nieuwe serie van, van het historisch gen. te
Utrecht.
No. 1—5, 2 Vols. 1863-66
- D 82 Wheeler (J.), history of Manchester.
Lond. 1836
- D 34 Wicquefort (A. de), histoire des Provinces-Unies.
Vol. i.—iii. Amsterdam, 1861-6

- D 34** Wilkinson (T. T.), history of the parochial church of
Burnley. 1856
- C 3** Wilson (G.), the life of H. Cavendish
(Cav. Soc.) Lond. 1851
- D 34** Worp (van Thabor), Konijk von Friesland.
3, 4, 5 Boek. Leeuw. 1847-71

ENGINEERING, &c.

- N 1** Alban (E.), the high-pressure steam engine.
Parts i, ii., in 1 Vol. Lond. 1847
- N 1** Atwood (G.), a treatise on the rectilinear motion and
rotation of bodies. Cambr. 1784
- N 1** Babbage (C.), on the economy of machinery and manu-
factures. Lond. 1832
- N 1** Banks (J.) treatise on mills. „ 1795
- N 1** ——— on the power of machines. Kendal, 1803
- N 9** Blatt, Bayerisches
Industrie und Gwerbe,
for 1869, (*want* 1, 8, 9,) 1873-4. München
- N 1** Boucharlat (J. L.), élémens de mécanique.
2d ed. Par. 1827
- N 1** Bridge (B.), treatise on mechanics. Lond. 1814
- N 1** Carpenter (W. B.) mechanical philosophy, horology, and
astronomy. Lond. 1844
- N 8** Clark (D. K.), the exhibited machinery of 1862.
Lond. 1864
- N 1** Cresy (E.), an encyclopædia of civil engineering.
Lond. 1847
- N 9** Diagrams of the steam engine. Lond. 1848
- N 1** Earnshaw (T.), an appeal claiming the invention of
improvement in timekeepers. Lond. 1808

- N 1** Edgeworth (R. L.), on the construction of roads and carriages. Lond. 1813
- N 8** Emerson (W.), the principles of mechanics.
3d ed. Lond. 1773
5th ed. „ 1800
- N 1** ——— (W.) tracts.
Containing—1, mechanics or the doctrine of motion.
2, the projection of the sphere.
3, the laws of centripetal and centrifugal force,
new ed. Lond. 1793
- N 1** Engineering education, 1868-70.
(council of the institution of engineers.)
Lond. 1870
- N 1** Fairbairn (W.), an experimental inquiry into the strength and other properties of cast iron.
Manch. 1838
- N 8** ———, an account of the construction of the Britannia and Conway tubular bridges. Lond. 1849
- N 8** ———, on the application of cast and wrought iron to building purposes. Lond. 1854
2d ed. „ 1857-8
- N 8** ———, useful information for engineers. „ 1856
- N 1** 2d ser. „ 1860
3rd ser.
- N 1** ——— iron, its history, &c. Edinb. 1861
- N 1** ——— treatise on mills and millwork.
Parts 1, 2. Lond. 1861-3
- N 1** ——— history and progress of iron shipbuilding. „ 1865
- xi. (l.c.) Fincham's outline of ship-building, atlas to.
- N 1** Francœur (L. B.), traité de mécanique.
4th ed. Par. 1807
- N 1** Francis (James B.), on the strength of cast-iron pillars, &c. New York, 1865

- N 1 Galloway (E.), history of the steam engine.
Lond. 1836
- N 8 Girard (P. S.), traité analytique de la résistance des
solides. Paris, 1798
- N 1 Gregory (O.), a treatise of mechanics.
3rd ed. 2 Vols. 1815
- N 1 Grove (W. R.), on the correlation of physical forces.
Lond. 1846
- N 1 Hann (J.) and Dodds (J.), mechanics for practical men.
Newc.-upon-Tyne, 1833
- N 1 ———, theoretical and practical mechanics.
Lond. 1848
- N 1 Heather (J. F.), treatise on mechanics.
Part 1. Lond. 1847
- N 1 Hodgkinson (E.), researches on the strength of iron
beams. Manch. 1831
- N 5 ———, experimental researches on the strength and other
properties of cast iron, a supplement to Tredgold's
work. Lond. 1846
- N 1 Illustrations, elementary, of the celestial mechanics of
Laplace.
Part 1. Lond. 1821
- N 10 Iron.
Vol. i.—iv. (iii. *incom.*) London, 1873
- N 9 Journal, practical mechanics'.
1st ser., vii.—viii. London, 1854-7
2d „ i.—ix. „ 1857-65
3rd „ i. (*impt.*) ii. „ 1865-7

- N 1** Kindt (J.), cours de mécanique physique.
Brux. 1834
- N 4** Kirkaldy (D.), results of an inquiry into the strength
of iron and steel. Glasg. 1862
- N 9** ———, experimental inquiry into the mechanical pro-
perties of Fagersa steel. London, 1873
- O 9** Koninklijk instituut van Ingenieurs.—Te S'Grarenhage.
Algemeen verslag. 1847-70
Register ob de Werken. 1847-69
Tijdschrift. 1869-75
Uittreskells uit vreem Tijdschriften. 1849-69
Verhandelingen. 1848-50—1852-69
- N 10** Kupfer, recherches sur l'élasticité des métaux.
Vol. i. St. Pétersb. 1860
- N 9** Lagrange (J. L.), mécanique analytique.
2d ed., 2 Vols. Par. 1811-15
- N 4** Laplace, a treatise upon analytical mechanics.
(Translated by Rev. John Toplis, *B.D.*)
Nottingh. 1814
- N 9** Lean (T. and Brother), statement of the improvements
made in the duty performed by the steam engines in
Cornwall. Lond. 1839
- N 10** Lectures delivered at the Royal Engineer Establish-
ment, Chatham, during 1868-72. in 1 Vol.
- N 4** Lloyd (B.), an elementary treatise of mechanical phil-
osophy.
Vol. i., 2d ed. Dubl. 1835
- N 4** Love (G. H.), mémoire sur la résistance du fer.
Par. 1852
- X 6** Machines et inventions approuvées par l'acad. royale
des sciences.
Vol. i.—vii., for 1666-1754. Par. 1735-77

- P 8 **Magazine**, the mechanics'.
new series, Vols. i.—xxvii. Lond. 1859-72
- N 9 **Mallet**, report on the application of the atmospheric
system to railways. 1844
- N 4 **Marrat** (W.), an introduction to mechanics.
Bost. 1810
- N 9 **Marshall** (W. P.), description of the patent locomotive
steam engine of R. Stephenson. Lond. 1838
- N 2 **Minutes** of proceedings of the institution of civil en-
gineers.
Vol. i.—xxxvii. Lond. 1837-73
- N 4 **Morin** (A.), aide-mémoire de mécanique pratique.
2d ed. Par. 1838
- N 4 ——— leçons de mécanique pratique—résistance des
matériaux. Par. 1853
- N 4 ——— résistance des matériaux.
2d ed. Par. 1857
- N 4 **Moseley** (H.), the mechanical principles of engineering
and architecture. Lond. 1843
- N 4 **Navier**, résumé des leçons de mécanique. Par. 1841
- N 4 **Palmer** (H. R.), description of a railway on a new
principle.
2d ed. Lond. 1824
- N 4 **Pambour** (F. M. G. de), treatise on locomotive engines.
Lond. 1836
- N 5 **Papers** on subjects connected with the duties of the
corps of royal engineers.
new ser., Vol. i.—xxii, (*want* xxi.)
index 1837-74 Lond. 1851-74

- N 4** Poisson (S. D.), traité de mécanique.
2d ed., 2 Vols. Paris, 1833
- N 4** Poncelet (J. V.), introduction à la mécanique
industrielle.
2d ed. Metz, 1841
- N 4** ———, traité de mécanique appliquée aux machines.
Part 1. Liège, 1845
- N 4** Potter (R.), an elementary treatise on mechanics.
Lond. 1846
- N 6** Proceedings of the institution of mechanical engineers.
1847-73 Birm.
- N 4** ——— of the Scottish shipbuilders' association.
1860-65 Glasgow
- Prony (R.), mécanique philosophique. Par. 1799
- N 10** ———, leçons de mécanique analytique.
2 Vols. „ 1815
- N 4** Rankine (W. J. M.), manual of civil engineering.
3rd ed. Lond. 1864
- N 4** ——— „ „ „ 1862
- N 4** ———, manual of the steam engine and other prime
movers. „ 1859
- N 4** ———, applied mechanics. „ 1858
- N 4** ———, manual of machinery and millwork. „ 1869
- N 9** Rawson (R.), the screw propeller. „ 1851
- N 10** Report, parliamentary, on metropolitan drainage.
„ 1857
- N 10** ———, „ on submarine telegraph cables.
„ 1861
- N 10** ——— on the highways of the kingdom. „ 1808
- N 10** ——— of the commissioners to investigate the application
of iron to railway structures.
2 Vols. Lond. 1849
- D 15** ——— on the supply of water to the city of Glasgow.
Manch. 1853

- N 5** Robison (J.), elements of mechanical philosophy.
Vol. i. Edinb. 1804
- N 10** Scott (D.), the engineer and machinist's assistant.
2 Vols. Glasgow, 1847
- N 5** Schyanoff (Alexandre), essai sur la metaphysique des
forces. Kiew, 1868
- N 5** Simpson (T.), miscellaneous tracts on mechanics, &c.
Lond. 1757
- D 11** Survey, the great Trigonometrical, of India, by Col.
J. T. Walker, *R.E., F.R.S., &c.*
Dehra Doon, 1870
- N 7** Transactions of the institute of engineers in Scotland.
Vol. i.—xvii. Glasg. 1858-74
- N 7** ——— of the iron and steel institute.
Vol. i. Newcastle-u.-Tyne, 1870
- P 9** ——— of the institution of civil engineers.
Vol. i.—iii., (*with gen. ind.*) 1826-42
- N 8** ——— of the North of England institute of mining en-
gineers.
Vol. i.—xxiii. Newc.-on-Tyne, 1853-74
- N 5** Tredgold, practical essay on the strength of cast iron
and other metals.
4th ed., pts. 1, 2. Lond. 1842-6
- N 7** Walker (R.), elements of the theory of mechanics.
Oxf. 1830
- N 7** Whewell (W.), an elementary treatise on mechanics.
3rd ed. Cambr. 1828
- N 7** ———, the first principles of mechanics. „ 1832
- N 7** Whitworth (J.), papers on mechanical subjects.
Lond. 1858

- N 7** Whitworth (J.) report of the Armstrong and Whitworth Committee, &c. 1866
- N 10** Wicksteed (T.), experimental inquiry concerning the relative power of the Cornish, Boulton, and Watt pumping engines. Lond. 1841
- N 7** Williams (C. W.), on the combustion of coal.
Part 1, 2d ed. Lond. 1841
- N 7** — on the combustion of coal and the prevention of smoke. Lond. 1854
- N 7** — (Jno.), the natural history of the mineral kingdom.
Vol. i., ii. Edinb. 1810
- N 7** — (C. W.), on heat in its relations to water and steam. Lond. 1861
- N 7** Wilson (R.), the screw propeller. Glasg. 1860
- N 7** Wray (Col. Henry), on the practice of construction (course of instruction) at the school of engineering Chatham. 1872
- N 7** Wood (J.), the principles of mechanics.
5th ed. Cambr. 1812
- N 7** — (N.), treatise on railroads. Lond. 1838
- O 10** Zeitschrift des österreichischen Ingenieur-Vereines, 1862-73.
Vol. xiv.—xxv. (*want xviii*) Wien

* AGRICULTURE.

- 0 1 **Anderson (J.)**, recreations in agriculture and natural history.
2 Vols. Lond. 1799-1800
- 0 1 ———, essays relating to agriculturo.
3rd ed., 2 Vols. Edinb. 1784
- 0 1 **Annales** des sciences physiques et naturelles, publiées par la société nationale d'agriculture, &c., de Lyon.
2d series, Vol. i.—vi. 1849-54
3rd „ i.—xi. 1857-67
4th „ i.—iv. 1868-72
- 0 1 ——— de la société d'agriculture, science, arts, et com-
merce, du Puy.
Vol. xxiv.—xxix. Le-puy, 1861-8
- 0 2 **Bulletin** agricole de l'arrondissement de Douai.
No. 1. Douai, 1873
- 0 2 ——— de la société d'agriculture, &c., de la Sarthe.
1st ser., Vol. iii.—viii. Le Mans, 1840-48
2d „ i.—xiii. „ 1850-71
- F 7 **Chronicle**, Gardeners. 1841-70 London
- 0 2 **Hunter (A.)**, outlines of agriculture.
2d ed. York, 1797
- 0 2 ———, georgical essays.
6 Vols. „ 1803-4

- 0 2 **Journal** of the Bath and West of England society for
the encouragement of agriculture.
New ser., Vol. i.—xii., 1. Lond. 1852-68
- 0 3 ——— of the chemico-agricultural society of Ulster.
New ser., Vol. iv.—vi., 9. Belfast, 1860-4
- 0 3 ——— of the royal agricultural society of England.
Vol. i.—xxv. Lond. 1840-64
(with index to Vol. i.—xvi.)
2d ser., Vol. i.—x. (with index i.—x.) ,, 1865-74
- 0 5 ——— and transactions of the board of agriculture of
Upper Canada.
Vol. i.—iii. Toronto, 1856-9
- 0 2 **Letters** on agriculture, &c., by the society instituted at
Bath.
2 Vols. (Vol. i., 2d ed.) Bath, 1783
- 0 4 **Mémoires** de la société impériale d'agriculture, sciences, et
arts, d'Angers.
New series, iii., 3. Angers, 1860
- 0 4 ——— de la société d'agriculture, &c., du département de
la Marne.
année 1856—73 (*want* 1861, 5, 6.)
Châlons-sur-Marne
- 0 4 ——— de la société royale et centrale d'agriculture,
sciences, et arts, du département du Nord.
ann. 1829-30, 1848-9.
2d series, Vol. i.—xi., 1849-72
(with gen. ind. to the 1st series, 1826-50).

- 0 4 **Mémoires** de la société d'agriculture, &c., du départements de l'Aube.
 Vol. xiv.—xxxvii. (*wanting* xxx.—xxxiv.)
 (*with gen. index*, 1822-46) Troyes, 1847-73
- 0 4 **Observations** on timber trees. By Agricola.
 Edinb. 1777
- 0 4 **Recueil** des travaux de la société d'agriculture, &c., d'Agen.
 Vol. iii.—ix., 1834-59, (Vol. iv. *wanting*.)
 2d series, Vol. i., 1863, pt. 2.
- 0 5 — des travaux de la soc. libre d'agriculture, &c., de l'Eure.
 3rd ser., Vol. v.—viii. Évereux, 1859-63
 4th „ i., 1
- 0 5 **Report**, general, on enclosures, drawn up by order of the board of agriculture. Lond. 1808
- 0 5 — annual, of the board of agriculture of the state of Ohio, 1854-72. (*want* 1870) Columbus
- 0 5 — monthly of the department of agriculture.
 For 1848-9, '66, '67, '69, '73. Washington
- 0 5 — of the Commissioner of Agriculture.
 For 1868, '71, '72. „ 1872-4
- 0 5 — „ „ of Agriculture and Arts of Ontario.
 For 1868-9. Toronto
- 0 6 **Revue** agricole, &c., publ. par la soc. imp. d'agriculture, &c., de l'arrondissement de Valenciennes.
 Vol. xv, 6, 7, 8.—xxvii. 1862-74
- 0 6 **Séance** publique de la société d'agriculture, &c., du départ. de la Marne.
 For 1836-55, (*wanting* 1840, 1844.) Châlons

- 0 6 Transactions of the New York state Agricultural
Society.
Vol. ii., for 1867. Albany, 1868
- 0 6 — of the Wisconsin state Agricultural Society.
For 1869-73. Madison
- 0 6 Wimpey (J.), essays on rural improvements.
Lond. 1775

CATALOGUES.

- 0 7 **Alphabetische lijst der Leden van de Maatschappij der
Nederlande letterkunde Teteden.** June, 1871.
- 0 7 **Bibliotheca Chethamensis.**
5 Vols. of suppl., *and* suppl. index.
Manch. 1791-1863
- 0 7 **Bibliothek, die, der Oberlausitz, Gesellsch, der Wis-
sensch. alphabetisch verzeichnet.**
2 Vols. Görlitz, 1819
- 0 7 **Bibliothèque de M. le Baron de Stassant.**
Bruxelles, 1863
- 0 8 **Botfield (B.), notes on the cathedral libraries of England**
Lond. 1849
- 0 7 **Busch (A. L.), system. Verzeichniss der Bibliothek d.
k. Univ. Sternwarte.** Königsb. 1852
- 0 7 **Calendar, the, of Owens College, Manchester.**
- 0 8 **Catalogue of printed books in the British Museum.**
Vol. i. Lond. 1841
- 0 8 — of printed books and manuscripts in the library of
the Society of Antiquaries of London. „ 1816
- 0 8 — „ „ and „ in the library of
the Royal Institution of British Architects. „ 1865
- 0 8 — „ in the Advocates' Library.
Parts i.—iii. Edinb. 1863-7
- 0 8 — of the library of the great seal patent office.
Titles.
part 2, index. Lond. 1857-8
- 0 8 — of the royal Asiatic Society's library. „ 1830

- 0 8 Catalogue of the library of the London institution.
4 Vols. Lond. 1835-52
- 0 7 — „ library of the Manchester mechanics' institution. 9th ed. Manch. 1869
- 0 7 — „ library of the Manchester Geological Society
Salford, 1875
- 0 8 — „ library of the Academy of the Natural Sciences of Philadelphia, for 1836.
- 0 8 — „ library of the Surgeon General's office, U. S. America.
Vols. i.—iii. Wash. 1873-4
- 0 7 —, classified, of the library of the Roy. Geogr. Society, to Decem. 1870. Lond. 1871
- 0 7 —, a new classified, of the library of the Royal Institution of Great Britain, by B. Vincent. „ 1857
- 0 7 — of the library of the Pharmaccutical Society of Great Britain. „ 1873
- 0 7 — of the library of the institution of civil engineers. 3 Vols. Lond. 1837, 51, 66
- 0 7 —, official descriptive, for the kingdom of Italy—international exhibition. Lond. 1862
- 0 7 — of the Calcutta public library. Calc. 1846
- 0 7 — of the manuscripts in the library of the university of Cambridge.
Vol. i.—iii. Cambr. 1856-8
- 0 7 — of the library of the Manchester Athenæum, 1846
- 0 7 — of the Manchester foreign library. 1862
- 0 8 — of the books in the Manchester free library—reference department. Manch. 1864
- 0 7 — of the library of the medical society. „ 1835
- 0 7 — of the Portico library. „ 1856
- 0 7 — of the library of the literary and philosophical society. Newcastle, 1848-58
- 0 7 — of the library of the American philosophical society.
Pt. 2, 1866. Phil. 1824

- 0 7 **Catalogue** of the scientific books in the library of the
royal society. Lond. 1839
- 0 7 — of miscellaneous literature in the library of the
royal society. „ 1841
- 0 7 — „ manuscript „ „ 1840
- 0 7 — of the historical manuscripts in the Arabic and
Persian languages preserved in the library of the royal
Asiatic society of Great Britain, &c., by W. H. Morley.
Lond. 1854
- 0 7 — of the officers and students of Harvard university,
1866-9. Cambridge
- 0 8 — de la Bibliotheque de la société des sciences
naturelles de Cherbourg.
Parts 1—2. 1870
- 0 8 **Catalogus** librorum impressorum bibliothecæ Bodleianæ.
4 Vols. Oxon. 1843-51
- 0 7 — Universatis Harvardianæ, for 1866-9.
Cantabrigiæ
- 0 8 — librorum impressorum bibliothecæ regiæ academiæ,
Upsalensis.
3 Vols. Upsal. 1814
- 0 7 — van de boekerij der k. akad. v. wetensch.
Vol. i.—ii. Amst. 1858-66
- 0 7 — der Bibliotheek van het Bataviaasche Genootschap.
eerste Vervolg. Batavia, 1864
- „ „ „ „ eerste Ver. „ 1872
- 0 7 — der Echnologische afdeeling van het museum van
het Batav. genoots. „ 1868
- der numismatische afd. „ „ „ 1869
- 0 7 — der bibliotheek van het Friesch gen. v. geschied-
oudheid-en taalkunde.
Vol. i., ii. Leeuw. 1862-71
- 0 7 — der Archeologische Verzamling van het provincial
Utreschtsch Genoots. Utrecht. 1868
- 0 7 **Catalogo** das publicacões da Academia real das sciencias
de Lisboa. Lisboa, 1865

- 0 7 **Directory**—naturalists.
Part 1. N. America and West Indies.
Salem, 1865
- 0 7 **List**, a, of the books of References in the reading room
of the British Museum. 1859
- 0 7 **Naamlijst** der Boeken van het Historisch Genootschap.
Utrecht. 1865
- 0 8 **Report** of the Council of the Manchester free libraries.
For 1865, 74. Manch.
- 0 7 **Repertorium** sämmtlicher Schriften der Kön Bönischen
Gesell der Wissenschaften, 1769-1868. Prag. 1869
- 0 8 **Struve** (O.), catalogus librorum in bibliotheca speculæ
Pulcovensis. Petrop. 1860
- 0 7 **Verzeichniss** Oberlausizischer Urkunden.
Parts 1—9, (*wants* after p. 80 of part 9.)
Görl. 1799-1824
- 0 7 — der Bibliothek der kön akad. der Wissens. in
Berlin. Berliu. 1874

ARCHITECTURE AND ARCHÆOLOGY.

- P 3** **Archæologia**, or miscellaneous tracts relating to antiquity,
published by the society of antiquaries of London.
Vol. xi.—xxx. (Vol. xviii., 1, 26, *wanting*).
Lond. 1794-1844
2 Vols, gen. ind. „ 1809, 1844
Vol xxxi.—xliv., 1. „ 1846-73
- P 7** **Berndenkmal**er Niedersachens herausgegeben von dem
Archit. und Ing. ver zu Hannover.
Vol. ii., 10, 12. iii., 13, 17.
- P 7** **Beiträge** zur Förderung der Kunst in den Gewerken,
herausg. von dem Archit. u. Ing. Verein f. d. K.
Hannover.
Vol. i., 1—6. 1858-63
- P 1** **Billington** (J.), the architectural director. Lond.
- P 7** —, **Notiz**, des Architekten-und Ingenieur-Vereins für
das Königr. Hannover.
Vol. ii., iii. 1852-4
- P 5** **Brewer** (J. N.). account of various palaces and public
buildings. Lond. 1821
- P 1** **Clay** (C., *M.D.*), Currency of the Isle of Man from its
earliest appearance, &c. Douglas, 1869
- P 1** **Collections** of the Dorchester antiquarian and historical
society.
Vol. i.—iii. Boston, 1844-50
- P 5** **Farrer** (J.), notice of Runic inscriptions in the Orkneys.
1862

88 ARCHITECTURE AND ARCHÆOLOGY.

- P 1 Hekekyan Bey, a treatise on the chronology of Siriadic monuments. Lond. 1863
- P 1 Hull (E., *M.A.*, *F.R.S.*), a treatise on the building and ornamental stones of Gt. Britain and Foreign countries. London, 1872
- P 7 Janssen (L. F. J.), de Romeinsche beelden en gedenk steenen van Zeeland. Middelb. 1845
- P 7 —, „ „ „ Plates.
- P 1 Kenrick (Revd. John, *M.A.*, *F.S.A.*), a selection of papers on subjects of archæology and history, communicated to the Yorkshire Philosophical Society. London, 1864
- P 1 Lieblein (J.), recherches sur la chronologie égyptienne. Christiana, 1873
- P 1 Mémoires de la société académ. d'archéologie, sciences, et arts du département de l'Oise. Vol. iv., 3. Beauvais, 1861
- P 2 — de la société royale des antiquaries du Nord, 1840-60, 1866-72. Copenhagen
- P 6 Papers, &c. sessional; royal institute of British Architects. 1853-74. (1870-1, *incomp.*) London
- P 1 Pasley (C. W.), on limes, calcareous cements, &c. Part 1. 2d ed. Lond. 1847

- P 5 Perrin (André) etude préhistorique sur la Savoie. Paris 1870
- P 1 Pickett (W. V.), new system of architecture. Lond.
- P 1 Proceedings of the society of antiquaries of London.
Vol. ii.—iv. 1853-9
New ser. i.—v. 1859-73
- P 1 ——— of the Manchester Numismatic Society.
Pts. 1.—7. 1864-9
- P 2 ——— of the Sommersetshire archæological and natural
history society.
Vol. iii.—xix. Taunton, 1853-74
- P 7 Rám Ráz, essay on the architecture of the Hindús.
(Asiat. Soc. of Gt. Britain). Lond. 1834
- P 5 Rendiconto della reale accademia di archeologia lettere
e belle arti.
1864. No. 1—6. 2 pts. Napoli
- P 5 Rondelet (J.), traité de l'art de batir.
5 Vols. Par. 1838
- xi ——— „ „ atlas.
- P 5 Shepherd (T. H.), and Elmes (J.), metropolitan im-
provements. Lond. 1827
- P 2 Tidsskrift, antiquarisk, udgivet af det kong. nordiske
oldskriftselskab, 1843-63. Kjöb.
- D 21 Tillæg til aarbøger, for. Nordiske Oldkyn dighed og
Historic. 1866-72. Copenhagen
- P 5 Transactions, of the Royal Institute of British
Architects.
Vol. i., 2. London, 1842

90 ARCHITECTURE AND ARCHÆOLOGY.

- P 5 Wellbeloved (C.), Eboracum, or York under the Romans.
York, 1842
- P 1 ———, account of the antiquities in the museum, &c.,
of the Yorkshire philos. society.
4th ed. York, 1861
- P 1 Wilde (W. R.), catalogue of the antiquities in the
museum of the royal Irish academy. Dubl. 1857
- P 7 Zeitschrift des Architekten-und Ingenieur-Vereins für
das Königreich Hannover.
Vol. i.—xx. (*with* ind. to Vol. i.—viii.) 1855-74

ASTRONOMY.

- R 1** **Airy** (G. B.), account of the Northumberland equatorial and dome. Cambr. 1844
- R 1** **Alfonso** (Rey, x de Castilla), libros del saber de astronomia. 5 Vols. Madrid, 1863-67
- Q 1** **Almanac**—the nautical and astronomical ephemeris.
For 1845, 1873, and suppl. to 1853-64.
Lond. 1842-63
- R 3** **Annaes** do Observatorio do Infante D. Luiz em Lisboa.
i.—viii. Lisboa, 1864-70
- L 1** **Annalen** der k. Sternwarte bei München.
i.—xx., *with* supp. i.—xiii. (*want* v. 5.)
Münch. 1848-74
- L 2** ——— der k. k. Sternwarte in Wien.
3rd ser. i.—xx. Wien, 1851-70
- R 1** **Annales** de l'observatoire royal de Bruxelles.
Vol. ii.—xxi. (*wanting* xi.) Bruxelles, 1842-64
- R 1** ——— de l'observatoire impérial de Paris.
Vol. i.—iii. Par. 1855-7
- R 8** ——— de l'observatoire physique central de Russie.
année 1847-61, (ann. 1849 *wanting*).
St. Pétersb. 1850-73
- R 1** **Annals** of the astronomical observatory of Harvard College.
Vol. i.—iv., 1. (*wants* ii., 2.) Camb. 1856-63
- Q 1** **Bailly** (J. S.), histoire de l'astronomie.
(historical text only.) 2 Vols. Par. 1805
- R 1** **Baily** (F.), an account of J. Flamsteed.
To which is added his British catalogue of stars.
Lond. 1835

- R 1 Baily (F.), the catalogue of stars of the British association for the advancement of science. Lond. 1845
- R 2 Beer (Wilhelm) und Mädler (Dr. Heinrich), Der Mond nach seinen Köpfnischen und individuellen Verhältnissen oder allgemeine vergleichende Selenographie. (*with* map of the moon in four parts. Index, &c.)
- R 1 Beobachtungen, astronomische, zu Bonn. Vol. i.—vii. (*with* F. W. A. Argelander, Hülfs tafeln, &c., Bonn, 1852, as a suppl. to Vol. ii) Bonn, 1846-69
- R 3 ——— astronomische, in Königsberg. i.—xxvi. Königsb. 1815-70
- R 1 Bishop (G.), astronomical observations. Lond. 1852
- R 3 Carrington (R. C.), observations of the spots on the sun. Lond. 1863
- R 3 ———, a catalogue of 3735 circumpolar stars, observed at Redhill, in 1854-6, and reduced to mean position for 1855. Lond. 1857
- R 3 Catalogue of 1112 stars reduced from observations at the royal observatory, Greenwich, from 1816-33. Lond. 1833
- R 2 ——— of 7385 stars chiefly in the southern hemisphere, by W. Richardson. London, 1835
- R 2 ——— of 1159 stars, Royal Observatory Cape of Good Hope, 1856-61. Cape Town
- R 3 ——— de 514 étoiles doubles et multiples, decouvertes sur l'hémisphere celeste boreal, &c., et catalogue de 256 étoiles doubles principales, &c. St. Petersb. 1843
- R 2 Cooper (E. J.), catalogue of stars near the ecliptic. Vol. i.—iv. Dubl. 1851-6
- R 2 ——— cometic orbits. Dubl. 1852
- Q 22 Correspondence concerning the great Melbourne telescope, 1852-70. London

- R 2 Darby (W. A.), the astronomical observer. Lond. 1864
- Q 3 Effemeridi astronomiche per l'anno. 1775—1868.
(wanting 1780, 3, 5; 1796, 7, 9; 1800, 4, 5, 7; 1833, 9). Milano
- Q 2 Emerson, a system of astronomy. Lond. 1769
- R 2 Fedorenko (Ivan), positions moyennes pour l'epoque de 1790, des étoiles circompolaires, &c., publiées par Jerome Lalande. St. Petersb. 1854
- Q 5 Gassendi (P.), institutio astronomica, cui accesserunt G. Galilei nuntius siderius et J. Kepleri dioptrice.
 2d ed. Lond. 1653
- R 2 Gauss (C. F.), theory of the motion of the heavenly bodies by C. H. Davies. Boston, 1857
- Q 5 Grant (R.), history of physical astronomy. Lond. 1852
- xi Greg (R. P.) and Herschel (A. S.), atlas of the charts of meteor tracts from 1845—1866. „ 1867
- R 2 Groombirdge (S.), a catalogue of circumpolar stars.
 „ 1838
- R 2 Halley (E.), astronomical tables. Lond. 1752
- R 3 Hansen (P. A.), tables de la lune. „ 1857
- R 2 — et Olufsen (C. F. R.), tables du soleil, and suppl. 1857. Copenhagen, 1853
- R 3 Herschel (C. and W.), catalogue of stars.
 (Roy. Soc.) Lond. 1798
- R 4 — (J. F. W.), results of astronomical observations made during 1834-8 at the Cape of Good Hope.
 Lond. 1847
- R 3 — observations of nebulæ, &c., made at Slough between 1825 and 1833. Lond. 1833

- Q 6** **Horroccius** (J.), opera posthuma ; accedunt G. Crabtræi observationes cœlestes, J. Flamstedii de temporis æquatione diatriba et numeri ad lunæ theoriam Horroccianam. Lond. 1673
- R 2** **Jahres**—bericht dem Comité der Nicolai Hauptsternwarte 1865-73. St. Petersb.
- Q 9** **Johnson** (M. J.) and **Main** (R.), the Radcliffe catalogue of 6317 stars. Oxf. 1860
- R 2** —, a catalogue of 606 principal fixed stars. Lond. 1835
- R 2** **Journal**, the astronomical.
Vol. i., ii., v., vi Cambr.-Albany, 1851-61
- R 2** **Karsten** Simplicii commentarius.
in iv libros, Aristoteles de cœlo. Rhen.
- Q 2** **Kemplay** (C.), comets, their construction and phases. Lond. 1859
- R 2** **Kirchhoff** (G.) researches on the solar spectrum, &c.
2 parts, by Prof. Roscoe. Lond. 1862-3
- Q 6** **Lacaille** (de), a catalogue of 9766 stars in the southern hemisphere. Lond. 1847
- R 3** — arc of meridian.
Vol. i., ii. By Sir Thomas Maclear. ,, 1866
- Q 6** **Lalande** (J. de), a catalogue of stars. ,, 1847
- R 2** **Laplace** (P. S.), traité du mécanisme céleste.
5 Vols. Par. 1798-1825
- R 2** —, exposition du système du monde.
4th ed. Par. 1813
- Q 6** —, system of the world.
(*Transl.* by H. H. Harte.) 2 Vols. Dubl. 1830

- R 4 **Memoirs**, of the astronomical society of London.
Vol. iii.—xl. Lond. 1827-74
- R 2 **Memorie** dell' osservatorio dell' universita Gregoriana in
collegio Romano. Roma, 1843-50
- R 2 — del nuovo osservatorio del collegio Romano.
Roma, 1857
- R 2 — dell' osservatorio del collegio Romano.
Nuova serie, i.—ii. Roma, 1857-63
- R 2 **Mittheilungen**, astronomische, von der Königl. Stern-
warte zu Göttingen, 1869.
- R 2 **Nachrichten**, astronomische.
Vol. lxii.—lxxxiv. Altona, 1864
- R 4 **Nasmyth**—The Moon.
- Q 7 **Notices**, monthly, of the astronomical society of London.
Vol. i.—xxxiv. (*want* 3, 5, 19, 20).
Lond. 1831-64
- R 3 **Observations**, astronomical.
Vol. i.—xx. Cambr. 1829-64
- R 4 —, „ „
Vol. i.—xiii. Edinb. 1838-70
- R 2 — astronomiques faites à l'observatoire de Genève
dans 1841-52.
3 Vols.
- R 5 — astronomical, made at the royal observatory at
Greenwich from 1750 to 1862.
2 Vols. Oxf. 1798-1805
„ from 1765—1872. Lond. 1776-1874
- R 3 — astronomical; ordnance survey. Lond. 1842
- Q 8 — „ made at the Radcliffe observatory.
Vol. i.—xxxii. Oxf. 1842-72
- R 2 — „ at the U.S. naval observatory.
Wash. 1846—52, 61—4, 7, 9, 70, 1

- R 2** Observations, astronomical; taken during 1862-4 by
Joseph G. Barclay, Esq., *F.R.S.A.*, at Leyton, Essex.
London, 1865-70
- R 5** — de Pulkova par Otto Struve.
Vols. i.—v. St. Petersburg. 1869-73
- R 3** Pearson (W.), introduction to practical astronomy.
3 Vols. 1824-9
- Q 6** Penrose, letters philosophical and astronomical.
Plymouth, 1789
- Q 6** Phillips (R.), on the proximate causes of the material
phenomena of the universe. Lond. 1821
- R 3** Piazzi (Joseph), *præcipuarum stellarum inerrantium
in eunte sæculo xix. ex observationibus habitis, &c.*
Panomi, 1874
- Q 6** Pontecoulant (M. G. de), *théorie analytique du système
du monde.*
3 Vols. Paris, 1829-34
- Q 6** Proctor (Richard A.), Saturn and its system.
Lond. 1865
- Q 6** — — — — — The Sun. „ 1871
- R 3** — — — — — Star atlas. „ 1870
- R 3** — — — — — Star atlas. 2d ed. „ 1870
- R 3** Publicationen der astronomischen Gesellschaft.
Vols. i.—xiii. Leipzig, 1865-74
- R 5** Pubblicazioni del reale osservatorio di Biera in Milano.
No 1, 2, 3, 7, pt. 3a. 1873
- Q 6** Quetelet (A.), notices extraites de l'annuaire de l'obser-
vatoire royal de Bruxelles pour 1864, 6—71, 3, 4.
- R 10** Radcliffe catalogue of 6317 stars.
By Johnson (M. J.), and Main (R.) Oxford, 1870
- R 10** — — — — — of 2386 stars. By Main (R.). „ 1870

- R 5 **Recueil de mémoires des astronomes de l'observatoire central de Russie.**
 Vol. i., ii. St. Petersburg. 1853-9
- R 5 **Reduction of the observations of the moon, made at the royal observatory, Greenwich, from 1750 to 1830.**
 2 Vols. Lond. 1848
- R 5 ——— „ from 1831 to 1851. „ 1859
- R 5 ——— „ of planets, made at the royal observatory, Greenwich, from 1750 to 1830. „ 1845
- R 5 **Report of the astronomer of the marine committee, Mersey Docks and Harbour Boards for 1869, '70-2.**
 Liverpool
- Q 9 **Results of astronomical observations at Durham.**
 For 1846—52. 2 Vols. 1849-55
- Q 9 ——— „ „ of the royal observatory, Cape of Good Hope.
 For 1856-7. Cape Town, 1871-2
- R 5 **Robinson (T. R.), astronomical observations.**
 Vol. i., parts 1—3. Lond. 1829-32
- Q 9 ——— places of 5345 stars. Dubl. 1859
-
- R 5 **Schiaparelli (G. V.), note e riflessioni intorno alla teoria astronomica delle stelle cadenti.** Firenze, 1867
- Q 9 **Simms (W.), the achromatic telescope.** Lond. 1852
- R 5 **Sines, versed, used in computing lunar distances.**
 „ 1856
- Q 10 **Smyth (W. H.), cycle of celestial objects.**
 2 Vols. „ 1844
- R 5 ——— (C. P.), report on the Teneriffe astronomical experiment of 1856. „ 1858
- Q 10 **Somerville (Mrs.) mechanism of the heavens.** „ 1831

- Q 10 **Struve** (F. G. W.), observationes astronomicae.
Vol. i.—vi. Dorpat, 1817-30
- R 5 ———, arc du méridien de $25^{\circ} 20'$ entre le Danube et la
mer glaciale, mesuré depuis 1816 jusqu'en 1855.
Vol. i., ii. (*with atlas to Vol. i.*)
St. Petersburg. 1860-57
- R 5 ——— (O.), Tabulæ quantitatum Besselianarum pro
annis 1750 ad 1840 computato.
- R 5 ———, „ „ 1875 ad 1879
- R 5 ———, „ „ auxiliares ad transitus per
planum primum verticale reducendus inservientes.
Petropoli, 1868
- Q 10 **Svanberg** (J.) exposition des opérations faites en
Laponie, pour la détermination d'un arc du méridien.
Stockh. 1805
- R 5 **Tables** of fixed stars for 1825, as made use of in the
computation of the Greenwich standard catalogue.
- R 5 ——— for 23 fixed stars, in leap year.
- R 5 ——— for 40 „ „
- Q 10 ——— of navigation and natural astronomy, by J. de
Mendoza Rios.
2d ed. London, 1809
- R 5 **Taylor** (T. G.), result of astronomical observations.
Vol. i.—v. Madras, 1832-39
- R 5 **Treatise** on astronomy, from the encyclopædia Britannica.
7th ed. Edinb. 1831
- Q 7 **Vierteljahrschrift** der astronomischen Gesellschaft.
Vols. i.—viii. Leipzig, 1866-7
- R 5 **Weisse** (M.), positiones mediæ stellarum.
St. Petersburg. 1863

- Q 10 Whewell (W.), astronomy and general physics.
Lond. 1833
- Q 10 Wolfers (J., *Ph.*), Tabulæ reductionem observationum
astronomicarum.
annos 1860 usque ad 1880. Berlin, 1858
- R 5 Wollaston (F.), fasciculus astronomicus.
Lond. 1800
- R 5 Zach (F. de), fixarum præcipuarum catalogus novus.
Gothæ, 1792
- Q 10 —, tabulæ aberrationis et mutationis.
2 Vols. Gothæ, 1806-7

METEOROLOGY.

- L 1 **Aarvog**, Meteorologiske institut.
From 1867-71. Christiana, 1872
- L 6 **Abstracts** from the meteorological observations taken at
the stations of the Royal Engineers in the years 1853-9
and 1860-1. Lond. 1862
- L 6 **Anales del Observatorio de Marina de San Fernando**,
1870-2. San Fernando
- L 1 **Annales de l'observatoire royale de Bruxelles**.
Vols. xx., xxi. (3 Nos. 1871—1873.) 1865-70
- L 6 **Ballot** (C. H. D. Buys), Sur la marche annuelle du ther-
momètre et du baromètre en Neerlande.
Amsterd. 1861
- L 1 **Beobachtungen**, meteorologische.
Parts 1, 2 (for 1837-63.) Christiana, 1862-65
- L 1 ——— „ in Dorpat. 1866-71
- L 6 ——— „ Schweizerische von der natur-
forschen Gesellschaft, 1864-72. Zurich
- L 2 ———, meteorologische, an der k. k. Sternwarte in Wien
von 1775 bis 1855, i.—v. Wien, 1860-66
- L 6 ———, meteorologische, in Zürich. 1837-46
- L 6 **Blodget** (L.) climatology of the United States.
Philadelphia, 1857
- L 6 **Bulletin**, meteorologique mensuel de l'observatoire de
l'université d'Upsal. 1871-2
Vol. i.—iv.
- L 6 **Bulletino meteorologico dell'osservatorio del collegio
Romano**.
Vol. i. Roma, 1862
- L 6 ——— „ „ „ „ real collegio,
Carlo Alberto in Moncalieri. Turin, 1868-71

- L 6** **Burder** (W. C.), the meteorology of Clifton.
Bristol, 1863
- xi** **Charts** of the surface temperature of the South Atlantic Ocean, published under the authority of the meteorological office. London, 1869
- L 6** **Cornellisen** (J. E.), on the temperature of the sea at the south point of Africa. Utrecht, 1853
- L 6** ——— *Zeilaanwijzingen van Java naar kanaal.*
Deel i. Utrecht, 1868
- L 1** **Dalton** (J.), meteorological observations and essays.
Lond. 1793
- " " 2d ed. Manch. 1834
- L 1** **Daniell** (J. F.), meteorological essays.
2d. ed. Lond. 1827
- xl.** — **Direction** and strength of the wind at the Liverpool observatory. 1852-7
- L 6** **Discussion** on the meteorological and magnetical observations made at the Flag-staff Observatory in 1858-63 by Geo. Neumayer, *Ph. D.* Mannheim, 1867
- L 6** **Dove** (H. W.), the distribution of heat, &c.
London
- L 6** **Elliott** (C. M.), meteorological observations at Singapore, 1841-5. Madras, 1850
- L 6** **Espy** (J. P.), second, third, and fourth reports to the secretary of the navy on meteorology.
Wash. 1851-7
- L 2** **Harris** (W. S.), on the nature of thunderstorms.
Lond. 1843

- L 3 **Kaemtz** (L. F.) a complete course of meteorology.
Lond. 1845
- L 3 **Kelland** (P.), theory of heat. Cambr. 1837
- L 3 **Lavoisier**, essays on atmospheric air. Warr. 1873
- L 3 **Lawson** (H.), on the placing of thermometers. 1845
- L 3 **Leslie** (J.), an experimental inquiry into the nature and
propagation of heat. Lond. 1804
- L 3 **Lowe** (E. J.), treatise on atmospheric phenomena. 1846
- L 3 ——— natural phenomena.
Part 1. Lond. 1870
- L 3 **Luckcock** (J.), essays on the theory of the tides.
Lond. 1817
- L 3 **Margollé** (E.), les phénomènes de la mer. Par. 1861
- L 7 **Maury** (M. F.), explanations and sailing directions to
accompany the wind and current charts.
4th ed. Washingt. 1852
- L 3 **Meteorology of England.**
By James Glaisher, 1857—1871. (*incomplete.*)
Edinburgh
- L 7 ——— Scottish, 1856-71. Edinburgh
- L 3 **Meteorologie de la Belgique, comparée à celle du Globe,**
par Ad. Quetelet. Bruxelles, 1867
- L 7 **Observations, Thomas Ainsworth's.** Whitehaven
- L 7 ———, meteorological, for 1841, '44, '45, '46, '50.
Madras
- L 4 ———, meteorological, of the United States in Utah,
Idaho, and Montano. Washington, 1873
- L 7, ———, météorologiques faites à Nijné-Taguilsk, 1857-65.
Paris, 1860-6
- L 4 ———, „ „ à Luxembourg, par F.Reuter.
For 1854-63. Luxembourg, 1867

- L 7 Östergaard (C. C.), Mossin (L. A.), Kragh (J. M. P.),
Rudolph (C. N.), Bloch (F. P. E.), *observationes me-
teorologicæ per annos 1832-54 in Grönland factæ.*
Havniæ, 1856
- L 7 Papers, meteorological, published by authority of the
board of trade.
No. 1—11. Lond. 1857-62
- xi ——— (atlas of charts *with* No. 10 and 13.) and for square
3. (*want* No. 4.)
- L 3 Priestley (J.), experiments and observations on different
kinds of air. 3 Vols. Birm. 1790
- L 3 Proceedings of the British Meteorological Society.
Vol. i.—v. Lond. 1862-71
- L 5 ——— and transactions of the Meteorological Society of
Mauritius.
Vol. v. 1861
- L 5 Reductions of the meteorological observations made at
the Roy. Horticultural Gardens, Cheshwick, by James
Glaisher, *F.R.S.*, in the years 1826-9. Lond. 1871
- L 5 Rees (R. van), uitkomsten der meteorologische waarne-
mingen te Utrecht, 1839-43. Utrecht, 1844
- L 5 Register, meteorological, from 1831 to 1842, at the
military posts of the United States. Wash. 1851
- L 5 Relatorio do serviço do Observatorio do Infante do Luiz
no anno meteorologico do 1863-4. Lisbon
- L 8 Remarks to accompany monthly charts of meteorologi-
cal data for square, iii.
- ix ——— month chart „ „ „ iii.
- R 8 Repertorium für Meteorologie von Kaiserlichen Akade-
mie der Wissenschaften, de St. Petersburg.
Vols. i.—iii., 1870-4.

- L 8 **Report**, Quarterly Weather, of the Meteorological Office for 1869-72. (*with* charts, 10—13.)
London, 1869-72
- L 8 — of the Meteorological Committee of the Royal Society, for 1868-73. London
- L 5 —, official of the Committee of the Meteorological Office.
Nos. 8, 11—13, 21—23. London, 1871-5
- L 5 —, non-official of the Committee of the Meteorological Office.
Nos. 1—3, 6—9. London, 1869-74
- L 5 — of the Meteorology of Scotland for 1857-63.
(*Incomplete.*) Edinburgh
- L 8 — of the Meteorological Reporter of the Government of Bengal—abstracts 1868-73. Calcutta
- L 8 — on the Calcutta cyclone of October, 1864, by Lieut. Col. J. E. Gastrell and Hy. T. Blandford.
Calcutta, 1866
- L 8 **Results** of meteorological observations made under the direction of the U.S. patent office and the Smithsonian institution, from 1854 to 1859.
Vol. i.—ii., 1. Wash. 1861
- L 8 — of 25 years' meteorological observations for Hobart Town by F. Abbott.
No. 1, 2. 1866-72
- L 5 **Saussure** (H. B. de), *essais sur l'hygrométrie.*
Neuchatel, 1783
- L 5 **Smeaton** (J.), experimental enquiry concerning the natural powers of wind and water.
2d ed. Lond. 1796
- L 8 **Smith** (R. A.), report on the air of mines and confined places. Lond. 1864
- xl. **Storm**—atlas Norske meteorologiske instituts by H. Mohn. Christiana, 1870

MAGNETISM AND ELECTRICITY.

- M 3** Archives de l'électricité par M. A. de la Rive.
Vol. i.—v. Paris, 1841-5
- M 2** Aldini (J.), an account of the late improvements in galvanism. Lond. 1803
- M 1** Ampère, mémoires sur l'action mutuelle de deux courans électriques, sur celle qui existe entre un courant électrique et un aimant ou le globe terrestre, et celle de deux aimans.
- M 1** Annals of electricity, magnetism and chemistry, conducted by W. Sturgeon.
Vol. i.—vii. Lond. 1837-41
- M 2** Annuaire magnétique et météorologique du corps des ingénieurs des mines de Russie, année 1841-6.
(1844 *wanting*). Pétersb. 1843-49
- M 2** Beccaria (G.), treatise on artificial electricity.
Lond. 1776
- M 1** Becquerel, traité de l'électricité et du magnétisme.
6 Vols. Par. 1834-40
- M 2** Beobachtungen, magnetische und meteorologische, zu Prag.
Jahrg. i.—xxxiv. Prag. 1841-71
- M 2** Bestimmungen, magnetische und geographische Orts—, im österreichischen Kaiserstaate.
Jahrg. i.—v. (1846-51). Prag. 1848-52
- M 1** Cavallo (T.), treatise on electricity.
3 Vol., 4th ed. Lond. 1795
- M 1** Cuthbertson (J.), practical electricity and galvanism.
Lond. 1807

- L 10 Observations made at the magnetic and meteorological observatory at Batavia.
Vol. i. Batavia
- L 10 — made at the magnetical and meteorological observatory, 1845-57. Bombay, 1846-58
- L 9 —, magnetical and meteorological, made at the Royal Observatory, Greenwich, in 1840-7. Lond.
- M 3 — faites à l' observatoire magnétique et météorologique de Helsingfors, i, 1, ii, 1, iii, 1, iv, v. 1850-73
- M 3 Parry (W. E.), Foster (H.), and Ross (J. C.), observations and experiments made at Port Bowen on the figure of the earth, &c., (*from the Phil. Trans.*) Lond. 1826
- M 3 Pasley (T. H.), the philosophy of mesmerism. Lond. 1848
- M 3 Peart (E.), on electric atmospheres. Gainsb. 1793
- M 3 Priestley (J.), the history of electricity. 2d ed. Lond. 1769
- M 1 Proceedings of the London electrical society, 1841-3. Parts 1—8.
- M 3 Reslhuber (P. A.), über das magnetische Observatorium in Kremsmünster und die vom Jahre 1839-50 aus den Beobachtungen abgeleiteten Resultate. Wien, 1854
- M 3 —, magnetische Beobachtungen zu Kremsmünster in den Jahren 1851, 1856. Wien, 1856-61
- M 3 Risultati delle osservazioni sull' elettricismo atmosferico institute nel R. osservatorio di Modena. 1870
- L 9 Sabine (E.), observations made at the magnetical and meteorological observatory at Toronto in Canada. Vol. i. — iii. Lond. 1845-57

- L 9** Sabine (E.), observations made at the magn. and meteor. observatory at St. Helena.
Vol. i., ii. Lond. 1847-60
- L 9** —, observations on days of unusual magnetic disturbance.
Vol. i. Lond. 1851
- L 9** —, observations made at the magn. and meteor. observatory at the Cape of Good Hope.
Vol. i. Lond. 1851
- M 1** Scoresby (W.), magnetical investigations.
Parts 1, 2. Lond. 1839-43
- M 3** Sturgeon (W.), scientific researches. Bury, 1850
- M 3** Transactions and proceedings of the London electrical society from 1837 to 1840. Lond. 1841
- M 3** Trevandrum—magnetical observations, by John Allan Brown, *F.R.S.*
Vol. i. Lond. 1874
- M 1** Wilkinson (C. H.), essay on the Leyden phial. ,, 1798
- M 1** —, elements of galvanism. 2 Vols. ,, 1804

NATURAL HISTORY.

- V 9** *Abhandlungen* von der Senckenbergischen naturforschenden Gesellschaft.
Band i.—viii. Frankf. a.M. 1854-72
- U 1** — der naturforschenden Gesellschaft zu Görlitz.
Vol. i.—xiv. (*wants* iii., 1; viii.), *with* Karte zu v. Möllendorffs Regenverhältnisse.
Görlitz, 1827-71
- V 9** — der naturforschenden Gesellschaft zu Halle.
Band i.—xii. Halle, 1853-73
- U 1** — des zoologisch-mineralogischen Vereines in Regensburg.
Heft i.—vi., 1849-56, viii.—ix., 1860-4.
— herausgegeben vom naturwissenschaftlichen verein zu Bremen. (*See Jahresbericht.*)
- U 23** *Acta nova academiae Cæsareæ.*
Vol. i.—x. Norimbergae, 1751-1821
- V 10** — *nat. curios*, der Kaiserlichen Leopoldinocarolinischen, deutschen akademie der Naturforcher.
Vol. x.—xxxvi. Bonn, 1821-73
(*wanting* suppl. to xiii.—xiv.)
See Verhandlungen.
- U 1** *Actes de la Société Linnéenne de Bordeaux*, 1856-72.
Vol. xxi.—xxvi., xxvii., 2; xxviii.
- U 1** *Agassiz* (L.), *histoire naturelle des poissons d'eau douce de l'Europe centrale.* Neuch. 1842
— and *Gould* (A. A.), *principles of zoology.*
- U 34** — (L.), *monographie d'Echinodermes vivan^s et fossiles.*
Neuchatel, 1842
- U 18** — *Bibliographia zoologiae et geologiae.*
4 Vols. (Ray Soc.) Lond. 1848-54

- W 13** Alder (J.), and Hancock (A.), a monograph of the British nudibranchiate mollusca.
Vols. i.—vii. (Ray Soc.) Lond. 1844-55
- W 13** Allman (C. J.), a monograph of the Gymnoblasic or Tubularian Hydroids.
part 2, 1872. (Ray Soc.) London
- W 13** ——— a monograph of the fresh-water polyzoa.
(Ray Soc.) Lond. 1856
- U 2** *Annales des sciences naturelles.*
Zoologie.
4th ser., Vol. xviii.—xx.
(with gen. index i.—xx.) Paris, 1862-3
5th ser., i.—xvi. Paris, 1864-72
- U 2** *Annals of natural history*, conducted by W. Jardine, &c.
Vol. i.—xx. Lond. 1838-47
- U 3** ——— and magazine of natural history.
3rd ser., Vol. i.—xx. „ 1858-67
4th „ Vol. i.—xiv. „ 1868-74
- U 5** ——— of the lyceum of natural history of New York.
Vol. iii.—x. New York, 1859-71
- U 5** *Annual of the Boston Society of Natural History.*
Vol. i. 1868-9. Boston, 1868
- U 5** *Arbeiten des naturforcher vereins zu Riga.*
New ser., Vol. i. (pt. 2 *wanting*.) Riga, 1865
- U 5** *Archiv für die Naturkunde Liv-, Ehst-und Kurlands.*
2d series, (biology) Vol. i.—iv., vi.
Dorpat, 1854-64
- U 5** ——— des Vereins der Freunde der Naturgeschichte in
Meklenburg.
Part 4—28. Neubrand. 1847-74
- U 18** Baird (W.), the natural history of the British entomo-
straca. (Ray. Soc.) Lond. 1850

- U 6 Bericht der Oberhessischen Gesellschaft für Natur- und Heilkunde, 5—12, 14. Giessen, 1859-67
- U 6 — des Offenbacher Vereins für Naturkunde. 1—14, (*wanting* 9, 11, 12). Off. am Main, 1860-73
- U 6 — über die österreichischen Literatur der Zoologie, Botanik und Mineralogie aus den Jahren 1850-53. Wien, 1855
- U 6 — über die Verhandlungen der naturforschenden Gesellschaft zu Freiburg, 1867—1873. Vol. iv., 1867—v., 2—vi., 1, 2, 3.
- U 6 — über die Senckenbergische naturforschende Gesellschaft, 1868-73. Frankfort-am-Main
- V 9 — Sitzungen, der naturforschenden Gesellschaft zu Halle, for 1870-3.
- U 6 — „ Gesellschaft zur Beförderung der gisammten Naturwissenschaften in Marburg. 1866-73
- U 6 Beitrag zur einer monographie der Sciarinen von Joh. Winnertz. Wien, 1867
- U 6 Bernardin (M.), classification de 250 matières tennantes. Gand. 1872
- U 6 — nomenclature de 550 fibres textiles. „ 1872
- U 6 Bidrag till Finlands naturkänmedom, etnografi och statistik, utgifna af Finska vetenskapsocieteten. i.—x. Helsingfors, 1857-64
- W 13 Bijdragen tot de dierkunde, uitg. door et genootschap : natura artis magistra (*now* het k. zoolog. genootschap). Parts 1—9. Amst. 1848-69
- U 6 Blackwall (J.), rescarches in zoology. Lond. 1834
- W 13 —, a history of the spiders of Great Britain and Ireland. parts 1, 2. (Ray Soc.) Lond. 1861-4
- V 21 Blatt, Tage der deutscher naturforschen und aerzte, in Frankfort am Main, 1867. 41 Versamling, 1, 8 (1867).

- V 16** Blytt, Christiana omegns phanerogamer og. Bregner.
Christiania, 1870
- W 26** Boott (Francis, *M.D.*), illustrations of the genus *Carex*.
London
- U 16** Bowerbank (J. S.), a monograph of the British spongiadæ.
Vol. i.—iii. (Ray Soc.) Lond. 1864-74
- U 14** Brauer (F.), Monographie der Oestridenten. Wien, 1863
- U 6** Bronn (H. G.), über die Gestaltungs-Gesetze der Naturkörper. Leipz. 1858
- U 7** Bulletin de la société Linnéenne de Normandie.
Vol. i.—iv., vi.—ix. Caen, 1856-64
- U 7** — of the museum of comparative zoology at Harvard College.
Vol. ii.—iii., 1. Cambridge, 1870-1
- U 7** — mensuel Société Linnéenne du Nord de la France.
Vol. i., ii., iii., *incomplete* (1872-5).
- U 8** — de la société impériale des naturalistes de Moscou.
Vol. xxvi.—xlvi. (1859, No. 2 *wanting*).
Moscou, 1853-73
- W 13** Carpenter (W. B.), introduction to the study of the foraminifera. (Ray Soc.) Lond. 1862
- U 7** Catalogue of the Mollusca in the collection of the central museum of Madras. Madras, 1867
- V 21** — illustrated, of the museum of comparative anatomy at Harvard College, No. 3.
(North American Astracæ) by H. A. Hague.
Cambridge, 1871
- F 7** Chronicle, Gardener's, 1841-70. London
- U 15** Conditions and Doings of the Boston Society of Natural History, 1865-8. (*See Reports.*)
- U 7** Conspectum avium picinarum, by Carolus J. Sunderall.
Stockholm, 1866

- U 7 **Correspondenzblatt** des Veriens für Naturkunde zu
Presburg.
Jahrg. i., ii. 1862-3
- U 7 — des zoolog. mineral. Vereines in Regensburg.
Jahrg. i.—xxiii. 1847-69
- U 7 — des naturf. Vereins zu Riga.
Jahrg. ii.—xix. (*want* viii.) 1847-72
- U 7 **Cuvier** (G.), le regne animal.
5 Vols. Par. 1829
- U 18 **Darwin** (C.), monograph on the Cirripedia.
" " Lepadidæ. Lond. 1851
" " Balanidæ
and Verrucidæ. Lond. 1854
2 Vols. (Ray. Soc.)
- V 21 **Denkschriften** der k. Akad. der Wissensch.; math.-
naturwiss. Classe.
Vol. i.—xxxiii. Wien, 1850-74
- W 13 (i.—vi., fol., i. plates.)
- V 22 — des naturforcher Vereins zu Riga. 1870
- V 23 —, neuc, de algemeincn Schweizerischen Gesellschaft
für die gesammten Naturwissenschaften.
Vol. xi.—xxvi. (xix. *wanting*.) Zürich, 1850-74
- V 18 **Diatomeen** der hohen tatra van J. Schuman.
Wien, 1867
- U 7 **Dircks**,—nature study. London, 1869
- U 18 **Douglass** (Jno.W.) and **Scott** (John).
British Hemiptera. Vol. i. (Ray Soc.)
- W 13 **Ehrenberg**, Passat Staub und Blut regen. Berlin, 1849
- U 7 **Entomological** correspondence, by T. W. Harris, *M.D.*
Boston, 1869
- Y 1 **Eversmann** (E.), fauna lepidopterologica Volgo-Uralen-
sis. (*see Kasan papers*.) Casani, 1844

- U 7 **Festschrift** von der Naturforschenden Gesellschaft in
Basel, 1867
- W 13 **Flower** (William H., *F.R.S.*), Recent memoirs on the
Cetacea, edited by Proffs. Eschricht, Reinhart, and
Lilljeborg. (Ray Soc.) London, 1866
- W 13 **Forbes** (E.), monograph of the British naked-eyed
medusæ. (Ray Soc.) Lond. 1848
- U 10 **Garten**, der zoologische, &c.
Jahrg. v., 1. Frankf. a. M. 1864
- U 10 **Gistel** (J.), die Mysterien der europäischen Insectenwelt.
Kempten, 1856
- U 10 **Gould** (August. A.), report on the Invertebrata of
Massachusetts, edited by W. G. Binney. Boston, 1870
- W 13 **Günther** (A. C. L. G.), the reptiles of British India.
(Ray Soc.) Lond. 1864
- U 10 **Harvey** (Dr.), **Humphreys** (J. D.), and **Power** (Dr.),
contributions towards a fauna and flora of the county
of Cork. Lond. 1845
- U 10 **Heller** (Proff. Cam.), die Zoophyten und Echinodermen
des Adriatischen meeres. Wien, 1868
- U 10 **Hincks**, British Hydroid Zoophites.
Vol. i.—ii. London
- W 13 **Huxley** (T. H.), the oceanic hydrozoa.
(Ray Soc.) Lond. 1859
- U 10 **Jahresbericht** der Naturhistorischen Gesellschaft.
zu Hannover, 1870-2
- U 10 — des Naturwissenschaftlichen Vereins zu Bremen.
3 Vols. 1866-73

- U 10 *Jahrbücher des Vereins für Naturkunde im Herzogthum Nassau.*
Heft iii.—xxviii. Wiesbaden, 1846-74
- U 11 *Journal, Boston, of natural history.*
Vol. i.—vii. Boston, 1834-63
- U 11 — of the proceedings of the Linnean society; zoology.
Vol. i.—xi. Lond. 1857-73
- U 11 *Künstler (Gustav), die unsern kullurpflanzen schädlichen Insekten.*
Wien. 1871
- U 11 *Lawrence (W.), lectures on the natural history of man.*
3rd ed. London, 1823
- U 11 *List of the vertebrated animals in the gardens of the Zoological Society.*
London, 1872
- U 11 *Lowe (E. J.), conchology of Nottingham.* Lond. 1853
- W 13 *Martyn (T.), dictionary of natural history.*
2 Vols. Lond. 1785
- W 13 *McIntosh (W. C., M.D., F.L.S.), a monograph of the British Annelids.*
part 1. (Ray Soc.) London, 1873
- U 12 *Magazin, nyt, for naturvidenskaberne.*
Vol. x.—xviii. Christiana, 1857-71
- U 12 *Magazine of natural history, conducted by J. C. Loudon, &c.*
Vol. i.—ix. Lond. 1829-36
new ser., Vol. i.—iv. Lond. 1837-40
- U 13 *Melsheimer (F. E.), catalogue of the coleoptera of the U.S.*
Wash. 1853
- U 13 *Mémoires de la société Linnéenne du nord de la France.*
Vol. ii.—iii., 1868-73. Amiens, 1870-3

- U 13 *Mémoires de la société Linnéenne du Calvados*, 1824,
1825 (*with* 4to atlas). Calvados
- V 24 — de la société de physique, et d'histoire naturelle de
Genève.
Vol. ii.—xxiii., 1823-72. (4to atl. to iii.; *wants* iv.)
Genève
- V 23 — de la société impériale des naturalistes de Moscou.
Vol. v. Moscou, 1817
- V 23 — nouveaux, „
Vol. x.—xiii. 1855-60
- V 33 — de la société Linnéenne de Normandie.
Vol. vi.—xii. Par. 1838-62
- V 33 — de la société du muséum d'histoire naturelle de
Strasbourg.
Vol. iii.—vi. 1840-70
- V 33 *Memoirs of the Boston Society of Natural History*.
Vol. i. (ii. *incomplete*) Boston, 1866
- U 13 — of the Wernerian Natural History Society.
Vol. i.—viii. Edinb. 1811-39
- V 34 — of Natural History, by M. Sars.
Christiana, 1865-72
- U 13 *Mittheilungen der naturforschenden Gesellschaft in
Bern*, Nr. 331—744. 812—27. 1855-74
- U 14 — der naturforschenden Gesellschaft in Zürich.
Vol. i.—iv. 1849-56
- U 34 *Monographie d'Echinodermes, vivants of fossiles*.
par Louis Agassiz. Neuch. 1842
- U 14 — der Oestriden, von Fredk. Bauer.
Wien, 1863
- U 14 *Mühle (H. v. d.) Monographie der europäischen Sylvien*
Regensb. 1856
- U 14 *Naturalist, the Canadian, and geologist*.
Vol. vi.—viii.
New Ser., Vol. i.—vi. Montreal, 1861-72

- W 11 **Notiser** ur sällskapetets pro fauna et flora fennica förhandlingar; bihang till acta soc. scient. Fenn.
Part 1—3. Hels. 1848-57
- W 10 **Notizen** aus dem Gebiete der Natur-und Heilkunde, von L. F. v. Froriep.
Vol. i.—l. Weimar, 1822-36
neue Vol. i.—xl. „ 1837-46
3er Reihe Vol. i.—xi. 1847-9
—, Frorieps „ Jahrg. 1856-60
- U 23 **Norwickii** (Proff. Dr. Max), ueber die Weizenverwusten (*Chlorops Fæniopus Mag.*) Wien, 1871
- U 18 **Oken** (L.), elements of physiophilosophy. Lond. 1847
- W 13 **Parker** (A.), monograph on the structure and development of the shoulder, girdle, and sternum in the Vertebrata. (Ray Sec.)
- U 14 **Pritchard** (J. C.), researches into the physical history of mankind.
3rd ed., 5 Vols. Lond. 1836-47
- U 15 **Proceedings** of the Boston Society of Natural History.
Vol. iii.—xv. (xiii., xiv. *incomplete.*) 1848-73
- U 16 — of the Bristol Natural History Society.
Vol. i.—vii. Bristol, 1866-72
- U 15 — of the Dublin University Zoological and Botanical Association.
Vol. i.—ii., 1. 1858-60
- U 15 — of the Natural History Society of Dublin.
Vol. iii., iv. 1863-4
- U 16 — of the Natural History Society of Glasgow.
Vol. i., 1. Glasgow, 1868
- U 15 — of the Lyceum of the Natural History Society of New York.
Vol. i. New York, 1870

- U 16 **Proceedings** of the Zoological Society of London, for years 1830-73, (*with* Indices, 1848-70.) London
- U 17 — of the committee of science, &c., of the zool. soc. of London.
No. 1—8. 1830-1
- U 16 — of the Berwickshire Naturalists' Club.
Vol. i.—iv. (*incomplete*) v.—vii. 1863-71
- U 11 — of the Linnean Society. (*Vid. journal.*)
- U 17 **Quetelet** (A.), a treatise on man. Edinb. 1842
- U 18 **Ray** (J.), memorials of. (Ray Soc.) Lond. 1846
- U 18 —, the correspondence of. („) „ 1848
- U 19 **Report**, annual, of the trustees of the museum of comparative zoology at Harvard College, for 1866-8, '70-3
Boston
- U 19 — „ of the Plymouth Institute and Devon and Cornwall Natural History Society.
Vol. i., ii., iv., 4. 1855-72
- U 18 **Reports** on zoology for 1843, 1844.
(Ray Soc.) Lond. 1847
- U 18 — on the progress of zoology and botany, 1841-1842.
(Ray Soc.) Lond. 1845
- T 7 — of the United States Geological Survey of the territories.
Vol. v., zoology and botany. Washington, 1873
- U 18 —, and address of the West Kent Natural History Society, &c., for 1870-2-3. Greenwich
- V 34 **Resa** (kongliga Svenska fregatten *Eugenies*) omkring Jordan zoologi.
Parts 1—6. Stockh. 1857-68
- V 34 **Researches**, Asiatic. Vol. xix., part 2. Calc. 1839
- U 18 **Review**, the natural history.
Vol. i.—vii. London, 1854-60

- U 18 Review, the natural history: a quarterly journal of
biological science.
2d ser., Vol. i.—v. Lond. 1861-5
- U 19 Revolt, the, of the bees. 2d ed. Lond. 1830
- V 34 Richardson (J.), Swainson (W.), and Kirby (W.), fauna
Boreali-Americana.
2 Vols. Lond. 1829-31
- U 19 Rowland (A.), the human hair. Lond. 1853
- V 34 Schriften, neueste, der naturforschenden Gesellschaft
in Danzig. Vol. i.—vi. 1820-73
- V 34 ——— der naturf. Ges. in Danzig.
New ser., Vol. i.—ii. 1863-71
- A 20 ——— der Ges. zur Beförderung der gesammten Natur-
wissenschaften zu Marburg.
Vol. i.—x. (*with* 5 pts. suppl.) 1823-72
- U 19 Séance publique de la société Linnéenne de Normandie.
Caen, 1835-6
- U 19 Separatabdruck Naturwissenschaftliche abhandlungen
des Zoologisch-Botanisch Vereins in Wien. 1856
- W 13 Slater (Philip L., *F.R.S.*), Nitzsch's pterglography.
(Ray Soc.) London, 1867
- V 35 Skrifter det kong. Danske videnskabernes selskabs,
femte række; naturv. og mathem. afdeling.
Vol. ii.—ix. (Vol. viii. *wants* No. 1).
Kjöb. 1851-61
- V 35 ——— Vol. i.—viii., do. do. afhandlinger.
Kjöb. 1824-41
- U 18 Steenstrup (J. S.), on the alternation of generations.
(Ray Soc.) Lond. 1845
- V 34 Stieda (Ludwig), die Bildung des Knochengewebes.
Leipzig, 1872

- U 19** Swedenborg (E.), animal kingdom.
2 Vols. Lond. 1843-4
- U 19** Tagsberichte über die Fortschritte der Natur-und
Heilkunde, erstattet von Dr. Robert Froriep.
13 Vols. Weimar, 1850-52
- U 19** Taylor (C.), remarks on sea water. Lond. 1805
- U 19** Thierarten des Aristoteles von den Klassen der sungel-
thiere Vögel, Reptilen, und Insekten, von Carl J.
Sunderall. Stockholm, 1863
- U 19** Tijdschrift voor de wis-en natuurkundige wetenschap-
pen, uitg. door de eerste klasse van het k. Nederl.
institut.
Vol. i.—v. Amst. 1848-52
- V 1** —, natuurkundig, voor Nederlandsch Indië, uitg. door
de natuurk. vereeniging in Nederlandsch Indië.
Vols. i.—xxxii.
1st ser., jaarg. ii., iii., Batavia, 1851-2.
2d „ Vol. i.—vii., „ 1853-6.
3rd „ Vol. i.—iv. „ 1856-7.
4th „ Vol. i.—vi. „ 1858-9.
5th „ Vol. i.—v. „ 1860-3.
6th „ Vol. i.—v. „ 1864-8.
7th „ Vol. i.—iii. „ 1869-73.
- U 20** Transactions of the Entomological Society.
3rd ser., Vol. iii., 4, 7, iv., 2, 5, v., 5, 8.
For years 1868-74. London, 1867-9
- U 20** — of the Malvern naturalists' field club.
Part 3. Worcester, 1870
- W 12** — of the Linnean society.
Vol. i.—xxiii. London, 1791-1862
- U 20** — of the Tyneside naturalists' field club.
Vol. i.—vi., (*wants* Vol. vi., 1). 1850-64

- U 20 Transactions of the natural history society of Northumberland and Durham.
Vol. i.—iv., vi. Lond. 1865-74
- X 1 Verhandelingen, nieuwe, wis-en natuurkundige.
deel i., ii. Amst. 1844
- V 3 ——— natuurkundige, van de Hollandsche maatschappij der wetenschappen te Haarlem.
Vol. i.—xxiv.
Amsterdam and Haarlem, 1799-1844
- V 35 ——— „ 2d series.
Vol. i.—xxv. (*wanting* xv.—xx.) „ 1841-68
- U 21 ——— des naturforschenden Vereins im Bremen.
Vol. x. Bremen, 1872
- V 36 ———, natuurkundige, uitg. door het provinciaal Utrechtsch gen. van kunsten en wetenschappen.
Vol. i.—ii., 1, 2. 1862-70
- U 21 Verhandlungen der naturforschenden Gesellschaft in Basel.
Vol. i.—v. 1854-73
- U 21 ——— des naturhistorischen Vereins der preussischen Rheinlande und Westphalens.
Jahrg. xi.—xxx. Bonn, 1854-73
- V 10 ——— der kaiserlichen Leopoldinisch-Carolinischen Akademie der Naturforscher.
Vol. x.—xlv. (*wanting* supp. to xiii.—xiv.)
(*see Acta.*) Bonn, 1821-64
- U 21 ——— des naturhistorisch-medizinischen Vereins zu Heidelberg.
Vol. i.—vi. 1859-72
- U 21 ——— des siebenbürgischen Vereins für Naturwissenschaften zu Hermannstadt.
Vol. xii.—xv., xviii., xx.—xxii. 1862-72

- U 21 **Verhandlungen des Vereins für Naturkunde zu Presburg.**
Vol. v., viii., ix. 1860-66
- U 22 — der allgemeinen Schweizerischen Gesellschaft für die gesammten Naturwissenschaften.
xxxii.—lvi. (*wanting* xlv., xliv) 1847-73
- U 22 — des zoologisch-botanischen Vereins in Wien.
Vol. i.—xxii., 1853-63. (*with* gen. ind. to 1851-72)
- U 21 **Vestiges of the natural history of the creation.**
Lond. 1844
- U **Vierteljahrschrift der naturforschenden Gesellschaft in Zürich.**
Vol. i.—xviii. Jahrg. 1856-73
- V 5 **Waterton (C.), essays on natural history, chiefly ornithology.**
5th ed. Lond. 1844
2d ed., 2d series. „ 1844
- V 29 **Watson (H. C.), outlines of the geographical distribution of British cotyledones.** Edinb.
- W 13 **White (C.), an account of the regular gradation of man, &c.** Lond. 1799
- W 13 **Williamson (W. C., F.R.S.), recent Foraminifera of Gt. Britain.**
(Ray Soc.) London. 1858
- V 6 **Zeitschrift für die gesammten Naturwissenschaften, herausg. von dem naturw. Vereine für Sachsen und Thüringen.**
Vol. vii.—xxxiv. Halle, 1856-69
(*wanting* Vol. xiii.)
new ser., i.—vi. Berlin, 1870-2

- V 5 *Zeitschrift für wissenschaftliche Zoologie.*
 Vol. xii.—xxiv. (*with* atlas to Vol. xiii.)
 Leipz. 1863-4
- V 6 — Würzburger naturwissenschaftliche.
 Vol. i.—vii. 1860-66
- V 5 — Berlin Entomologische.
 Vol. xvii. (index xiii.—xviii) Berlin, 1873
now
 — deutsche Entomologische.
 Vol. xix., pt. 1. Berlin
- V 7 *Zoologist*, the.
 Vol. i.—xxiii. Lond. 1862-74
 2d ser., i.—ix.

- V 17 Decandolle**, (A. P.) *Prodromus sytematis naturalis regni vegetabilis, &c.*
Vol. i.—xvii. (index i.—vii. i.—x.)
Paris, 1824-73
- V 18 Diatomeen** der hohen tatra von J. Schumann.
Wien, 1867
- V 16 Flora Australiensis**, by Geo. Bentham, *F.R.S., F.L.S.*
London, 1863
- V 16** ——— *Hongkongensis* „ „ „ 1861
- V 18** ——— of the British West India Islands, by A. H. R. Grisebach, *M.D., F.L.S.* „ 1864
- V 16** ——— of Liverpool and suppl. (1855), by Dr. Dickinson, *M.A., M.D., F.L.S., &c.* Liverpool, 1851
- V 18** ——— oder allgemeine botanische Zeitung, herausg. von der k. bayer. botan. Gesellsch. neue Reihe.
Jahrg. xxi.—xxvii. Regensb. 1863-69
- V 18 Fries** (E.), *monographia hymenomycetum Sueciæ.*
Vol. i. Upsal, 1857
- W 26 Fungorum**, *carpologia selecta.*
Vol. i.—iii. Paris, 1861-5
- V 18 Grindon** (L. H.), *Manchester walks and wild flowers.*
Lond. 1858
- V 18** ———, *the Manchester Flora.* „ 1859
- U 10 Harvey** (Dr.), **Humphreys** (J. D.), and **Power** (Dr.),
contributions towards a fauna and flora of the county of Cork. London, 1845
- V 18 Hasskarl** (Carolo), *Commelinaceæ Indiæ imprimis archipelagi Indici.* Vindobonæ, 1870
- V 28 Hofmeister** (W.), on the higher cryptogamia.
(Ray Soc.) Lond. 1862

- V 18 **Martyn** (T.), *flora rustica*. 4 Vols. Lond. 1792
- V 28 **Masters'** *Vegetable Teratology*.
(Ray Soc.) „ 1869
- V 28 **Memoirs**, botanical and physiological.
(Ray Soc.) „ 1853
- V 28 **Meyen** (F. J. F.), *outlines of the geography of plants*.
(Ray Soc.) „ 1846
- V 27 **Neilreich** (A.), *Nachträge zu Maly's enumeratio plant.
phanerog. imperii Austriaci universi*. Wien, 1861
- V 27 — *Diagnosen der in Ungarn und Slavonien bisher
Beobachteten Gefasspflanzen*. „ 1867
- V 27 — *die Vegetationsverhältnisse von Croatien*.
„ 1868
- V 27 **Oliver** (Daniel, *F.R.S., F.L.S.*), *flora of Tropical Africa*.
London, 1868
- W 23 **Payen**, *mémoires sur les développements des végétaux*.
Paris, 1842
- V 27 **Proceedings** of the horticultural society of London.
Vol. i.—v. (Vol. i. *wants* No. 1, 2, 3.) 1859-65
- V 28 **Repertorium** der periodischen botanischen literatur.
Jahrer. 1864-8. Regensburg
- V 28 **Reports** of the Manchester field naturalists' club for
1860-73. London
- V 28 — and papers on botany. (Ray Soc.) Lond. 1849
- V 28 — „ „ („) „ 1846

- W 23 **Resa** (kongliga Svenska fregatten Eugenie) omkring
Jordan Botanik.
pts. 1 and 2. Stockh. 1857-61
- V 28 **Synopsis** of the flora of Colorado, by Thos. C. Porter
and John M. Coulter. Washington, 1874
- V 28 **Smith** (J. E.), flora Britannica. 2 Vols. Lond. 1800
- V 29 **Transactions** of the botanical society of Edinb.
Vol. ix.—xi. Edinb. 1844-73
- W 23 — of the horticultural society of London.
Vol. i.—vii. Lond. 1812-30
2d ser., Vol. i.—iii. (*with* gen. ind. to both series.
1835-48
- W 12 — of the Linnean society.
Vol. i.—xxiii. Lond. 1791-1862
- V 29 **Wirtgen** (P.), Flora der preussischen Rheinprovinz.
Bonn, 1857
- V 29 **Withering** (W.), an arrangement of British plants.
Vols. ii.—iv., 3rd ed. Birm. 1796
- V 29 —, a systematic arrangement of British plants, ed.
by W. Macgillivray. 2d ed. Lond. 1833
- V 30 **Zeitung**, botanische.
Vol. i.—xxix. Leipzig, 1843-71

G E O L O G Y , & c .

- W 26** **Abhandlungen** der k. k. geologischen Reichsanstadt.
 Band i.—vi. (*with* 2 Vols. atlas.) Wein, 1852-73
- xi** **Agassiz** (L.), recherches sur les poissons fossiles.
 5 Vols. (*with* atlas in 5 Vol.) Neuch. 1833-43
- T 7** ——— études sur les glaciers. „ 1840
- W 2** **Ainsworth** (W.), an account of the caves of Ballybunian (county of Kerry). Dublin, 1834
- W 2** **Allan** (R.), manual of mineralogy. Edinb. 1834
- Y** **Annales** des mines.
 3rd ser., Vol. i.—xx. Par. 1832-41
 4th „ Vol. i.—xii., xv.—xx. (and gen. ind.)
 Par. 1842-52
 5th „ Vol. i.—xx. „ 1852-61
 Partie administrative i.—x. „ 1852-61
 6th ser., mémoires. Vol. i.—xx. „ 1862
 7th „ i.—iv.
 Partie administrative, i.—iv. „ 1862
- W 2** **Archiv** für die Naturkunde Liv-, Ehst-und Kurlands.
 1st series (mineralogy, &c.), i.—v.
 Dorpat, 1854-73
- T 7** **Beche** (H. T. de la), sections illustrative of geological phenomena. Lond. 1830
- W 2** ———, a geological manual.
 3rd ed. „ 1833
- W 2** ———, researches in theoretical geology. „ 1834
- W 2** ———, report on the geology of Cornwall, Devon, and West Somerset. „ 1839
- W 2** **Blandford** (W. T.), geology and zoology of Abyssinia.
 „ 1879

- W 2 Breislak** (S.), traité sur la structure extérieure du globe, ou institutions géologiques.
3 Vols. Par. 1822
- T 7 Brongniart** (A.), histoire des végétaux fossiles.
2 Vols. Par. 1828-37
- W 2 Buckland** (W.), geology and mineralogy.
2 Vols. Lond. 1836
- Y 7 Bulletin** de la société de l'industrie minérale.
Vol. iii.—xv., *with* Index.
2d ser., i.—iii. Saint-Etienne et Paris, 1857-74
- xi** — atlas de la soc. de l'ind. min. de St. Etienne.
for iii.—xv., 1857-70.
2d ser., for Vol. i.—iii., 1872-4.
- W 26 Burmeister** (H.), the organization of trilobites.
(Ray Soc.) Lond. 1846
- W 2 Catalogue** of the organic remains belonging to the Echinodermata in the museum of the geological survey of India. Calcutta, 1865-7
- W 2** — of the mineral collections in the museum of practical geology. London, 1862-5
- W 2 Clarke** (W. B.), researches in the southern gold fields of New South Wales. 2d ed. Sydney, 1860
- W 2 Clay** (C.), geological sketches and observ. on vegetable fossil remains collected at Ashton-under-Lyne.
Lond. 1839
- T 7 Cuvier**, discours sur la théorie de la terre. Par. 1821
- T 7 Erdmann** (A.), exposé des formations quarternaires de la Suède.
- T 7** — (A.), description de la formation carbonifère de la Scanie. Stockholm, 1873

- W 2 **Fitton** (W. H.), an account of some geological specimens from the coast of Australia. Lond. 1826
- W 2 —, geological sketch of the vicinity of Hastings. Lond. 1833
- T 7 **Flora and Fauna of the Silurian periods**, by John J. Bigsby, *M.D., F.G.S.* London, 1868
- W 2 **Foster** (J. W.), and **Whitney** (J. D.), report on the geology and topography of the Lake Superior land district in the state of Michigan. Vol. i., ii. Wash. 1850-1
- W 2 — „ „ maps.
- W 2 **Glocker** (E. F.), *geognostische Beschreibung der preussischen Oberlausitz.* Görlitz, 1857
- W 3 **Greg** (R. P.), and **Lettsom** (W. G.), manual of the mineralogy of Great Britain and Ireland. Lond. 1858
- T 7 **Hibbert** (Samuel, *M.D., F.R.S.E.*), a description of the Shetland Isles. Edinb. 1822
- T 7 — memoir on the fresh water limestone of Bindiehome (*from the Transactions of the royal society of Edinburgh*, Vol. xiii.) 1822
- W 3 **Hull** (E.), the coal-fields of Great Britain. Lond. 1861
- W 3 —, 2d ed. „ 1861
- W 3 **Humboldt** (A. von), on the superposition of rocks. Lond. 1823
- W 3 **Ibbetson** (L. L. B.), on the various strata in the Isle of Wight. Lond. 1849

- W 3** **Jahrbuch**, neues, für Mineralogie, Geologie und Palæontologie, Jahrg. 1863-1874, No. 4 (73 *wants* 3), Stuttg.
- T 8** ——— der k. k. geologischen Reichsanstalt.
Vol. i.—xxiv. (*wants* iv. ; 3, 4, 18).
Wien, 1870-74
- Jobert** (A. C. G.), the philosophy of geology. Lond.
- W 4** **Journal** of the geological society of Dublin.
Vol. i.—x. (*wants* i., 1.) Dubl. 1834-68
- W 4** ———, quarterly, of the geological society of London.
Vol. i.—xi. (*for index, Vid. Ormerod* (G. W.)
Lond. 1844-55
- ” ” ”
Vol. xii.—xxx. (*want* xxiv., 1.) 1856-74
- T 7** **Kjerulf**, om Skuzingsmærker glacial formationen og Terrasser. Christiana, 1871
- W 4** **Kirwan** (R.), elements of mineralogy.
2 Vols, 2d ed. Lond. 1794-6
- W 4** **Lévy** (A.), description d'une collection des mineraux appartenant à C. H. Turner.
3 Vols. Lond. 1837
- W 26** ——— ” ” atlas.
- W 4** **Lindley** (J.) and **Hutton** (W.), fossil flora of Great Britain.
3 Vols. Lond. 1831-7
- T 7** **Liais** (Emmanuel) climat, geologie, faune et geographie botanique du Brazil. Paris, 1872
- W 6** **List** of the geological society of London. 1865-74
- W 4** **Lyell** (C.), principles of geology.
3 Vols. Lond. 1830-3
- W 4** ———, elements of geology.
2d ed., 2 Vols. ” 1844

- W 7 **McClelland (J.)**, some inquiries in the province of Ke-
maon relative to geology, &c. Calc. 1835
- W 26 **Mammatt (E.)**, a collection of geological facts, elucid-
ating the Ashby coal field. Ashby-de-la-Zouch, 1834
- W 26 **Mantell (G.)**, illustrations of the geology of Sussex,
with figures and descriptions of the fossils of Tilgate
Forest. Lond. 1827
- W 26 **Martin (P. J.)**, a geological memoir on a part of west-
ern Sussex. Lond. 1828
- W 7 **Memoirs of the geological survey of India.**
Vol. i.—ix. Calc. 1856-72
- W 8 — of the geological survey of Great Britain, and of
the museum of economic geology in London.
Vol. i.—iii. 1846-66
- W 8 — " " " "
1. British organic remains.
Decades i.—xii. (*wanting* ii.) Lond. 1849-66
2. Figures and descriptions illustrative of British
organic remains.
Monog. i., ii. (*with fol. atlas.*) 1859—64
3. R. Hunt, mineral statistics for 1853-4, '56, '57, '58,
2 (*with appendix.*) 1861—70—3
4. The iron ores of Great Britain,
Parts 1—4. Lond. 1856-62
5. E. Forbes on the tertiary fluvio-marine formation
of the Isle of Wight. Lond. 1856
6. The geology of Great Britain.
Parts. 1857, 60, 2, 4, 6, 9, 70—3
7. Records of the school of mines, &c.
Vol. i. Lond. 1853
8. The Triassic and Permian rocks of the Midland
counties of Great Britain, by Ed. Hull, *F.R.S.*,
F.G.S.
- W 24 **Memoirs of the Geological Society of India.**
Palæontologia Indica, containing :—
Vol. i. Fossil Cephalopoda (*Belemnitidæ*, *Nautilidæ*,
Ammonitidæ), by Henry F. Blandford.
Calcutta, 1861-5

W 2 Memoirs of the Geological Society of India.

Palaeontologia Indica, containing :

Vol. ii. Fossil flora of the Rajmahal series, Bengal,
by Thos. Oldham and John Morris. Cal. 1862Vol. iv. pt. 1. On vertebrate fossils from the Panchet
rocks, near Ranigunj, Bengal, by Thos. H.
Huxley. Cal. 1865Vol. v. Gastrapoda of the Cretaceous rocks of
southern India, by Fred. Stoliczka, *Ph. D., F.G.S.*
Cal. 1867-8

Vol. vi. The Pecypoda, by F. Stoliczka. „, 1870-1

Vol. vii. Kutch Fossils—on some Tertiary crabs from
Scinde and Kutch, by F. Stoliczka. Cal. 1871Vol. viii. The Brachiopoda, Ciliopoda, Echinoder-
mata, Anthozoa, by F. Stoliczka. Cal. 1872-3**Michelotti** (G.), études sur le miocène inférieur de
l'Italie septentrionale. Haarlem, 1861**T 7** **Miller** (J. S.), a natural history of the Crinoidea.
Bristol, 1821**W 7** **Mohs** (F.), the characters of the classes, orders, genera
and species, &c., in mineralogy. Edinb. 1820**W 7** **Morris** (J.), catalogue of British fossils. Lond. 1843**T 7** **Murchison** (R. J.), **Verneuil** (E. de), and **Keyserling**
(A. v.), geology of Russia in Europe and the Ural
mountains. 2 vols. Lond. 1845**Några** ord till Uptlysning om bladet. 1—18.**W 26** **Nodot** (L.), description d'un nouveau genre d'édenté
fossile, &c., atlas (*publ. par l'acad. des sciences, &c.,
de Dijon.*)**T 7** **Nordmann** (A. von), Palaeontologie Süd-Russlands.
Vol. i.—iv. Hels. 1858-60

xi (u.c.) — „ „ „ atlas, 3 parts.

- W 5 Ormerod (G. W.), classified index to the transactions, proceedings, and quarterly journal of the geological society of London, to the end of 1855. Lond. 1858
- W 7 Owen (R.), odontography.
2 Vols. Lond. 1840-5
- on the dental characters of genera and species, chiefly fishes. London, 1867

T 14 PALÆONTOLOGICAL SOCIETY.

- Bell (Prof. T.), the Malacostracous Crustacea (comprising those of the London Clay, Gault and Greensands.) (*incomplete*). 1858, 63
- Binney (E. W.), the Flora of the Carboniferous strata. (*Incomplete*). 1868, 71, 2
- Brady (G. S.), Crosskey (Revd. H. W.), and Robertson (Mr. D.), the Post Tertiary Entomostraca. 1874
- Busk (G.), the Polyzoa of the Crag. 1859
- Darwin (C.) the Fossil Cirripedes. 1851, 5, 61
- Davidson (T.), Fossil Brachiopoda.
Vol. i., the Tertiary, Cretaceous, Oolite, and Liassic Brachiopoda. 1851, 2, 3, 5
Vol. ii., the Permian and Carboniferous Brachiopoda. 1858, 9, 61, 62, 63
Vol. iii., the Devonian and Silurian Brachiopoda. 1864—7, 9, 71
Supplement to the Fossil Brachiopoda. (*incomp.*) 1874
- Dawkins (W. Boyd), and Sandford (W. A.), the Pleistocene Mammalia (*incomplete*). 1866, 8, 9, 72
- Duncan (Prof.) supplement to the Fossil Corals. 1866—70, 72
- Edwards (F. E.), the Eocene Mollusca, Cephalopoda, and Univalves. 1849, 52, 3, 4, 6, 7, 8, 61

T 14 PALÆONTOLOGICAL SOCIETY.

- Forbes** (Prof.) the Tertiary Echinodermata. 1852
- Jones** (Prof. Rupert), the Cretaceous Entomostraca. 1850
- the Tertiary Entomostraca. 1857
- the Fossil Estheriæ. 1863
- **Parker** (W. K.), and **Brady** (H. B.), the Crag
Formanifera (*incomplete*). 1866
- **Kirkby** (J. W.), and **Brady** (G. S.), the Carbon-
iferous Entomostraca (*incomp*). 1874
- King** (Prof.) the Fossils of the Permian Formation. 1850-5
- Lycett** (Dr.), the Trigoniæ. 1872-4
- Milne-Edwards**, and **Haime** (J.), Tertiary, Cretaceous,
Oolitic, Devonian, and Silurian Corals. 1850—3, 55
- Morris**, (Prof.) and **Lycett** Dr., the Great Oolite
Mollusca. 1850-3-5
- „ supplement, by Dr. Lycett. 1863
- Owen** and **Bell** (Profs.), the Reptilia of the London
Clay (and of the Bracklesham and other Tertiary
beds). 1849, 50, 9
- Owen** (Prof.) „ of the Cretaceous Formations. 1851, 9, 61, 4
- „ of the Wealden and Purbeck
Formations. 1853, 5, 7—9, 61, 4
- „ of the Wealden Formation.
Supplements (*incomplete*). 1872-4

T 14 PALÆONTOLOGICAL SOCIETY.

- Owen (Prof.), the Reptilia of the Kimmeridge Clay Formation (*incomplete*). 1861, 3, 9
- „ of the Liassic Formation.
(*incomplete*.) 1861, 3, 5, 70
- „ of the Mesozoic Formation
(*incomplete*.) 1871
- the Crag Cetacea (*incomplete*). 1870
- the Fossil Mammalia of the Mesozoic Formation.
1871
- Phillips (Prof.) the Belemnites (*incomplete*)
1865—7, 9, 70
- Powrie (J.) and Lankester (E. Kay), the Fishes of the Old Red Sandstone (*incomplete*). 1868, 70
- Salter (J. W.) the Trilobites of the Mountain-limestone, Devonian, Silurian, and other formations.
(*Incomplete* through the author's death.) 1864—7
- Sharpe (D.), the Upper Cretaceous Cephalopoda.
1853, 5, 7
- Wood (S. V.), the Mollusca of the Crag.
Vol. i., Univalves. 1848-1857
Vol. ii., Bivalves. 1851, 3, 7, 61
- Supplement to Crag Mollusca. 1872-4
- Eocene Mollusca.
Vol. i. 1861, 4, 71
- Woodward (H.), the Fossil Merostoma.
(*incomplete*.) 1866, 9, 72, 2
- Wright (Dr.), the Cretaceous Echinodermata.
Vol. i. (*incomplete*.) 1864, 8, 70—2, 74
- the Oolitic Echinodermata.
Vol. i., 1857—9, 61, 3, 66.
(Vol. ii., *incomp.*) 1863-6

- T 7 Phillips (J.), illustrations of the geology of Yorkshire.
York, 1829
- T 7 ——— „ 2d ed. 2 Vols. Lond. 1835-6
- W 9 ——— figures and descriptions of palæozoic fossils of
Cornwall, Devon, and West Somerset. Lond. 1841
- W 9 Portlock (J. E.), report on the geology of the county
of Londonderry. Dublin, 1843
- W 9 Proceedings of the geological society of London.
Vol. i.—iv. 1834-46
- W 9 ——— of the geological and polytechnic society of the
West Riding of Yorkshire.
Vol. ii.—iii., 1842-70 (*wanting* 1860-7). Leeds.
- W 9 Rammelsberg (C. F.), Handwörterbuch des chemischen
Theils der Mineralogie. Berl. 1841-53
- W 7 Records of the geological survey of India for 1868-73.
Calcutta
- W 7 Report, annual of the Geological Survey of India, and
of the Museum of Geology, 1864-7. Calcutta
- T 7 ——— of the United States Geological Survey, by F. V.
Hayden.
2 parts. Washington, 1873
- W 9 ———, annual, „ „ 1867, 9, 1872
- W 9 ———, preliminary field. Wash. 1869
- W 9 ———, geological, of the exploration of the Yellowstone
and Missouri rivers. Wash. 1859-60
- T 7 ——— of the geological survey of the state of Ohio.
2 Vols., by Hall and Whitney. Iowa, 1858
- T 7 ——— „ „ „ of Wisconsin:
Vol. i., by J. Hall.
- W 9 ———, annual, of the State Geologist. Trenton, 1870
- W 9 ——— of the geological survey of Canada, from its com-
mencement to 1873-4, *with* atlas of maps and sections.
Montreal

- W 9 Report on palæozoic fossils, by E. Billings.
Vol. ii., 1. Montreal, 1874
- W 9 — on the fossil plants, by J. W. Dawson, LL.D.,
F.R.S., F.G.S.
- W 9 —, 1st and 2nd, of a geological reconnaissance of
Arkansas, by D. D. Owen.
Little Rock—Phil. 1858-60
- W 15 Rogers (H. D.), report on the geological survey of the
state of New Jersey, and Phil. 1836
- W 15 — (W. B.), report of the geological reconnaissance of
the state of Virginia.
In 1 Vol. „ 1836
- T 7 Sars (Dr. Michel) om de i norge Forekommende fossile
dyrelerninger fra Quartærperioden, &c. (*les fossiles
des animaux de la phiade, quartaire, qu'on trouve en
Norwège.*) Christiana, 1865
- W 26 Sedgwick (A.), and Mc.Coy (F.), British palæozoic
rocks and fossils.
2 Vols. Lond. 1855
- T 7 Sexe (S. A.), mærker efter en fistid i omegnen of Har-
dangerfjorden. Christiana, 1866
- T 7 — „ le glacier de Boium en Juillet, 1868. „ 1869
- T 7 — „ le névé de Justedal et ses glaciers. „ 1870
- W 15 Smith (Prof. Lam.), mineralogy and chemistry.
Louisville, 1873
- W 15 Sketch of the geology of Spitzbergen, by A. E. Nor-
denskiöld. Stockholm, 1867
- W 15 Sowerby, mineral conchology of Great Britain.
6 Vols. Lond. 1812-29
- W 15 Stephens (W.) and Fitton (W.), notes on the mineral-
ogy of part of the vicinity of Dublin. Lond. 1812
- T 7 Sveriges, geologiska undersökning. Stockholm, 1872
- W 15 — „ „ Christiana, 1862-73
(5 Vols.) No. 1—49.
- xi — atlas.

MATHEMATICS.

- W 28 **Abbatt** (R.), elements of trigonometry.
2d ed. Lond. 1836
- D 38 **Abhandlungen**, mathematische der k. akademie der
Wissenschaften zu Berlin, 1858-73 (*wanting* 1862, 4, 70)
Berlin
- D 37 — der math. physikal. Classe der k. Bayerischen
Akad. der Wissensch.
Vol. i.—xi. Münch. 1832-73
- W 29 **Airy** (G. B.), mathematical tracts. Cambr. 1826
- W 29 — 3rd ed. „ 1842
- D 37 **Annales** de mathematiques, par J. D. Gergonne.
Vol. xx., p. 185—xxii., p. 68—xxi.
Nismes, 1831
- W 28 **Archief** uitgegeven door het wiskundig genootschap :
cen onvermoeide arbeid komt alles to boven.
Vol. i.—ii., 1. Amsterd. 1856-60
- W 28 **Archimedis** opera : Apollonii Pergæi conicorum libri iv.:
Theodosii sphaerica : per J. Barrow. Lond. 1675
- D 38 **Babbage**, table of logarithms. Lond. 1838
- W 28 **Bangma** (O. S.), verhandeling over de driehoeksmeting.
Amst. 1808
- W 28 **Barlow**, tables of squares, cubes, square roots, &c.
Lond. 1840
- W 28 **Barrow** (J.), mathematical lectures. „ 1734
- W 28 —, geometrical lectures. „ 1735
- W 28 —, Euclide's elements. „ 1751

- W 28 Bericht über die Verhandlungen der k. Sächsischen Gesellschaft der Wissensch. zu Leipzig.
Mathem. phys. Classe, Jahrg. 1849—72. Fol. i.—xxiv.
- W 29 —, Sitzungs, der k. Akad. der Wissensch., —
math. naturw. Classe.
Vol. i.—lxviii., 2 (*wants* xlvi., 1. Wien. 1848-74
- W 28 Bezout (M.), cours de mathématiques.
4 Vols., nouv. ed. Par. 1798-9
—, „ 2^o partie (géométrie).
3rd ed. „ 1825
- D 38 Bion, the construction of mathematical instruments.
2d ed. Lond. 1758
- W 28 Biot (J. B.), essai de géométrie analytique.
6th ed. Par. 1823
- W 28 Bland (M.), algebraical problems.
5th ed. Cambr. 1828
- W 28 Bonnycastle (J.), treatise on algebra.
2d Vol. Lond. 1813
- W 29 Bossut (C.), traité de calcul différentiel.
2 Vols. Par. 1787
- W 29 —, cours de mathématiques.
Vol. iii. (mécanique). „ 1802
- W 29 — (J.), a general history of mathematics.
Lond. 1803
- W 29 Boucharlat (J. L.), élémens de calcul différentiel et de
calcul intégral. 2d ed. Par. 1820
- W 30 —, elementary treatise on the differential and integ-
ral calculus. Cambr. 1828
- W 30 —, théories des courbes.
3rd ed. Par. 1845
- W 30 Bourdon, éléments d'algèbre.
8th ed. Brux. 1837
- D 38 Bourgogne (Duc de) élémens de géometric.
new ed. Par. 1722
- W 29 Brioschi (F.), théorie des déterminants. „ 1856
- W 29 Brooke (C.), synopsis of the principal formulæ and re-
sults of pure mathematics. Cambr. 1829

- W 29 **Bulletin** des sciences mathématiques.
Vol. xiii. Par. 1830
- D 38 — de la classe physico-mathématique de l'acad. imp.
des sciences de St. Pétersbourg.
i.—v., vii., ix.—xvii. 1843-59
- W 29 **Gallet** (F.), tables de logarithmes.
2 Vols. Par. 1808
- W 29 **Carnot** (L. N. M.), géométrie de position. „ 1803
- W 29 — (M.), reflexions sur la metaphysique du calcul in-
finitésimal. Paris, 1813
- D 38 **Cauchy** (A. L.), exercices de mathématiques.
Vol. i.—v., liv. 51. „ 1826-30
- D 38 —, exercices d'analyse et de physique mathém.
4 Vols. „ 1840-7
- W 29 **Chasles**, les trois livres de porismes d'Euclide.
„ 1860
- D 39 **Clarke** (A. R.), account of the principal triangulation,
ordnance survey.
3 Vols. Lond. 1858
- D 38 — (A. R.), determination of the positions of Feag-
main and Haverfordwest. London, 1867
- D 39 — (H.), on the summation of infinite converging
series. Lond. 1779
- W 28 **Collection** a, of examples on the integral calculus.
Cambr. 1835
- W 29 **Comte** (A.), traité élémentaire de géométrie analytique.
Par. 1843
- D 39 **Cotesius** (R.), harmonia mensurarum ; atque alia opu-
cula mathematica. Cambr. 1722
- W 29 **Cournot** (A. A.), traité élémentaire de la théorie des
fonctions et du calcul infinitésimal.
2 Vols. Par. 1841
- W 29 **Cousin** (M.), leçons de calcul différentiel et de calcul
intégral. Paris, 1777

- D 39** Cramer (G.) analyse des lignes courbes algébriques.
Genève, 1750
- W 29** Dealtry (W.), the principles of fluxions.
2d ed. Cambr. 1816
- W 29** Delisle (A.), et Geronno, géométrie analytique.
Par. 1854
- W 21** Denkschriften der k. Akad. der Wissensch.
Math. naturwiss. Classe. Vol. i.—xxxiii.
Wien, 1850-74
- W 13** (1 Vol. folio—1 plate.)
- W 29** Dodgson (Jas.) the mathematical repository.
London, 1784
- W 29** Donn (Benjamin), The Geometrieian. „ 1778
- W 29** Duhamel, cours d'analyse de l'école polytechnique.
2 Vols. Par. 1840-1
- W 29** Dupin (C.), mathematics practically applied.
Lond. 1827
- W 29** Emerson (W.), the elements of trigonometry. „ 1749
- W 29** — cyclomathesis, or an introduction to mathematics.
Lond. 1763
- W 29** —, the elements of geometry. „ 1763
- W 29** —, the method of increments. „ 1763
- W 30** —, a treatise of algebra. „ 1764
- W 30** —, the arithmetic of infinites and the differential
method. Lond. 1767
- W 30** —, the doctrine of combinations. „ 1770
- W 30** —, the mathematical principles of geography.
„ 1770
- W 30** —, a short commentary on Sir I. Newton's principia.
Lond. 1770
- W 30** —, miscellanies on mathematicial subjects. „ 1776
- W 30** —, the arithmetic of infinites } 1 Vol. „ 1777
- W 30** —, the nature of curve lines. }

- W 30 Euclid, the elements of, by R. Simson. Edinb. 1823
 W 30 —, „ „ 10th ed. „ 1799
 W 30 Euler (L.), élémens d'algèbre. 2 Vols. Par. 1807
- W 30 Forbes (J.), the theory of the differential and integral
 calculus. Glasg. 1837
- W 30 Francœur (L. B.), a complete course of pure
 mathematics. 2 Vols. Cambr. 1829-30
- W 30 Galbraith (W.), mathematical and astronomical tables.
 2d ed. Edinb. 1834
- W 30 Garnier (J. G.), leçons de calcul différentiel.
 3rd ed. Par. 1811
- W 30 —, „ „ intégral. 3rd ed. „ 1812
 W 30 —, „ „ de statique. „ 1811
 W 30 —, traité d'arithmétique. 1808
- D 38 Gauss (C. F.), Werke.
 Vol. i.—vi. Gött. 1863
- W 30 Gelder (J. de), meetkundige analysis. Amst. 1811-13
- W 30 Gore (Henry), Vulgar arithmetic improved, &c.
 Manchester, 1733
- W 30 Gravesande (G. J.), physices elementa mathematica.
 2 Vols. Lugd. Bat. 1721-5
- W 30 Gregory, mathematics for practical men.
 2d ed. Lond. 1833
- W 30 —, „ „ 3rd ed. „ 1848
- W 30 —, hints, theoretical, elucidatory, and practical for
 the use of teachers, &c. London, 1840
- D 39 Guisnée, application de l'algèbre à la géométrie.
 Par. 1705
- W 30 Hall (T. G.), treatise on trigonometry.
 2d ed. Lond. 1836

- W 30 **Hall** (T. G.), a treatise on the differential and integral calculus. 3rd ed. Cambr. 1841
- W 30 **Hamilton** (H. P.), an analytical system of conic sections. 2d ed. Cambr. 1830
- W 30 — (W. R.), lectures on quaternions. Dubl. 1853
- W 30 **Hellins** (J.), mathematical essays. Lond. 1788
- W 31 **Hind** (J.), the principles of the differential calculus. 2d ed. Cambr. 1831
- W 31 —, the elements of trigonometry. 4th ed. „ 1841
- W 31 —, elements of algebra. 4th ed. „ 1839
- W 31 **Hirsch** (M.), Integraltafeln. Berl. 1810
- W 31 —, integral tables. Lond. 1823
- W 31 —'s geometry, or a sequel to Euclid. „ 1827
- W 31 — collection of examples on the literal calculus and algebra. Lond. 1827
- W 31 **Hugo** (A. de Omerique) analysis geometrica. Gadibus, 1698
- W 31 **Hutton** (C.), a treatise on mensuration. 3rd ed. Lond. 1802
- W 31 —, a course of mathematics. 6th ed., 3 Vols. Lond. 1810-11
- W 31 —, tracts on mathematical and philosophical subjects. 3 Vols. Lond. 1812
- D 39 —, a philosophical and mathematical dictionary. 2d ed., 2 Vols. Lond. 1815
- W 31 —, recreations in mathematics. 4 Vols. „ 1803
- W 31 **Hymers** (J.), a treatise on analytical geometry of three dimensions. Cambr. 1830
- W 31 —, treatise on the integral calculus. 2d ed. „ 1835
- W 31 —, „ „ part 1. „ 1831
- W 31 —, „ „ 3d ed. „ 1844
- W 31 —, treatise on conic sections. 2d ed. „ 1840

- D 39 Jacobi (D. Carlo Gustav Jaeobo), fundamenta nova
theoriæ functionem ellipticarum. Regiomonti, 1829
- D 39 James (H.), extension of the triangulation of the ord-
nance survey into France and Belgium. Lond. 1863
- D 41 Journal für die reine und angewandte Mathematik.
Vol. liii. —lxxix. Berl. 1857-74
- W 31 ———, Cambridge mathematical.
Vol. i. Cambr. 1846
- W 31 ———, „ and Dublin mathematical.
Vol. i.—vi., ix. „ 1846-54
- W 32 ———, quarterly, of pure and applied mathematics.
Vol. i.—ix, Lond. 1857-68
- D 39 ——— de mathématiques pures et appliquées.
par J. Liouville.
Vol. xvii., Par. 1852, (*and* gen. ind. to Vol. i.—xv.)
Par. 1851
- W 32 Keith (T.), introduction to trigonometry.
4th ed. Lond. 1820
- W 32 Lacroix (S. F.), treatise on arithmetic. Lond. 1823
- W 32 ———, élémens de géométrie.
14th ed. Par. 1830
- W 32 ———, essais de géométrie ; sur les plans et les surfaces
courbes. 5th ed. Par. 1822
- W 32 ———, { élémens d'algèbre. 14th ed. „ 1825
complément des élémens d'algèbre.
5th ed. „ 1825
- W 32 ———, traité élémentaire de trigonométrie.
6th ed. „ 1813
- W 32 ———, traité élémentaire du calcul des probabilités.
2d ed. „ 1822
- W 32 ———, an elementary treatise on the differential and
integral calculus. Cambr. 1816

- W 32 Lacroix (S. F.), traité élémentaire du calcul différentiel et du calcul intégral.**
 3rd ed. Par. 1820
- D 42 ———, traité du calcul différentiel et du calcul intégral.**
 3 Vols. Par. 1797-1800
- D 42 ———, „ 3 Vols., 2d ed. „ 1810-19**
- W 32 ———, essais sur l'enseignement. 2d ed. Par. 1816**
- D 42 Lagrange (J. L.), théorie des fonctions analytiques.**
 Par. 1796
- W 32 ———, leçons sur le calcul des fonctions.**
 2d ed. „ 1806
- D 42 ———, „ „ „ „ 1808**
- W 32 ———, mécanique analytique.**
 2d ed., 2 Vols. Par. 1811-15
- D 42 ———, traité de la résolution des équations numériques.**
 3rd ed. Par. 1826
- W 32 Landen (J.), mathematical tracts. Lond. 1755**
- W 32 ———, on Dr. Stewart's computation of the sun's distance from the earth.**
 „ 1771
- D 42 ———, mathematical memoirs.**
 2 Vols. „ 1780-9
- W 32 Lardner (D.), treatise on the differential and integral calculus.**
 „ 1825
- W 32 ———, treatise on trigonometry. 2d ed. „ 1828**
- W 32 Lawson (H. J.), a synopsis of all the data for the constructions of triangles. Rochester, 1773**
- W 32 Legendre (A. M.), éléments de géométrie.**
 12th ed. Par. 1823
- W 32 ———, elements of geometry and trigonometry.**
 Edin. 1824
- D 42 ———, traité des fonctions elliptiques et des intégrales Euleriennes.**
 3 Vols. Par. 1825-8
- W 32 Leroy (C. F. A.), analyse appliquée à la géométrie des trois dimensions. 3rd ed. Par. 1843**

- W 33 Libri (M. G.), histoire des sciences mathématiques.
Vol. i.—iv. Paris, 1838-41
- W 32 Lorenz (Johann Freidrich), die Elemente der
mathematik in sechs Bucher.
Vol. i., ii. Leipzig, 1785-6
- W 33 Lyons (J.), a treatise of fluxions. Lond. 1758
- W 33 Mabbott (J. M.), m.s. solutions to mathematical
questions.
- W 33 Maclaurin (C.), geometria organica sive descriptio lin-
earum curvarum universalis. Lond. 1720
- W 33 —, exposition des decouvertes de Newton.
Par. 1749
- W 33 —, treatise of algebra.
2d ed. Lond. 1756
- W 33 —, an account of Sir I. Newton's philosophical dis-
coveries. 3rd ed. „ 1775
- W 33 —, a treatise on fluxions.
2d ed., 2 Vols. „ 1801
- D 43 Mariotte, œuvres de.
2 Vols. Leide, 1717
- W 33 — traité de la percussion des corps. Par. 1673
- D 43 Maseres (F.), scriptores logarithmici.
6 Vols. Lond. 1791-1807
- D 43 —, the doctrine of permutations. Lond. 1795
- W 33 Maskelyne (N.), tables for finding the latitude and
longitude at sea. 3d ed. „ 1802
- E l.c. Mémoires de mathématique et de physique, présentés
à l'académie royale des sciences.
Vol. i.—vi. Paris, 1750-74
- E l.c. — de l'institut national ; sciences mathématiques et
physiques. Paris, 1798-1818
- E l.c. — de l'académie royale des sciences de l'institut de
France.
Vol. i.—xxxviii. Par. 1818
- E l.c. — „ „ (atlas to Vol. xxxiii.)

- E l.c.** **Mémoires** présentés à l'instut par divers savans ;
sciences mathématiques et physiques.
Vol. i., ii. Par. 1805-11
- E l.c.** ——— présentés par divers savans à l'académie royale
des sciences de l'institut de France ; sciences mathé-
matiques et physiques.
Vol. i.—xx. (*wants* Vol. xiii.) Par. 1827-72
- E l.c.** ——— de l'académie impériale des sciences de St. Peters-
bourg.
6th series (sciences mathématiques, physiques et
naturelles).
Vol. i—x., 2. (*wants* Vol. x., 1.) 1831-73
- D 44** **Memoirs** of the analytical society. Cambr. 1813
- D 43** **Monge** (G.), géométrie descriptive.
6th ed. Paris, 1838
- W 33** **Morgan** (A. de), the differential and integral calculus.
Lond. 1842
- W 33** ———, trigonometry and double algebra. „ 1849
- W 33** **Murphy** (R.), a treatise on the theory of algebraical
equations. Lond. 1839
- W 33** **Musa** (Mohammed Ben) the algebra of. „ 1831
-
- W 33** **Navier**, résumé des leçons d'analyse.
2 Vols. Par. 1840-1
- W 33** **Newman** (F. W.), the difficulties of elementary
geometry. Lond. 1841
- D 43** **Newton** (I.), philosophiæ naturalis principia mathe-
matica. Lond. 1687
- W 33** ———, the mathematical principles of natural philosophy.
2 Vols. Lond. 1729
- W 33** ———, universal arithmetick. „ 1720
- W 33** ———, the method of fluxions, ed. by J. Colson. „ 1736
- D 43** ———, two treatises of the quadrature of curves.
ed. by J. Stewart. „ 1745

- W 33 **Ottley** (W. C.), a treatise on differential equations.
Cambr. 1832
- W 33 **Peacock** (G.), a treatise on algebra.
2 Vols. Cambr. 1842-5
- W 33 **Pearson** (H.), a syllabus of trigonometry.
2d ed. „ 1832
- D 44 **Plücker** (Dr. Julius), system der geometrie des Raumes.
Dusseldorf, 1852
- W 33 **Pratt** (J. H.), mathematical principles of mechanical
philosophy. Cambr. 1836
- W 33 **Proceedings** of the London mathematical society.
Vols. ii.—v. Lond. 1866-74
- W 33 **Puissant** (L.), recueil de propositions de géométrie.
3d ed. Par. 1824
- D 36 **Quetelet** (A.), histoire des sciences mathematiques et
physiques chez les Belges. Brux. 1864
- D 36 ——— des sciences, mathématiques, &c. „ 1866
- D 36 **Ramchundra**, a treatise on problems of maxima and
minima. Lond. 1859
- D 36 **Repository**, mathematical, ed. by T. Leybourn.
new ser. Vol. i., 3, ii., 3, iii., (in 1 Vol.)
- D 36 **Raynaud** (A. A. L.), élémens d’algèbre et introduction
au calcul différentiel, 2^o section. Par. 1810
- D 33 **Sandeman** (A.), elements of pure arithmetic.
Lond. 1859
- D 44 **Sándor** (Györg) a felsőbb analysis elemei.
i.—ii. füzet. Budan, 1836-41

- D 44** Saunderson (N.), the elements of algebra.
2 Vols. Camb. 1740
- D 36** ———, „ abridged, 4th ed. Lond. 1776
- D 36** ———, the method of fluxions: „ 1756
- D 36** Schell (W.), allgemeine Theorie der Curven doppelter Krümmung. Leipz. 1859
- D 36** Serret (Paul) methodes en geometrie. Paris, 1855
- D 36** Sherwin, mathematical tables.
5th ed. Lond. 1771
- D 36** Simpson (T.), essays on several subjects in mathematics. Lond. 1740
- D 36** ——— „ „ „ „ „
- D 36** ——— mathematical dissertations. „ 1743
- D 36** ———, treatise on algebra. „ 1745
- D 36** ———, „ 3d ed. „ 1767
- D 36** ———, „ 9th ed. „ 1809
- D 36** ———, select exercises in the mathematicks. „ 1752
- D 36** ———, „ „ 2d ed. „ 1810
- D 36** ———, elements of geometry. 3rd ed. „ 1768
- D 36** ———, the doctrine of annuities. 2d ed. „ 1775
- D 36** ———, the doctrine of fluxions.
part 1, 2d ed. „ 1776
- D 36** ———, trigonometry. 5th ed. „ 1799
- D 40** Snowball (J. C.), elements of plane trigonometry.
2d ed. Cambr. 1834
- D 36** Sommer—die Winkelcoordinaten im neues coordinaten system. Coblantz, 1848
- D 44** Spence (W.), an essey on logarithmic trauscendents.
Lond. 1809
- D 40** Stone (E.), an analytick treatise of conick sections.
London, 1723
- X 9** Strabbe (A. B.), eerste beginselen der fluxie rekening.
Amst. 1799

- D 40 Studien, analytische, von Dr. Oskar Schomilch.
Leipzig, 1848
- D 40 Syllabus of the differential and integral calculus.
Part 1. Cambridge, 1826
- D 40 Tate (T.), a treatise on factorial analysis. Lond. 1845
- D 40 —, principles of geometry. „ 1848
- D 39 Taylor (M.), tables of logarithms. „ 1792
- D 40 Tracts, mathematical. „ 1737
- D 39 Vega (G.), thesaurus logarithmorum. Lips. 1794
- X 3 Verslagen van het genootschap der mathematische
wetenschappen, &c., 1842-52. Amst. 1856
- D 40 Vince (S.), a treatise on fluxions.
5th ed. Cambr. 1818
- D 39 Vlaccus (A.), trigonometria artificialis. Goud, 1633
- D 40 Wallace (W.), a geometrical treatise on the conic
sections. Edinb. 1837
- D 40 —, geometrical theorems and analytical formulæ.
Edinb. 1839
- D 39 Wallis (J.), a treatise of algebra. Lond. 1685
- D 40 Waud (S. W.), a treatise on algebraical geometry.
„ 1835
- D 40 Whewell (W.), the doctrine of limits.
Cambridge, 1838
- D 40 Wood (J.), elements of algebra. 8th ed. „ 1825
- D 40 Wright (J. M. F.), a commentary on Newton's principia.
2 Vols. Lond. 1833
- D 40 Wrigley (A.), and Johnstone (W. H.), collection of
examples in mathematics. Lond. 1845
- D 40 —, a collection of examples in mathematics.
2d ed. „ 1847

D 40 Young (J. R.), the elements of the differential calculus.
Lond. 1833

D 40 —, „ „ integral „ „

P A T E N T S .

- Z 6** **Index** to foreign scientific periodicals, contained in the
Patent Office Library.
Vol. i.—vii. London, 1866-72
- Z 6** **Patents**; alphabetical index of patentees of inventions
from 2nd March, 1617, to 1st October, 1852, by B.
Woodcroft. Lond. 1854
- Z 6** ——— „ from 1st Oct., 1852, to 31st Dec., 1853.
„ 1854
- Z 6** ——— „ for 1854-1868. „ 1869-70
- Z 1** ——— abridgements of specifications, relating to—
- | | |
|---|------------|
| Acids, alkalies, oxides, and salts. | Lond. 1869 |
| Aeronautics. | „ „ |
| Anchors. | „ 1874 |
| Apparel, wearing.—1—head covering. | „ „ |
| Artists' instruments and materials. | „ „ |
| | |
| Bleaching, dyeing and printing calico. | „ 1859 |
| Books, portfolios, card cases, &c. | „ 1870 |
| Bricks and tiles. | „ 1862 |
| Bridges, viaducts, and aqueducts. | „ 1868 |
| Brushing and sweeping. | „ 1872 |
| | |
| Carriages and other vehicles for railways. | „ 1871 |
| Cooking, bread-making, and confectionery. | „ 1873 |
| Cork, preparing and cutting—bottling liquids—securing and opening bottles, &c. | „ 1872 |
| Culture, steam. | „ 1858 |
| | |
| Drain tiles and pipes. | „ 1857-74 |

Z 1 Patents; abridgments of specifications, relating to—

| | | |
|--|--------------|---------------|
| Electricity and magnetism. | Pts. 1, 2. | Lond. 1859-74 |
| Engines, air, gas, and other motive power. | | „ 1873 |
| ———, steam. | Vol. i., ii. | „ 1871 |

Farriery—including medical, &c., treatment of animals.

„ 1872

Firearms and other weapons. Pts. 1, 2. „ 1859-70

Food, preservation of. Pts. 1, 2. „ 1857-70

Fuel, preparation and combustion of. „ 1867

Furniture and Upholstery. „ 1869

Gas. „ 1860

Hinges, hinge joints, and door springs. „ 1873

Hydraulics. „ 1868, 74

India rubber and gutta percha, including air, fire, and
water proofing. Lond. 1859

Lace and other looped and netted fabrics. „ 1866

Lamps, candlesticks, chandeliers, &c. „ 1871

Locks, latches, bolts, &c. „ 1873

Locomotion, aids to. „ 1858

Manufacture of iron and steel. Parts 1—3. „ 1857-8

Manure. „ 1857

Medicine, surgery, &c. „ 1863

Metals and alloys.

Metallic pipes and tubes. „ 1874

Mining, quarrying, tunnelling, and well-sinking. „ „

Masts, sails, and rigging, &c. „ „

Music and musical instruments. „ 1864-71

Nails, rivets, bolts, and washers. „ 1873

Needles and pins. „ 1871

Oils, fats, lubricants, candles, and soap. „ 1873

- Z 1 Patents**; abridgements of specifications, relating to—
- | | | |
|---|----------------------|-------------------|
| Paints, colours, and varnishes. | | Lond. 1871 |
| Paper, pasteboard, and papier maché. | 2 pts. | „ 1858, 9 |
| Photography. | Pts. 1, 2, 2, 2d ed. | „ 1861, 7, 72 |
| Plating or coating metals with metals. | Pts. 1, 2. | |
| | | Lond. 1862, 7, 72 |
| Pottery. | | „ 1863 |
| Printing by types, plates and light. | | „ 1859 |
| Propulsion, marine. | Pts. 1—4. | „ 1857, 8, 72 |
| | | |
| Railways. | | „ 1868, 73 |
| Raising, lowering, and weighing. | Pt. 1, 2. | „ 1867, 9 |
| Roads and ways. | | „ 1868 |
| | | |
| Saddlery, harness and stable fittings, &c. | | „ „ |
| Safes, strong rooms, tills, &c. | | „ 1873 |
| Sewing and embroidering. | | „ 1857, 71 |
| Ship-building. | Pt. 1, 2. | „ 1862, 9 |
| Signals, railway, and communicating apparatus. | | „ 1869 |
| Skins, hides, and leather. | | „ 1872 |
| Spinning. | Pt. 1, 2. | „ 1866, 8 |
| Sugar. | | „ 1871 |
| | | |
| Tobacco, preparation and use of. | | „ 1870 |
| Toys, games, and exercises. | | „ 1871 |
| | | |
| Umbrellas, parasols, and walking-sticks. | | „ „ |
| | | |
| Ventilation. | | „ 1872 |
| | | |
| Watches and other timekeepers. | Parts 1, 2. | „ 1858, 71 |
| Water closets, Earth closets, urinals. | | „ 1873 |
| Weaving. | Pts. 1—2. | „ 1861, 71 |
| Writing instruments and materials. | | „ 1869 |
| Z 6 Patents ; titles of patents of invention chronologically arranged, from 1617 to 1852, 2 parts. | | Lond. 1854 |
| Z 6 —, chronological index of patents, from 1st Oct., 1852, to July, 1874. | | Lond. |
| <i>With</i> descriptive index for 1867-8. | | „ |

- Z 15** Patents; subject-matter index (made from titles only) of patents of inventions from 1617 to 1852.
2 parts. Lond. 1854
- Z 15** ——— „ „ for 1852-1870. „
- Z 6** ———, reference index of patents from 1617 to 1852.
Lond. 1855
- Z 6** ——— „ appendix containing abstracts from such of the early patents and signet bills as described the nature of the invention, and which patents have no enrolled specification. Lond. 1855
- Z 6** ——— abstracts of specifications relating to.
(applied for, from 1854-66). Melbourne
Preservation of food. 1870
Metals. 1872
- Z 6** ——— and Patentees.
Vol. i.—vi. Melbourne, 1854-71
- Z 6** ——— indexes for the years 1854-71. „
- Z 10** Report of the commissioner of patents.
For 1848, 1 Vol. 1865, 3 Vols.
„ 1867, 4 Vols. 1868, 4 „
„ 1869, 3 „ 1870, 2 „
„ 1871, 2 „ Washington
- Z 5** ———, arts and manufactures.
For 1850-1, 1 Vol. 1854, 2 Vols.
„ 1859, 2 Vols. 1861, 2 „
„ 1862, 2 „ 1863, 2 „
„ 1864, 2 „ „
- Z 5** ———, agriculture, 1850, 51, 53, 2 ; 54, 66, 70. „

MISCELLANEOUS.

- S 1** **Acta** literaria societatis Rheno-Trajectinae.
Vol. ii.—iv. Lugd. Bat. 1795-1803
- H 8** **Alston** (J.), the gospel of St. Luke in raised letters for
the use of the blind. Glasg. 1838
- D 6** **Aperçu** général des trois royaumes.
(Orient. transl. fund.) Par. 1832
- D 9** ———— „ „ atlas.
- S 1** **Aphorismen** über sensitivität und Od.
von Dr. Reichenbach. Wien, 1866
- S 1** **Atkinson** (J.), customs of the women of Persia.
Lond. 1832
- S 1** **Autores** classici e Vaticanis codicibus, curante a Maio.
Vol. i.—x. Rom. 1828-32
- E 25** **Bache** (A. D.) and **McCulloh** (R. S.), reports on sugar
hydrometers. Washington
- S 1** **Bacon** (F.), of the advancement of learning.
interpreted by G. Wats. Oxf. 1640
- S 1** **Bamford** (S.), a glossary of some words and phrases in
use amongst the rural population of South Lancashire,
1843, MS.
- W 28** **Bangma** (O. S.), verhandeling over de driehoeksmeting
Amst. 1808
- D 29** **Bartholomäus** von Sct. Aegidius, Chronik von Prag im
Reformationszeitalter. Prag, 1859
- S 2** **Berg** (F. E.), over de afschaffing van de kaapvaart.
Utrecht. 1828
- S 2** **Beretning** om den almindelige iudstitting for Tromso
Stift, &c. Christiana, 1872
- D 27** **Beuf** (E. B. Le), du commerce de Nantes. Par. 1857

- S 2 Blair** (H.), sermons. 3 Vols. Lyon
- H 9 Boyer** (A.), dictionnaire François-Anglais.
2d ed. Lond. 1816
- S 2 Caspari** (Dr. C. P.), Quellen zur Geschite des Taufsym-
bols und der Glaubensregel.
Pts. 1, 2. Christiana, 1866-9
- Chadwick** (E.), a supplementary report on interment
in towns. Lond. 1843
- S 2 Chodzko** (A.), specimens of the popular poetry of Persia.
(Orient. transl. fund.) Lond. 1842
- S 2 Cialdi** (Aless), sul moto ondozo del mare, &c.
2d ed. Roma, 1866
- S 2 Club**, political economy; names of members 1821-60,
rules, and list of questions discussed 1833-60.
Lond. 1860
- D 27 Coehoorn** (Baron van), het leven van, beschreven door
zijnen zoon. Leeuw. 1860
- H 8 Confucius**, the works of, ed. by J. Marshman.
Vol. i. Serampore, 1809
- S 2 Dalton** (J.), elements of English Grammar. Lond. 1801
- D 29 Debates**, parliamentary, on the dissenters' chapels bill.
Lond. 1844
- S 2 Delprat** (G. H. M.), over den invloed der fraterhuizen.
Utrecht. 1830
- S 2 Directory**, Trow's New York City, for 1868, by Wilson.
Vol. lxxxi. New York
- S 2 Dirks** (J.), van den koophandel der Friezen.
Utrecht, 1838
- S 2 Dissertation** on the nature of value. Lond. 1825
- S 2 Dockray** (B.), four essays. Lanc. 1849
- S 2** ———, two dialogues. „ 1859
- S 2** ———, Egeria or casual thoughts.
2d ed., 2 Vols. Lond. 1854-7

- S 3** Drinkwater (J.), statements respecting the department
of comptrollers of army accounts. Lond. 1835
- S 3** Dyer (F. N.), the slave girl. „ 1848
- Esop**, fables translated by R. Thom into the Chinese
language. Canton, 1840
- Y (l.c.)** Esprit des journaux.
83 Vols., 1792-1800. Paris
- S 3** Essays by a society of gentlemen. Exeter, 1796
- S 3** Eustachius (Fr.), summa philosophiæ. Cambr. 1648
- Y l.c.** Extracts from the information received by the com-
missioners as to the administration and operation of
the poor-laws. Lond. 1837
- S 3** Famine, the second cotton, and how to prevent a third.
London
- S 3** Filangieri (G.), the science of legislation.
2 Vols. „ 1806
- S 3** Fitzgerald (G.), an essay on Biblical Hebrew.
Dubl. 1796
- S 3** Fothergill (A.), essay on the preservation of shipwreck-
ed mariners. Lond. 1799
- S 3** Gazetteer, for New South Wales ; by Bailliere.
Sydney, 1866
- H 8** Ghirardini (Aless), studj sulla lingua umana, &c.
Milano, 1869
- S 3** Giacoletti (J.), de lebetis materiæ carmen. Amst. 1863
- S 3** Gisborne (T.), walks in a forest, or poems, &c.
2d ed. Lond. 1796
- S 3** —, an enquiry into the duties of the female sex.
„ 1797
- S 3** —, principles of moral philosophy.
4th ed. „ 1798

- S 5 Jones (Sir W.), works. 13 Vols. Lond. 1807
- S 5 — (Revd. H. H.), on the philosophy of education.
Lond. 1837
- S 6 Journal, the food.
Vol. i. (*want* pt. 3, 9)—iv. ,, 1870-3
- S 5 Law, the great, of the human mind. ,, 1856
- S 5 Leigh (J.), Sir Percy Legh and other ballads.
Manch. 1861
- S 5 Lewis (Prof. Taylor), State rights, a photograph from
the ruins of ancient Greece, &c. Albany, 1865
- S 5 Luigi Palma, del principio di nazionalita.
Milano, 1867
- S 6 Maerlant (J. van), rymbybel.
Vol. ii., iii., 1, 2. (*with* glossarium 1861.)
Brux. 1859-61
- S 6 —, Alexanders Geesten.
Vol. i., ii. Brux. 1860
- S 6 Magee (W.), discourses on the scriptural doctrines of
atonement and sacrifice. Lond. 1801
- S 6 Manual, for the use of the legislature of the state of
New York. 1870
- S 6 Marshman, dissertation on the characters and sounds of
the Chinese language. Serampore, 1809
- S 6 Martin (R.), mémoire sur le calendrier Musulman.
Part 1. Par. 1857
- S 6 Merkes (J. W. G.), de buskruid-magazijnen.
Utrecht, 1838
- S 6 Message, annual, of the Governor of the state of New
York. Albany, 1870
- H 8 Milton (J.), Paradise Lost.
6th ed. Lond. 1695

- H 8** Minutes of evidence on the London and Westminster
oil gas bill. 2 Vols. Lond. 1824-5
- S 6** Moivre (A. de), the doctrine of chances. „ 1718
- S 6** Morgan (A. de), on probability. Lond.
- S 6** — (W.), the principles and doctrines of assurances,
annuities, &c. Lond. 1821
- S 7** Morkinskinna, by C. R. Unger. Christiana, 1867
- S 7** Nederlandsche gedichten, van Jan Boendale und Hein
van Aken. Brussel, 1869
- D 35** Neumann (C. F.), translations from the Chinese and
Armenian.
(Orient. transl. fund.) Lond. 1831
- Y 1.c.** Nicholls (G.), three reports on the poor laws, Ireland.
Lond. 1838
- S 7** Noël et de la Place, leçons françaises de littérature.
2d ed. Brux. 1841
- S 7** Norton's literary and educational register for 1854.
New York
- S 7** O'Brien (C.), a treatise on calico printing. 1792
- X** Opgaven, wiskunstige. Amst. 1855-9
- H 9** Olde Friesche Cronike, uitgegeven door, het Friesche
Genootschap, 1853. Lewarden, 1853
- S 7** Paine (Martyn, *M.D., A.M., LL.D.*), physiology of soul
and instinct. New York, 1872
- S 7** Pasley (T. H.), the philosophy of mesmerism.
Lond. 1848
- S 7** Parthenopeus van Bloys, door J. H. Bormans.
Brussel, 1871
- S 7** Proceedings of the second annual meeting of the
National Board of Trade in Richmond. Boston, 1870

- S 7 Ramsay (Geo., *B.M.*), principles of psychology. Lond. 1847
- S 7 —, analysis and theory of the emotions. „ 1848
- S 7 —, an introduction to mental philosophy. „ 1853
- S 7 —, Instinct and Reason. „ 1862
- S 7 —, Moralist and Politician. „ 1865
- H 9 Reader, the, a review. Vol. ii.—vii. Lond. 1863-66
- Y l.c. Report from the poor-law comm. on the training of pauper children. Lond. 1841
- Y l.c. — on the continuance of the poor-law commission. Lond. 1840
- Y l.c. — of special assistant poor-law comm. on the employment of women and children in agriculture. Lond. 1843
- Y l.c. — from the commissioners for inquiring into the administration and practical operation of the poor-laws. Lond. 1834
- Y l.c. — annual, of the poor-law comm. for England and Wales. i.—ix. Lond. 1835—43
- S 7 — of the Secretary of War. Wash. 1865—9
- S 7 — of the Chief Signal Officer to the Secretary of War for 1871-2. Wash.
- S 7 — of the Adjutant General of the State of New York. Vol. i. Albany, 1865
- S 7 — of the Cotton department in the Central provinces of India for 1868-9-70-1. Bombay, 1869
- S 7 — of the Board of Trade on Banks, Banking, and Life Assurance, by Bentley. London
- S 8 — of the committee of the soc. of arts on preventing the forgery of bank notes. Lond. 1819
- S 8 — of the Insurance department of New York for 1867—9. Pt. 1, 2. Albany
- S 8 — of Jury trial—Binney & Co. against the Clydesdale Chemical Co. Edin. 1860
- S 8 — „ „ Gillespie against Russel & Son. Edin. 1862

- S 8 Report; Manchester directory division bill. 1850
- S 8 Reproof, the, of Brutus. Lond. 1830
- Reslhuber (P. A.), die Constanten von Kremsmünster.
Linz, 1853
- S 8 Rinmann (S.), allgemeines Bergwerkslexikon.
2 Vols. Leipz. 1808
- S 8 ———, Bergwerks Lexicon. 2 Vols. Stockh. 1788-9
- S 8 Roscoe (W.), observations on penal jurisprudence.
Lond. 1819
- S 8 Salbmagirje (Lappisk Salmebog), by Prof. J. E. Fries.
Kristiana, 1871
- S 8 Schlegel (A. W.), Lectures on dramatic art and literature.
Lond. 1846
- S 8 Scoresby (W.), American factories and their female operatives.
Lond. 1845
- S 8 Scripores rerum Lusaticarum.
Vol. i.—iv. Görlitz, 1837-70
- S 8 Shakspeare (W.), Macbeth, with notes by H. Rowe.
York, 1797
- S 9 Sharp (G.), the Gilbert prize essay on practical banking.
1854
- S 9 Simpson (T.), the doctrine of annuities.
2d ed. Lond. 1775
- S 9 Speghel der Wijsheit of Leeringhe van Jan Praet.
door J. H. Bormans. Brussel, 1872
- S 9 Storm (Joh), de Romanske sprog og folk.
Kristiana, 1871
- S 9 Tooke (J. H.), diversions of Purley.
Part 1. Lond. 1786
- S 10 Tracts from various authors.
Vols. i.—ix., xi.—xviii.
- H 9 ——— ” ” ”
Vols. i., iii., iv.

- S 9 **Union**, the fortunate, a Chinese romance.
2 Vols. Lond. 1829
- S 9 **Vaughan (W.)**, tracts on docks and commerce.
„ 1839
- S 9 **Verzeichniss** Oberlausizischer Urkunden.
Parts 1—9. (*wants* after p. 80 of part 9.)
Görl. 1799-1824
- S 9 **Wealth** and politics for all the Queen's subjects.
London
- S 9 **Wimpey (J.)**, a treatise, &c. (remarks on Bishop Berkeley's treatise.)
Lond. 1776
- S 9 **Wörterbuch**, Schwärbisch, augsburgisches.
von Dr. Anton Birlinger. München, 1864
- S 9 **Yakkun Nattannawā**: a Cingalese poem.
London, 1829
- S 9 **Yorkshireman**, the, a religious and literary journal.
Vol. i., part 2. Pontefract, 1833

MANCHESTER :

T. SOWLER AND CO., PRINTERS, RED LION STREET, ST. ANN'S SQUARE.

1875.

