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THE
ANIMAL KINGDOM,

ARRANGED ACCORDING TO ITS ORGANIZATION,
Viewing as a

Foundation for the
NATURAL HISTORY OF ANIMALS,

and an
In reduction to comparative Anatomy.

BY
BARON CUVIER,

Great Officer of the Empire, Honorary Member of the State, Member of the Royal Council of Public Instruction, and of the Faculty of the French Academy, Legation Secretary to the Academy of Sciences, Member of the Academies, Royal Societies of London, Berlin, Petersburg, Stockholm, Vienna, Edinburgh, Copenhagen, Göttingen, Pavia, Modena, the Netherlands, and of the American Society of London &c

WITH FIGURES DESIGNED AFTER NATURE:

the
Crustacea, Arachnides & Insecta,

by
M. Latreille,

Chevalier of the Legion of Honour, Member of the Institute, Royal Academy of Sciences, & of the greater portion of other learned Societies in Europe, America &c

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VOL. IV.

INSECTA-ZOOPLUYTES.

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* This species is a Fabrician *Alurnus*.

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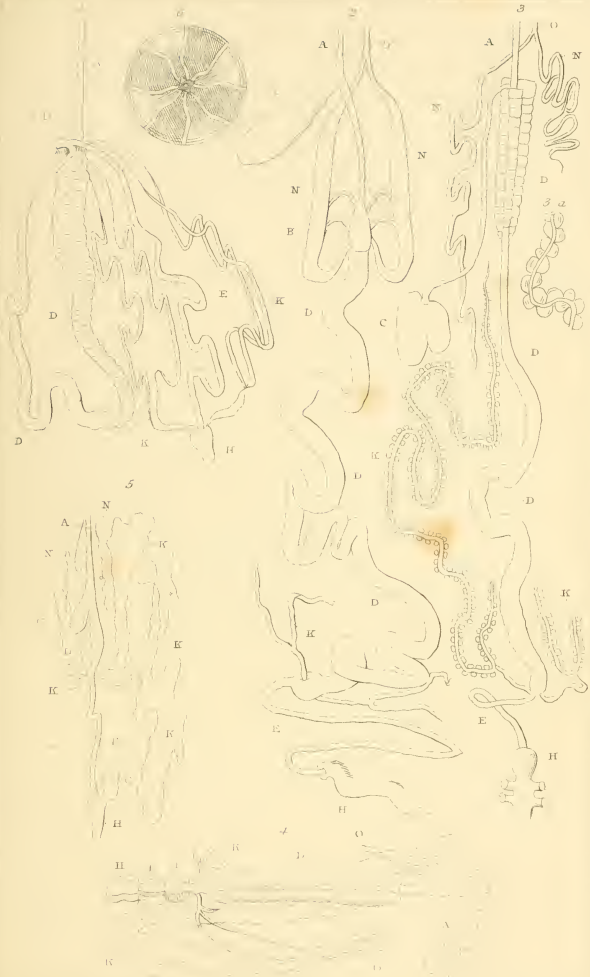
* An extraordinary species of *Floriceps* found in the liver of the *Diodon Mola*. It is enveloped in a membranous sac (fig. 2), which appears to be connected in some way with its body, and to enjoy the faculty of voluntary contractions. Fig. 3.—The sac opened and the animal exposed.

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Organs of Nutrition in Insects



Organs of Nutrition of Intestine

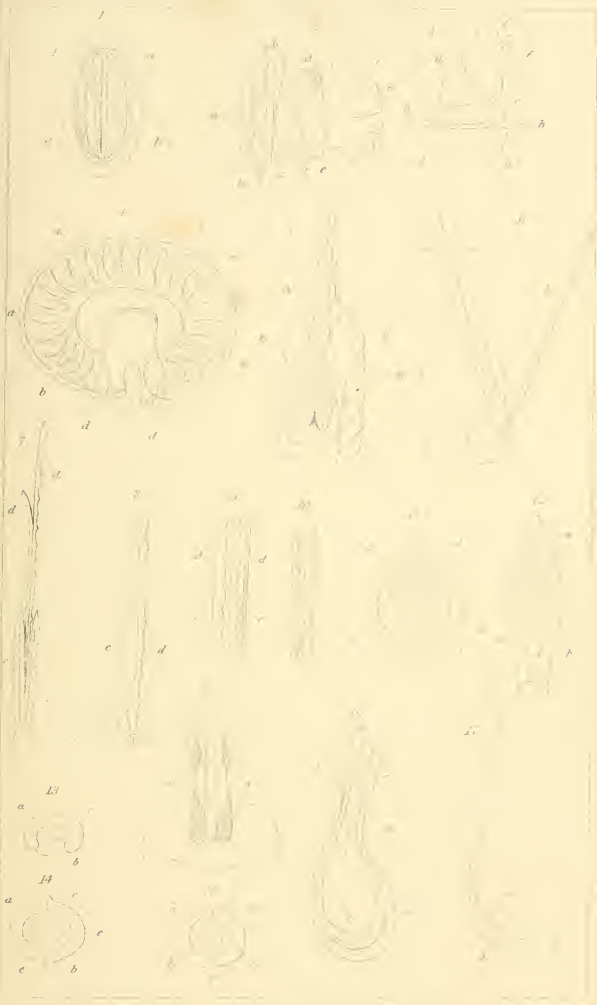
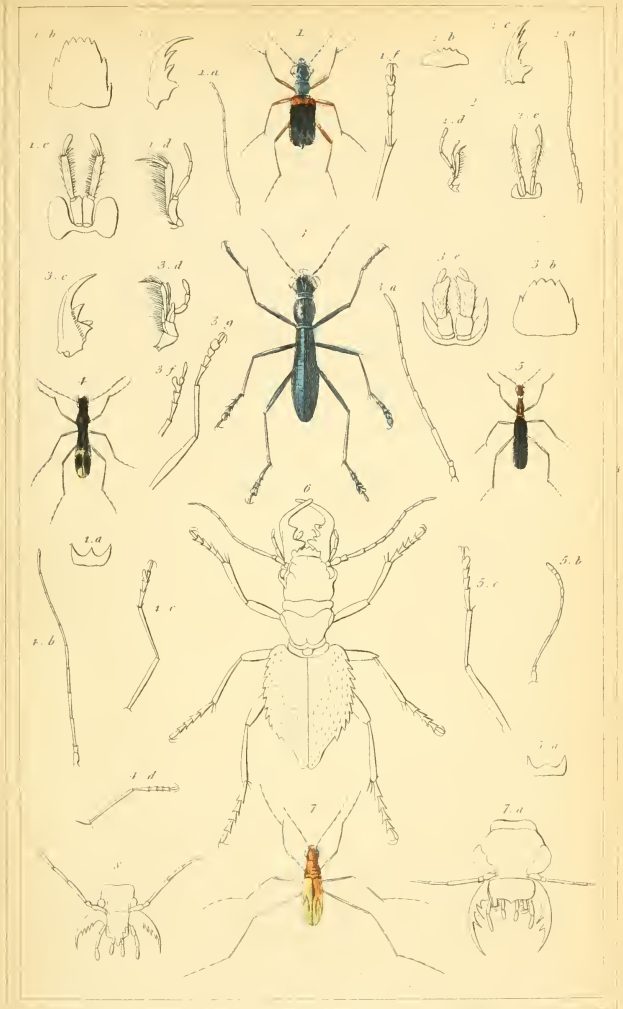


PLATE 4. Mouthparts of *Blattella*

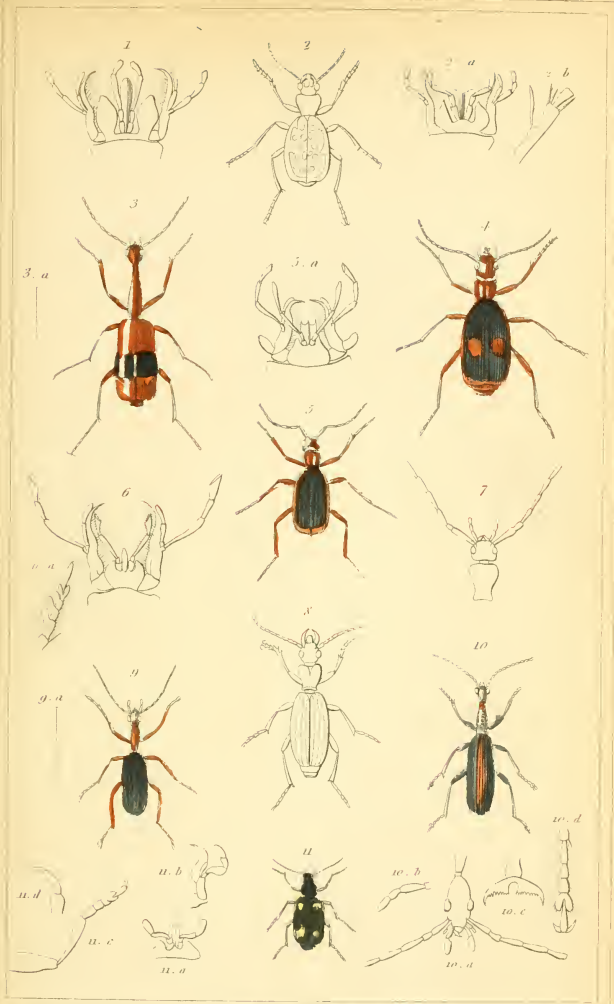




Organs of Generation in Insects.



1 *Therates basilis* Dej. 2 Anatomical details of the *Megacephala carolina* Latr. 3 *Trycondylia aptera* Latr. 4 *Ctenostoma rhynchononense* Dej. 5 *Calliniris modesta* Dej. 6 *Manticoxanaxillosa* Latr. 7 *Cicindela tenuipes* Gu. 8 Head of the *Oxycheila tristis* Dej.

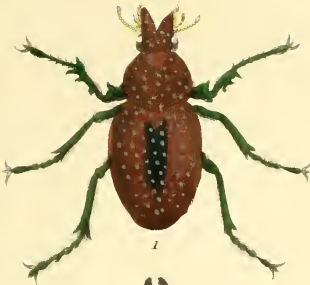


1. Mouth of the *Anthia w. guttata*. Latr. 2. *Graphipterus multipunctatus*. Latr. 3. *Casnomia serripalens* *St. Bur. & Serv.* 4. *Brachinus Jurinei*. Dej. 5. *Trichognathus marginatus*. Latr. 6. Mouth & Tarsus of the *Galerita americana* Latr. 7. Head & 1st set of the *Euphonia olens* Latr. 8. *Helluo costatus* Latr. 9. *Dripta rugicollis* Dej. 10. *Agrus splendida*. Latr. 11. *Lebia flavonaculata* Guér.



1 *Panagrus quadrimaculatus*. 2 *Pamborus alternans*.
 3 *Elater bicornis* 4 *Onitis subflavus*
 5 *Cetonia bicornis* 6 *Hellus costatus*.

7 *Lamia venosa*.
 London. Giffordson. 2. Old Bailey.



1



2



3



4



5



6



7

1 *Goliath barbicornis* The Horned Goliath 2 *Buprestis scutellata* The armadillo Buprestis
 3 *Lucanus serricornis* The serrated Lucanus 4 *Cetonia bicornis* The two-horned Victoria
 5 *Hispa marginata* The Margined Chestnut Fly 6 *Helaus perforata* The perforated Helaus of New-Holland
 7 *Erenius Appendiculatus*



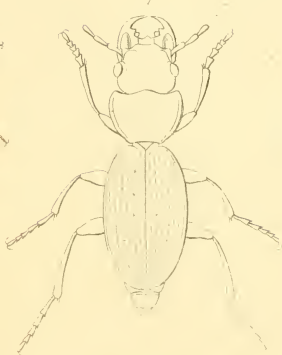
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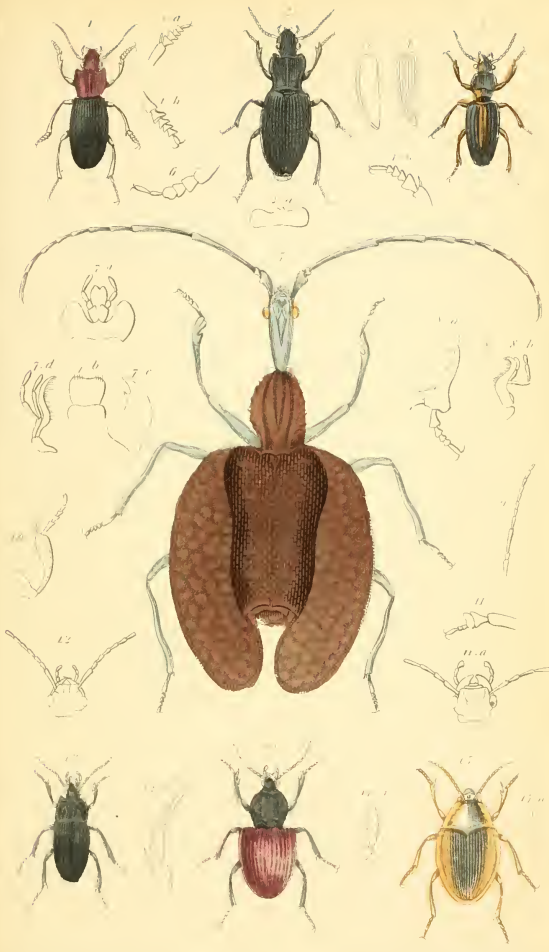
Organs of Generation in Insects.



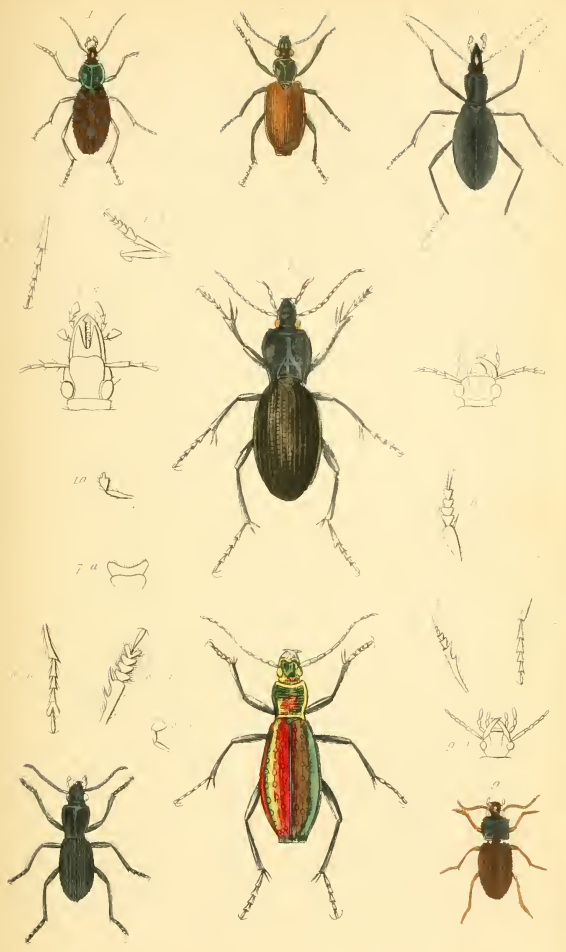
Organs of Generation in Insects.



1 *Stagonia Europaea* Dej. 2 *Oxystomus Sancti-Albani* Latr. 3 *Scapterus lucens* Dej. 4 *Enceladus* (of *gasc. Bon.*) 5. *Apotonius rufus* Latr. 6 *Slender foot of the Hirschirius thoracicus* Latr. 7. *Moina simpliciter* Dej. 8. *Acanthocelis ruficornis* Latr. 9. *Antenna of the Oxyma longera* Dej. 10 *Bitomus violaceus* Latr. 11. *Head of the Bitomus calycidomus* Latr. 12 *Cyllosemus fleucusus* Latr.

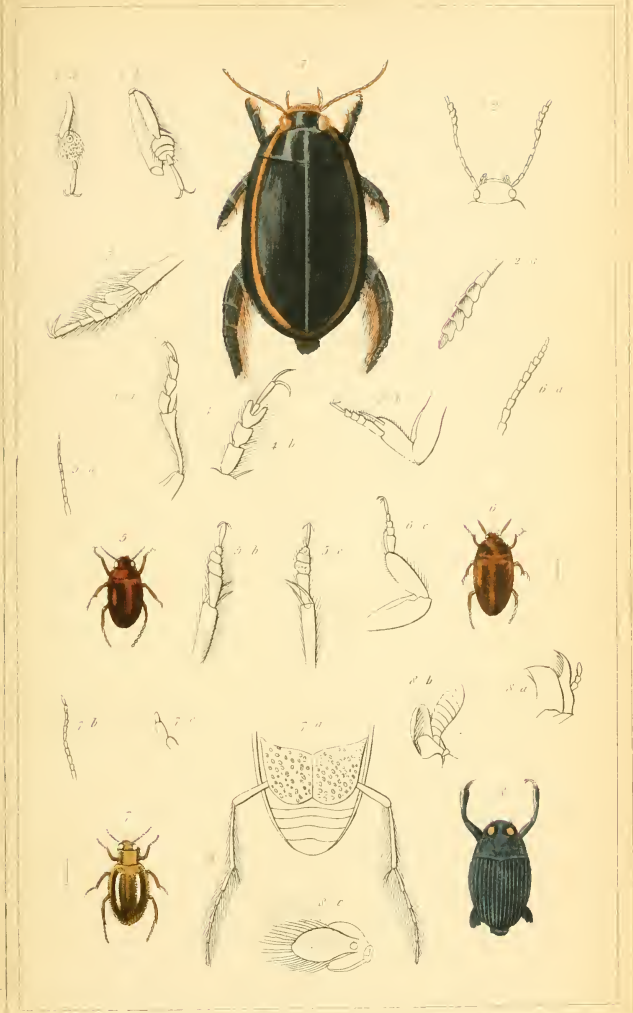


1 Harpalus tricolor Latr. 2 Trigonotoma viridicollis Dej. 3 Elytra of the Feronia nivarica Latr. 4 Elytra & Tarsus of the Feronia melanocera Lat. 5 Cephalotes rufipes Lat. 6 Hindler Tarsus of the Patriobus rufipes male. 7 Mormolyce phyllodes Lat. 8 Hindler foot & Jaw of the Zabrus gibbus Lat. 9 Antenna of the Sphodrus terraecola Lat. 10 Hindler foot of the Feronia hottentota Lat. 11 Hindler Tarsus & foot of the Loricus agrivola male. 12 Head of the Loricera pilicornis Latr. 13 Cynthia abaroides Lat. 14 Eumegastus fulvipes Lat. 15 Omophran saturalis Guér.



1. *Spheroederus nitidicollis* Chevrol. 2. *Calosoma rufipenne* Dej. 3. *Cychrus stibicus* Bonelli. 4. *Pannobius alternans* Lat. 5. Head of the *Pogonophorus*. 6. Under Tarsus of the *Pelophilus*. 7. *Carabus rati* Lat. 8. *Pelecanus cyamipes* Kirby. 9. *Masoreus luvatus* Dej. 10. Palpus of the *preceps* at hemeladion.





1. *Dytiscus Lherminieri*, Chev. 2. *Dytiscus serricornis* Payk. 3. *Hydrobia thermanni* Latr. 4. *Noterus crassicornis* Clair. 5. *Cyrimus sulcatus*, Dej. 6. *Haliphus elevatus*. 7. *Haliphus elevatus*. 8. *Cyrimus sulcatus*, Dej.

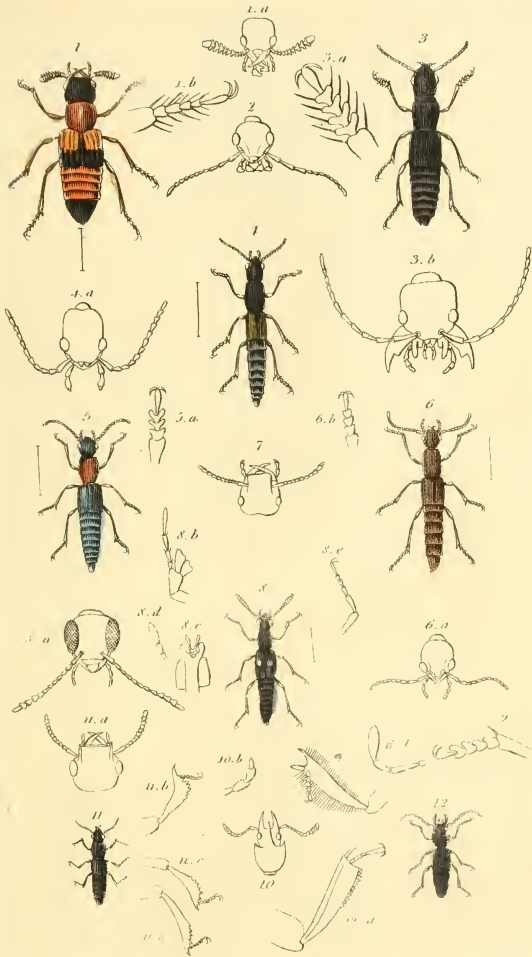


Organs of generation in Insects.

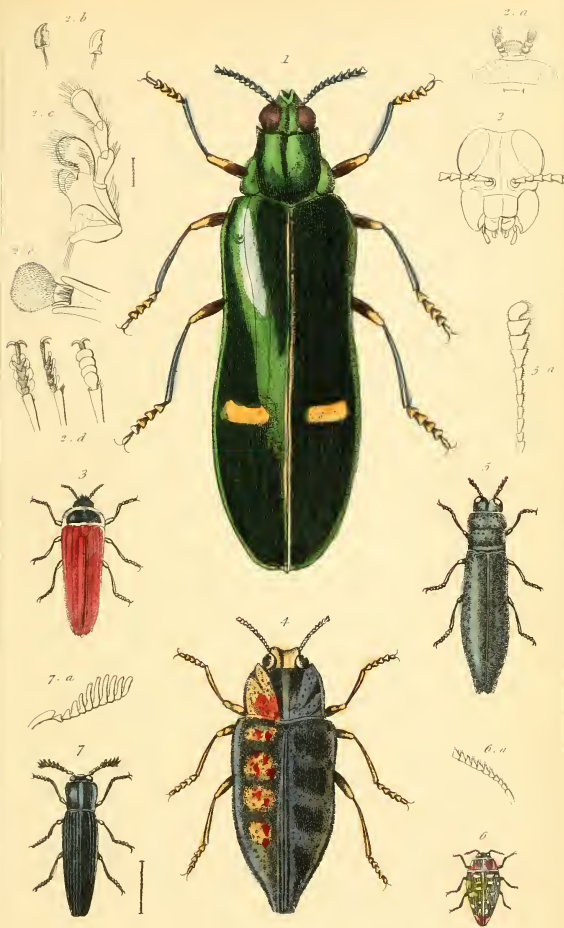
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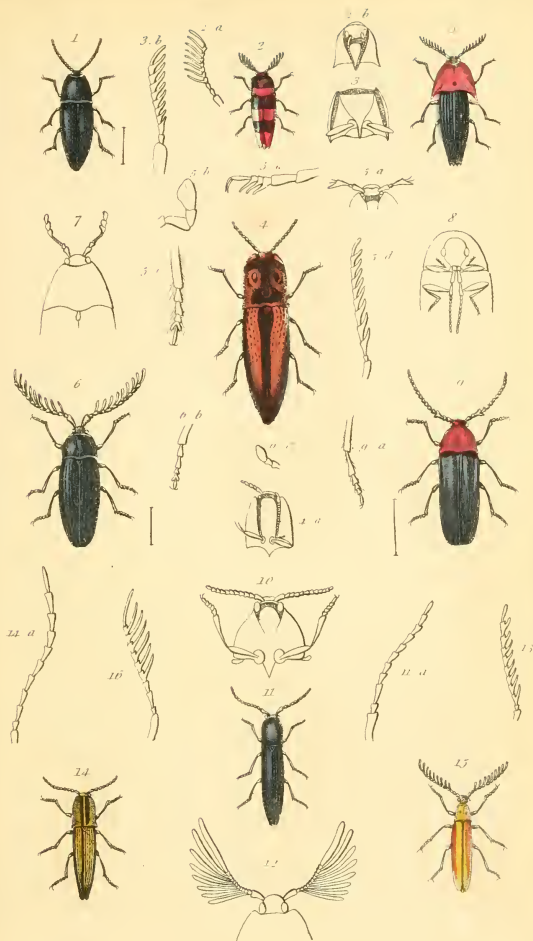
Organs of Generation in Insects.



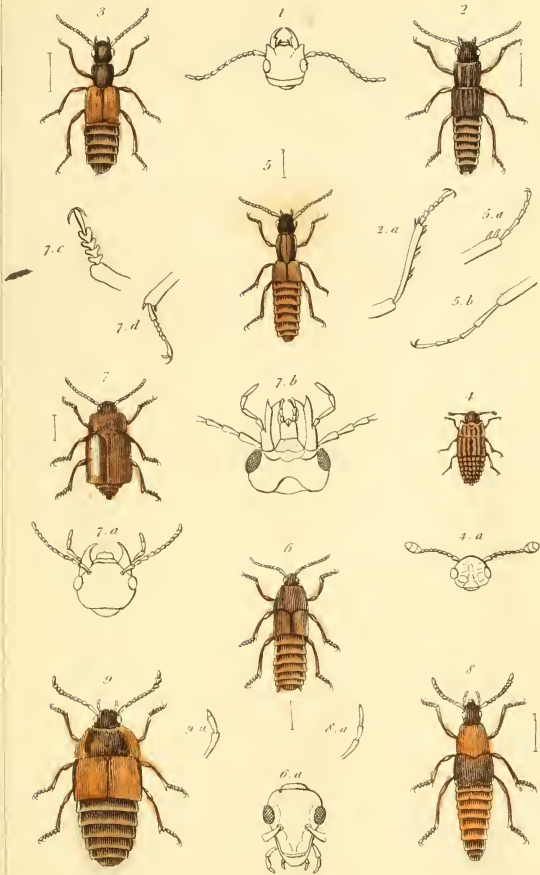
1. *Oxypterus rufus* Lat. 2. Head of the *Astraptus uliginosus* Oliv. 3. *Staphelinus tataricus* Esq. 4. *Lathrobium elongatum* Lat. 5. *Psephenus ruficollis* Fab. 6. *Procris*: *Letchura* Lat. 7. Head of the *Byaesthetus*. 8. *Menus longitarsis* Lat. 9. Anterior Tarsus of the *Sulcius*. 10. *Oxytelus unicornis* Fab. 11. *Orosius baikalensis* Lat. 12. *Zyrophorus striatus* Lat.



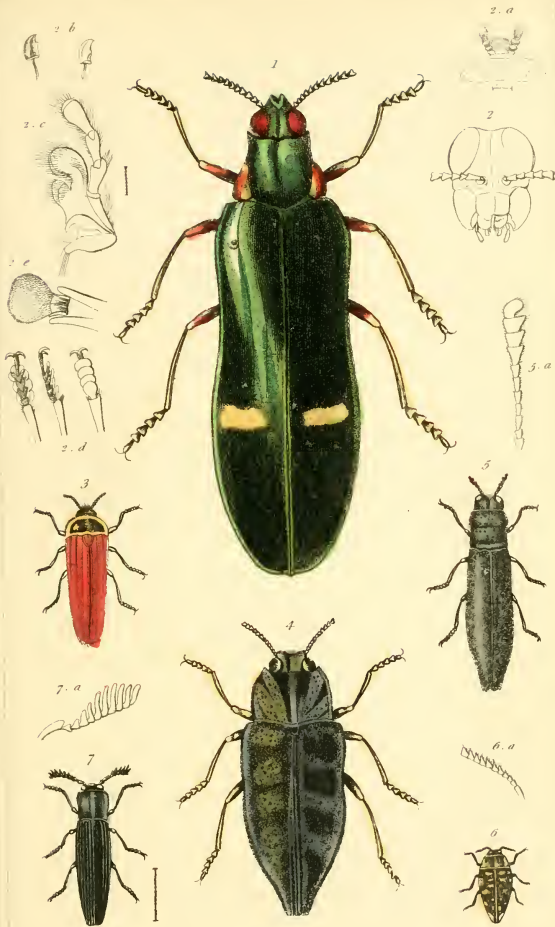
1. *Buprestis bicolor*. Lat. 2. Anatomy of the *Buprestis gigas* Eub. 3. *Buprestis rubripennis* Guer.
 4. *Buprestis Lalandii* Guer. 5. *Aphanisticus emarginatus*. Lat. 6. *Trychys cruentata*. Eub.
 7. *Melasis buprestoide*. Oliv.



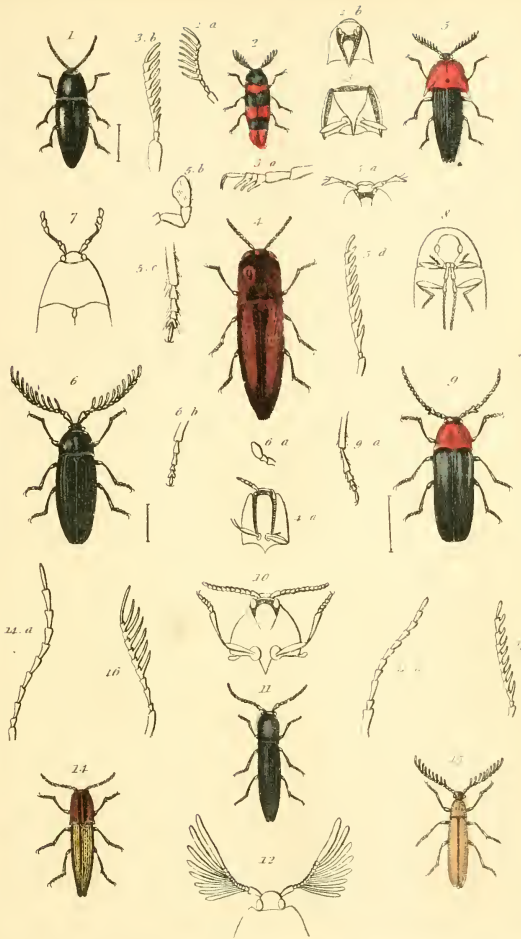
1. *Eucnemis capucinus*. Müll. 2. *Pterotarsus histrio*. Latr. 3. Anatomical details of the *Galbanus* *monilicornis*. Guér. 4. *Adelocera chabannui*. Guér. 5. *Balyderes ruficollis*. Guér. 6. *Cerophytum elateroides*. Latr. 7. *Throscus dermestoides*. Latr. 8. *Chelonarium undatum*. Latr. 9. *Cryptostoma denticornis*. Fabr. 10. Head & corselet of the *Lobæderus monilicornis*. Guér. 11. *Nematodes filum*. Latr. 12. Head of the *Henorrhypus flabellicornis*. Latr. 13. Antennæ of the *Ctenocera hamatodes*. Latr. 14. *Elatex plagiatus*. Germ. 15. *Campylus denticornis*. Fischer. 16. Antennæ of the *Phyllocerus flavipennis*. Dej.



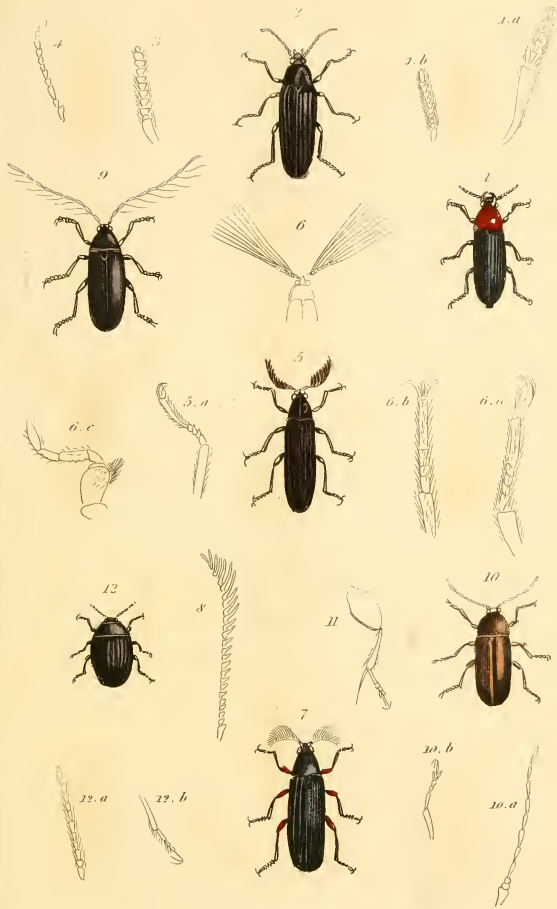
1 Head of the *Prognatha rotipennis* Lat. 2 *Coprophilus rugosus* Grav. 3. *Le stevia dichroa* Latr.
 4. *Micropeplus mulleri* Dej. 5 *Allochava canaliculata* Fab. 6. *Lomechusa pumilio* Grav.
 7. *Omalium blattoides* Grav. 8 *Tachinus atrivittatus* Fab. 9. *Tachiporus marginatus* Grav.



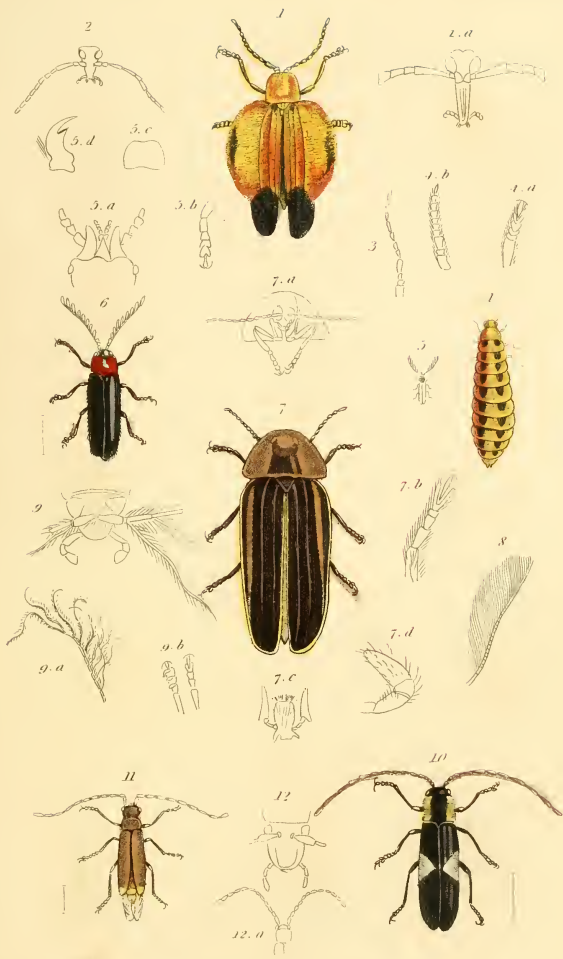
1. *Buprestis bicolor* Lat. 2. Anatomy of the *Buprestis gigas* Fab. 3 *Buprestis rubripennis* Guer.
 4 *Buprestis Lalandii* Guer. 5. *Aphanisticus emarginatus* Lat. 6. *Tecrhyus cruentata* Fab.
 7. *Melasis buprestoides* Oliv.



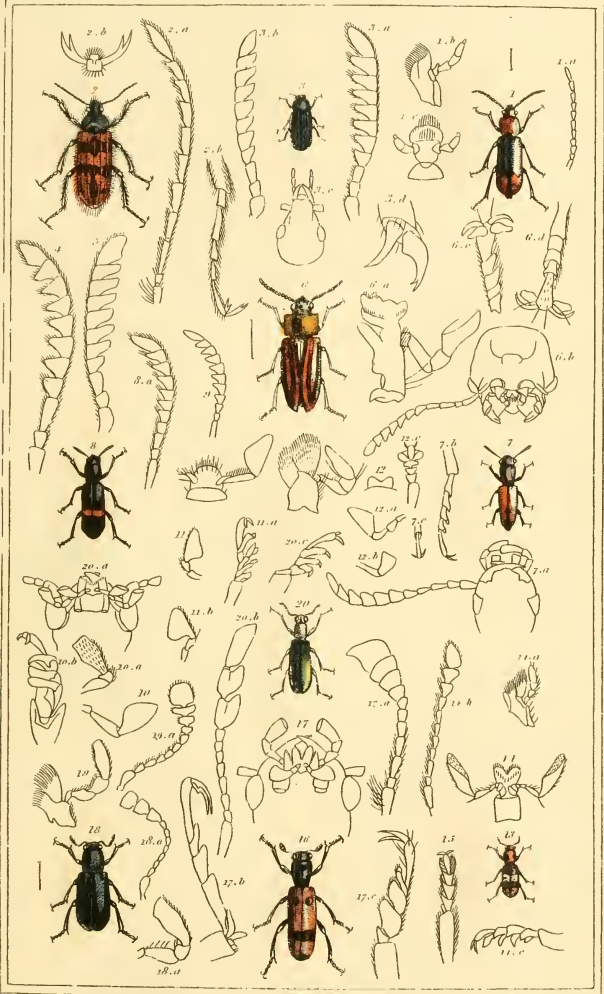
1. *Eucnemis capucinus* Man. 2. *Pterotarsus hister* Latr. 3. Anatomical details of the *Galba nassimorata* Guér. 4. *Adelocera chabanni* Guér. 5. *Bachoderes ruficollis* Guér. 6. *Gephyromelolateroides* Latr. 7. *Ithrosicus dermestoides* Latr. 8. *Chelonacera undulata* Latr. 9. *Cryptostoma denticornis* Fabr. 10. Head & corselet of the *Loboderes monticornis* Guér. 11. *Nematodes filum* Latr. 12. Head of the *Hemorrhipus flabellicornis* Latr. 13. Antenna of the *Ctenicera hamatodes* Latr. 14. *Elater plagiatus* Germ. 15. *Campylus denticollis* Fischer. 16. Antenna of the *Phyllocerus flavipennis* Dej.



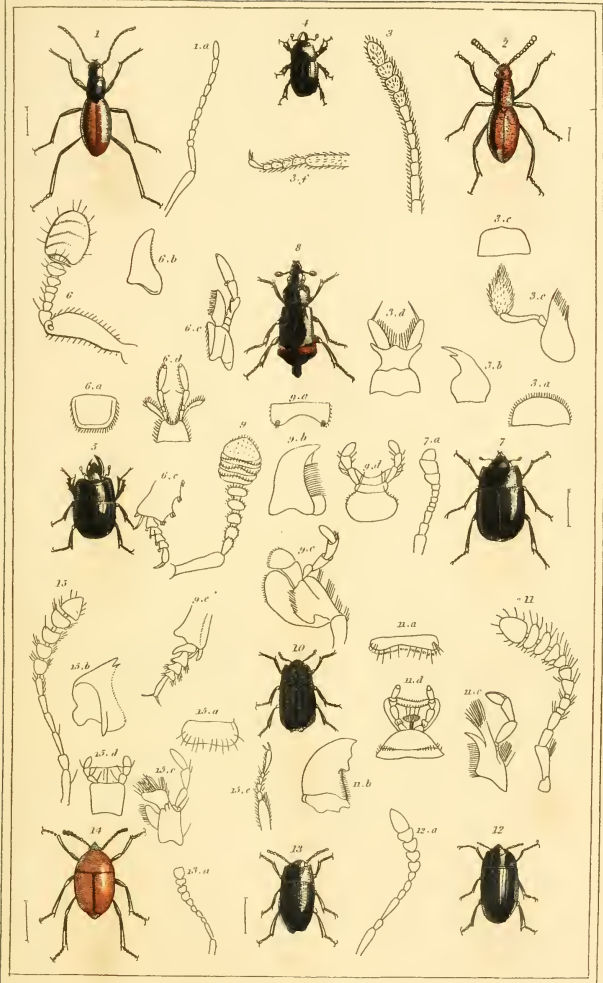
1. *Physodactylus Henningii*, Fisch. 2. *Cebrio fuscus*, Gory. 3. Antenna of the *Cebrio gigas*, fem. 4. Antenna of the *Anelastes Drurii*, Kirby. 5. *Callirhipis Goryi*, Guerin. 6. Anatomical details of the *Callirhipis Dejeani*, Latr. 7. *Rhipicerca cyanea*, Guér. 8. Antenna of the *Rhipicerca* fem. 9. *Ptilodactyla claterina*, Illig. 10. *Elodea pallidus*, Latr. 11. Under foot of the *Scyrtes*. 12. *Fabrini palustris*, Germ.



1. *Lucus latissimus*. Fab. 2. Head of the *Diptyera sanguinea*. Latr. 3. Antennae of the *Omalisus saturalis*. Geoff. 4. *Drilus flavescens*. female. 5. male of the same species as fig four. 6. *Drilus ruficollis*. Dej. 7. *Lampyris Savignyi* Kirby. 8. Antennae of the *Amydetes* Hoff. 9. Anatomical details of the *Cladophorus ruficollis*. Guér. 10. *Silus nigricolor* Guér. 11. *Malthinus hognattatus*. Oliv. 12. Anatomical details of the *Cordylocera antennata*. Guér.

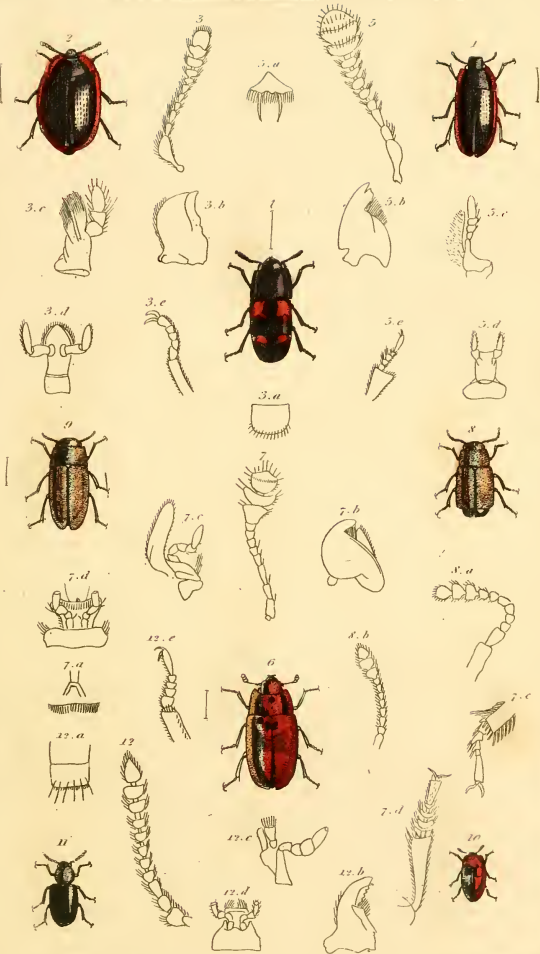


1. *Malachius ruficollis*. Fab. 2. *Dasytes trifasciatus*. Goe. 3. *Zygia oblonga*. F. 4. *Melyris viridis*.
 5. *Melyris abdominalis*. F. 6. *Pelecophora nigripineta*. Goe. 7. *Cylindrus basqueti*. Goe. 8. *Tillus*
ruficollis. Goe. 9. *Tillus unifasciatus*. F. 10. *Proceca*. 11. *Ascara*. 12. *Eurypus*. 13. *Thausiumus*
bombycinus. Chev. 14. *Thausiumus ferovicinus*. F. 15. *Opila*. 16. *Clerus flavicornis*. Chev. 17. *Clerus*
Alvearius. F. 18. *Necrobia violacea*. L. 19. *Necrobia ruficollis*. F. 20. *Emplidium viridipenne*. Kirby



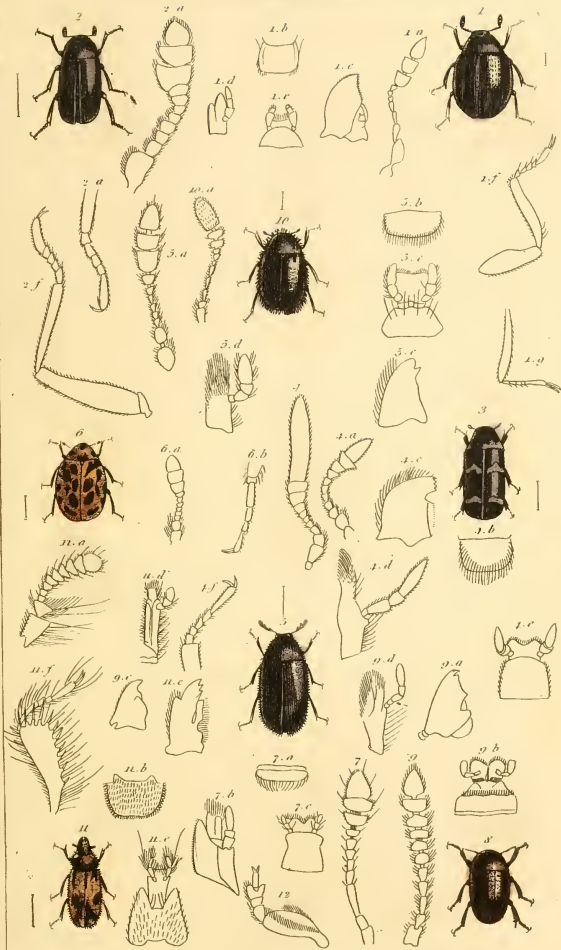
1. *Mastigus fuscus* Illig. 2. *Seydmanus hebrei* Var. Lat. 3. Anatomical details of the *Seydmanus hirticollis* Gyl. 4. *Hololopta dentata* F. 5. *Hister maculatus* L. 6. Anatomical details of the *Hister maculatus* L. 7. *Sphœrite glabratus* F. 8. *Necrophorus maritimus* Eschsch. 9. *Necrophorus germanicus* L. 10. *Silpha graminifera* Chev. 11. *Necrodes littoralis* L. 12. *Necrophilus hydrophiloides* Eschsch. 13. *Agrytes caschmensis* F. 14. *Scaphidium niaripes* Chev. 15. *Scaphidium maculatum* Oliv.



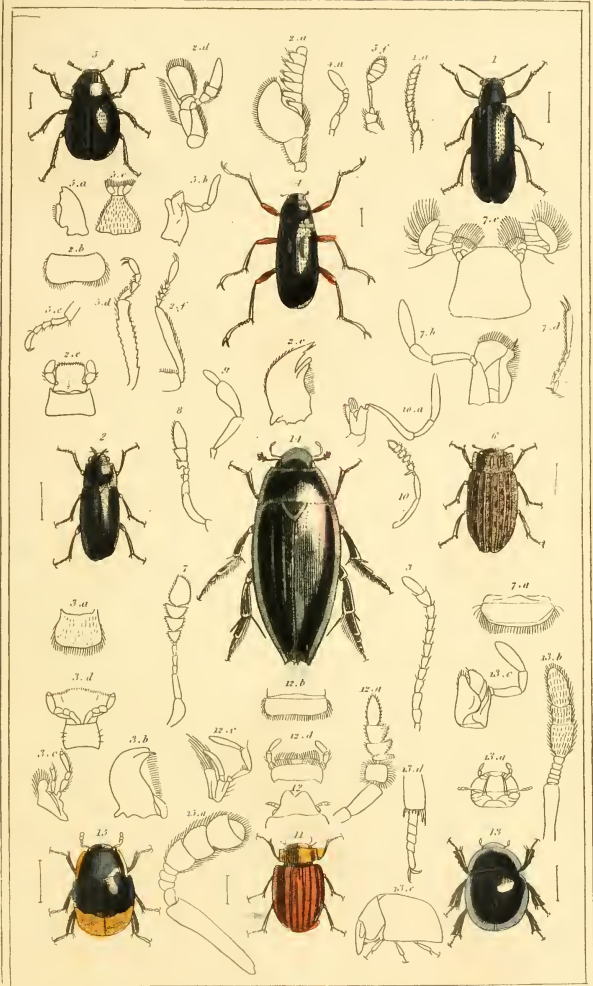


1. *Colobinus marginatus*. Lat. 2. *Thymalus marginicollis*. Chev. 3. Anatomical details of the *Thymalus limbatus*. F. 4. *Ips fasciata*. Chev. 5. Anatomical details of the *Ips punctata*. Herbst. 6. *Nitidula peruviana*. Guér. 7. Anatomical details of the *Nitidula imperialis*. F. 8. *Cercus pulicarius*. Lat. 9. *Byturus tenentis*. F. 10. *Dacne fenovialis*. Chev. 11. *Cryptophagus nigripennis*. Payk. 12. Anatomical details of the *Cryptophagus populi*. Payk.





1. *Aspidiphorus orbiculatus*. Göl. 2. *Dermeestes carnivorus*. Fieb. 3. *Megatomia undulata* Lat. 4. Anatomical details of the *Megatomia trifasciata*. F. 5. *Attagenus serris*. F. 6. *Anthrenus capensis*. F. 7. Anatomical details of the *Nosodendron fasciculare*. H. 8. *Byrrhus alpinus*. Gory. 9. Anatomical details of the *Byrrhus Bennii*. Kirby. 10. *Trinodes hirtus*. F. 11. *Heterocerus marginatus*. Fieb. 12. Feet of the *Byrrhus concolor*. Sturm.

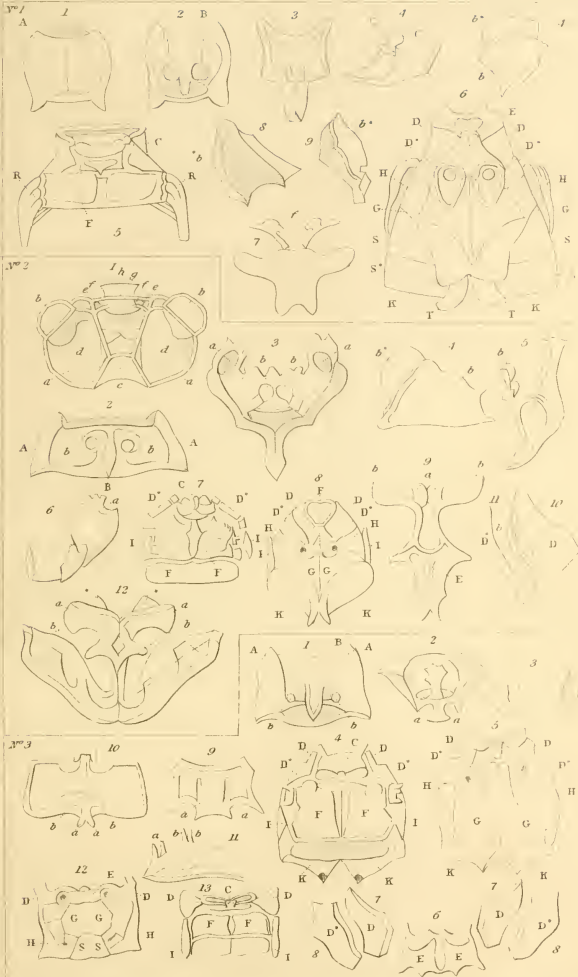


1 *Potamophilus orientalis*, Gory. 2 *Dryops prolifericornis*, Fab. 3. Anatomical details of the *Elmus Volekmari*, Emz. 4 *Macronychus tuberculatus*, Mbl. 5 *Cicariissus pygmaeus*, Gyl. 6 *Elophorus nobilis*, Fab. 7. Anatomical details of the *Elophorus fennicus*, Fab. 8. Antenna of the *Hydrochus elongatus*, Fab. 9. Palpi of the *Ochthebins hybernicus*, tart. 10. Anatomical details of the *Hydrotus testaceus*, a. tart. 11. *Spercheus sulcatus*, Gory. 12. Anatomical details of the *Spercheus emarginatus*, Fab. 13. *Globaria nitida*, Gory. 14 *Hydrophilus spinipennis*, Gory. 15. *Sphaeridium dimidiatum*, Gory.

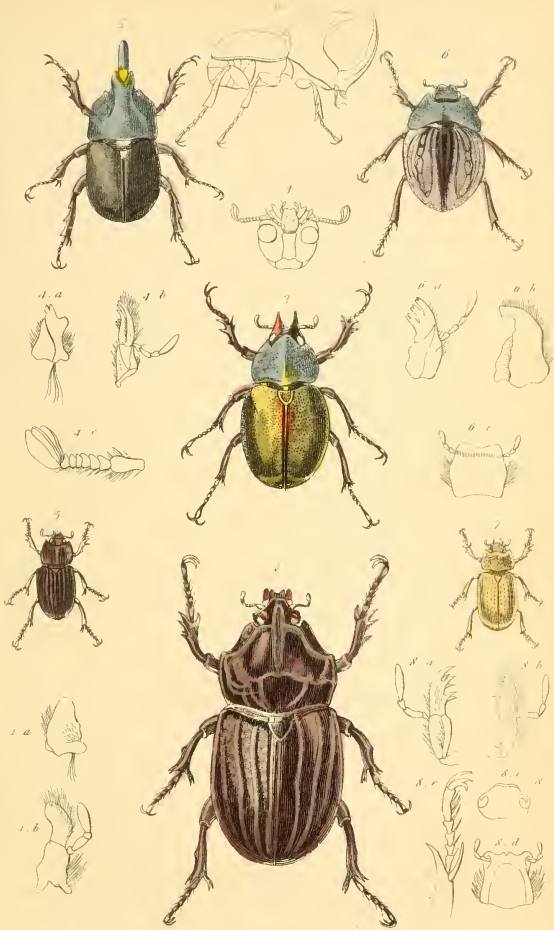
London: G. Henderson, 2 Old Bailey.



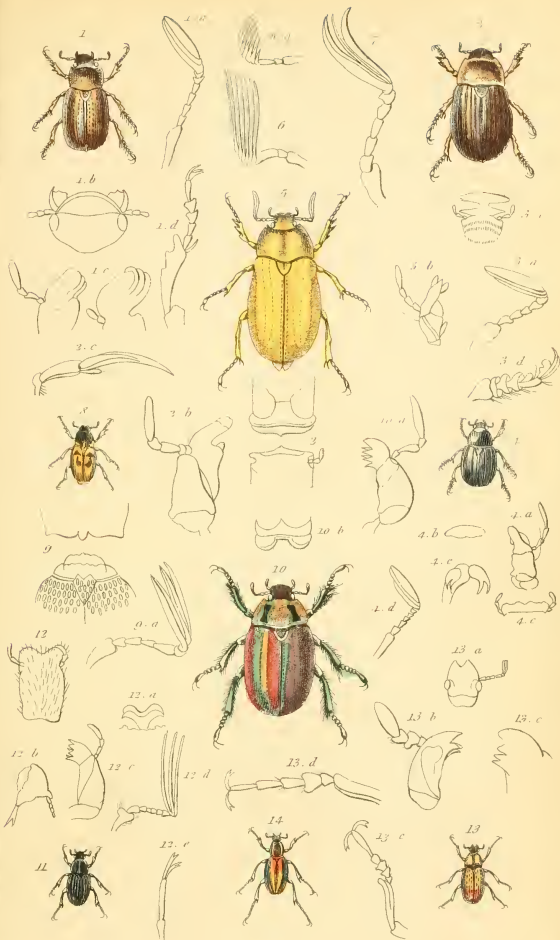
1. *Ateuchus Egyptianum*. Latr. 2. Anatomical details of the *Ateuchus sacer*. Latr. 3. *Circellium hemisphericum*. Latr. 4. *Coprobius viridis* Latr. 5. *Eucyrtus fodus*. Guér. 6. *Ontophagus rarus*. Guér. 7. Anatomical details of the *Ontophagus vacca*. Latr. 8. *Phaneus imperator*. Chevrol. 9. *Onitocellus formosus*. Chev. 10. *Coprins bellator*. Chev. 11. *Aphodius bipunctatus*. Fabr.



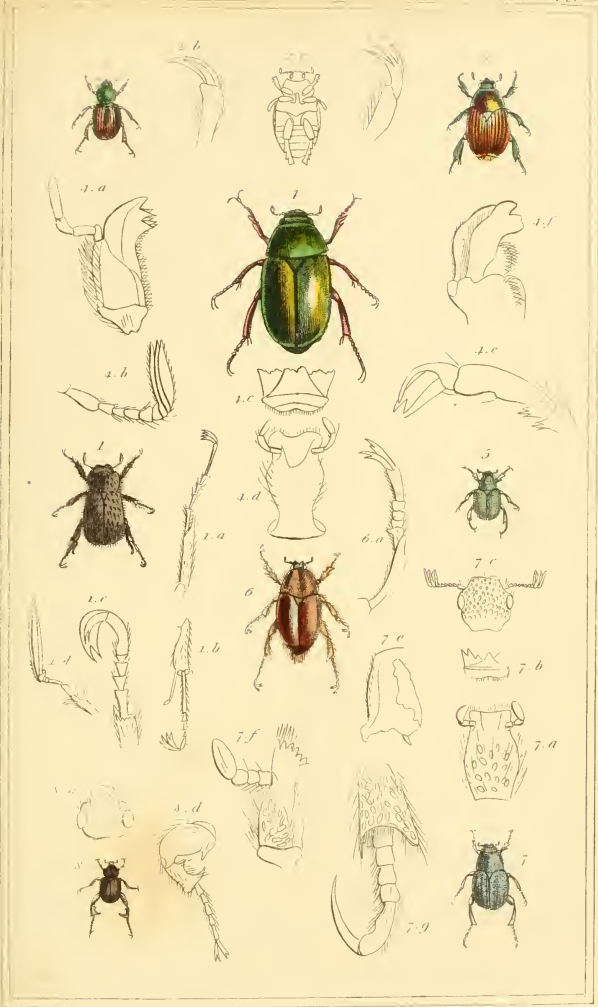
Organs of Motion in Insects.



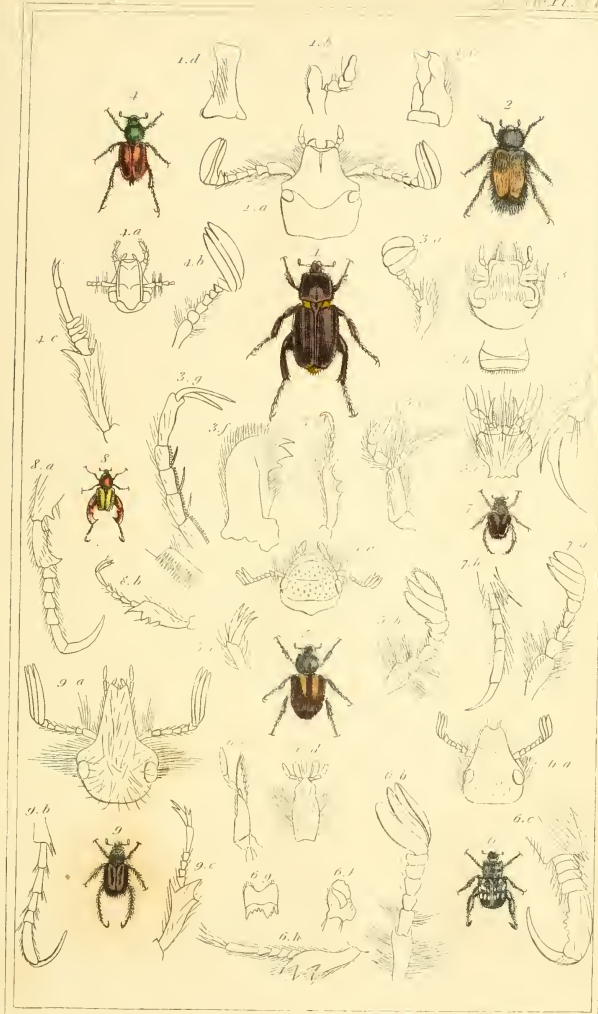
1 *Oryctes Chevrolatii* Guér. 2. *Agacephala furcata* Guér. 3. *Scarabaeus mentor* Guér. 4. Anatomical details of the *Scarabaeus gideon* Fabr. 5. *Phileurus cribratus* Chevri. 6. *Hexodon reticulatus* Olivier. 7. *Cyclocephala frontalis*, Chevri. 8. Anatomical details of the *Cyclocephala geminata* Fabr.



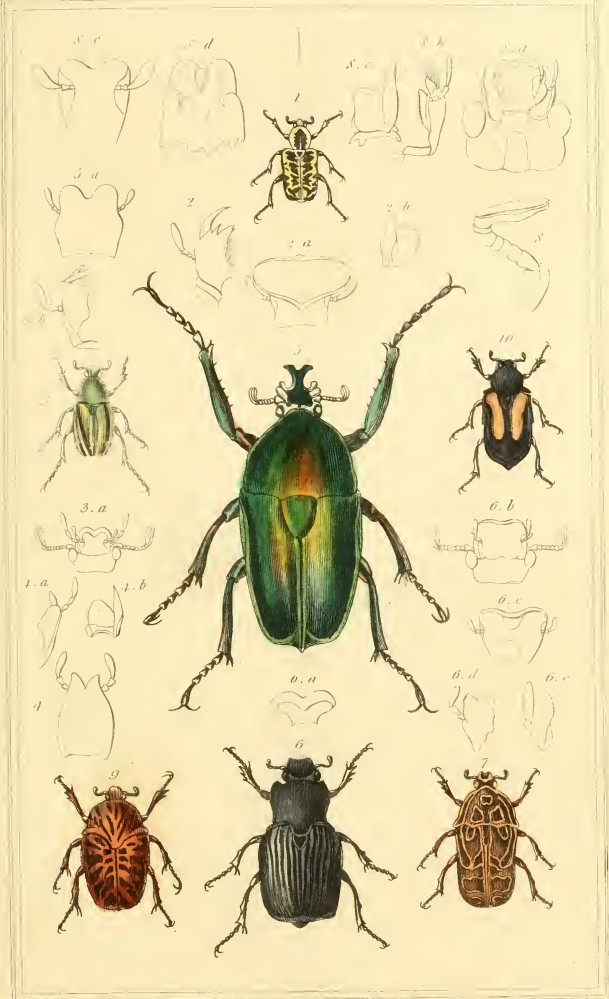
1 *Lencotheerus nitidicollis* Guér. 2 Anatomical details of the *Anoplognathus Latreillei* Sch. 3 *Geometes barbatus* Kirby. 4 *Apogonia geniculata* Kirby. 5 *Melolontha flavida* Gory. 6 Antenna of the *Melolontha vulgaris* L. 7 Antenna of the *Blisotrogus pini* Latr. 8 *Ceraspis decora* Gory. 9 Anatomical details of the *Ceraspis albida* Serv. 10 *Aroeda Kirbii* Mac. Leay. 11 *Serica flavimana* Gory. 12 Anatomical details of the *Serica variabilis* Lat. 13 *Rhipucephala furcata* Guér. 14 *Macroderes saturalis* Chev.



1 *Plectras tomentosa* Lep & Serv 2 *Popilia nitidicollis* Gory 3 *Anisoplia saturalis* Guér.
 4 *Fachlora viridana* Guér. 5 *Lepisia ruficollis* Serv. 6 *Dicranus velutina* Gory
 7 *Hoplia farnosa* Fabr. 8 *Dichelus dentipes* Serv



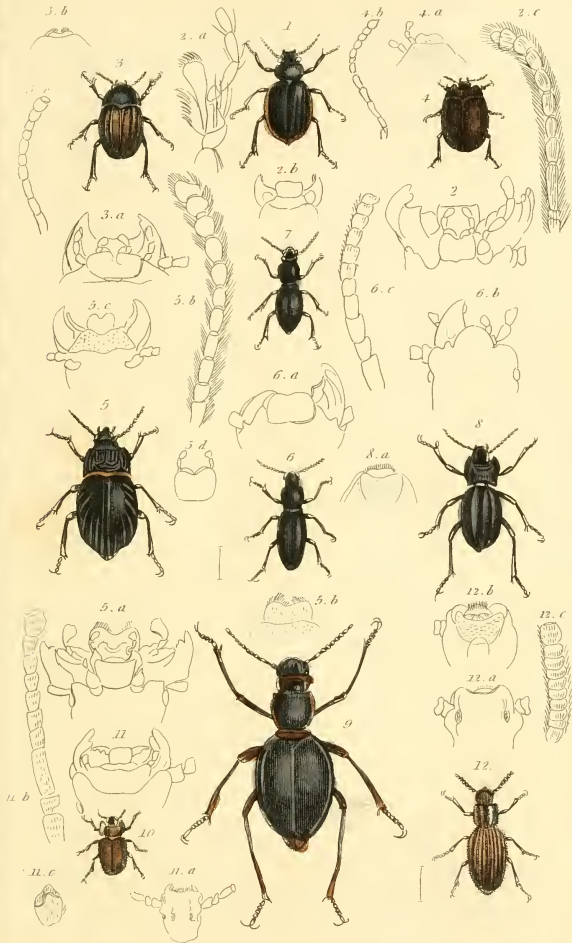
1. *Glaphyrus rufipennis*, Gory. 2. *Amphicoma banchetiformis*, Fall. 3. Anatomical details of the *Amphicoma Lasseri*. 4. *Anthipna abdominalis*, Esch. 5. *Chasmodon hirtulus*, Hg. 6. *Pachyemmus crassipes*, Serv. 7. *Leptitix abbreviatus*, Serv. 8. *Monochelis gunneri*, Serv. 9. *Anisonyxa nasuta*, Wied.



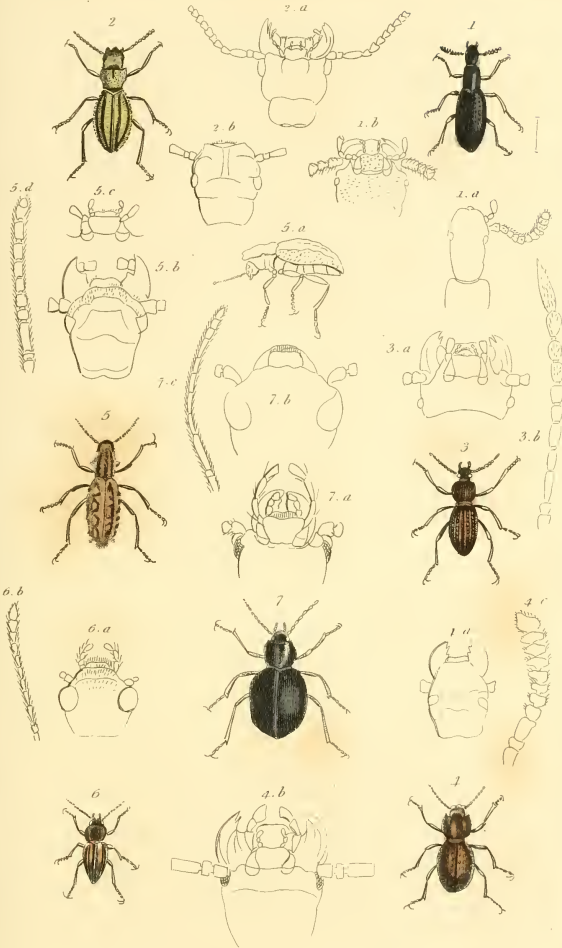
1. *Cremastocheilus hirtus*. Gory & Perch. menogr. 2. Anatomical details of the *Cremastocheilus elongatus*. Oliv. 3. *Trichius zebra*. Oliv. 4. Anatomical details of the *Trichius fuscicatus* E. 5. *Coliath micans*. G. & P. Oliv. 6. *Platygenia zairica*. Mack. Leay. 7. *Cetonia Basii*. G. & P. 8. Anatomical details of the *Cetonia aurata*. E. 9. *Gymnetis nervosa*. G & P. 10. *Macronota aggregata*. G & P.



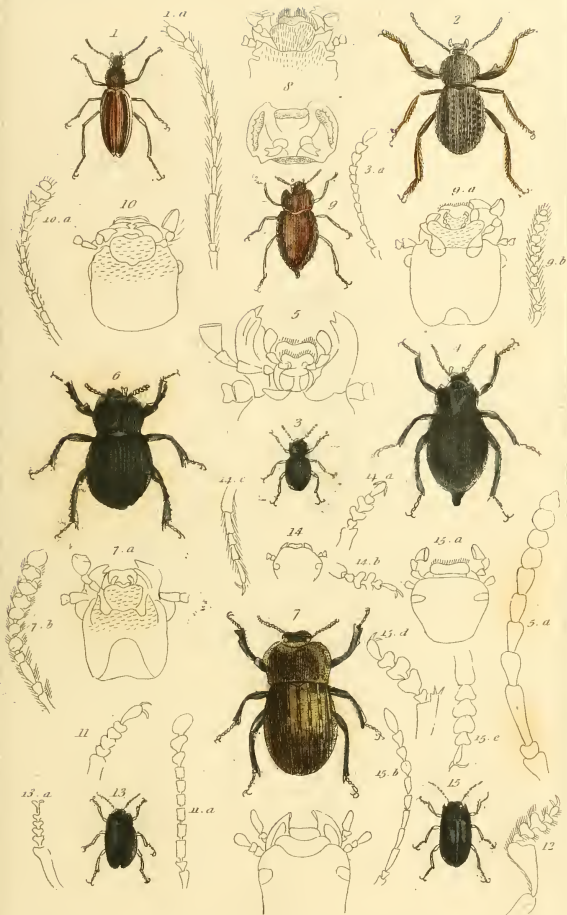
1. *Sinodendron cylindricum* L. Fab. 2. *Osalus scaraboides* Fab. 3. *Lucanus cinnamomeus* Guér.
 4. *Platycerus auriculatus* Gory. 5. *Lamprima avira* Latr. 6. *Phalidotus Humboldtii* Sch. 7. *Passalus pentaphyllus* Palis-Beauv. 8. Anatomical details of the *Passalus interruptus* Fab.



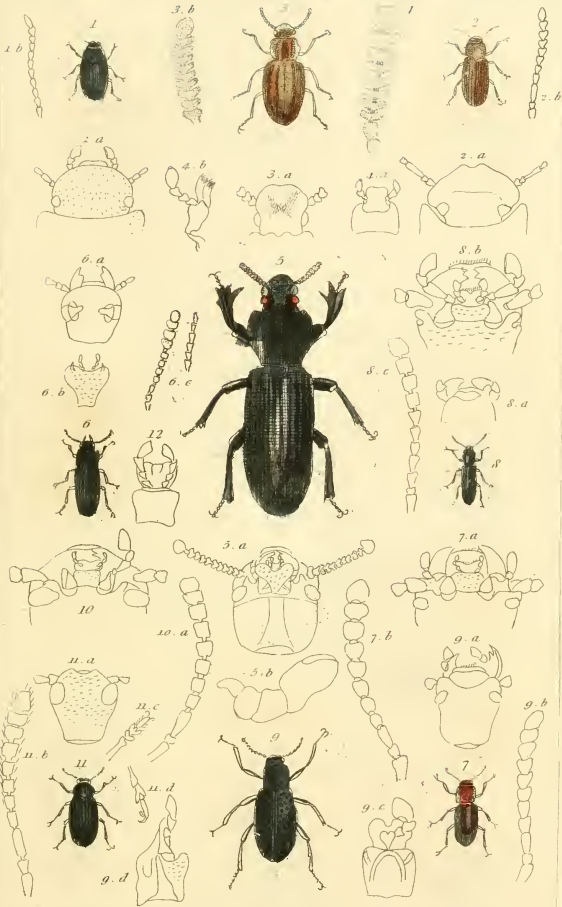
1. *Pimelia vestita*, Gory. 2. Anatomical details of the *Pimelia sericea*. 3. *Erodius gibbus*, Fabr. 4. *Zophosis testudinarius*, Oliv. 5. *Nyctelia Luczotii*, Chev. 5. c. d. Anatomical details of the *Nyctelia brunipes* Latr. 6. *Hegeter taylorioides*, Gory. 7. *Tentyria punctipennis* Lefebvre. 8. *Akis* Goryi. Gory. 9. *Elenophorus americanus* Lacord. 10. *Eurychora rugosula*, Gory. 11. Anatomical details of the *Eurychora ciliata*. 12. *Adelostoma rugosa*, Gory.



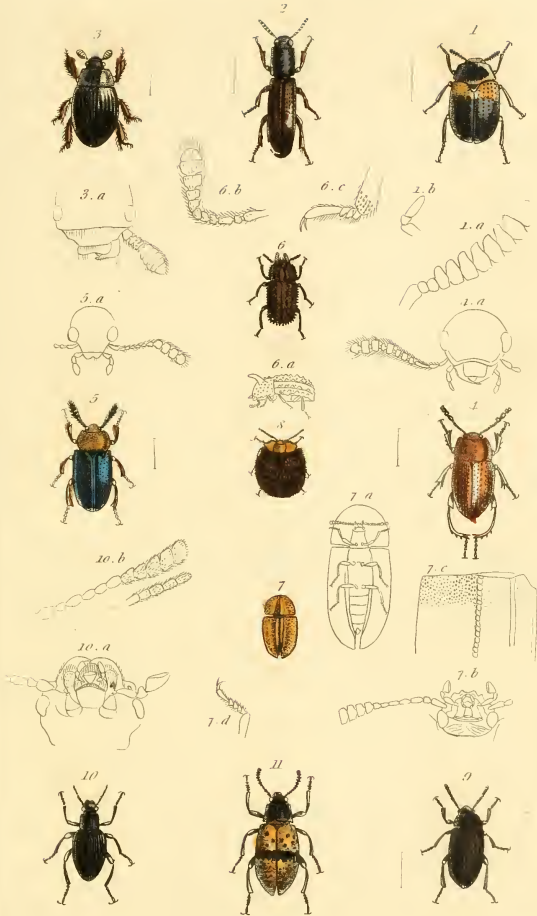
1 *Tagenia orientalis* Gory. 2 *Psaumeticus costatus* Guér. 3 *Scarus lugosus* Latr. 4
Scotobius granosus Lacord. 5 *Sepidium vestrum* Gory. 6 *Trachenotus vittatus* Latr.
 7. *Moluris luteipes* s. Guér.



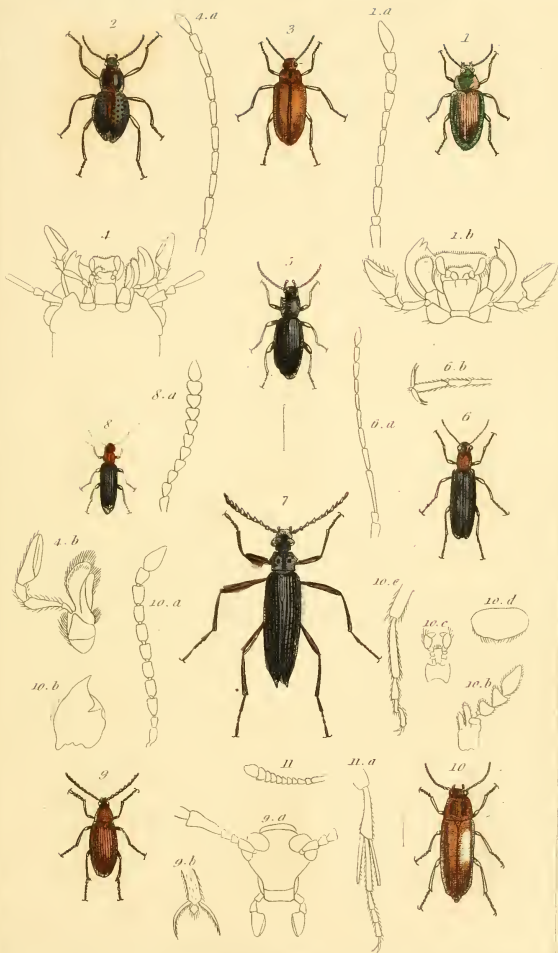
1. *Oxara setosa*. Kirby. 2. *Acanthomexa gracilla* Guér. Herbst. 3. *Misololampus Hoffmannsegni* Guér. 4. *Blaps nortisuga*. Fab. 5. Mouth & Antennae of the *Blaps sulcata*. Fab. 6. *Gonoquus tibialis*. Latr. 7. *Anomalipes dentipes*. Lat. Fab. 8. Corselet of the *Machla villosa*. Herbst. 9. *Scotinus brasiliensis* Gory. 10. Mouth & Antennae of the *Asyda levigata*. Fab. 11. Tarsus & Antennae of the *Opatrinus chla-tratus*. Dej. 12. Tarsus of the *Heliophibus hispanicus*. Dej. 13. *Pedinus gibbosus*. Gory. 14. Anatomical details of the *Blapstinus punctatus*. Sch. 15. *Platyseclis gages*. Fisch.



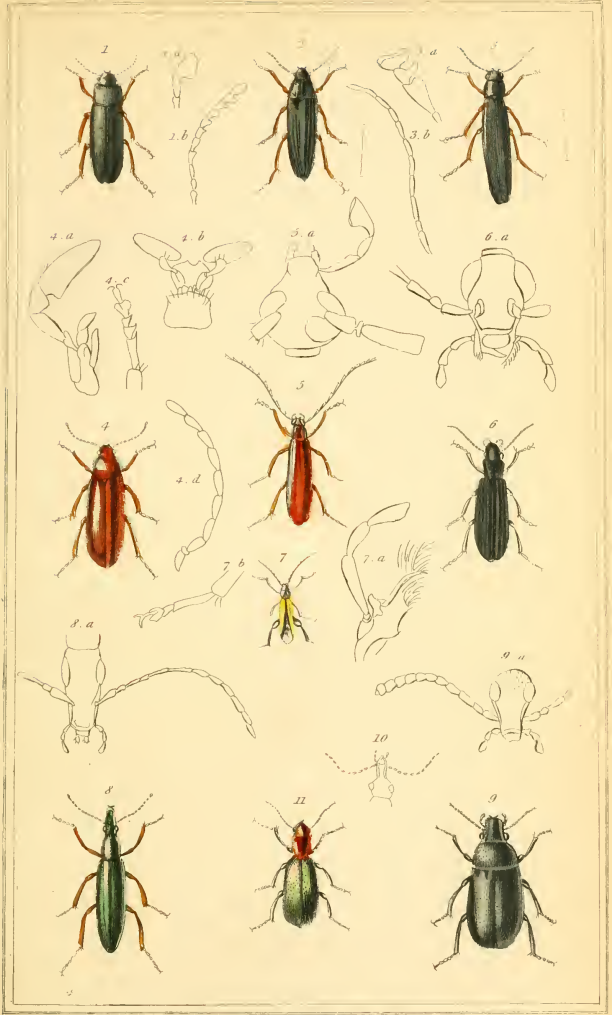
1. *Crypticus gibbulus*. Sch. 2. *Opatrum elongatum*. Guér. 3. *Corticus celtis* Germ. 4. Anatomical details of the *Orthocerus muticus*. Lat. 5. *Chiroseelis bifurcata*. Lam. 6. *Toxicum curvicoorne*. Chev. 7. *Borus thoracicus*. Eyl. 8. *Calcar elongatus*. Herbst. 9. *Epis centaloides*. Eab. 10. Anatomical details of the *Tenelrio mobilis*. Lin. 11. *Heterotarsus tenelrioides*. Guér. 12. *Tenelrio obscurus*. Eab.



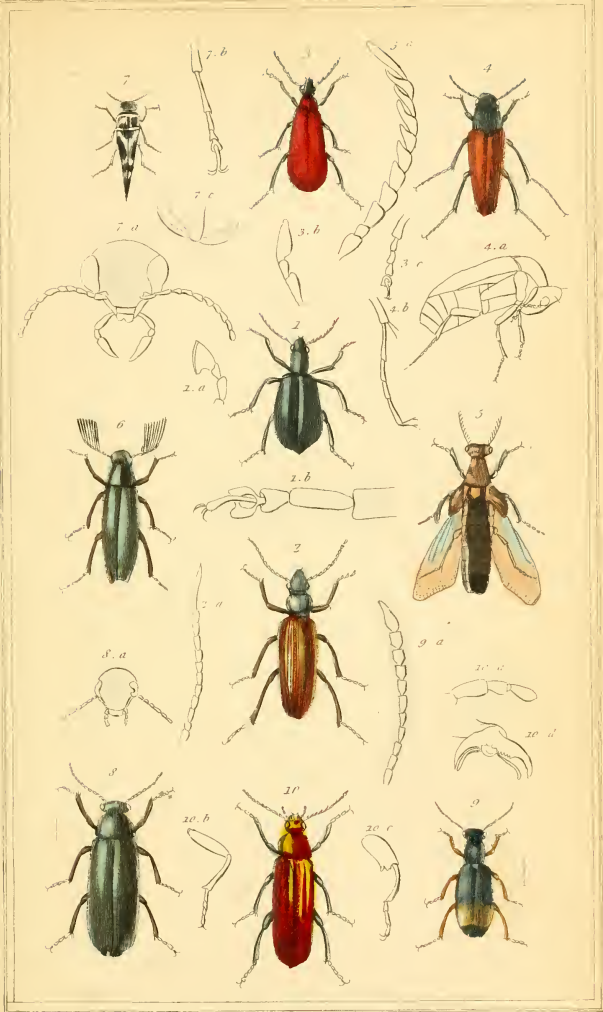
1. *Diaperis bipustulata*. Brul. Lap. 2. *Hyppophæus castoreus*. Fab. 3. *Trachyscehis aphidivorus*. Latr. 4. *Lezodes cinnamomea*. Bonz. 5. *Tetratoma jungerum*. Fab. 6. *Eledona cornuta*. Fab. 7. *Cossyphus moniliferus*. Chev. 8. *Niho lanatus*. Germ. 9. *Epitragus lineatus*. Chev. 10. *Cnodalon atrum*. Chev. 11. *Spheniscus pictus*. Chev.



1. *Amarygmus cuprinus*. Esch. 2. *Sphaerotus curvipes*. Kirby. 3. *Helops saturalis*. Germ. 4. *Anatomical details of the Helops lanipes*. F. 5. *Lagna pimelia*. E. 6. *Stenotracheus aneus*. Lat. 7. *Strongylina serraticorne*. Chev. 8. *Pitho depressus*. F. 9. *Cistela serrata*. Chev. 10. *Hallonemus lanicollis*. Lat. 11. *Anatomical details of the Orchesia micans*. Latr.



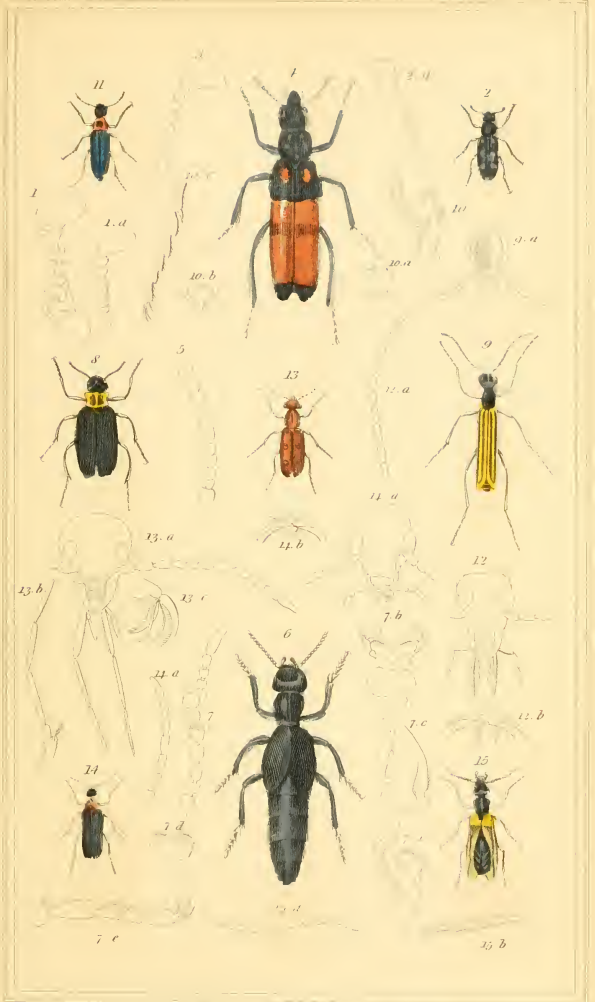
1. *Dicæa discolor*. Fab. 2. *Melandrya rufipes*. Chev. 3. *Serropalpus striatus*. Latr. 4. *Cenopalpus flavicollis*. Gyt. 5. *Calopus serraticornis*. F. 6. *Dytillus lavis* Fisch. 7. *Edometriæ podagrarie*. Fab. 8. *Stenostoma rostratum*. Charp. 9. *Mycterus pulverulentus* Chev. 10. Head of the *Rhinomacer atelaboides*. F. 11. *Rhinosimus ruficollis*. F.



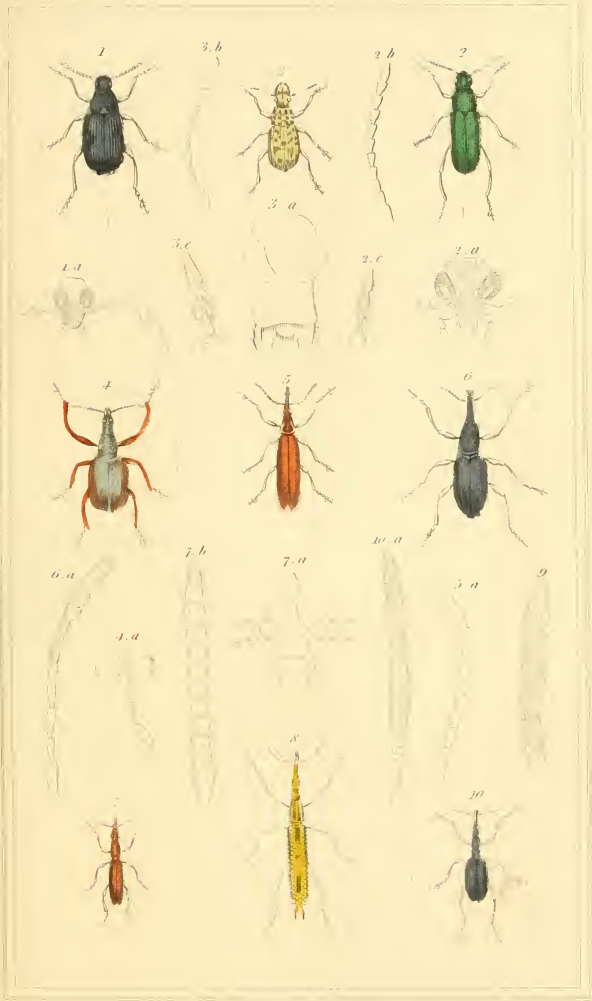
1. *Lagriagigas*. Guér. 2. *Statira caraboides*. Guér. 3. *Pyroclonus coccinea*. Fáb. 4. *Ripiphorus rufipennis*. Chev. 5. *Myodites americanus*. Guér. 6. *Pelocotoma Trivaldjskii*. Sturm.

7. *Mordella picta*. Chev. 8. *Seraptia dubia*. Oliv. 9. *Xotoxus fasciatus*. Chev.

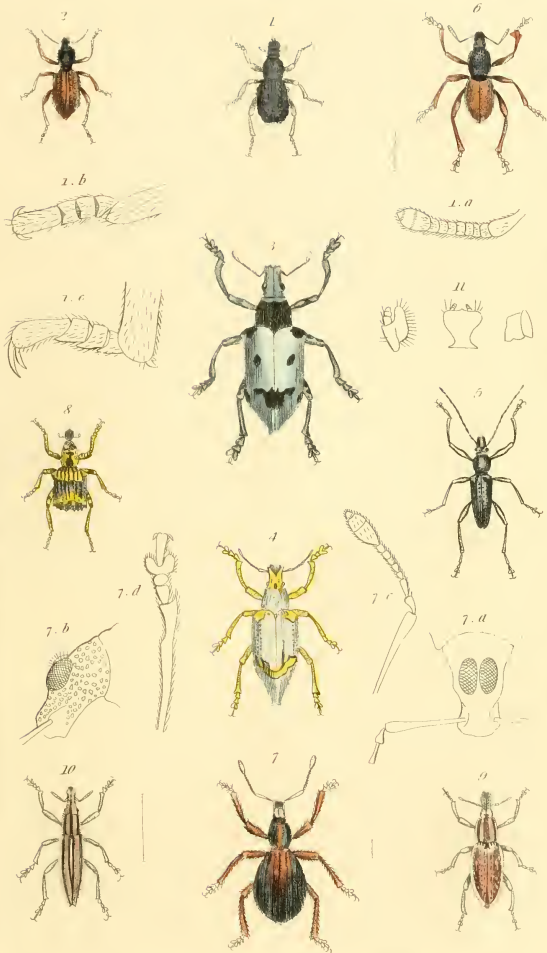
10. *Cissites testaceus*. Latr.



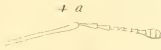
1. Antenna of the *Cerocoma Schaefferi* Lin. 2. *Hycleus 20 guttatus* Chev. 3. Antenna of the *Arctocoma 12 punctata* Chev. 4. *Melabris myops* Chev. 5. Antenna of the *Ceas offer* F. 6. *Meloe corollifera* Chev. 7. Anatomical details of the *Meloe brevicollis* Lin. 8. *Tetrasomus ventralis* Chev. 9. *Cantharis sulcifrons* Chev. 10. Anatomical details of the *Cantharis vesicatoria* H. 11. *Zonites puncticollis* Chev. 12. Anatomical details of the *Nemognathus chrysomelina* F. 13. *Leptopalpus chevrolati* Guér. 14. *Gnathium flavicollis* Chev. 15. *Sitaris humeralis* Fab.



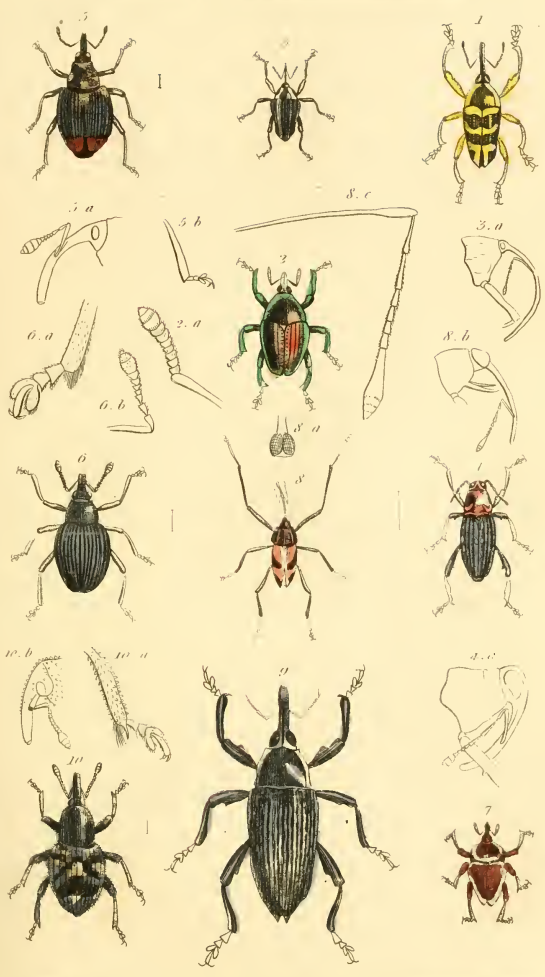
1. *Bruchus marginellus* Fabr. 2. *Bruchus gibberus* Esch. 3. *Anthraxus Carnotus* Germ. 4. *Atelabus fulvatus* Guer. 5. *Rhinotia hanoptera* Kirby. 6. *Eurhinus conicus* Guer. 7. *Brentus italicus* Lat. 8. *Coecephalus fuscicollis* Sch. 9. Antenna of the *Ulocerus cinereus* Lat. 10. *Cylis longicollis* Chev.



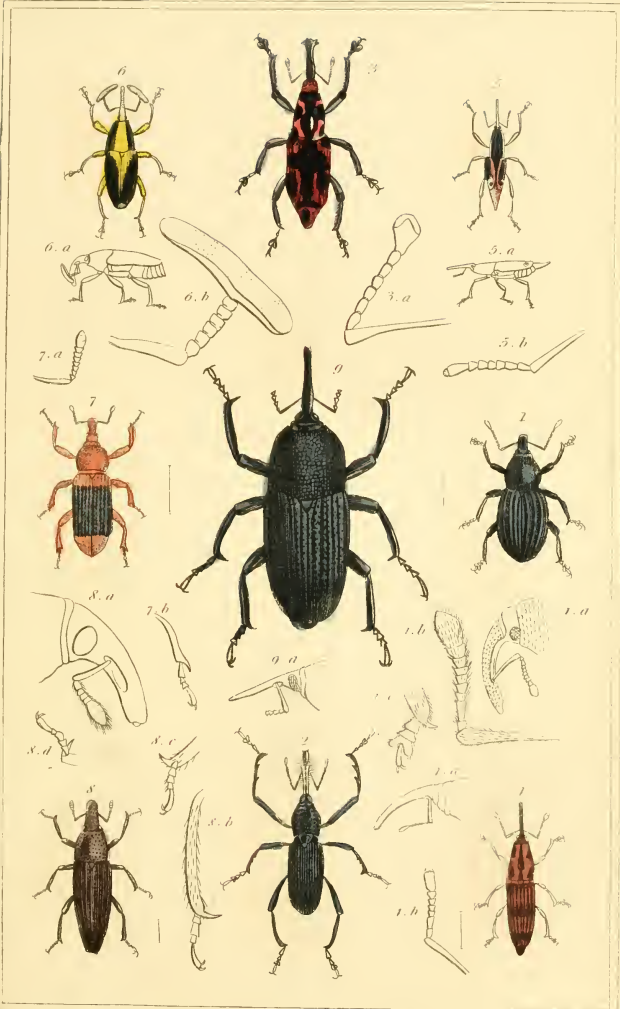
1. *Brachycerus ocellatus*, Chev. 2. *Cyclonius coronatus*, Sch. 3. *Cyphus illustris*, Chev. 4. *Cyphus dives* ? Allg. 5. *Leptocerus macilentus*, Chev. 6. *Pachyrhynchus profanus*, Esch. 7. *Sezygus cyclops*, Sch. 8. *Rhytirhinus infornis*, Chev. 9. *Cleonus guttatus*, Chev. 10. *Lixus vittiger*, Godef. 11. Mouth of the *Chlorophanus viridis*, Sch.



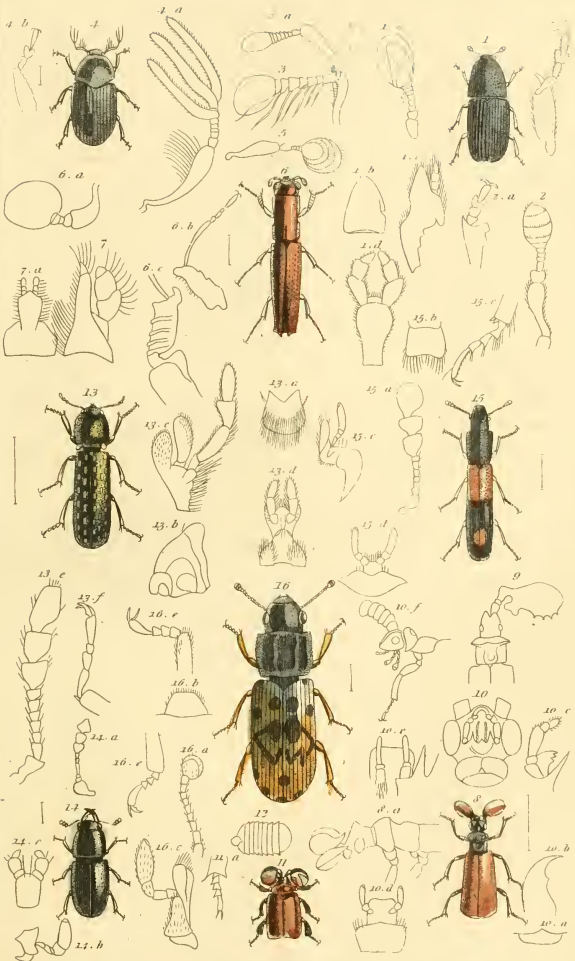
1 *Limosaccaus chevrolati* Guér. 2 *Bagous binodosus* Gyll. 3 *Brachonyx indigena* Gyll. 4 *Balaninus nucum* Lin. 5 *Helipus populi* Sch. 6 *Alcides preustus* Guér. 7 *Myrtilinus albocinctus*. 8 *Gomys pulverosus* Parry. 9 *Tachygomys horridus* Chev.



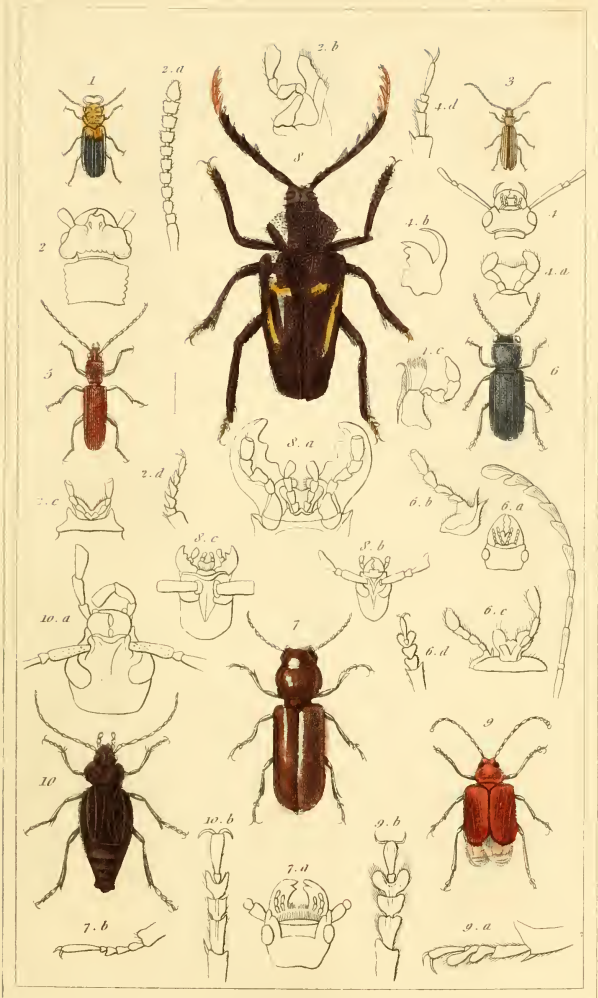
1. *Cholus flavo-fasciatus*. Chev. 2. *Camptorhynchus flattarius*. Germ. 3. *Centrius curvirostris*. Chev. 4. *Zygodis rubricollis*. Chev. 5. *Camptorhynchus sii*. Chev. 6. *Hydatiscus comarii*. Sch. 7. *Dorymerus altus*. Germ. 8. *Mecopus trilineatus*. Guer. 9. *Gorgus hispinosus*. Chev. 10. *Tyloides ptinioides*. Gyl.



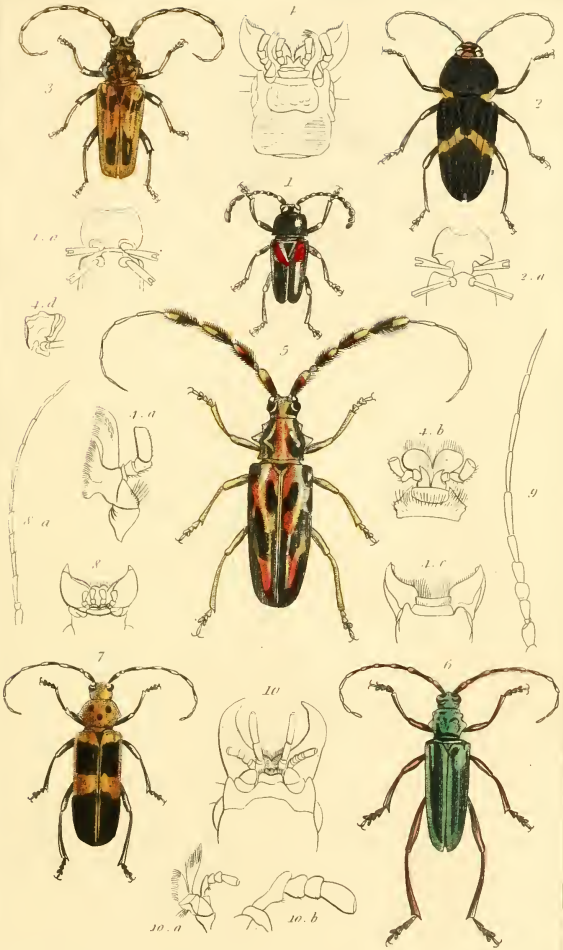
1 *Anchonus suillus*, Fab. 2. *Rhina barbivestris*, Fab. 3. *Calandra Guerinii*, Chev. 4. *Calandrea nitense*, Guér. 5. *Belorhynchus acutus*, Guér. 6. *Cercidocerus nigrolateralis*, Guér. 7. *Cossonus ephippiger*, Guér. 8. *Dryophytorus lyncivilon*, Fabr. 9. *Trigonotarsus calandroides*, Guér.



1. *Scolytus flavicornis*. Chev. 2. Antenna of the *Hyburus pumpeida*. 3. Antenna of the *Campptocerus areipennis*. (1). 4. *Phloiotribus clea*. Lat. 5. Antenna of the *Tomicus hispinus* Moq. 6. *Platypus Boyei* Guér. 7. Mouth of the *Platypus cylindrus*. Fab. 8. *Pausus curvicornis*. Chev. 9. *Pausus microcephalus*. 10. Anatomical details of the *Pausus microcephalus*. & *Pausus pentaplatarthrus*. L. *Platyrhopalus Melli*. West. 12. Antenna of the *Cerapterus latipes*. West. 13. *Bostriclus Dufourii*. Lat. 14. *Cis inaequidens*. Chev. 15. *Nemosoma elongatum*. L. 16. *Synchita undata*. Guér. (Paris)

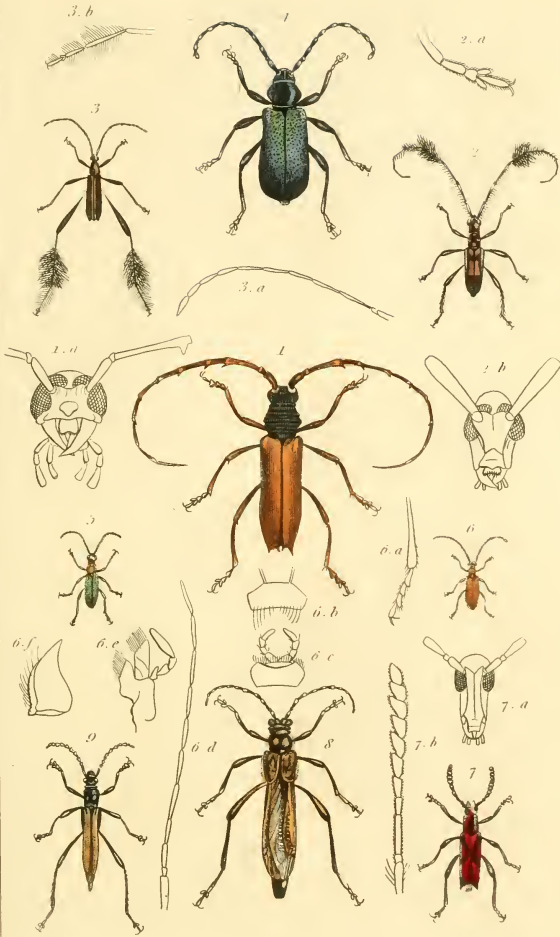


1. *Cucujus mandibularis*. Gory. 2. Anatomical details of the *Cucujus depressus*. Fab. 3. *Brontes spinicollis*. Gory. 4. Anatomical details of the *Brontes flavipes*. Fab. 5. *Dendrophagus crenatus*. Payk. 6. *Spondylus luprestroides*. Fab. 7. *Parandra lineola*. Gory. 8. *Prionus* *Desmartei* Guér. 9. *Anacolus sanguineus*. Serv. 10. *Prionapterus staphilinus*. Guér.

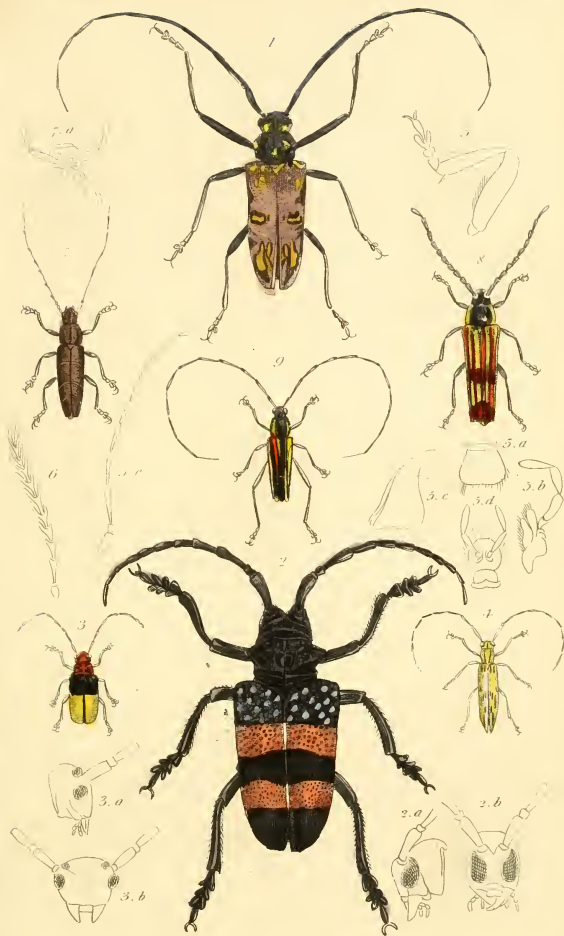


1. *Lissonotus unifasciatus*. Gory. 2. *Megalerus stigma*. Fab. 3. *Tachyletes nigrofasciatus*. Gory. 4. Anatomical details of the *Trachyletes succinctus*. Fab. 5. *Lophanocerus barbicornis*. Oliv. 6. *Callichroma spectrosa*. Gory. 7. *Acanthopterus tripunctatus*. Gory. 8. Anatomical details of the *Acanthopterus budensis*. Gory. 9. Antenna of the *Cerambyx heros*. Fab. 10. Anatomical details of the *Cerambyx callichroma hemipterus*. Oliv.

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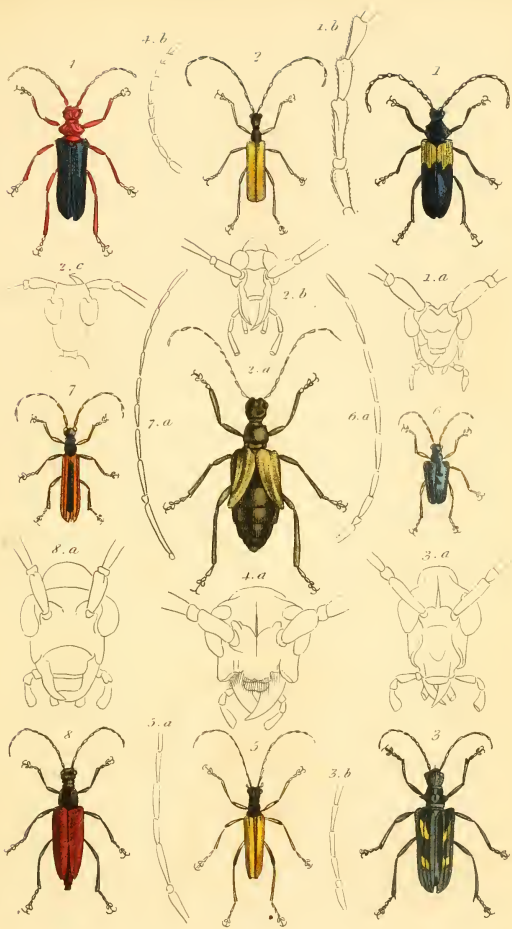


1. *Cerambyx rugipennis* Gory. 2. *Cerambyx speculifer* Gory. 3. *Cerambyx hirtipes* Oliv. 4. *Calhlima insubricum* Ziegler. 5. *Certallum rapicolle* Esb. 6. *Obciana ferrugineata* Esb. 7. *Rhinotragus coccineus* Gory. 8. *Neydalis major* Lin. 9. *Stenopterus elegans* Klug.

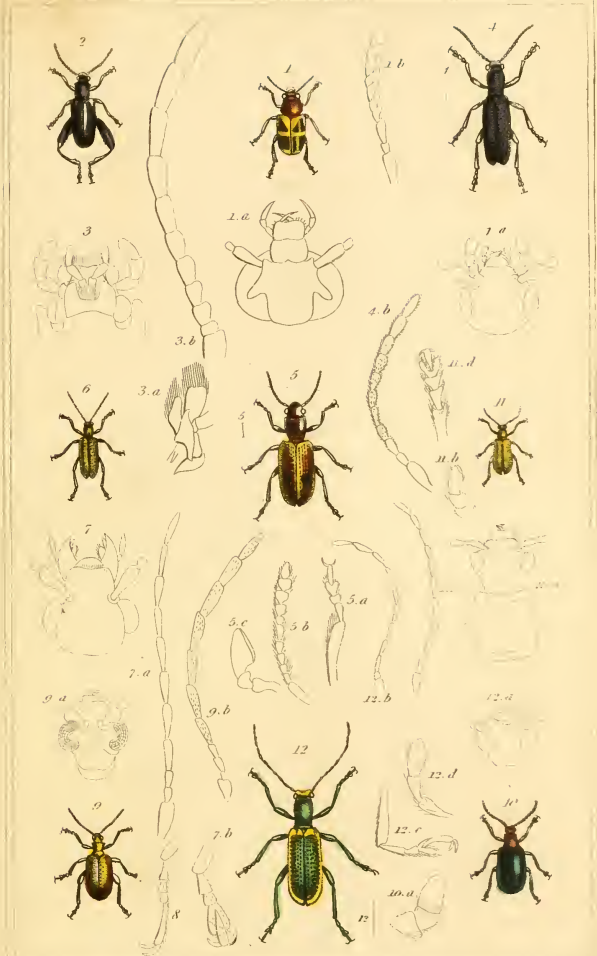


1. *Acrocinus trochlearis*, Gory. 2. *Lamia aurocymeta*, Gory. 3. *Tetraopes dimidiata*, Gory. 4. *Saperda albicans*, Guér. 5. Anatomical details of the *Saperda atkinsoni*, Guér. 6. Antennae of the *Distichocera maculicollis* Kirby. 7. *Thysisterius brunulatus*, Guér. 8. *Tragocerus bidentatus*, Donov. 9. *Leptocera bilineata*, Gory.

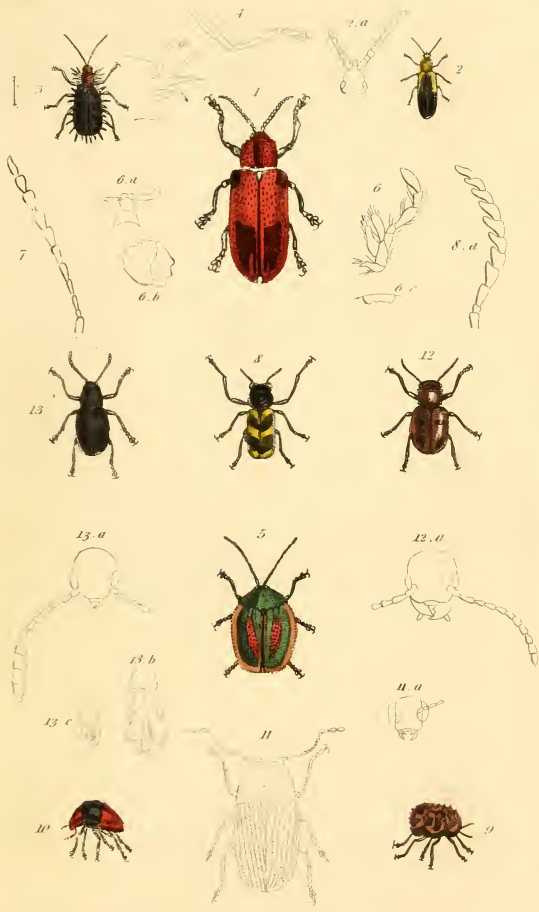
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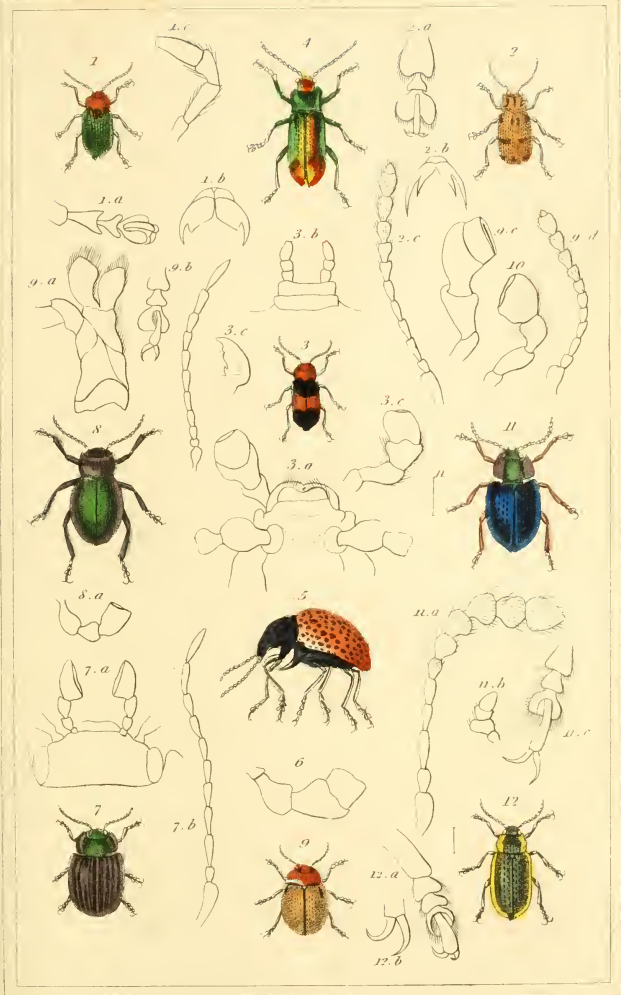
1. *Desmocerus cyaneus*. Fab. 2. *Vesperus grævus*. Guér. 3. *Rhagiium bifasciatum*. Fab. 4. *Rhamnusium salicis*. Fab. 5. *Toxotus meridianus*. Fab. 6. *Pachyta Laportii*. Guér. 7. *Stenoderus ceramboides*. Lichy. 8. *Leptura annulata*. Gory.



1. *Megalopus confasciatus* Gory. 2. *Soagra cyanea* Daln. 3. Anatomical details of the *Soagra splendens* F. 4. *Orsoidea violacea* Chev. 5. *Psammarchus bipunctatus* F. Leach. 6. *Donacia foveola* Gyll. 7. Anatomical details of the *Donacia sagittaria* F. 8. Hinder Tarsus of the *Hemania zosteræ* Gyll. 9. *Petaurus testaceipes* Oliv. 10. *Crioceris Dorycus* Guér. 11. *Anthonia betulae* F. 12. *Meganeches praxinos* Chev.



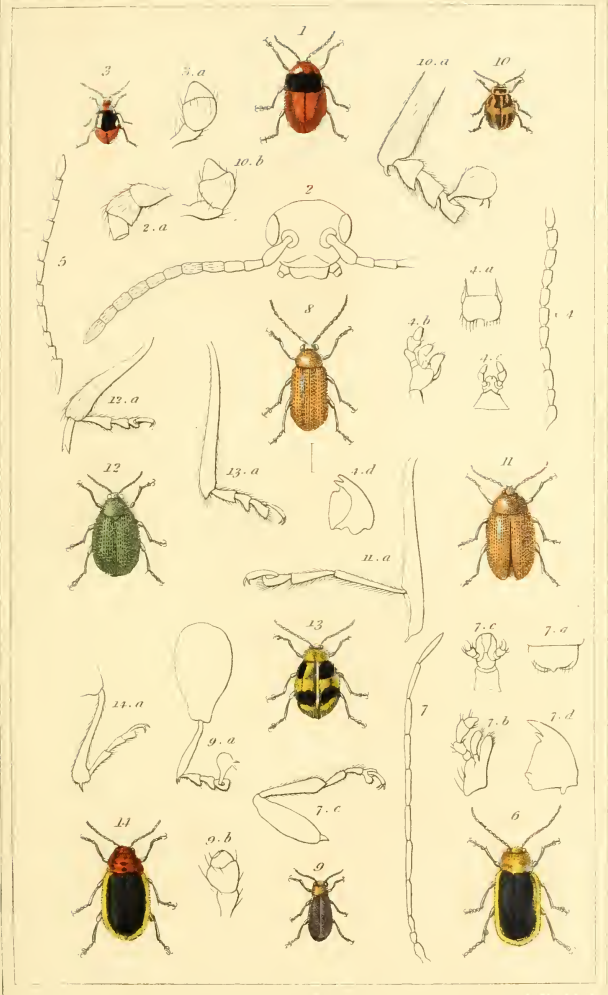
1. *Alurnus corallinus*, Vesper. 2. *Oxycephala cornigera*, Guér. 3. *Hispia* Fabricii, Guér. 4. Anatomy of the foot of the *Chalcopus spinipes*, Fabr. 5. *Cassida* (*Cyclosetoma*, Chev.) *longicornis*, Fabr. 6. Anatomical details of the *Cassida discors*, Fabr. 7. Antenna of the *Cryptoccephalus speciosus*, Guér. Voy. Duperrey. 8. *Tytthira* Parcheron, Gory. 9. *Chilomya nigra*, Hilg. 10. *Lamprosumma curvata*, Gory. 11. *Chovagnus sheppardi*, Kirby, and *pygmaeus* Robert. Mag. Zool. N.J.K. 6. 12. *Euryope* 4 *maculata*, Oliv. 13. *Eumolpus cyaneus*, Fabr.



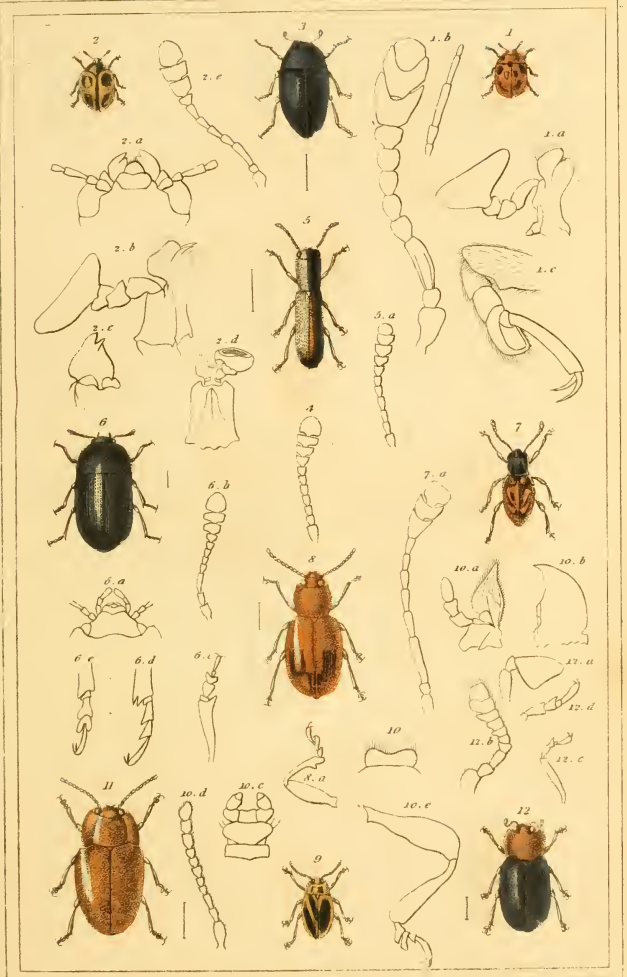
1. *Colaspis illustris*. Chev. 2. *Podontia affinis*. Germ. 3. *Phyllocharis bicincta*. Guér. 4. *Phyllocharis splendens*. Guér. 5. *Doryphora multipunctata*. Chev. 6. *Falpa* of the *Doryphora adunca*. Chev. 7. *Parapsis s. lineata*. Gory. 8. *Timarcha balearica* Gory. 9. *Chrysomela humeralis*. Gory. 10. *Falpa* of the *Chrysomela sanguinolenta* L. 11. *Phaedon cyanopterus*. Guér.

12. *Prasocuris hanoveriana*. Fabr.

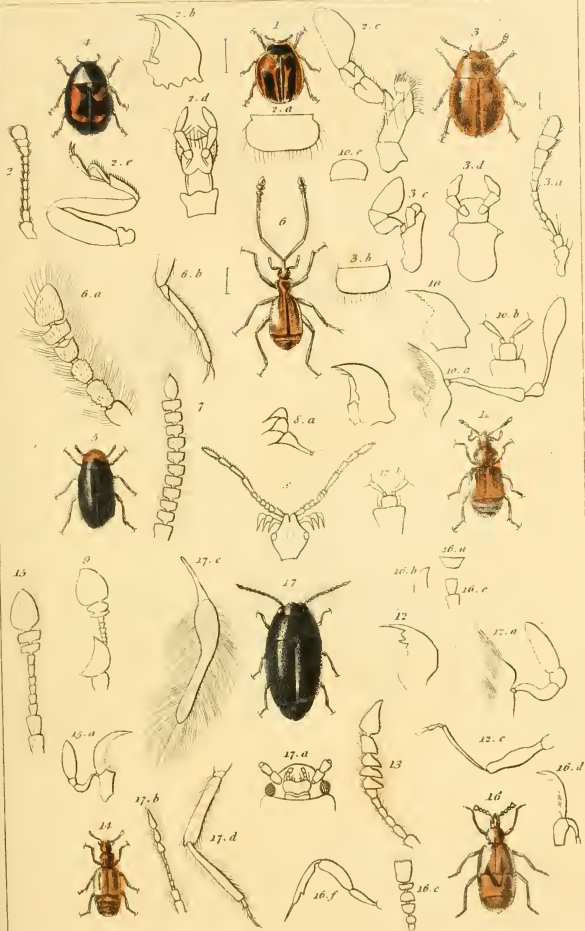




1. *Adorium basale*, Guér. 2. Anatomical details of the *Adorium bipunctatum*, Chev. 3. *Galeruca dimidiata*, Guér. 4. Anatomical details of the *Galeruca viburni* Payk. 5. Antenna of the *Galeruca maculata*, L. 6. *Luperus cinctellus*, Chev. 7. Anatomical details of the *Luperus brassicae*, Emz. 8. *Octogonotus lineatus*, Chev. 9. *Octogonotus thoracicus*, Bosc. 10. *Oedionychis figuratus*, Chev. 11. *Psylloides Anglica*, Chev. 12. *Dibolia borealis*, Chev. 13. *Altica chevrolatii*, Guér.

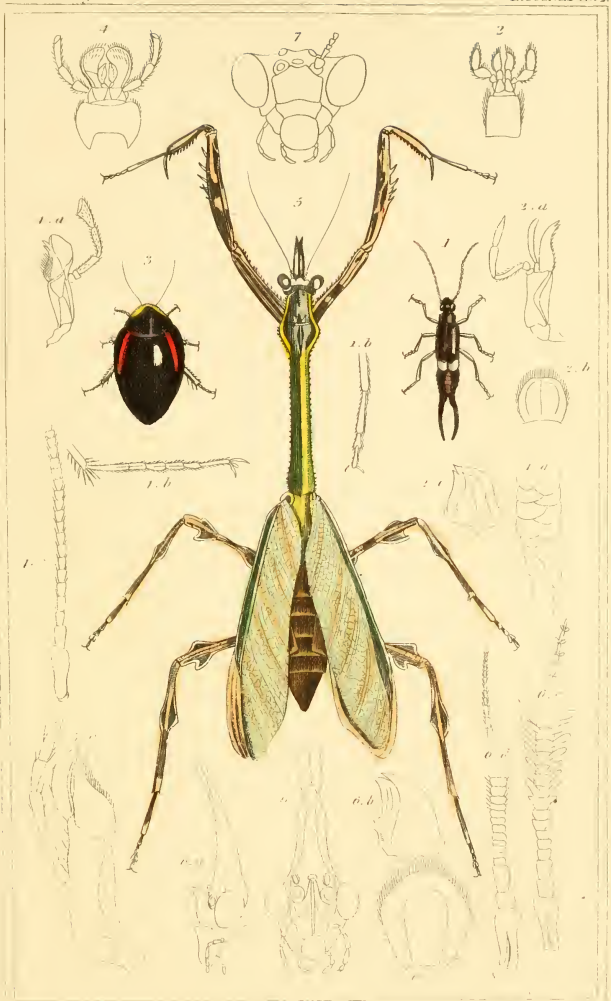


1. *Erotylus bengalensis*. Guér. 2. *Argythus surinamensis* Fabr. 3. *Triplax brunneipes*. Chev. 4. Antenna of the *Triplax nigripennis*. Fabr. 5. *Languria africana*. Chev. 6. *Phalacrus granulatus*. Guér. 7. *Femorplus humatus*. Guér. 8. *Dapsa triangulata*. Megerle. 9. *Endougechus tibialis*. Chev. 10. Anatomical details of the *Lycoperdina boxiste* Fabr. 11. *Lycoperdina lata* Chev. 12. *Lathophilus ruficollis*. Dahl

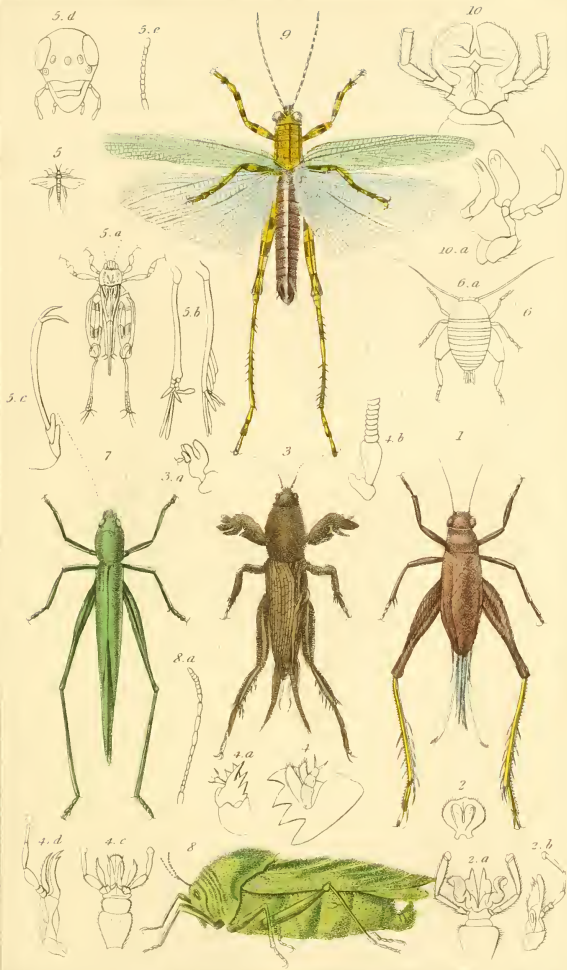


1. *Coccinella fusca* Linn. 2. Anatomical details of the *Coccinella punctata* Linn. 3. *Coccinella septempunctata* Linn. 4. *Seymouria septempunctata* Illig. 5. *Clypeaster pusillus* Gyll. 6. *Metopius curculionoides* Gyll. 7. *Chenitium*. 8. *Dianix*. 9. *Pythium*. 10. *Psolophus heisei* Herbst. 11. *Bryaxis lefrayrii* Aube. 12. *Bryaxis longicornis* Lach. 13. *Bryaxis antennata* Aube. 14. *Euplectes kirchii* Deany. 15. Anatomical details of the *Euplectes minus* Kirch. 16. *Claviger foveolatus* Mull. 17. *Ptilium fusculum* Herbst.

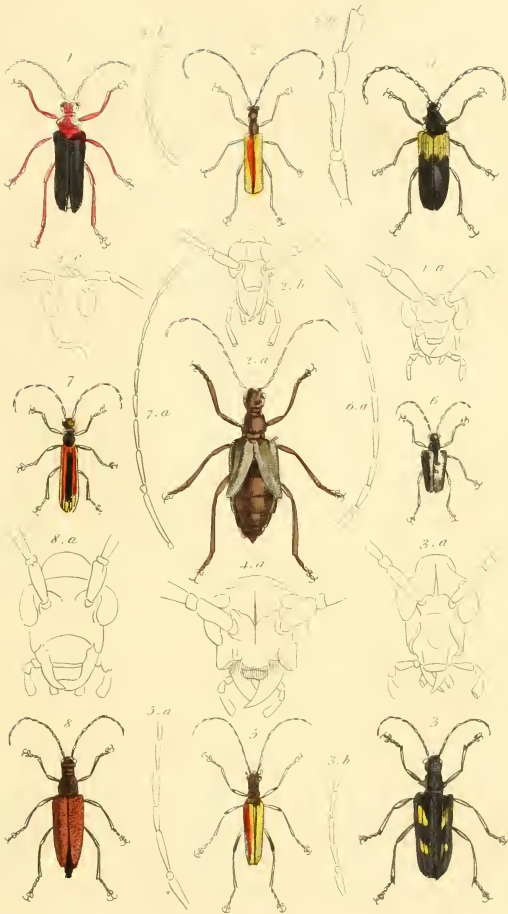




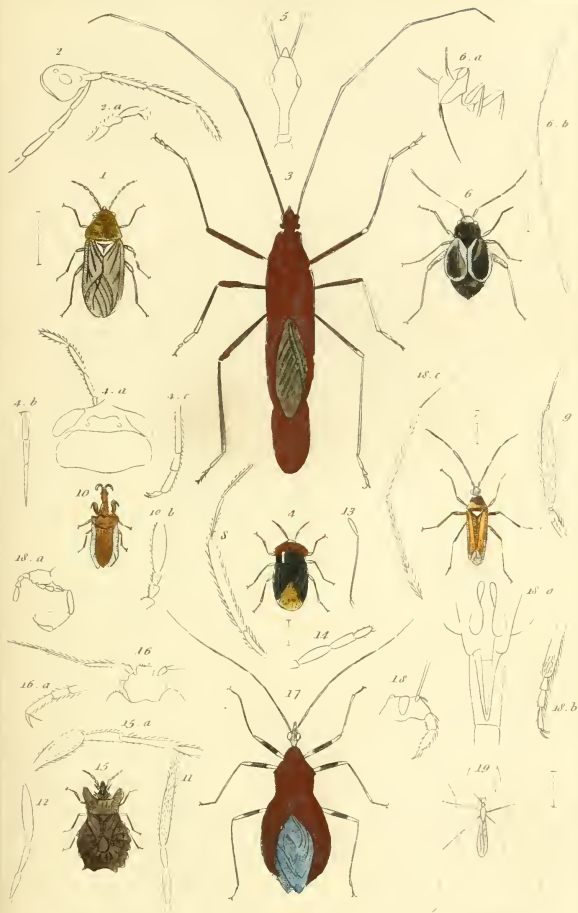
1. *Ferula* 2. *Blattella germanica* 3. *Blattella germanica* 4. *Blattella germanica* 5. *Empusa* 6. *Empusa* 7. *Empusa* 8. *Empusa*



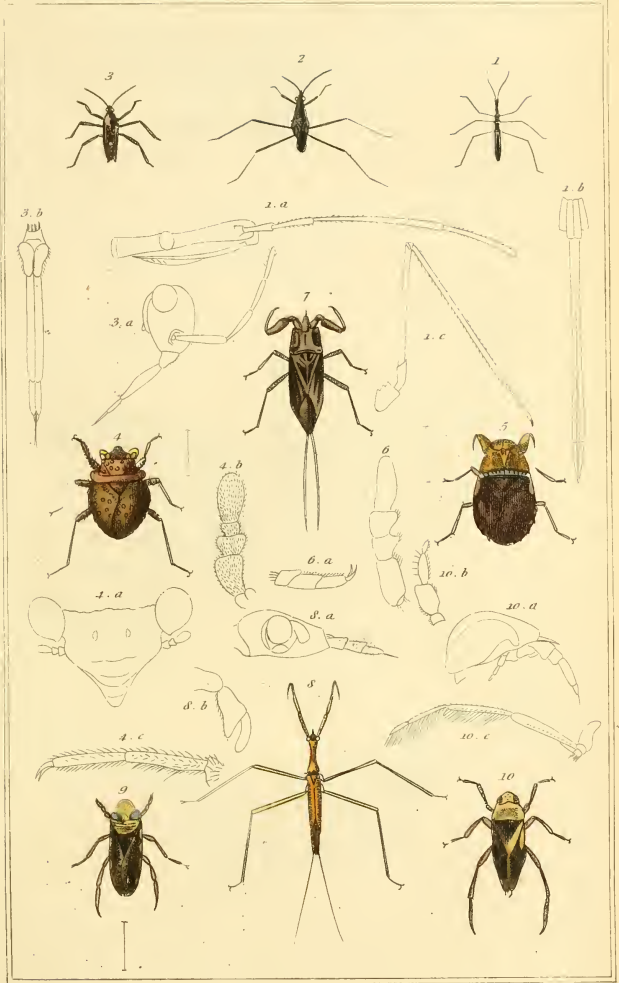
1 *Gryllus campestris* Linn. 2 Anatomical details of the *Gryllus campestris* Fab. 3 *Gryllotalpa didactylus* Latr. 4 Anatomical details of the *Gryllotalpa vulgaris* 5 *Tridactylus fasciatus* Perch. 6 *Mernacophila acerorum* Roeser 7 *Locusta erythrosoma* Encyclopediæ. 8 *Pneumora imanis* Fab. 9 *Acrydium tarsatum* Serv. 10 Anatomical details of the *Acrydium nigroparvum*



1. *Desmocerus cyaneus* Fab. 2. *Vesperus griseus*, Guér. 3. *Rhagiium bifuscatum* Fab. 4. *Rhamnusium salicis* Fab. 5. *Toxotus meridianus* Fab. 6. *Pachyta Laportii*, Guér. 7. *Stenoderus cerambyoides* Kirby. 8. *Leptura annulata*, Goy.

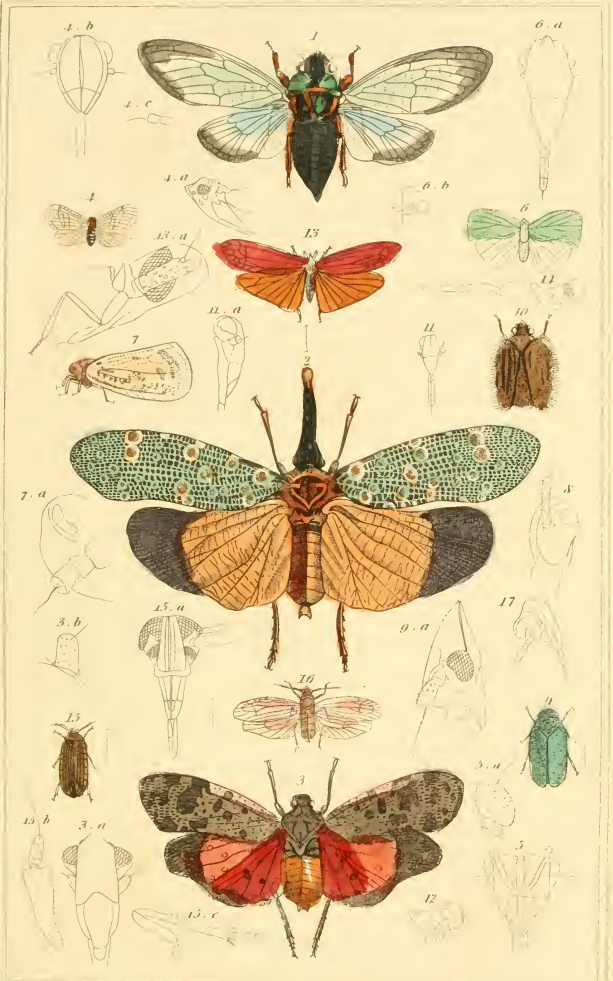


1. *Lygaeus Poyi* Guér. 2. Anatomical details of the *Lygaeus apterus* L. 3. *Macrochevria grandis* Gray. 4. *Salda erythrocephala* Serv. 5. Head of the *Mydocha tipuloides* Lat. 6. *Astenura mercurialis* Guér. 7. *Myris pulchellus* Guér. 8. Antenna of the *Capsus flavicollis* Fab. 9. Antenna of the *Heterospisicornis* Lat. 10. *Maciocephalus affinis* Guér. 11. Antenna of the *Ph. crassipes* F. 12. Antenna of the *Ph. rufosa* F. 13. Antenna of the *Tingis pyri* E. 14. Antenna of the *Aradus corticalis* F. 15. *Aradus lunatus* F. 16. Anatomical details of the *Cimex lectularius* L. 17. *Redovius anarius* Guér. 18. *Redovius personatus* L. 19. *Ploraria pallida* Guér.

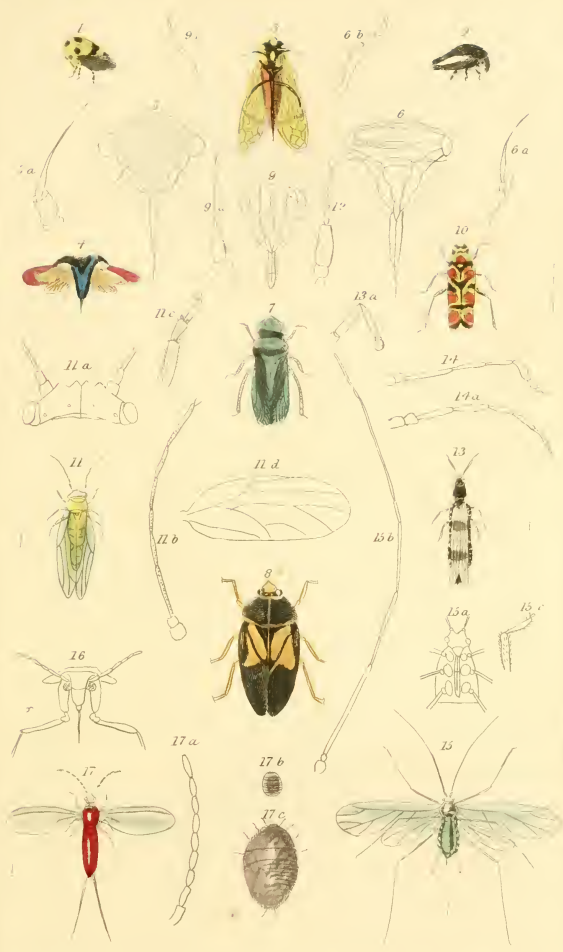


1. *Hydrometra stagnorum*. Lin. 2. *Gerris marginatus*. Guér. 3. *Velia rivulorum*. Fabr. 4. *Galgalus flavus*. Guér. 5. *Naucoris Poeyi*. Guér. 6. Antenna of the *Spherozodema rotundata* Lap. 7. *Nepa grisea*. Guér. 8. *Banatra filiformis*. Fabr. 9. *Corixa cuba*. Guér. 10. *Notonecta furcata*. Fab.

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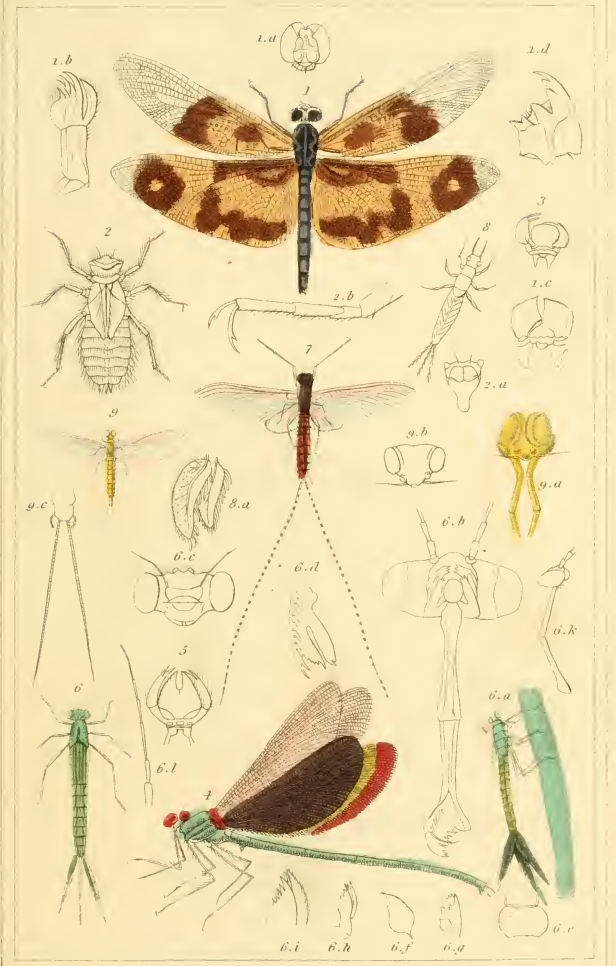


1 Cicada Diardi Guér. 2. Fulgora lathburii Kirby. 3. Apharna variegata. Guérin. 4 Cixius pellucidus. Guér. 5. Head of the Lystra lanata F. 6. Ricania marginella. Guér. 7. Psiloptera maculata. Guér. 8. Head of the Flata floccosa. Guér. 9. Tritigometra virescens. Lat. 10. Issus pectinipennis Guér. 11. Head of the Issus coleoptratus. F. 12. Head of the Otioverus Copeherbertii. Kirby. 13. Anotia corvina. Guér. 14. Head of the Derbe pallida Fab. 15. Asiraca clavicornis Fab. 16. Ugnops Pecheroni. Guér. 17. Head of the Delphax minuta. F.



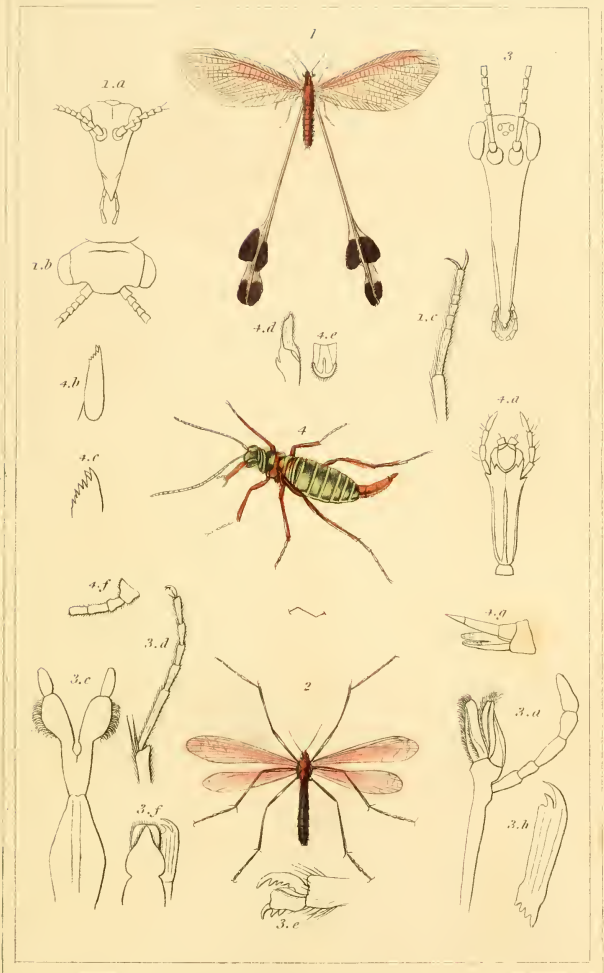
1. *Membracis mexicana*, Guér. 2. *Darnis affinis* Guér. 3. *Bacidium proximum*, Guér. 4. *Centrotus anchorage*, Guér. 5. Anatomical details of the *Cent. cornutus* F. 6. Anatomical details of the *Aethalon reticulatum*, Lat. 7. *Ledra aurata*, F. 8. *Cercopis Urvillet*, Serr. 9. Anatomical details of the *Cent. sanguinolenta*, Panz. 10. *Tettigonia pulchella*, Guér. 11. *Psilla genistae* Guér. 12. Antennæ of the *Livia*. 13. *Thrips fasciata* F. 14. Antenna of the *Thy. ulmi*, F. 15. *Aphidius rosea*, F. 16. Head of the *Aleiodes*. 17. *Coccus cacti*, L.

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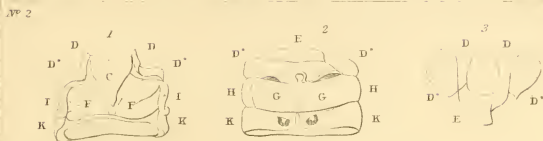
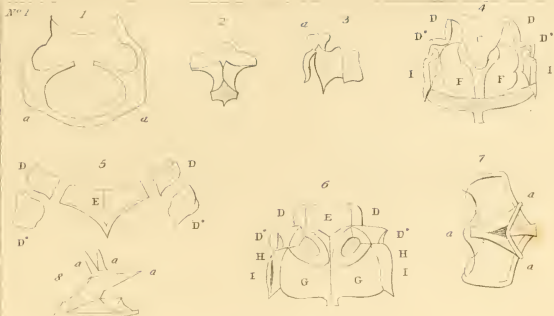


1. *Libellula indica*. Fabr. 2. Nymph of the *Libellula depressa*. Lin. 3. Minder claws of the *Eshme* of Egypt. 4. *Agriion chinensis* Guer. Fab. 5. Minder claws of the *Agriion virgo*. Fab. 6. Nympha and Anatomical details of the *Agriion puella*. Lin. 7. *Ephemera limbata*. Serv. 8. Larva of the *Ephemera vulgata*. Lin. 9. *Ephemera bioculata*. Fabr.

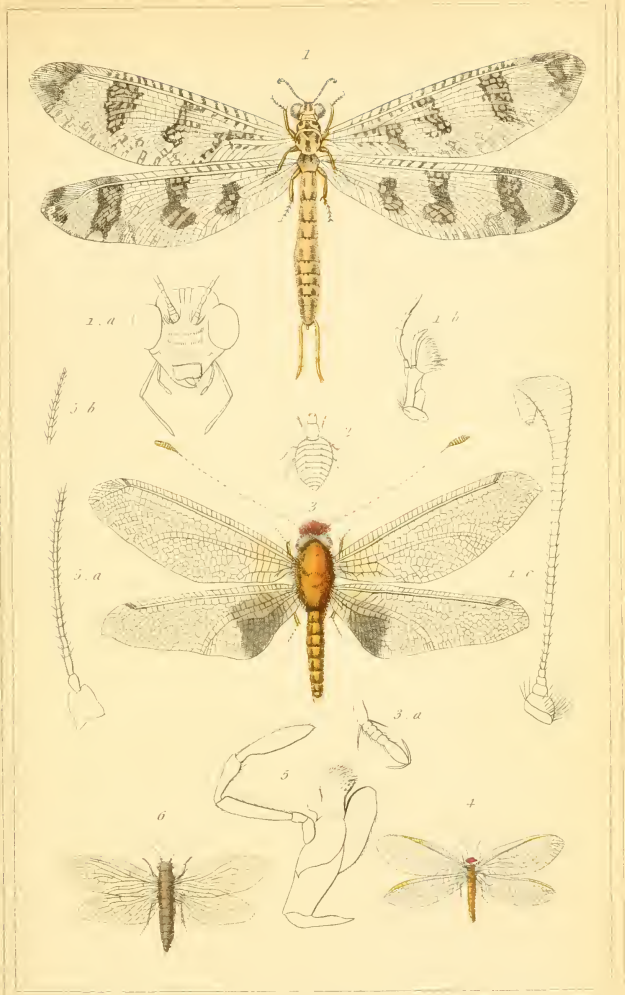




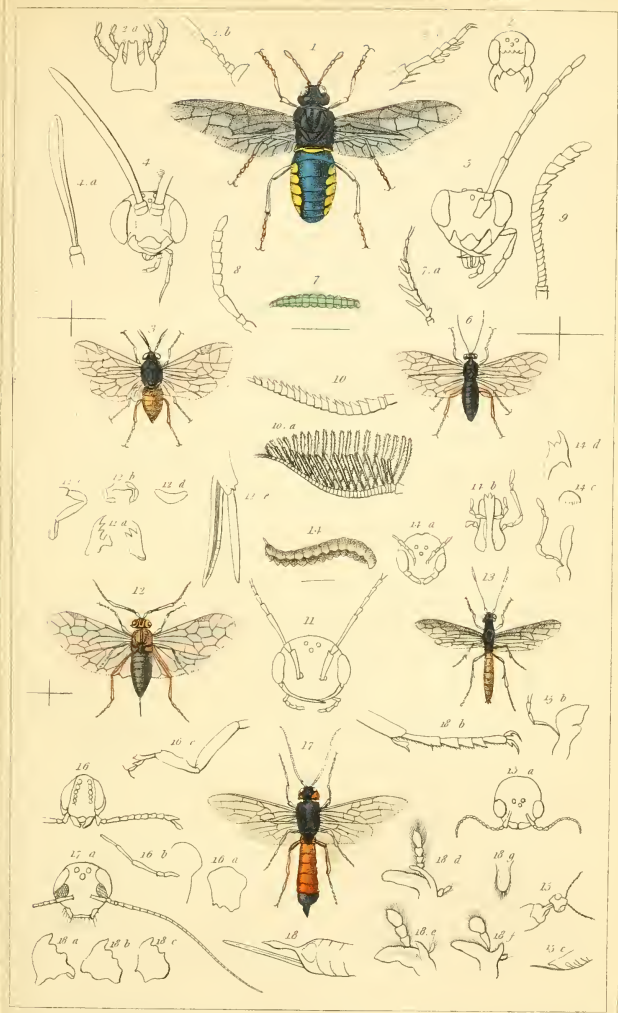
1. *Nemoptera extensa*. Oliv. (halterata Eib.) 2. *Bitiacus tipularius*. Latr.
 3. Anatomical details of the *Panorpa communis*. Lin. 4. *Boreus hiemalis*. Lin.



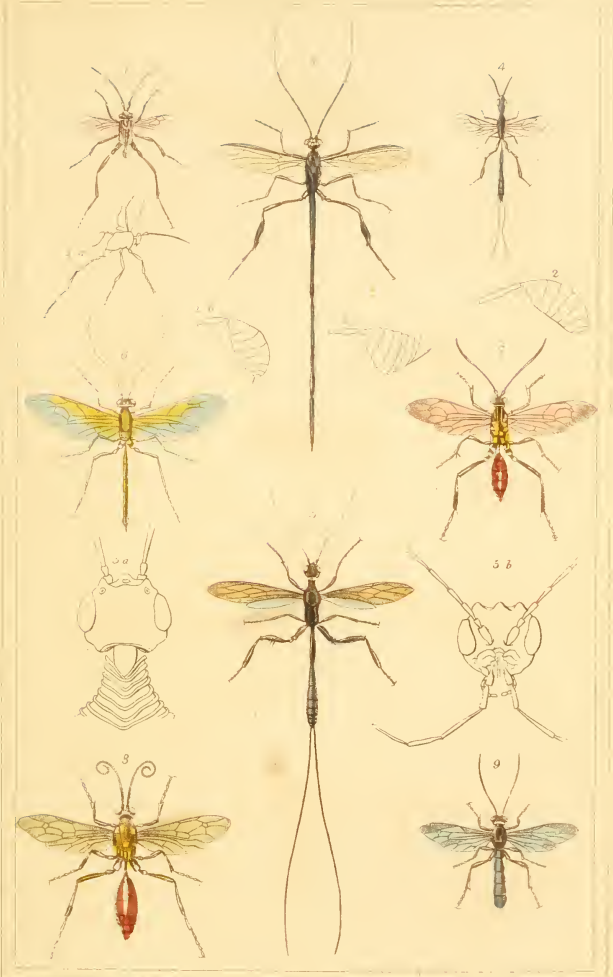
Organs of Motion in Insects.



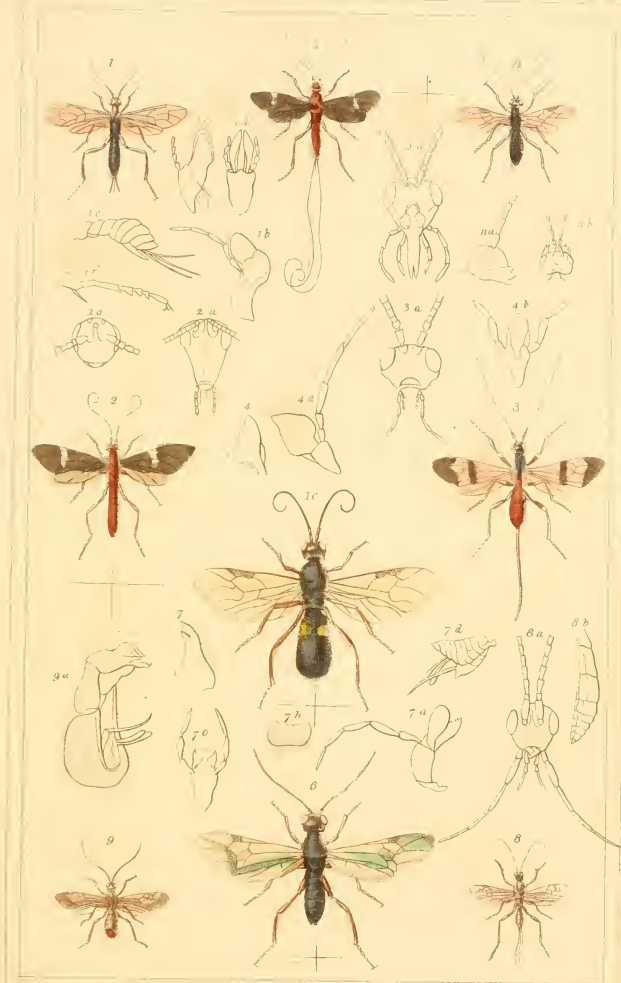
1. *Myrmelco Percheronii*, Guér. 2. Larva of the *Myrmelco formicarius*, L. 3. *Ascalaphus Pictetianus*, Guér. 4. *Hemerobius capitatus*, Fabr. 5. Anatomy of the *Hemerobius* of Egypt. 6. *Stalix lativius*, Latr.



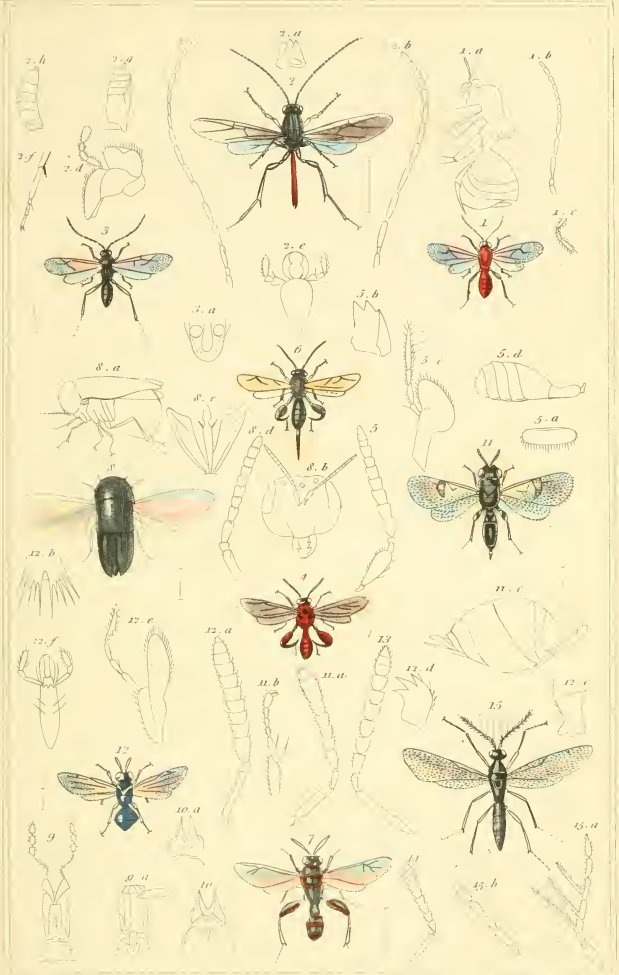
1. *Cimbex lateralis*. Guér. 2. Anatomy of the Perga. 3. *Schizocera furcata*. Fab. 4. Anatomy of the Hybot. 5. Anatomy of the Tentredo. 6. *Cladius pullipes*. Lep. 7. Anatomy of the *Cladius difformis*. 8. Anatomy of the *Athalia*. 9. Anatomy of the *Pterygophorus*. 10. Anatomy of the *Lophyrus*. 11. Anatomy of the *Pamphilus*. 12. *Xyela pusilla*. Dal. 13. *Cephus flaviventris*. Lef. 14. Larva &c. of the *Cephus pygmi*. 15. Anatomy of the *Xyph*. 16. Anatomy of the *Orvessus*. 17. *Sirex lefebvrei*. 18. Anatomical details of the *Sirex*.



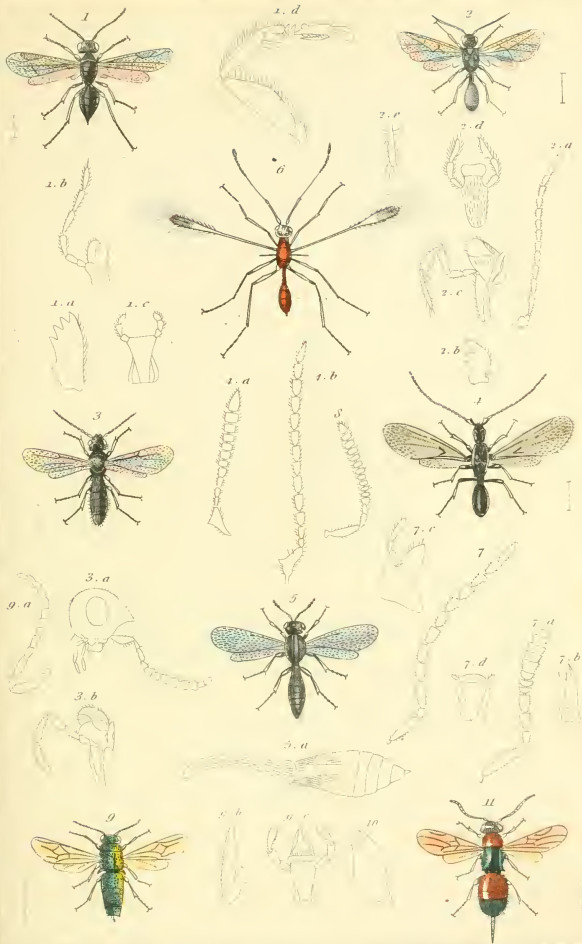
1 *Evania vidua* var. 2 abdomen of the *Evania appendicis* aster, Fab 3 *Pelecinus polycreator*, Latr 4 *Onus asperius* Serv 5 *Stephanus fuscatus* Serv 6 *Ophion marginatus*, Fab 7 *Jeppa picta* Serv 8 *Ichnumon grossioris* Grav 9 *Ditastes suarius* Grav



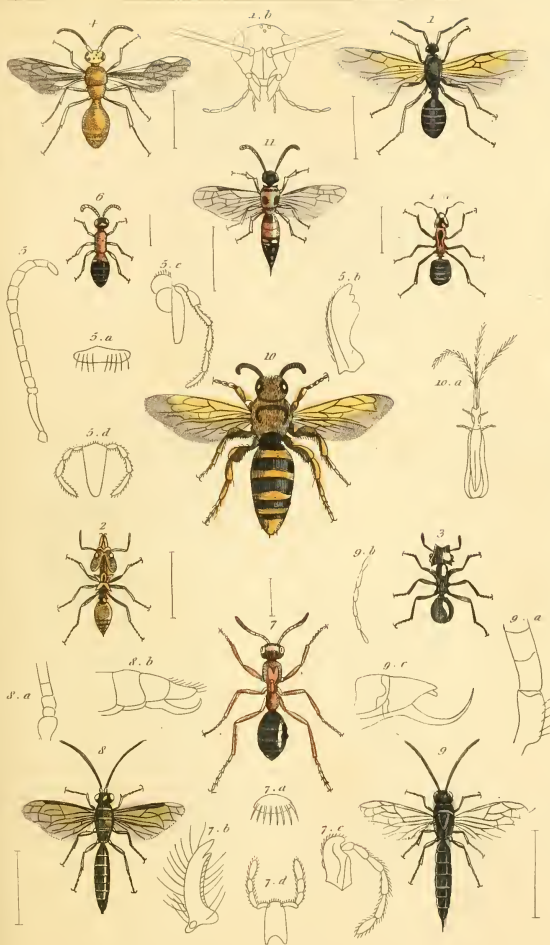
1. *Proctos aitor* Rossi 2. *Agathis purgator* Fab. 3. *Bræcon ornator* Fab. 4. Anatomical details of the *Bræcon ornator* Latr. 5. *Vespa neminator* Latr. 6. *Microgaster depressator* Latr. 7. Anatomical details of *Microgaster alvareus* Latr. 8. *Helcon spinator* Serv. 9. *Sigalphus irrorator* Latr. 10. *Chelonus oculator* Jurine 11. *Alysia mundulator* Fab.



1 *Cynips quercus torje* Fab. 2. *Ibalia cinctellata* F. 3. *Figites scutellaris* Lat. 4. *Chalcis Lasnerii* Guér. 5. Anatomical details of the *Chalcis machonii* Curt. 6. *Chalcis fimbriatus* Guér. 7. *Leucospis pediculata* Guér. 8. *Thoracantha Latreillei* Guér. 9. Head of the *Agam*. 10. Head of the *Birhinus Dalm.* 11. *Eurytoma cooperii* Curt. 12. *Perilampus violaceus* Fab. 13. Anterior of the *Cleonymus* 14. Anterior of the *Eneurytus*. 15. *Eulophus pectinicornis* Fab.



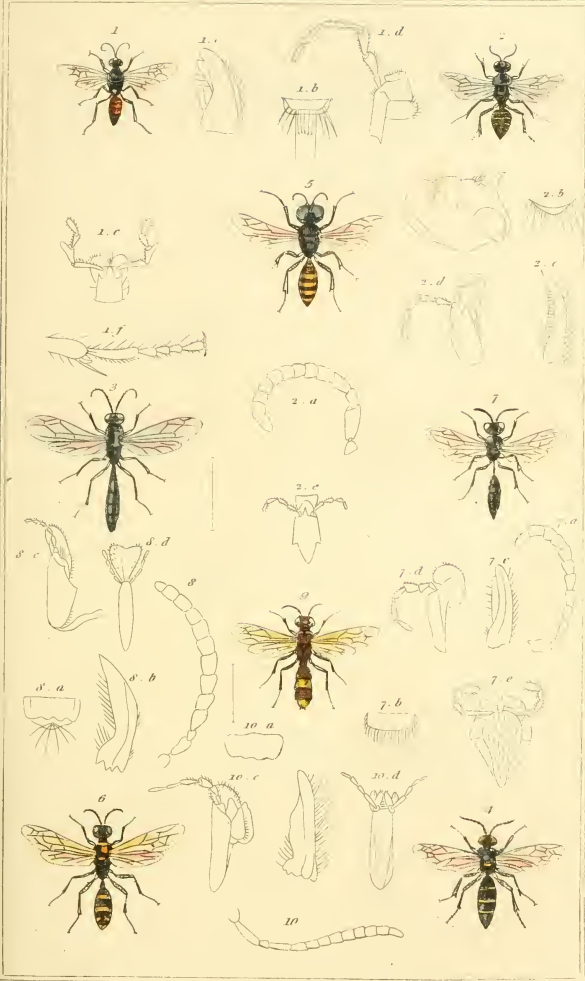
1. *Devivus cursor* Hal 2. *Helorus antennipes* Pim. 3. *Sparasion frontale* Lat 4. *Galesus fuscipennis* Carl 5. *Platygaster Rossii* Jur 6. *Myrmica pulchellus* Walk 7. Anatomical details of the *Teleas clarior* Hal 8. Antenna of the *Genetus*. 9. *Chrysis mexicana* Guér. 10. Anatomical details of the *Hedychrum*. 11. *Cleptes thoracica* Lap.



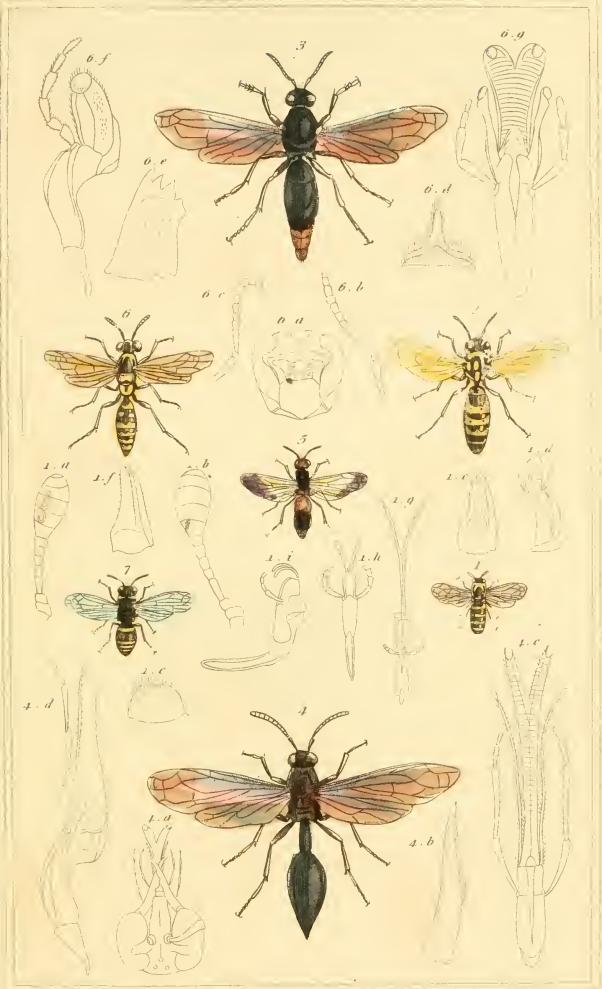
1. *Formica rufa*. L. 2. *Atta ? armigera*. Lat. 3. *Cryptocerus atratus*. Latrél. 4. *Mutilla senex*. Guér. 5. Anatomical details of the *Mutilla sphaerium*. Eab. 6. *Myrmica melanoccephala*. Lat. 7. *Temnothorax icthneumonides*. Lat. 8. *Temnothorax savignyi*. Lat. 9. *Myzine volvulus*. Lat. 10. *Scolia formosa*. Guér. 11. *Sapyga varia*. Lat.



1. *Pompilus viaticus*, F. 2. *Sphex auricula*, Guér. 3. *Amphiphilus apicatus*, Guér. 4. *Ampulex compressiventris*, Guér. 5. *Polopneus lunatus*, F. 6. *Bembex peruviana*, Guér. 7. Anatomical details of the *Bembex*. 8. Anatomical details of the *Monedula*. 9. *Lyrops auriventris*, Guér. 10. *Dinetus pictus*, Jurine.

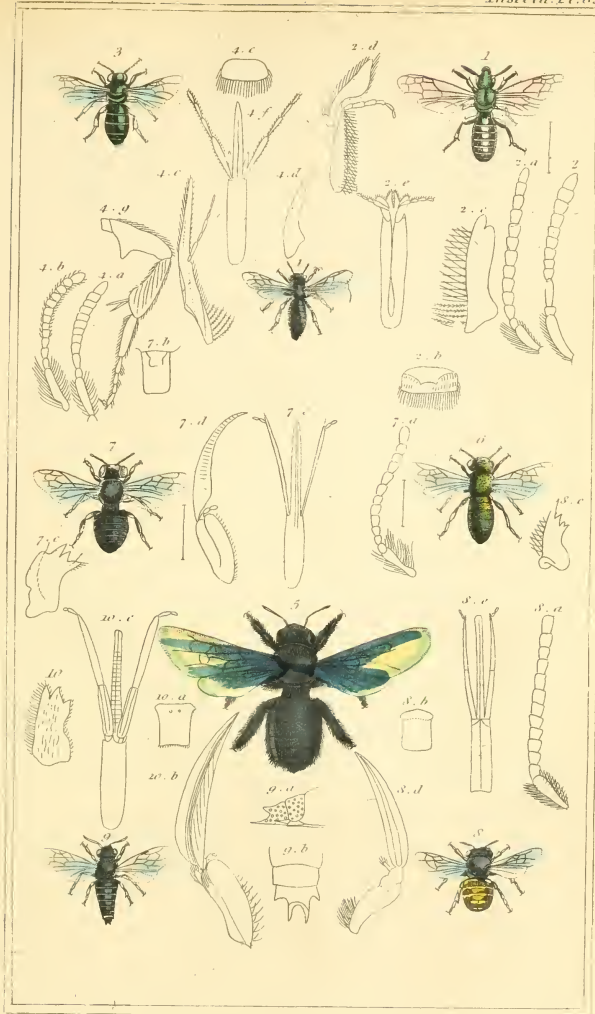


1. *Astata boops*. Spin. 2. *Oxybelus unguinis*. Fab. 3. *Trypoxylon figulus* Lat. 4. *Corytes mystaceus*. Lat. 5. *Crabro cephalotes*. L. 6. *Mellinus arvensis*. L. 7. *Pseua ater*. Lat. 8. Anatomical details of the *Phyllanthus androgynus*. Rossi. 9. *Cervexis bifasciata*. Gier. 10. Anatomical details of the *Cervexis lata*. F

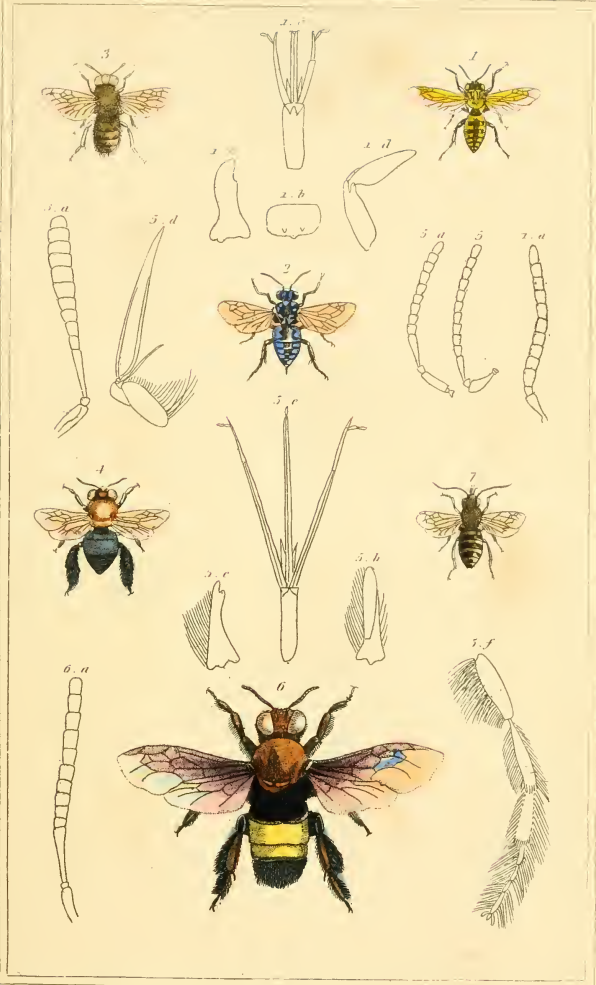


1. *Celonites apiformis*. Lat. 2. *Ceramius fuscocolumb* Klm. 3. *Synagris talida*. Fab. 4. *Emmenea Savignyi*. Guér. 5. *Odynerus elegans* Guér. 6. *Polistes Lefebvrii*. Guér. 7. *Polistes nidulans*. Fab.

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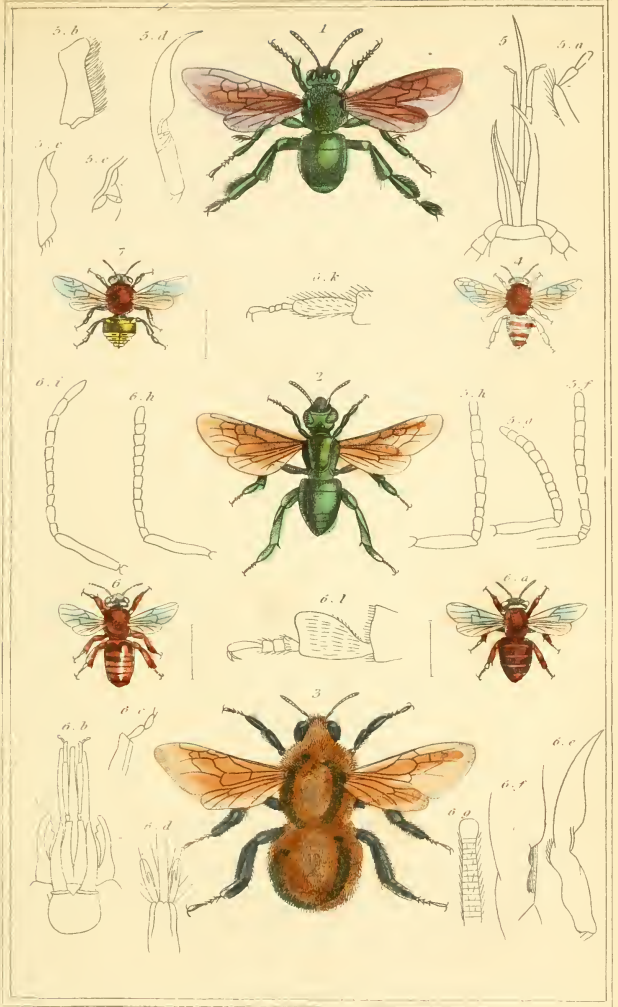


1. *Andrena femoralis*, Guér. Cuba 2. Anatomical details of the *Andrena Kirbii*, Curt.
 3. *Nomia crassipes*, Oliv 4. *Panurgus ater*, Lat. 5. *Xylocopa auripennis*, Lep. 6.
Ceratina viridis, Guér. 7. *Megachile centuncularis* L. 8. *Anthidium diadema*, Latr.
 9. *Colioxys rufipes*, Guér. Cuba 10. Anatomical details of the *Colioxys victis*, Curt.



1. *Epeolus variegatus*. 2. *Crocisya pulchella*. Guér. 3. *Melliturga clavicornis*. Latr. 4. *Anthophora apicalis*. Guér. (Cuba) 5. Anatomical details of the *Anthophora flowerthum* Kirby. 6. *Centris clypeata*. Lepel. 7. *Macrocera Lasniervi*. Guér. (Cuba)

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1. *Acaethopus splendidus* Klug. 2. *Euglossa dentata* Lat. 3. *Bombus Dahlbomii*.
 Guér. 4. *Apis Adamsonii* Lat. 5. Anatomical details of the *Apis mellifica*. 6. *Meli-*
poma foveipes, Guér. 7. *Trigona fuscata* Guér.



Organs of Sensation in Insects.

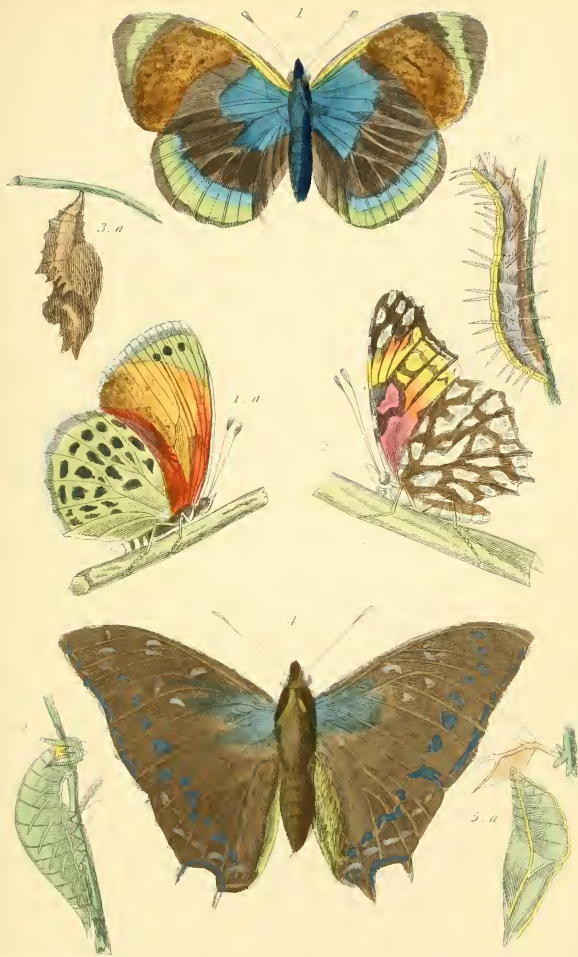


1 *Papilio Latreilli*, Godard 2 Caterpillar & Chrysalis of the *Papilio machaon*, L.

3 *Parnas sius phabus*, Fabr. to Godard 4 *Thais* *oxyg*, Godard



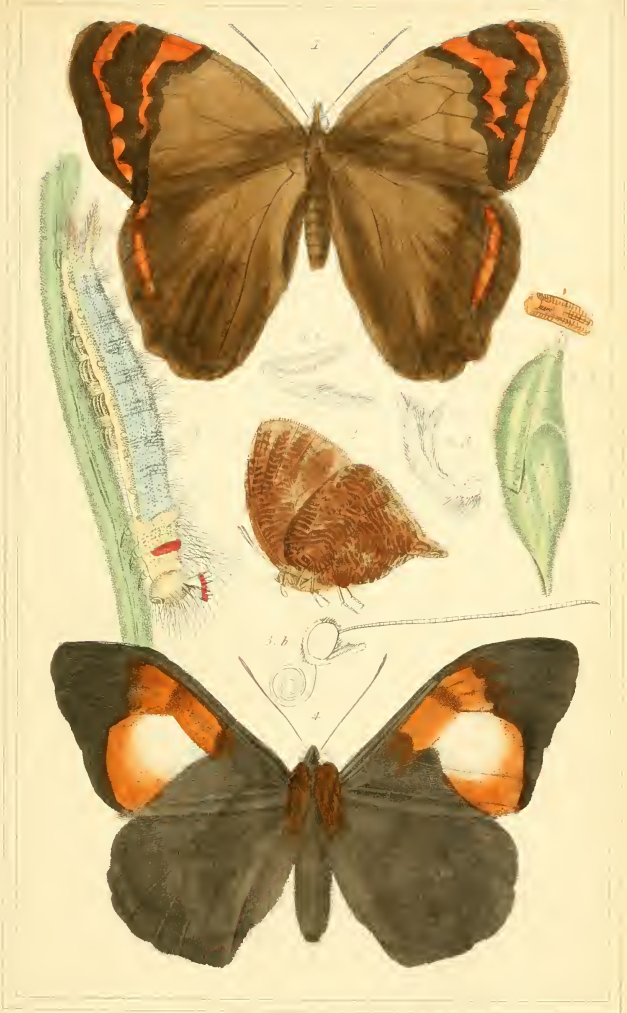
1. *Pieris thuris* Godart. — *Des. aterpittas* & *Chloroneura* — *1. 1. 1. Pieris thuris* Godart.
 2. *Heliconia Lamasia* Godart. — *C. sauda* (C. L. G. Sauda)



1. *Vanessa callithoe*, Godard. 2. *Argynnis moneta*, Leyer. 3. Caterpillar & Chrysalis of the *Argynnis paphia*, Godard. 4. *Nymphalis ethea*, Godard. 5. Caterpillar & Chrysalis of the *Nymphalis ilia*, Godard.



1. *Satyris halderi* Botsd. 2. Caterpillar & Chrysalis of *Satyris partina* Godd. d.
 3. *Eumonia leuca* Godard. 4. *Erybia carolina* Godard.

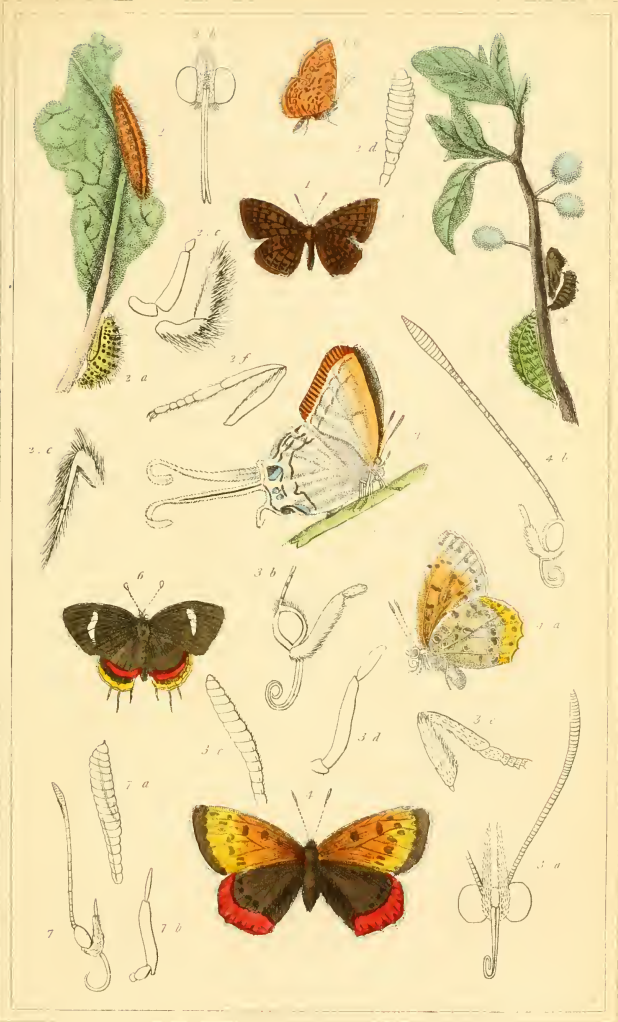


1. *Pavonia acudina*, Godard 2. *Morpho actis*, var. *godardi*

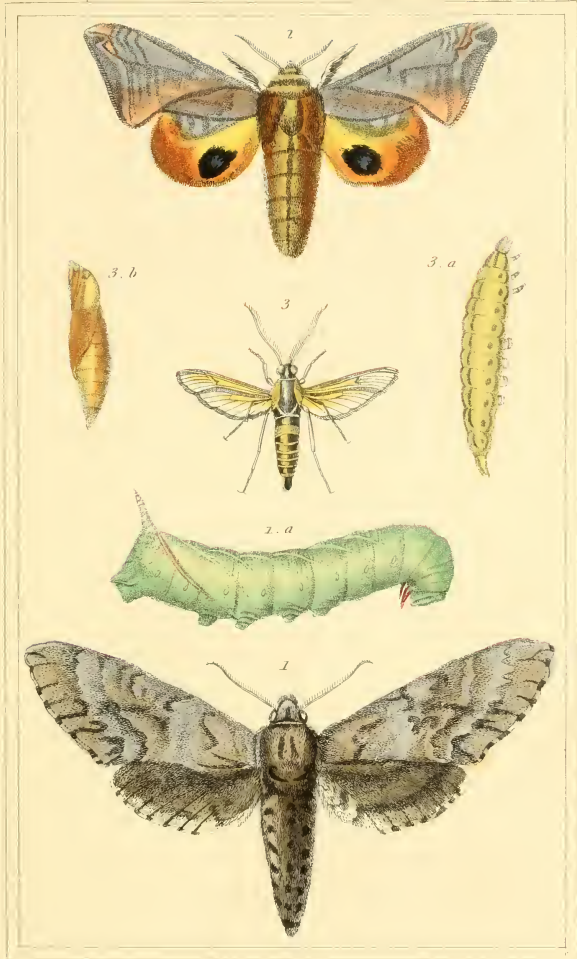
3. Anatomical details of the *Morpho philippus* Godard 4. *Brassolis castanea* Godard



1 *Crana heliconioides* L. 2 *Hesperia subulata* Bely. 3 Caterpillar & Chrysalis of *Hesp. tigei* Fab
 4 Caterpillar of *Hesp. lunca* Fab

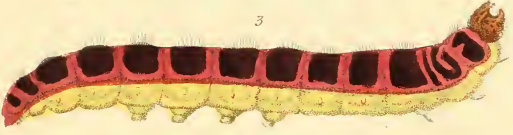


1. *Erycina virginicus*, Bois. 2. Caterpillar, Chrysalis & Anatomy of the *Erycina lucina* 3. *Myrina* Juffra, Godard 4. *Polyommatus Thoe* Bois 5. Caterpillar & Chrysalis of the *Polyommatus pumil* Godard. 6. *Zephyrinus amor*, Hüb. 7. Anatomy of the *Polyommatus roxus*, Godard. 8. *Erycina horis*



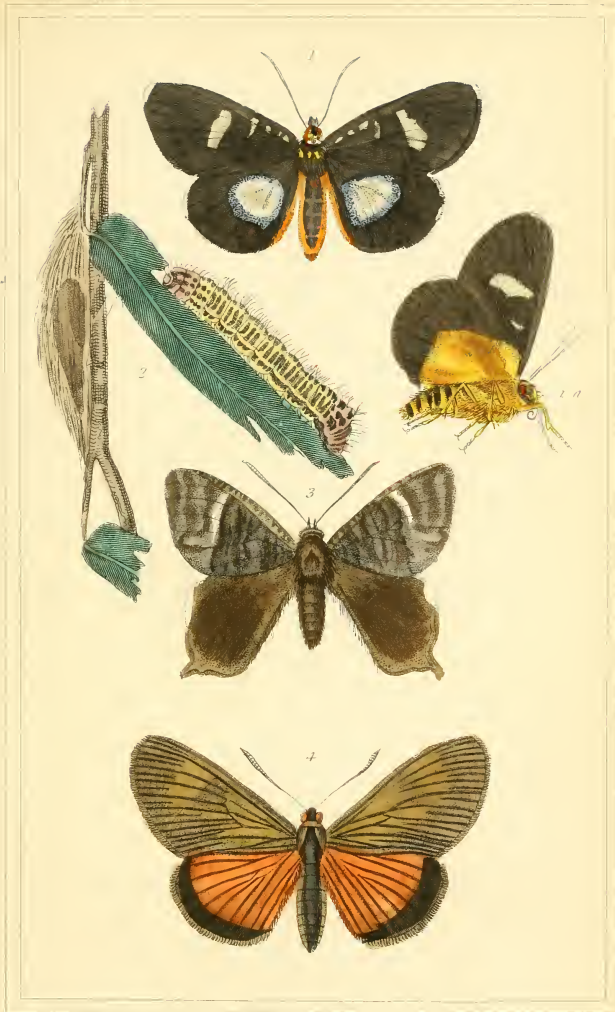
1. *Sphinx jamaicensis* Bly 2. *Smerinthus co.* Bly.

3. *Sesia asilipennis* Bly

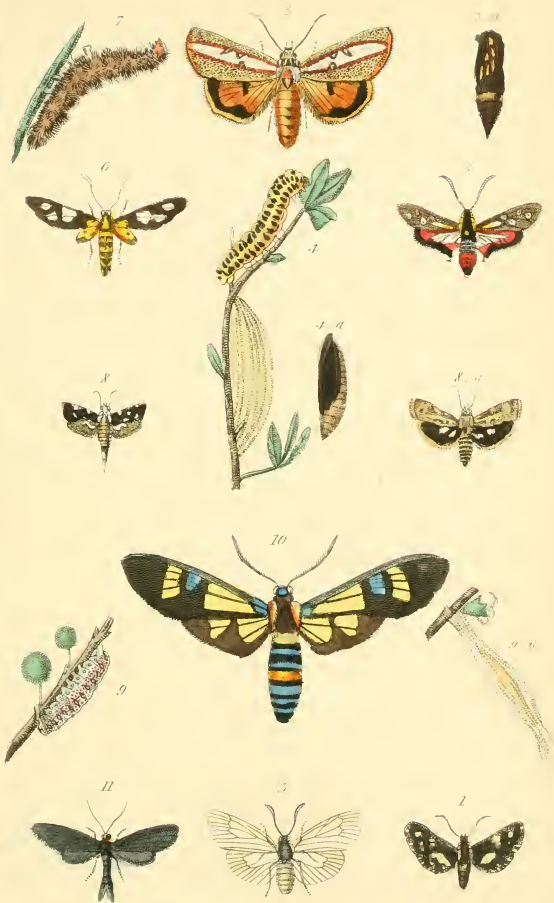


1. *Hepialus lupulinus* Fab. 2. *Cossus Muenchieri* Bdv. 3. Caterpillar of the *Cossus ligniperda* Fab. 4. *Stegia australis* Latr. 5. *Zenzera scalaris* Donov. 6. Caterpillar of the *Zenzera aesculi* Fab. 7. Caterpillar of the *Hepialus humuli* Fab.

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1. *Agarista Pales*. Bdv. 2. Caterpillar & Chrysalis of the *Agarista glyceris*. Lewis.
3. *Coronis Leachii*. Godard. 4. *Castnia Acraeoides*. Bdv.



1. *Thyris sepulchralis*. Bdv. 2. *Egocera rectilinea*. Bdv. 3. *Zigana pulchella*. Bdv. 4. *Zigana filipendula* Lin. 5. *Procris nebulosa*, Illug. 6. *Syntomis myodes*. Bdv. 7. *Syntomis phaegea*. Fab. 8. *Atyehia pumila*. Och. Lat. 9. Caterpillar & Chrysalis of the *Aglaope infausta*. 10. *Glaucopsis Folloti*. Feist. 11. *Aglaope americana*. Bdv.



1. *Chelonia evidens*. Bdv. 2. Caterpillar of the *Chelonia nubilis*. Bdv. 3. Anatomical details of the *Chelonia hysorbata*. 4. *Callimorpha Leroyi*. 5. *Bieranoura borealis*. Bdv. 6. *Lithosia latta*. Bdv. 7. *Lithosia luteola*. 8. Caterpillar of the *Lithosia pulchella*. 9. *Platypteryx globularis*. Bdv.

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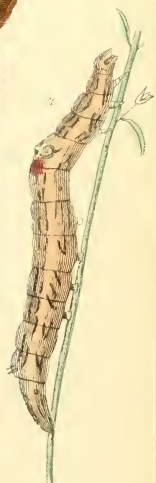
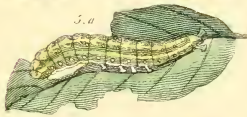
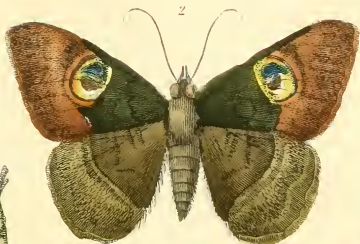
1 *Saturnia baulina* Bdv. 2. Caterpillar of the *Saturnia luna* Fab. 3. *Chrysalis* of the *Saturnia pavonia minor* Lin. 4. *Bombyx digramma* Bdv. 5. Caterpillar of the *Bombyx pensylvanica* Bdv. 6. *Lasiocampa proboscidea* Bdv.



1. *Serica laticornis* Bdy. 2. Caterpillar of the *Serica tessellata* Bdy. 3. *Notodonta nitidella* Linn. 4. *Cygnodes delecta* Bdy. 5. Caterpillar & Chrysalis of the *Orgyia gonostigma* Pab. 6. *Limacodes delictaria* Bdy. 7. Caterpillar of the *Limacodes strigata* G. & S. 8. Caterpillar of the *Limacodes* indeterminate G. & S. 9. *Stella* Gchs. 10. Parts of the Caterpillar of the *Psyche nitidella*



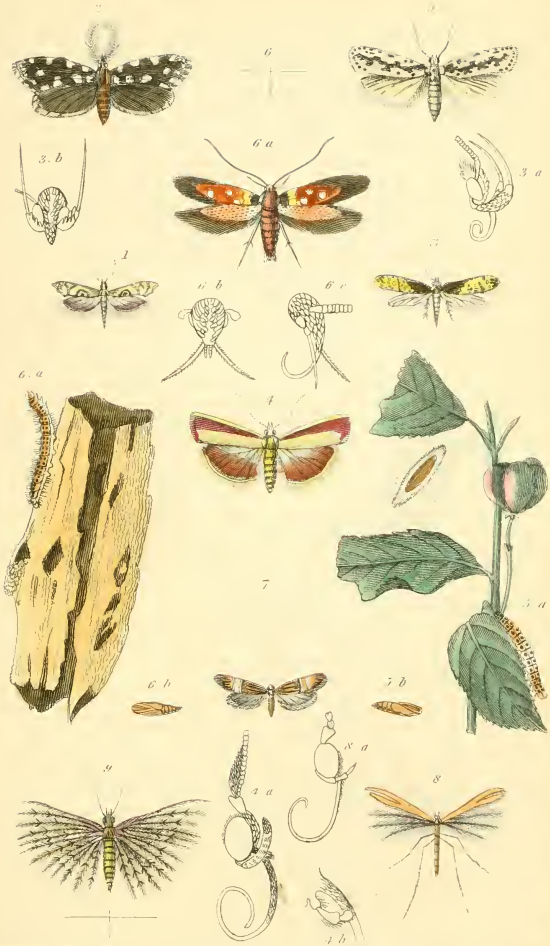
1. *Chelonia evidens*. Bdv. 2. Caterpillar of the *Chelonia rubilis*. Bdv. 3. Anatomical details of the *Chelonia chrysorhiza*. 4. *Callimorpha lecentri*. 5. *Dieranoura borralis*. Bdv. 6. *Lithosia lutea*. Bdv. 7. *Lithosia hutchi*. 8. Caterpillar of the *Lithosia pulchella*. 9. *Platypteryx globularia*. Bdv.



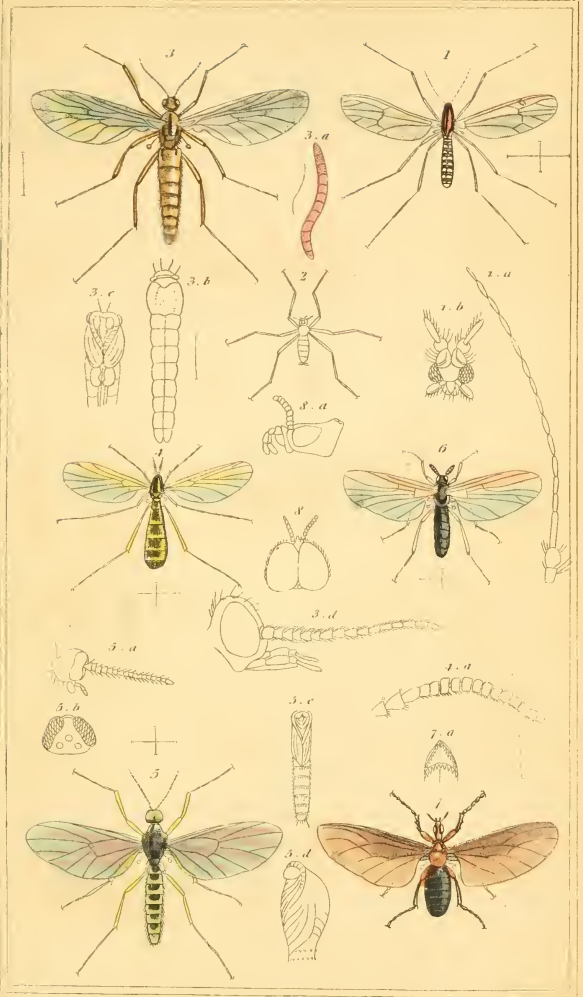
1. *Noctua (Sphinx) imperator* Bdv. 2. *Erebus lunacina* Bdv. 3. Caterpillar of *Erebus uniolella* Bdv. 4. Caterpillar & Chrysalis of *Noctua catocala spensa* Fab. 5. *Pyralis tagana* Fab.



1 *Phalena machaonaria* Bdy. 2 *Phalena gattaria* Bdy. 3. *Inst. only of the Phalena faveolosa* Hub. 4 *Caterpillar of the Phalena grossulariata* L. 5 *Hermomia siderata* Grav. 6. *Head of the Hermomia crassalis* Fab. 7 *Botys dilucidalis* Bdy. 8. *Head of the Botys emipulalis* Hub. 9. *Hydrocampe agnata* Sts. Bdy. 10 *Caterpillar of the Hydrocampe nymphenta* Lat. 11. *Anglossa dilucidalis* Bdy. 12 *Gallexia recessa* Fab. 13 *caterpillar of the Galleria colanella* Hub. 11. *Crambus reticulalis* Bdy. 15. *Inst. only of the Crambus radiellus* Hub.

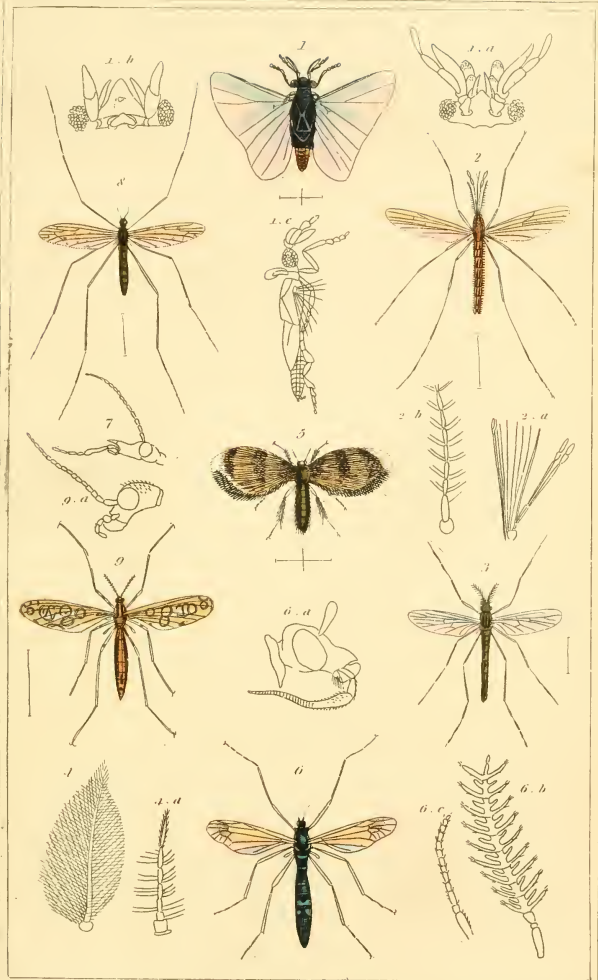


1 *Alucita asperella* Hubn. 2 *Euplocamus anthracinus* Hubn. 3 *Tinea tapetzana* Fab. 3 a Head of *Tm longicornis* Curtis. 4 *Hithia carnea* Latr. 4 a b Anatomy of *H. purgus* Curtis. 5 *Xyponomeuta pusiella* Hub. 5 a b Caterpillar & Chrysalis of *Xp. phambella* H. 6 *Ecophora Linneella* Ckell. 6 a b Caterpillar & Chrysalis of *Ec. majorella* Hub. 7 *Adela Degeerella* Fab. 8 *Pterophorus pilodactylus* Hub. 8 a Head of *Pter. spidodactylus* Curtis. 9 *Orneodes hexadactylus* Latr.



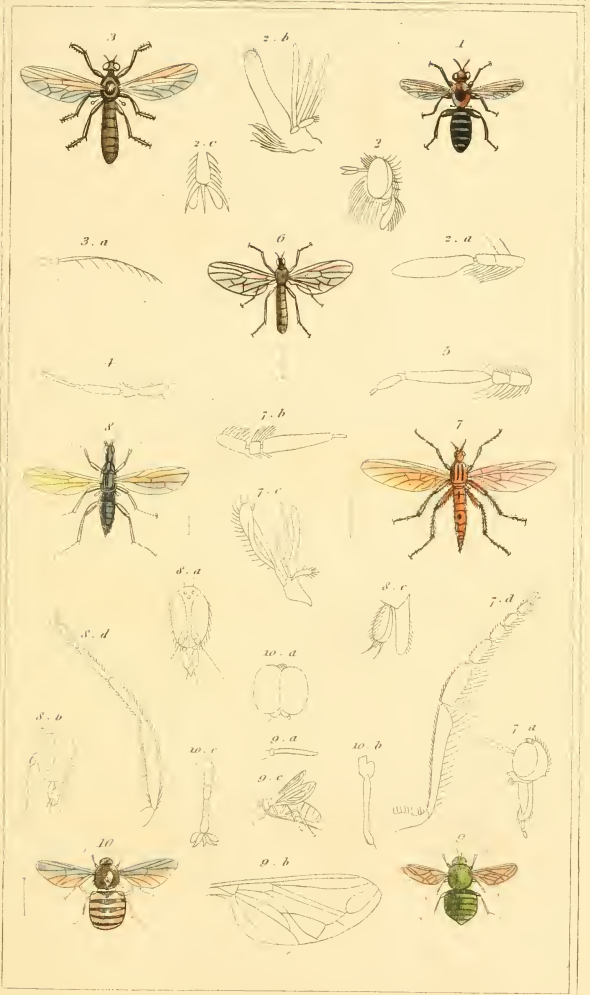
1. *Dixa nebulosa*. Meig. 2. *Chionea araneoides*. Dalm. 3. *Rhyphus fenestratis*. Scop. 4. *Platyura flavipes*. Meig. 5. *Mycetobia thoracica* Linc. 6. *Simulium ornatum*. Meig. 7. *Dilophus thoracicus*. Linc. 8. Anatomical details of the *Bibio venosus*. Meig.

London, G. Kneller scul. 2. Phil Bailey.



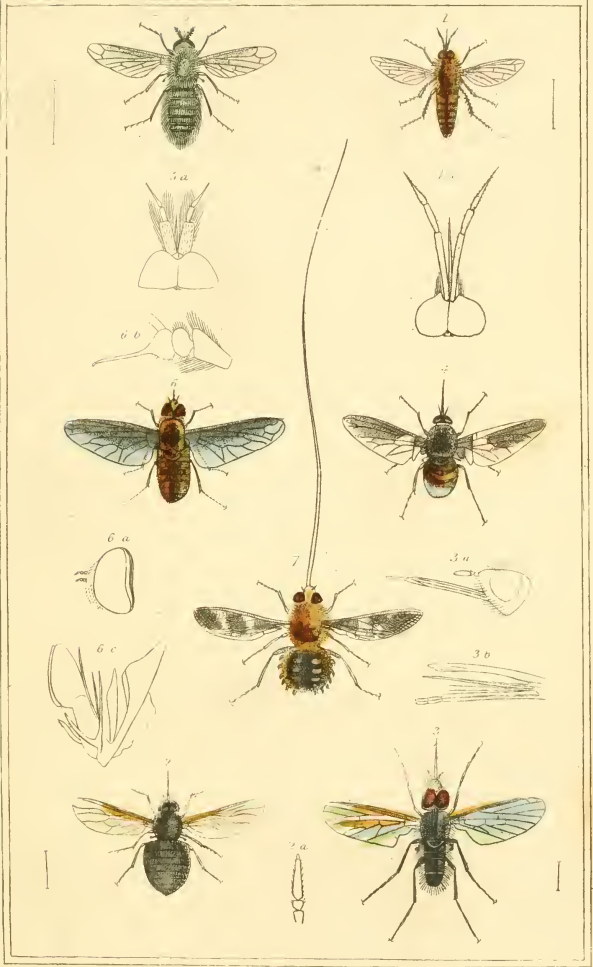
1. *Stelops Dohi*. 2. *Anopheles bifurcatus*, L. 3. *Corethra plumicervis*, Meig. 4. *Libellula* of the *Chironomus*. 5. *Psychoda palustris*, Meig. 6. *Ctenophora festiva*, Meig. 7. Head of the *Tipula*. 8. *Rhipidia maculata*, Meig. 9. *Limnobia ocellaris*, L.

London G. Henderson, 2, Old Bailey.

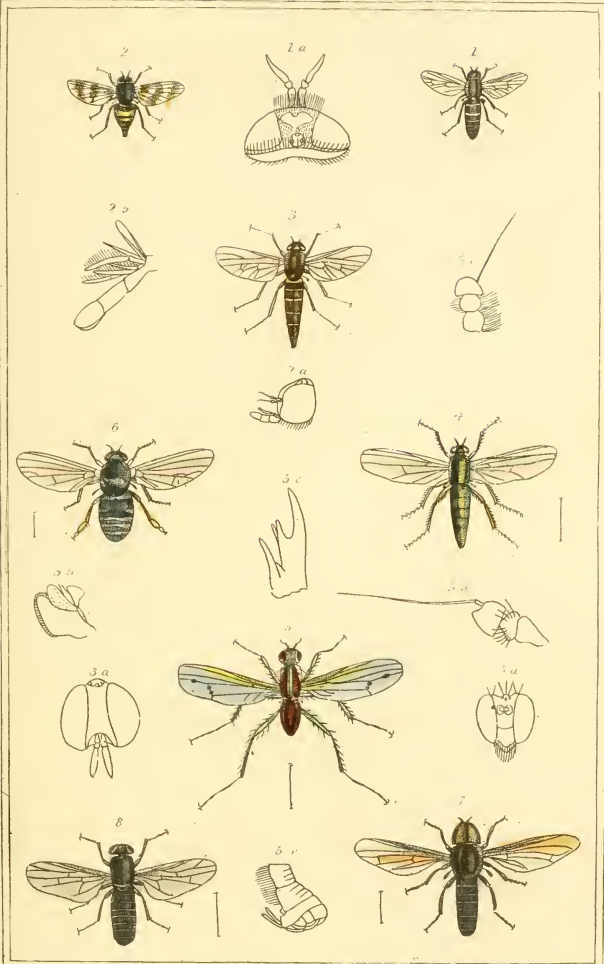


1. *Laphria hirticornis*. Lucr. 2. Anatomical details of the *Laphria nigra*. Meig. 3. *Ommatius conopsoides*. Wied. 5. Antennae of the *Dasypogon*. 6. *Hybos flavipes*. Mayr. 7. *Rhamphomyia pennata*. Mayr. 8. *Tachydromyia sicus*. *arrogans* Lin. 9. *Panops ocelliger*. Wied. 10. *Ogroides gibbosus*. Meig. 4. Antennae of the *Asilus*.

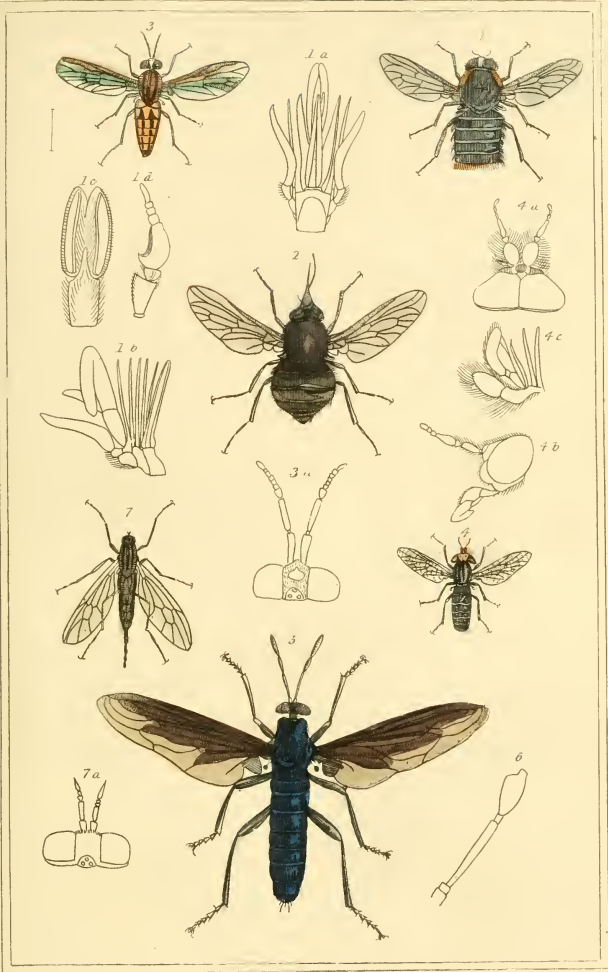
London: G. Henderson 2. Old Bailey.



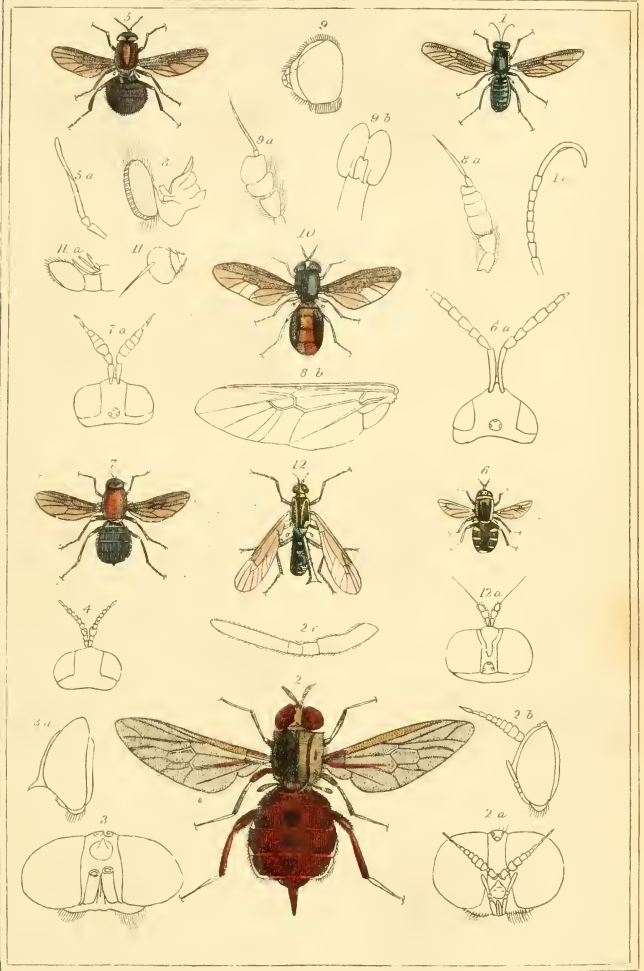
1 *Toxophora americana*, Will. 2 *Pista grisea*, Lat. 3 *Phthiria pulicaria* Meig. 4 *Bombylius tricolor*, Guér. 5 *Ploas histaminea* Guér. 6 *Anthrax autumnata*, Guér. 7 *Nemestrina longirostris*, Wied.



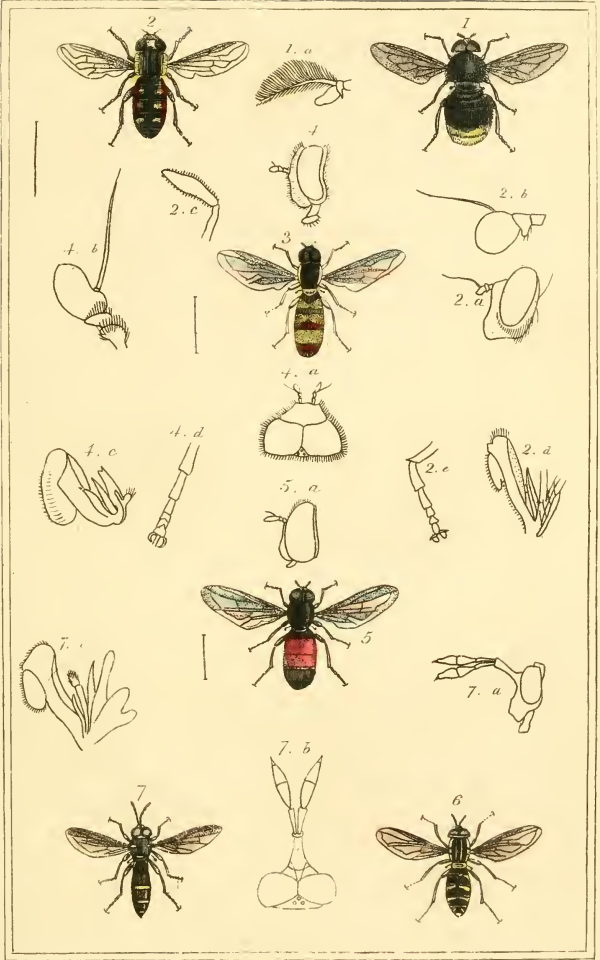
1. *Thereva confinis* Meig. 2. *Atherix ibis* Meig. 3. *Lepus Servillei* Guér. 4. *Dolichopus irregularis* Fab. 5. *Medeterus notatus* Fab. 6. *Platypeza sophia* Lepel. 7. *Pipunculus campestris* Meig. 8. *Scenopius fenestralis* Fab.



1. *Tabanus latus* Guer. 2. *Pangonia nigripennis* Guer. 3. *Chrysops molestus* Guer. 4. *Homatopota lusi-tanica* Guer. 5. *Mydas bonariensis* Serv. 6. Antenna of the *Cephalocera* Serv. 7. *Chiromyza vittata* Wied.



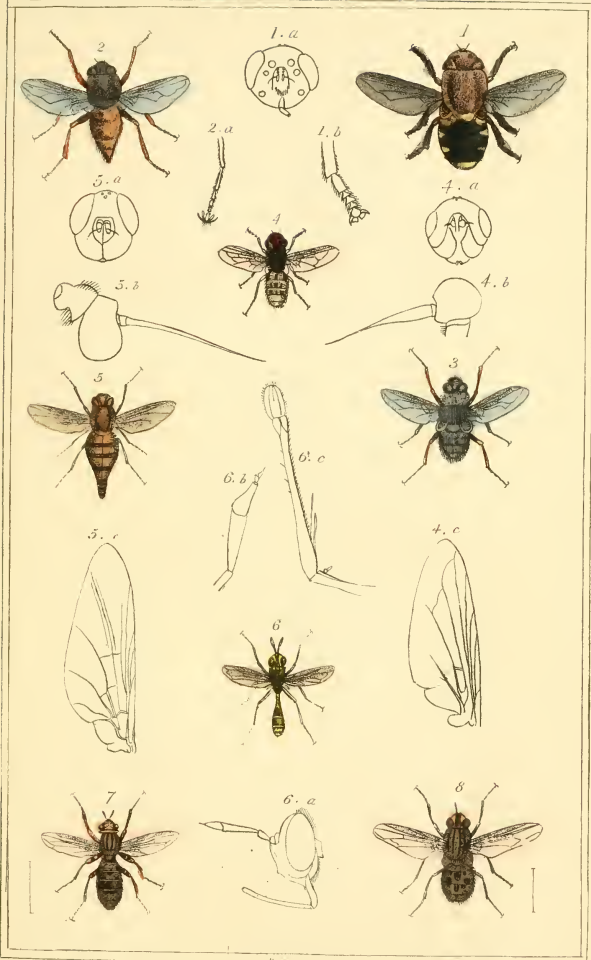
1. *Hermetia singularis* Guér. 2. *Acanthomera Servillei* Guér. 3. Head of the *Acanth picta*, Weid. 4. Head of the *Beris*. 5. *Cyphomyia auriflamma* Wied. 6. *Stratiomys coronata* Serr. am. ber! 7. *Ephippium thoracicum* Lat. 8. Anatomical details of the *Oxyera*. 9. Anatomical details of the *Sargus Roumieri* Moig. 10. *Chysochlora hirticornis* Weid. 11. Anatomical details of the *Vappo*. 12. *Dicranophora fuscifera* Wied.



1 *Volucella bombylans*, May 2 *Helophilus abnormis*, Guér. 3 *Syrphus senegalensis*, Guér. 4. Anatomical details of the *Syrphus scarae* var. *curl* 5 *Paragus bicolor* Lat. 6. *Chrysotoxum arvatum*, May 7 *Cera Conopside*, May



1. *Aphis apiformis* de Geer. 2. *Merolou equestris*. Meig. 3. *Xelota segnis*. L. 4. Head of the *Tropidia*. 5. *Milesia speciosa*. Fab. 6. *Pipiza fasciata*. Meig. 7. *Rhinaria campestris*. Meig.



1 *Cuterebra apicalis*, Guer. 2. *Edemagena turandi*, L. 3. *Hypoderma bovis*, F. 4. *Cephalemia eris*, L. 5. *Estrus equi*, L. 6. *Conops rufipes*, F. 7. *Myopa variegata*, Meig. 8. *Stomoxys calcitrans*, L.



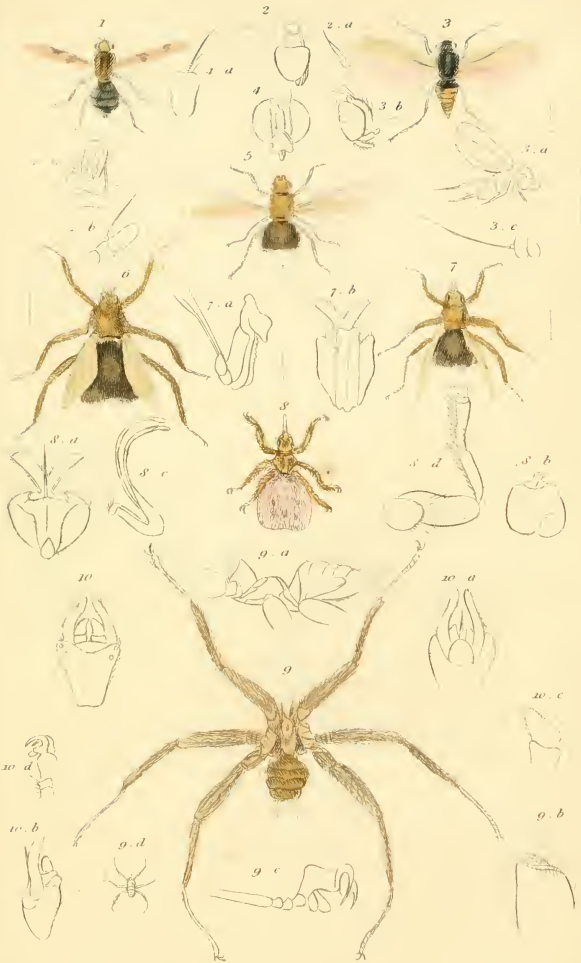
1. *Echynomyia grossa*. Fab. 2. *Cynnosoma rotundata*. Fab. 3. *Miltogramma punctata*. Meig. 4. *Phasia brachyptera*. Meig. 5. *Lucilia mirabilis*. 6. *Calliphora vomitoria* L. 7. Head of the *Achias oculatus*. 8. *Lispe tentaculata*. Meig. 9. *Anthomyia pluvialis*. L. 10. *Ephedra rufitarsis*. Meig.
 II. Anatomical details of the *Ephedra Spilotu*. Hal.

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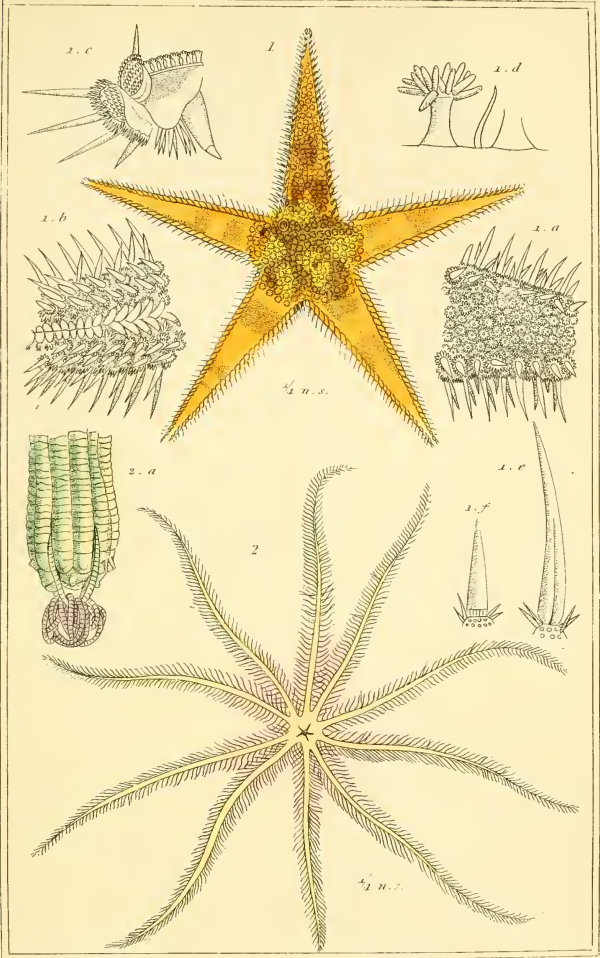




1 *Thyreophora cynophila* Latr. 2. *Scatophaga stercoraria* L. 3. Antenna of the *Sphaerocera*
 4 *Sapromyza brunatensis* Macq. 5. *Oseonix chlorops hypostigma* Abry. 6. *Sepedon sphae-*
gens Fab. 7. *Galobata truncatella ruficeps* Guér. 8. *Diopsis fuscicornis* Guér. 9. *Diopsis alate-*
apollus Guér. 10. Anatomical details of the *Sepsis annulipes* Meig. 11. *Tephritis obliqua* Guér.
 12. Anatomical details of the *Tephritis corvina* Fab.



1. *Platystoma larva*. Guér. 2. *Celyphus oblectus*. Dalm. 3. *Phora abdominalis*. Fall. 4. Anatomical details of the *Hyppobosea equina* L. 5. *Ornithomyia chilensis*. Guér. 6. *Anapera tangerii*. Guér. 7. *Stenopteryx hirundinis*. Leach. 8. *Melophagus ovinus*. L. 9. *Nycterybia Westwoodii*. Guér. 10. Anatomical details of the *Nycterybia Sykesii*. West



1. *Asterias aurantiaca*. Lin.

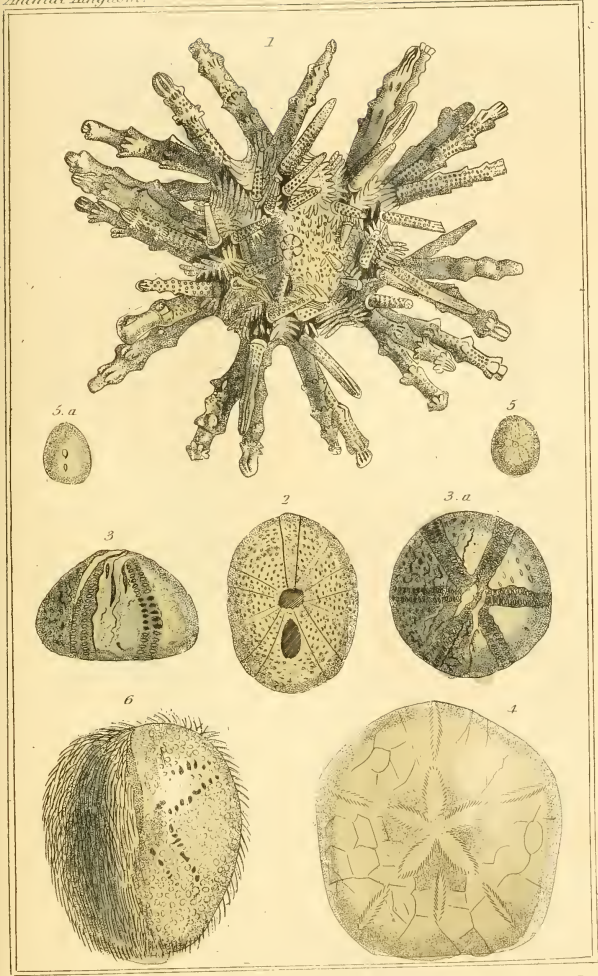
2. *Comatula carinata*. Lam.



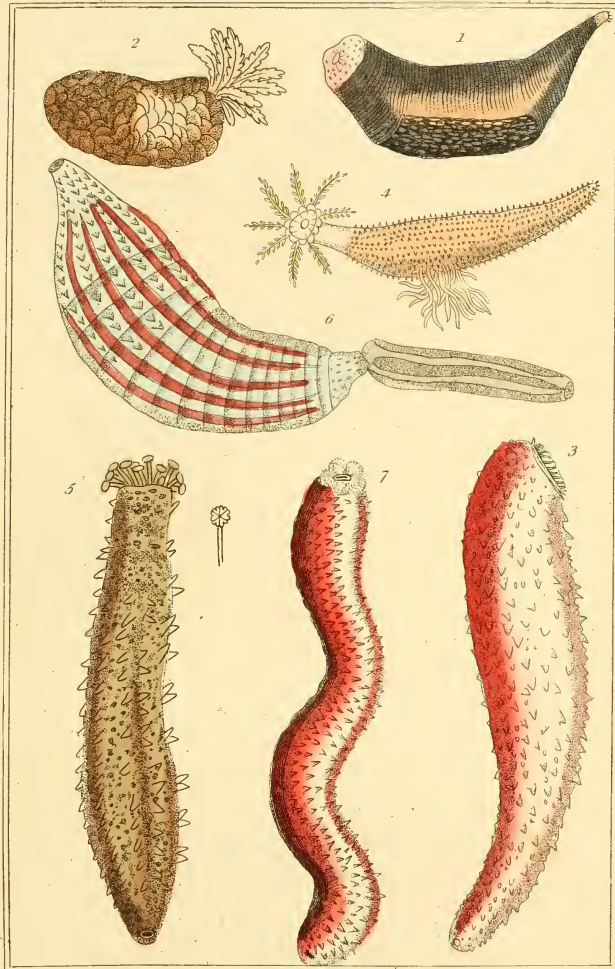
1. *Echinus esculentus*, Lin. 2. & 3. *Floriceps saccata*, Gv.

4. *Stephanomia uvaria*, Les



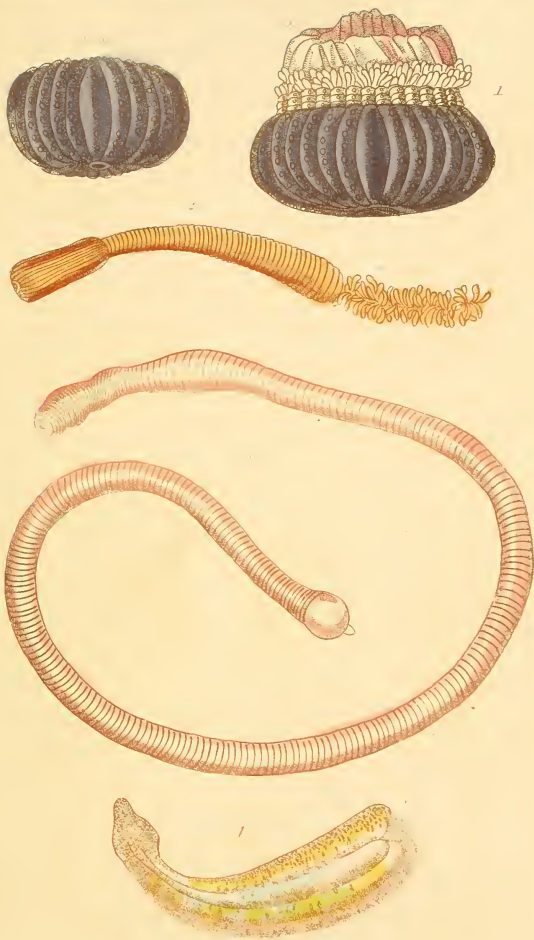


1 *Echinus verticillatus* Lam. 2 *Echinomus semilunaris* Lam. 3 *Galerites serfasciatus* Lam.
4 *Scutella herapora* Lam. 5 *Fibularia ovulum* Lam. 6 *Spatangus pilosus* Val.



1. *Holothuria phantopus*. *Lin. Mull.* 2. *Holothuria squamata*. *Mull. Gw.* 3. *Holothuria elegans*. *Mull. Gw.*
 4. *Holothuria fusus*. *Mull.* 5. *Holothuria cucumer*. *Risse.* 6. *Holothuria caevuari*. *Less.* 7. *Holothuria edulis*. *Less.*

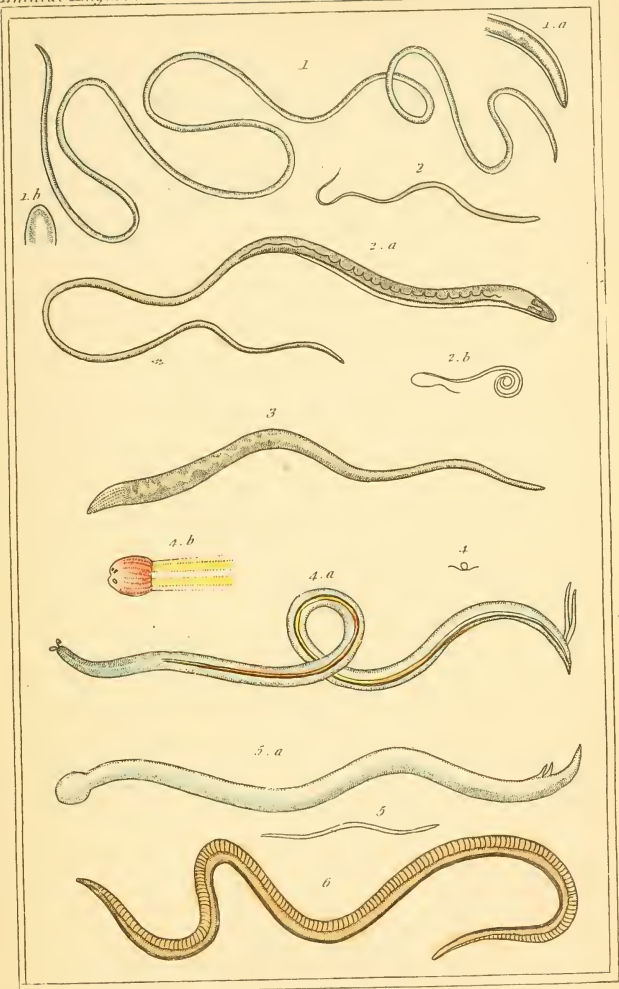




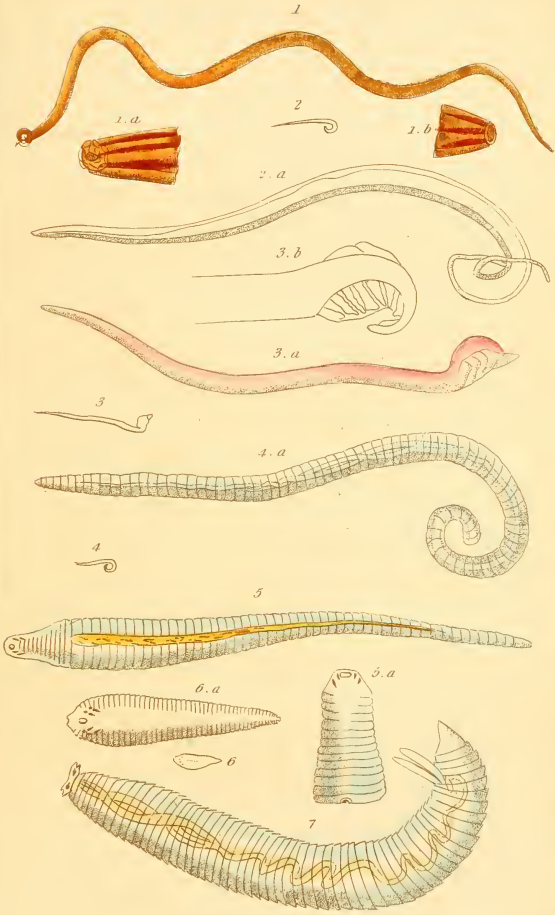
1 *Minyas cyanea* 2 *Eriapula caudata* Lam. II. *Eriapus* Mull.
 3 *Sipunculus edulis* Pallus 4 *Sipunculus tigrinus* Ross



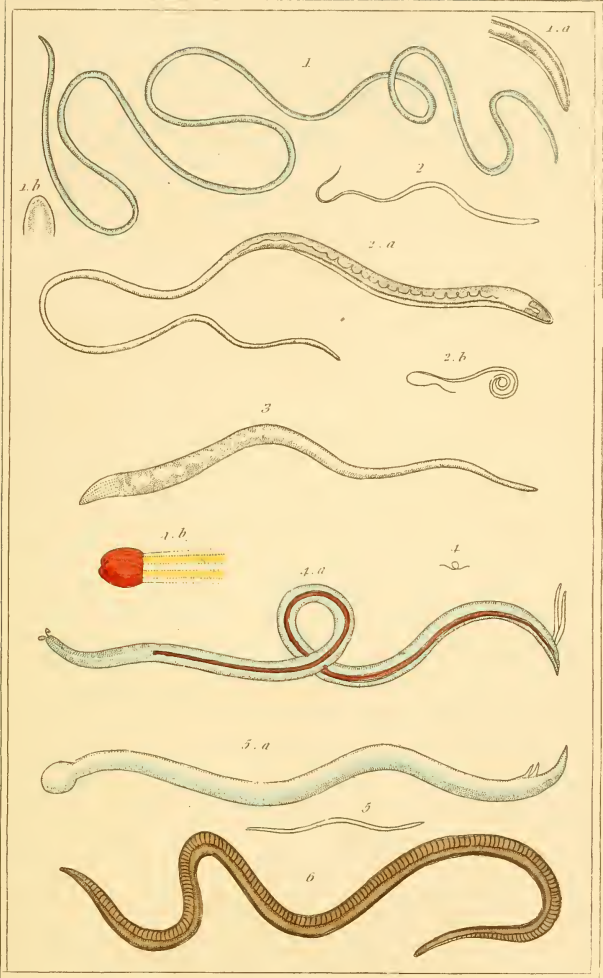
1. *Bonellia viridis*, Ret. 2. *Thalassema neptuni* Götter. 3. *Thalassema*, Pallas. 4. *Echiurus Pallasii*, Sch. 5. *Echiurus*, Gm. Pallas. 6. *Sternaspis thalassimendes* Ch.



1. *Filaria medinensis*. Gu. 2. *Trichocephalus dispar*. Rud. 3. *Oxyurus curvula*. Rud. 4. *Cucullianus elegans*. Rud. 5. *Ophiostoma sphaerocepala*. Rud. 6. *Ascaris lumbricoides*. L.



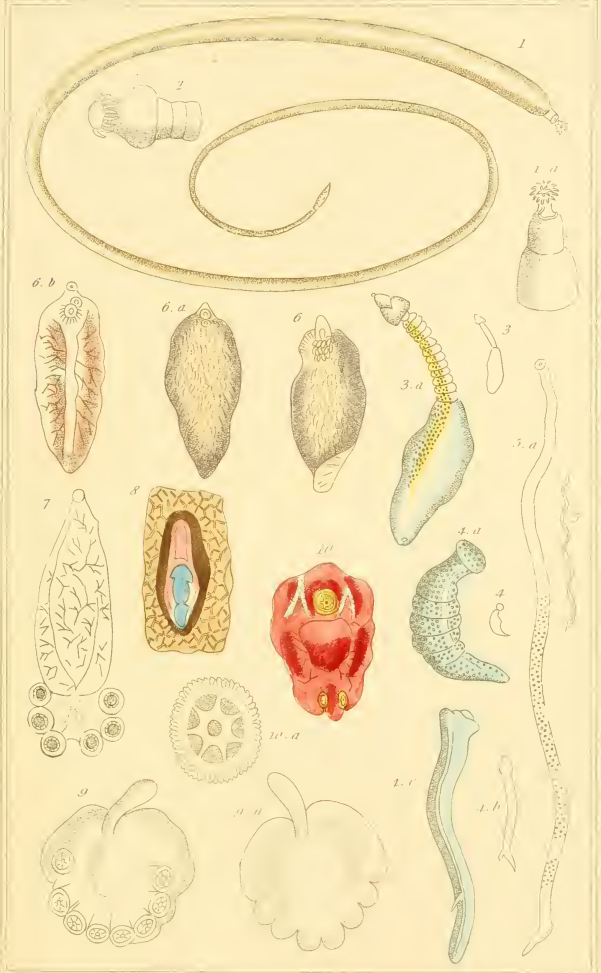
1. *Strongylus gigas*. Rud. 2. *Spiropterus stercorarius*. Rud. 3. *Physalopterus clausus*. Rud.
 4. *Loerhynchus denticulatus*. R. 5. *Linguatula trivulvis*. R. 6. *Linguatula*. (Cuv. notes.)
 7. *Pronoderma ascaroides*. Rud.



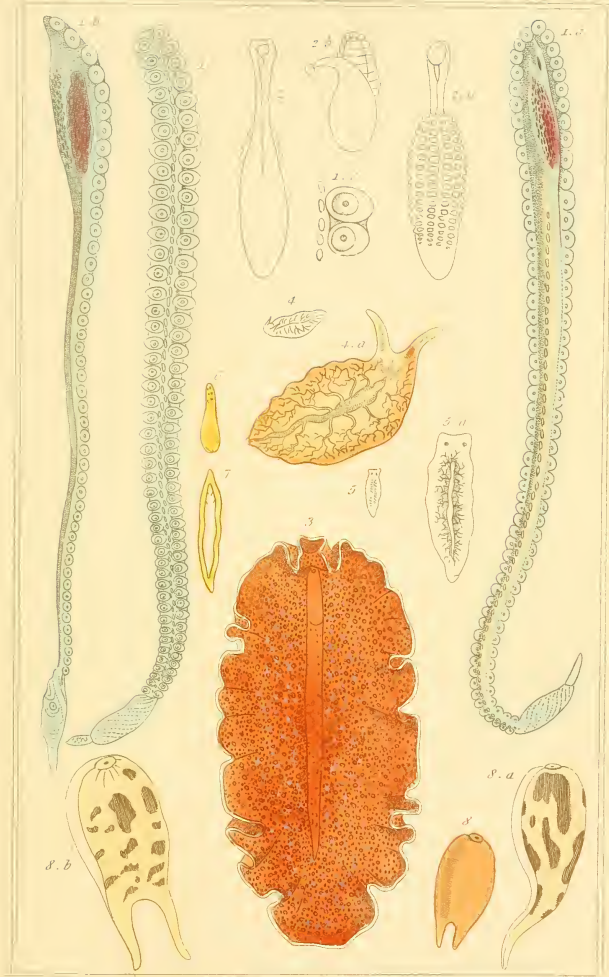
1. *Flaria medinensis*. Gm. 2. *Trichocephalus dispar*. Rud. 3. *Oxyurus curvatus*. Gm. 4. *Cucullianus elegans*. Rud. 5. *Ophiostoma sphaerocephala*. Rud. 6. *Ascaris lumbricoides*. L.



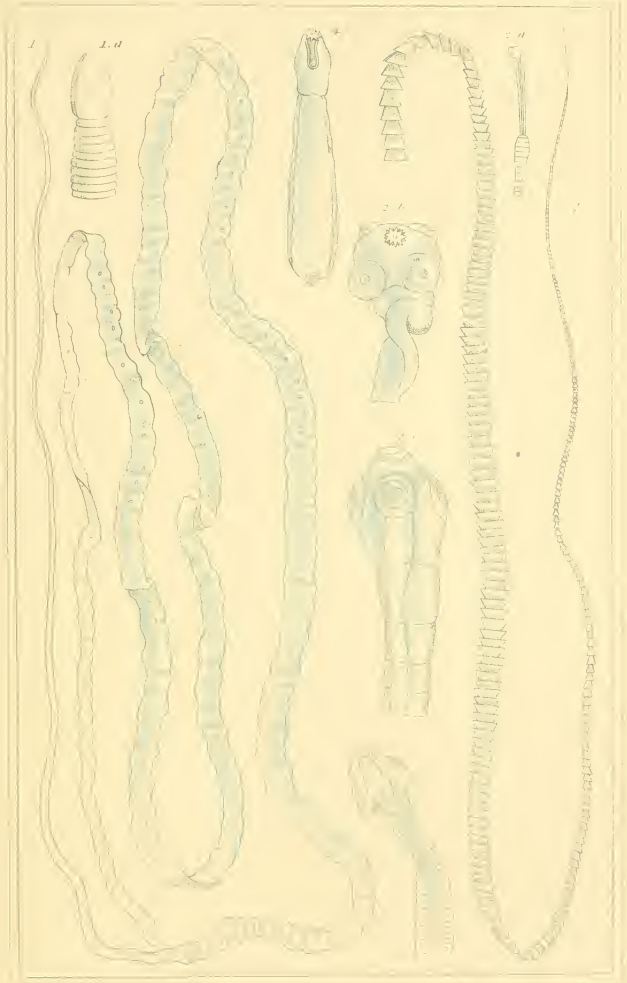
1. *Clavella branchiata* Lamour. 2. *Clavella multicaeva* Lamour. 3. *Penella filosa* Lamour. 4. *Sphyrion tenuis* Lamour. 5. *Clavella furcata* Lamour. 6. *Brachiella thymi* Lamour. 7. *Clavella branchiata* Lamour. 8. *Clavella multicaeva* Lamour. 9. *Clavella* sp. 10. *Clavella* sp. 11. *Clavella* sp. 12. *Clavella* sp.



1. *Eclinarhynchus gigas* Sm. 2. *Haeruca muris* Sm. 3. *Amphistoma longicollis* Bl. 4. *Caryophylleus multabilis* Bl. 5. *Monostoma* Bl. 6. *Fasciola hepatica* L. 7. *Polydora integerrimum* Bod. 8. *Polydora pumilio* Bl. 9. *Cyclocotyles Belloni* (Ott) 10. *Tristoma foveatum*.



1. *Hectocotile octipodis*. 2. *Aspidogaster conchicola*. Boer. 3. *Planaria aurantiaca*. Russ. 4. *Planaria cornuta*. Mull. 5. *Planaria lactea*. Mull. 6. *Prostoma clypeosinoides*. Duges. 7. *Deros toma netops*. Duges. 8. *Vertumnus thetidicola*. Ctr.



1. *Tenia* sp. 2. *Tenia* sp. 3. *Tenia* sp. 4. *Tenia* sp. 5. *Tenia* sp. 6. *Tenia* sp. 7. *Tenia* sp. 8. *Tenia* sp. 9. *Tenia* sp. 10. *Tenia* sp.

1. *Dibothrocoryca* sp. 2. *Dibothrocoryca* sp. 3. *Dibothrocoryca* sp.



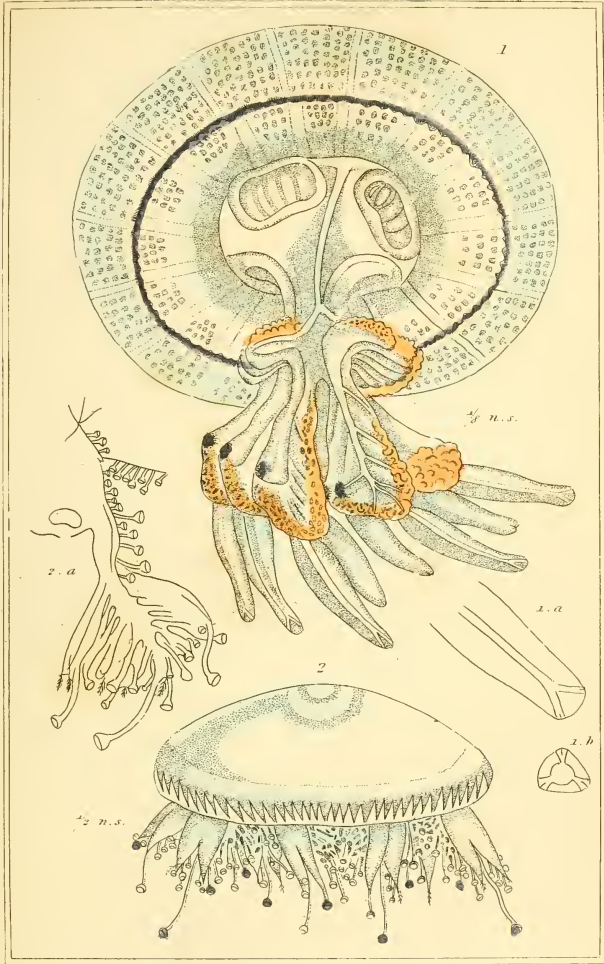


1. *Floriceps corollatus* 2. *Tetrarhynchus longialis* 3. *Tentacularia Bosseti* 4. *Cystocercus pisciformis* L. 5. *Cysticercus pumila* Blum 6. *Aerostoma annui* Lesq.
 7. *Canurus cerebralis* Gu 8. *Echinococcus*. 9. *Ligula simplicissima* Fl



1 *Pelagia pilosella*. Eren. 2 *Cyanara laticela*. Quey & Gaim.

3. *Equorea cyanogramma*. Quey & Gaim.

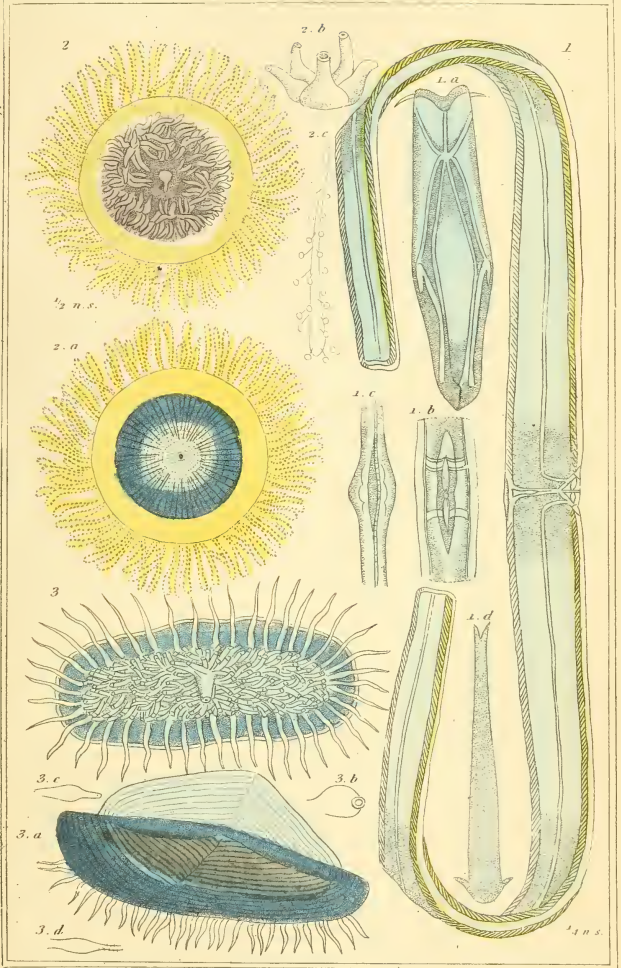


1 *Rhizostoma abbreviati* Biss. from a draw^g of M. Laurillard.

2 *Cassiopea herbonica* Delectuac. Cav.



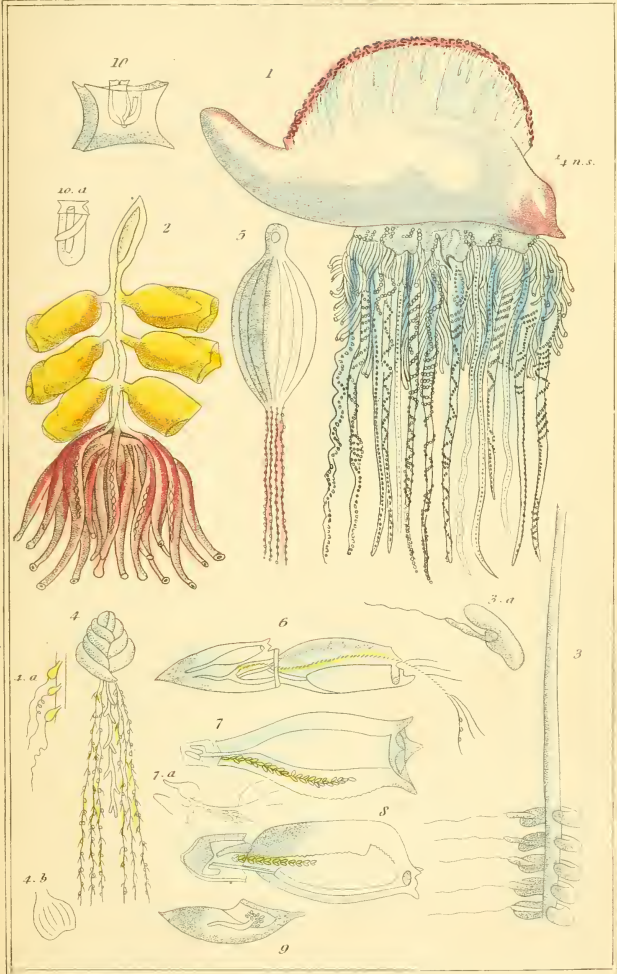
Physalia physalis (common Portuguese man-of-war)
Physalia physalis



1. *Cestum veneris* Lessour. 2. *Porpita chrysoconus* Less.

3. *Veella limbosa* Lam.



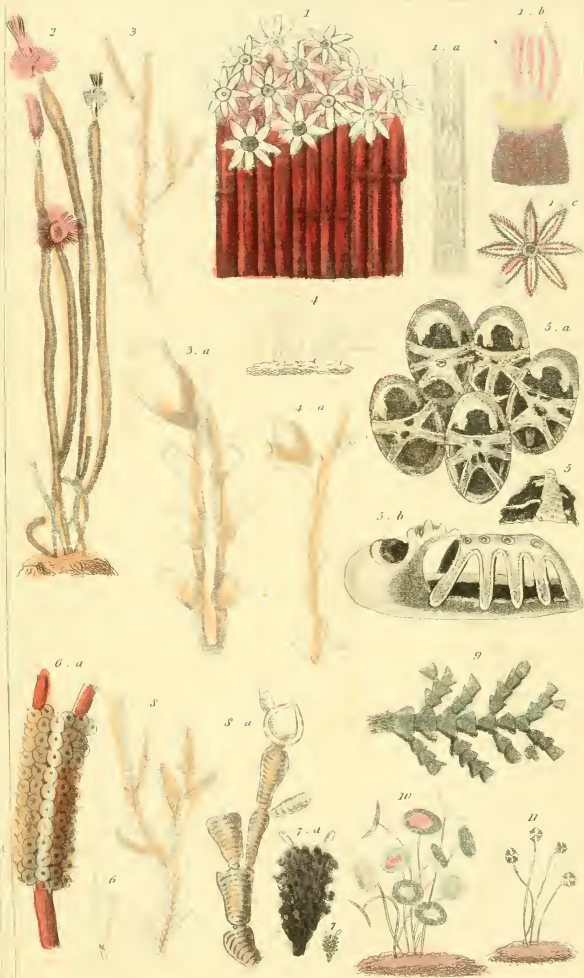


1. *Physalia atlantica*. Less. 2. *Physosiphora disticha*. Less. 3. *Physosiphora nicca*. Lam. 4. *Hippopodius luteus*. Quey & Gaym. 5. *Rhizophyza heliantha*. Quey & Gaym. 6. *Diphia dispar*. Bory. 7. *Calpe pentagona*. Quey & Gaym. 8. *Ahyla trigona*. Quey & Gaym. 9. *Cymba sagitta*. Quey & Gaym. 10. *Cuboïdes vitreus*. Quey & Gaym

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1. *Actinia corallina*. Bisse. 2. *Thalassianothus aestr.* Ruppel. 3. *Discosmus mammiferus* Eng.
 4. *Zoanthus sociatus*. Oby. 5. *Lucernaria campanula*. Lamouroux.



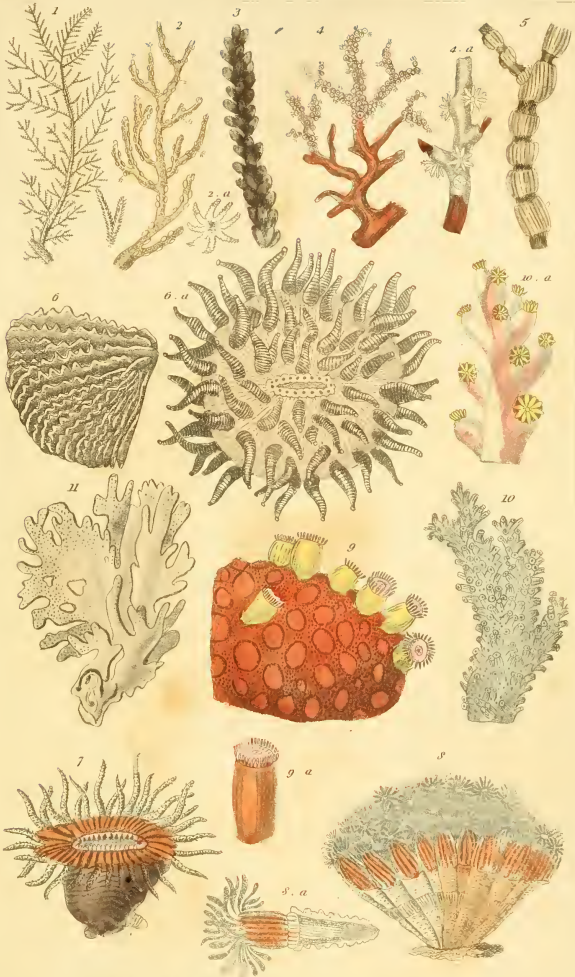
1. *Tubipora rubecola*. Quey. 2. *Tubularia indivisa*. Lam. 3. *Sertularia tamarindus*. Ellis. 4. *Eucratea cornuta*. Ellis. 5. *Flustra Aragoi*. Exp. d'Eq. 6. *Cellepora pumicosa*. Ellis. 7. *Tubulipora tubulosa*. Gmel. 8. *Corralina officinalis* Lin. 9. *Flabellaria epuntia*. Ellis. 10. *Acetabulum mediterraneum*. Gmel. 11. *Polyphysa aspergillum*. Lameur



1. *Hydra viridis*, Trömb. Cuv. 2. *Hydra fusca*, Tr. Cuv. 3. *Coryna multicornis*, Eorsk. Cuv. 4. *Crustella mucronata*, Cuv. 5. *Vorticella opercularis* Bory. de Sauss. 6. *Pedicellaria tridens*, Mull. Cuv.



1 *Pennatula grisea*. Gmel. 2. *Virgularia juncea*. Pall. 3. a fragment of the *Virgularia mirabilis*. Mull. 4. *Renilla violacea*. Quoy. 5. *Umbellutaria eucrinus*. Ellis. 6. *Acyonima aurantiacum*. Quoy. 7. a large fragment of the *Acyonima ramosum*. Quoy. 8. *Thelymna hencurum*. Musikh. 9. *Spongia oculata*. Pallas. 10. *Spongia niams*. Bl



1. *Antipathes myriophylla*. Ellis & Sol 2. *Gorgonia verrucosa*. Cavol. 3. *Eniorea mammosa*. Lamour
 I. *Corallium rubrum* Cavol. 5. *Isis hippuris*. Ellis & Sol 6. *Fungia crassitentaculata*. Quoy. 7. *Tarba-
 nolia rubra*. Quoy. 8. *Caryophyllia fasciculata*. Lam. 9. *Astrea calicularis*. Lam 10. *Madrepora
 abrotanoides*. Lam. 11. *Millepora alcicornis*. Pall.







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