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THE
ANIMAL KINGDOM,
ARRANGED ACCORDING TO ITS ORGANIZATION,
Serving as a
Foundation for the
NATURAL HISTORY OF ANIMALS,

and an
Introduction to comparative Anatomy.

By
BARON CUVIER,

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WITH FIGURES DESIGNED AFTER NATURE:

the
Crustacea, Arachnides & Insecta,

by
M. Latreille,

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

Translated from the latest French Edition.

with
ADDITIONAL NOTES,

and

Illustrated by nearly 800 Coloured Plates.

IN FOUR VOLUMES.

VOL. IV.

INSECTA-ZOOPHYTES.

LONDON,

G. Henderson 2, Old Bailey Ludgate Hill.

AND SOLD BY ALL BOOKSELLERS

1837.

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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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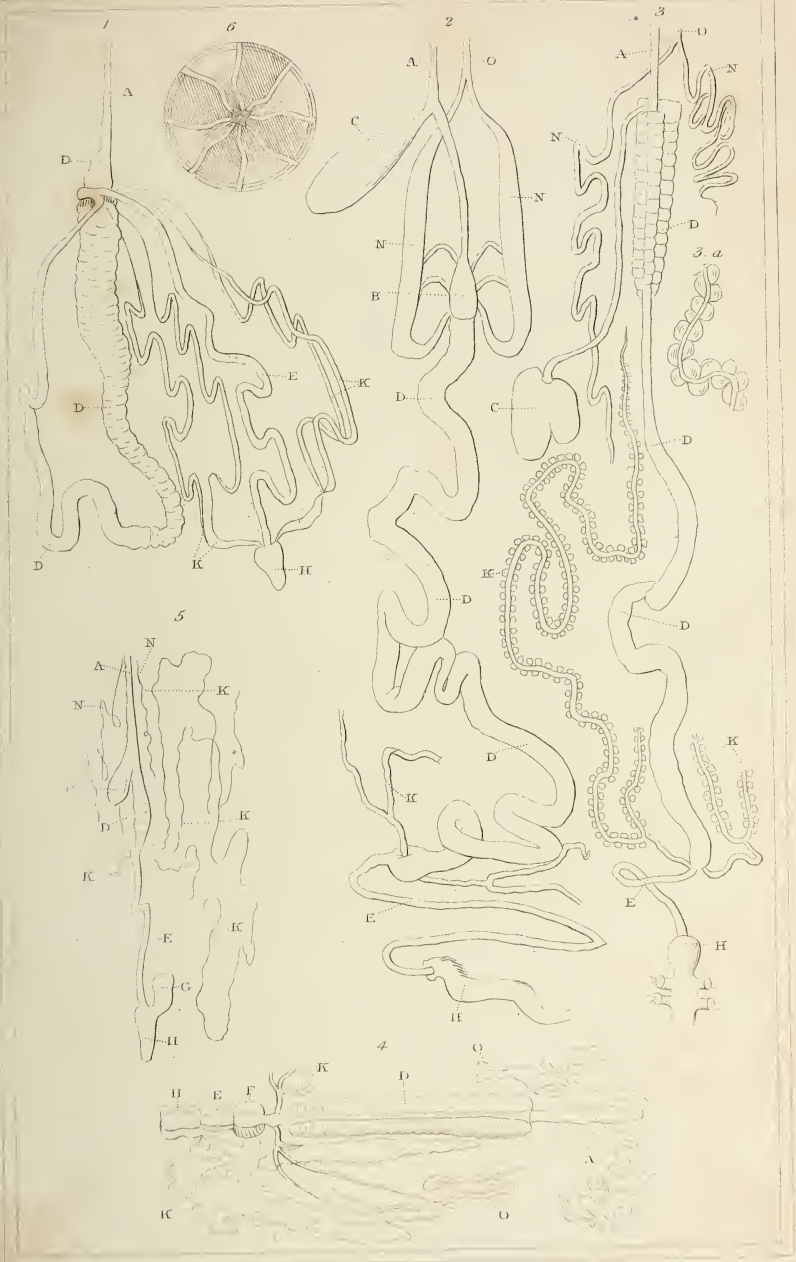
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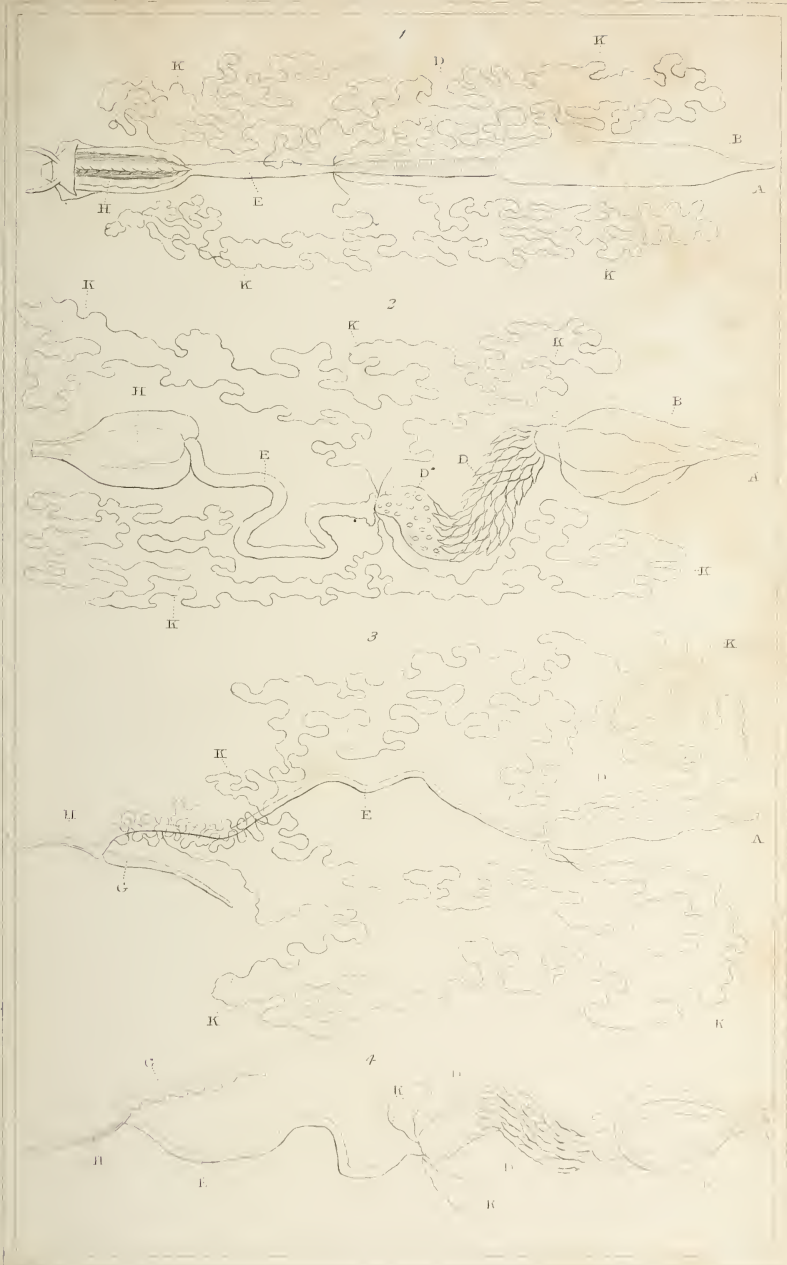
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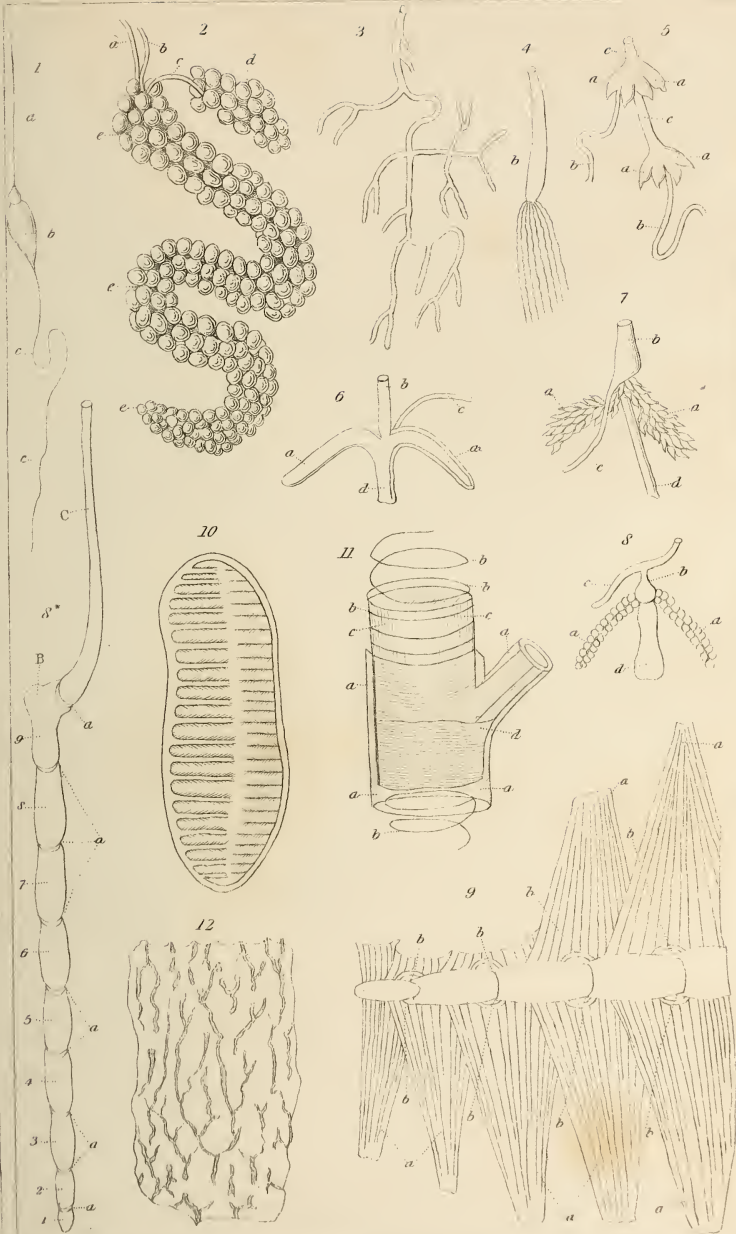
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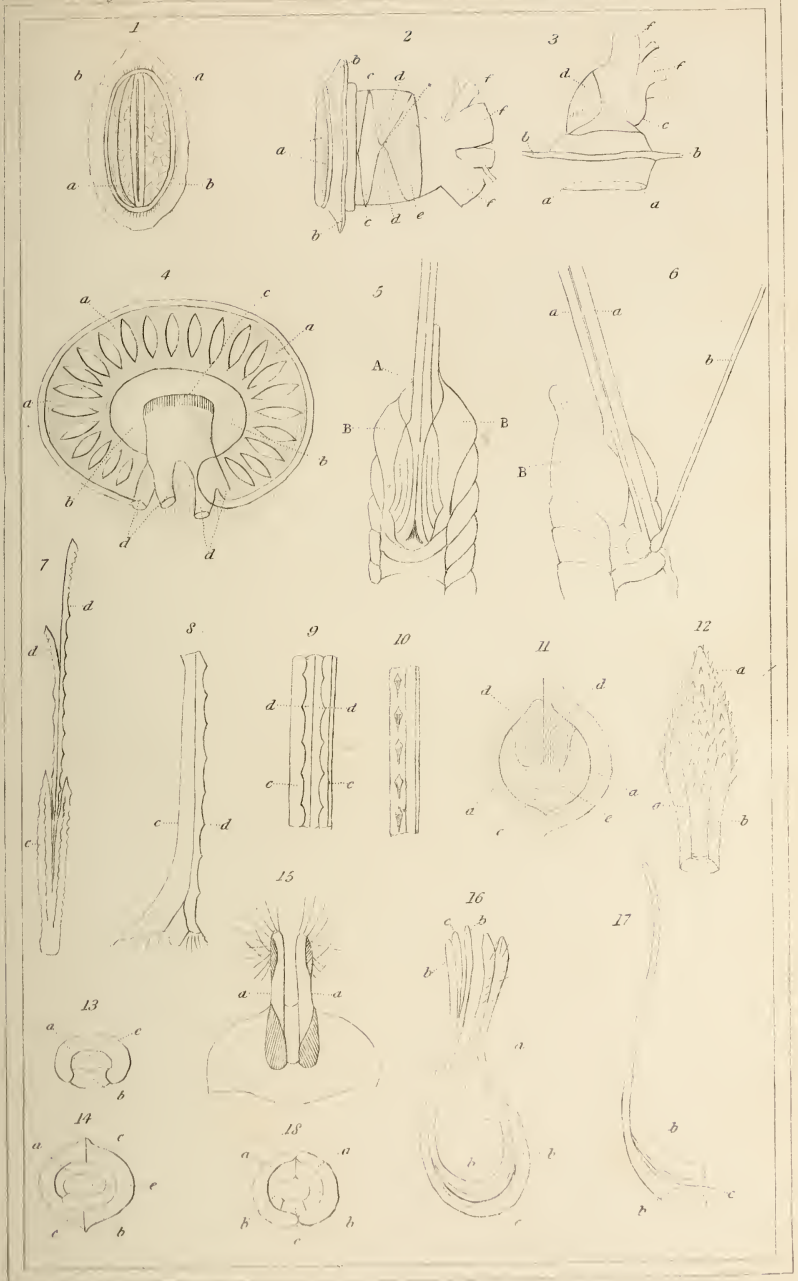
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Organs of Nutrition in Insects



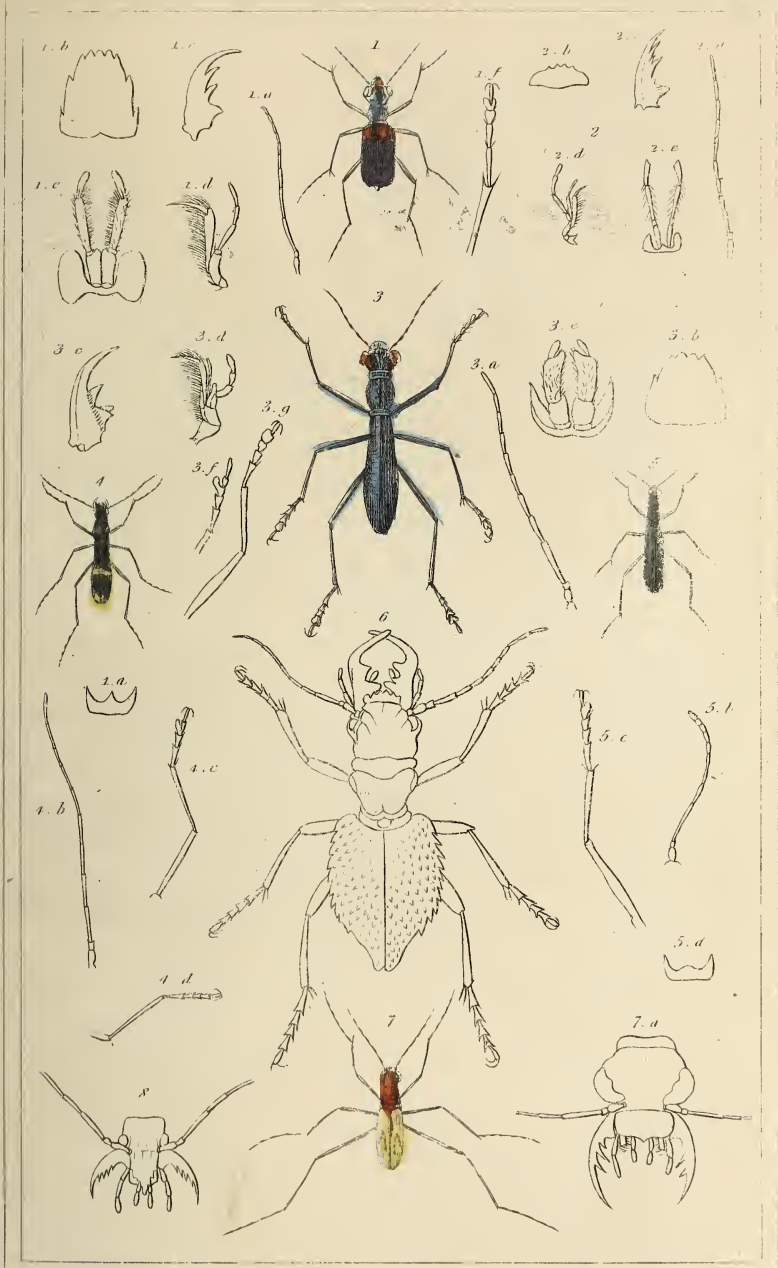
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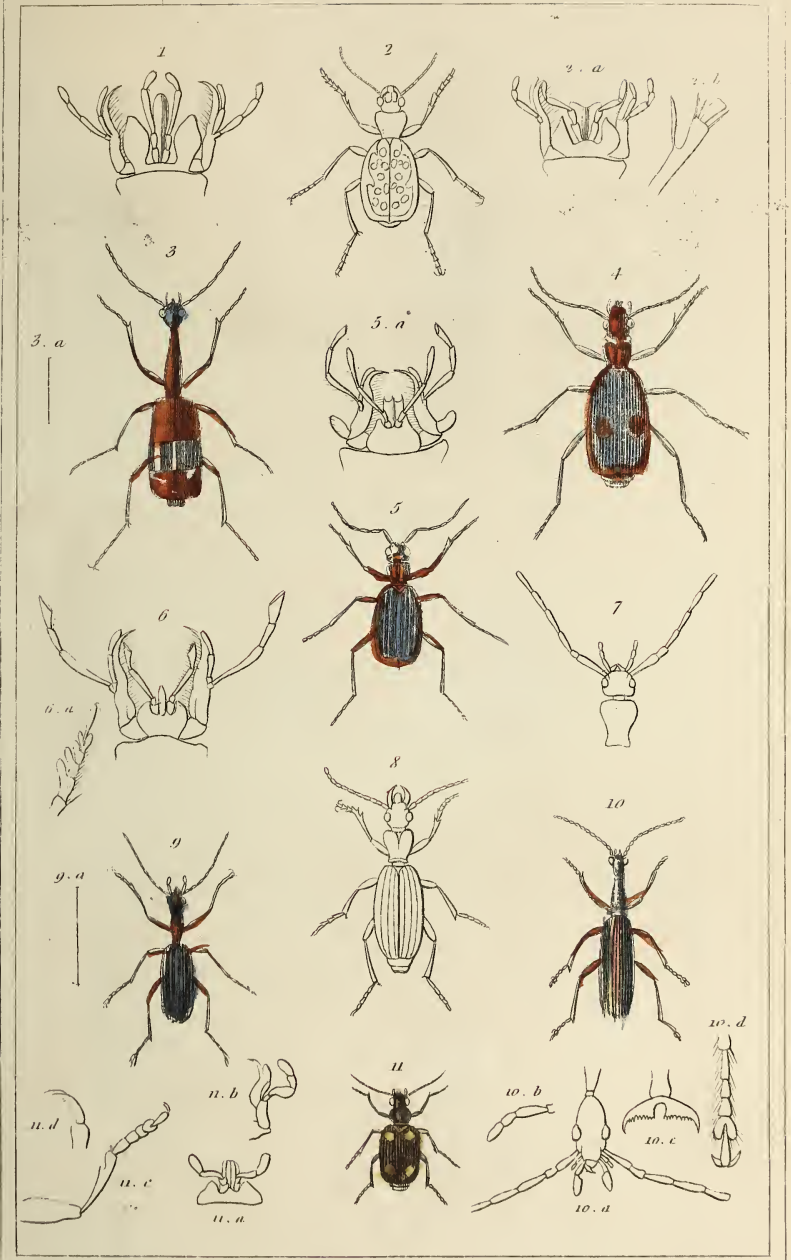
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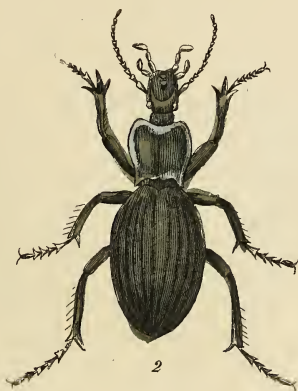
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1 *Pezomachus quadrimaculatus*.

3 *Eider hibernicus*.

5 *Ctenia hibernis*.

2 *Pamborus alternans*.

4 *Onthia subflavus*.

6 *Helluo costatus*.

7 *Lamia venosa*.

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1



2



3



4



7



5



6

1 *Colathid barbicornis* (The Horned Colathid) 2 *Buprestis scutellata* (The arched Buprestis)
 3 *Lucanus serricornis* (The serrated Lucanus) 4 *Cetonia bicornis* (The two horned Cetonia)
 5 *Hippa Marginata* (The Margined Chestnut Fly) 6 *Helaus perforata* (The perforated Helaus of New Holland)
 7 *Brentus Appendiculatus*



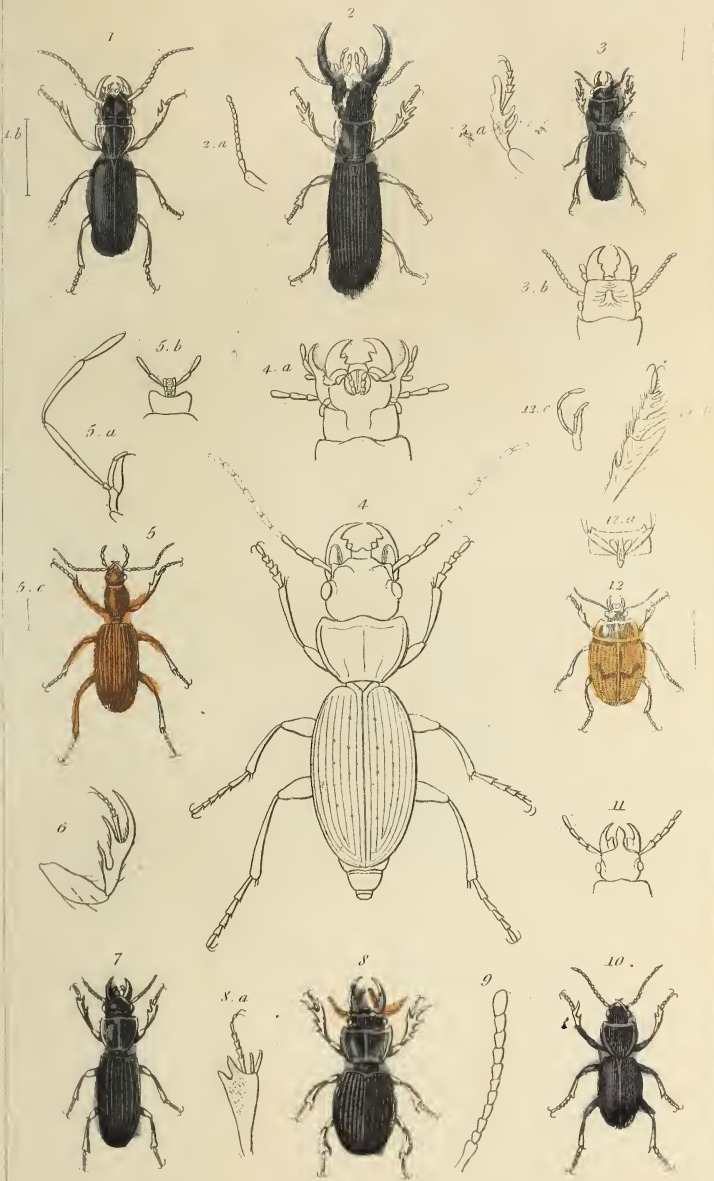
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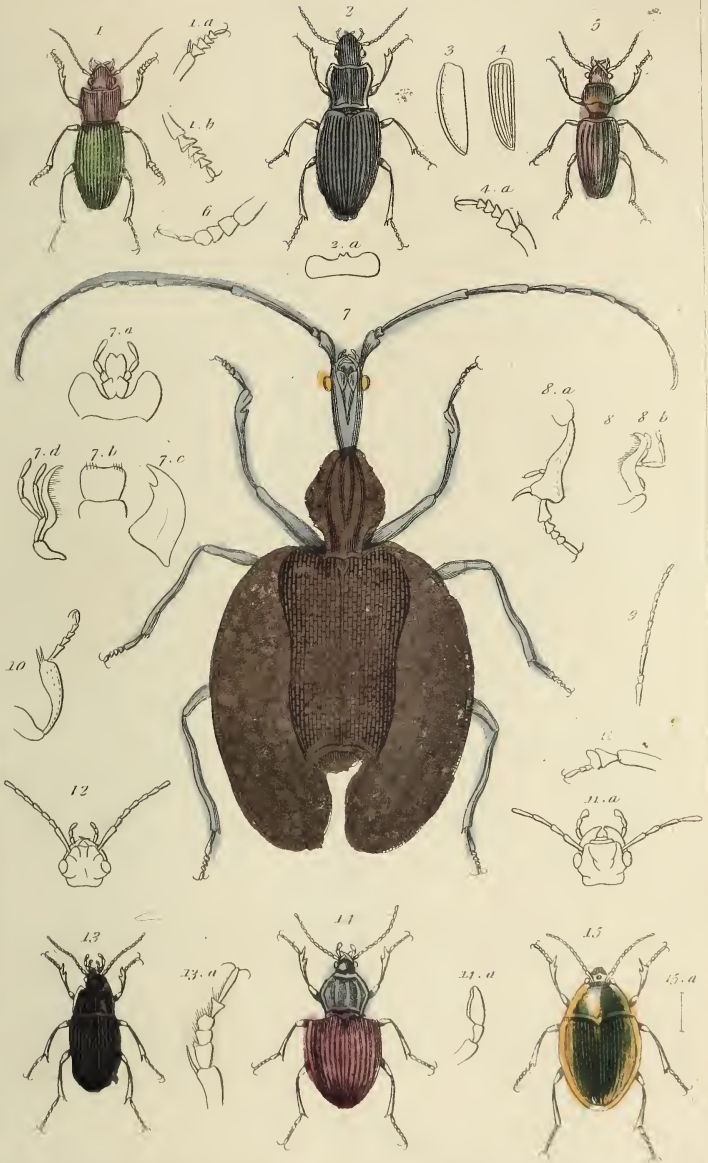
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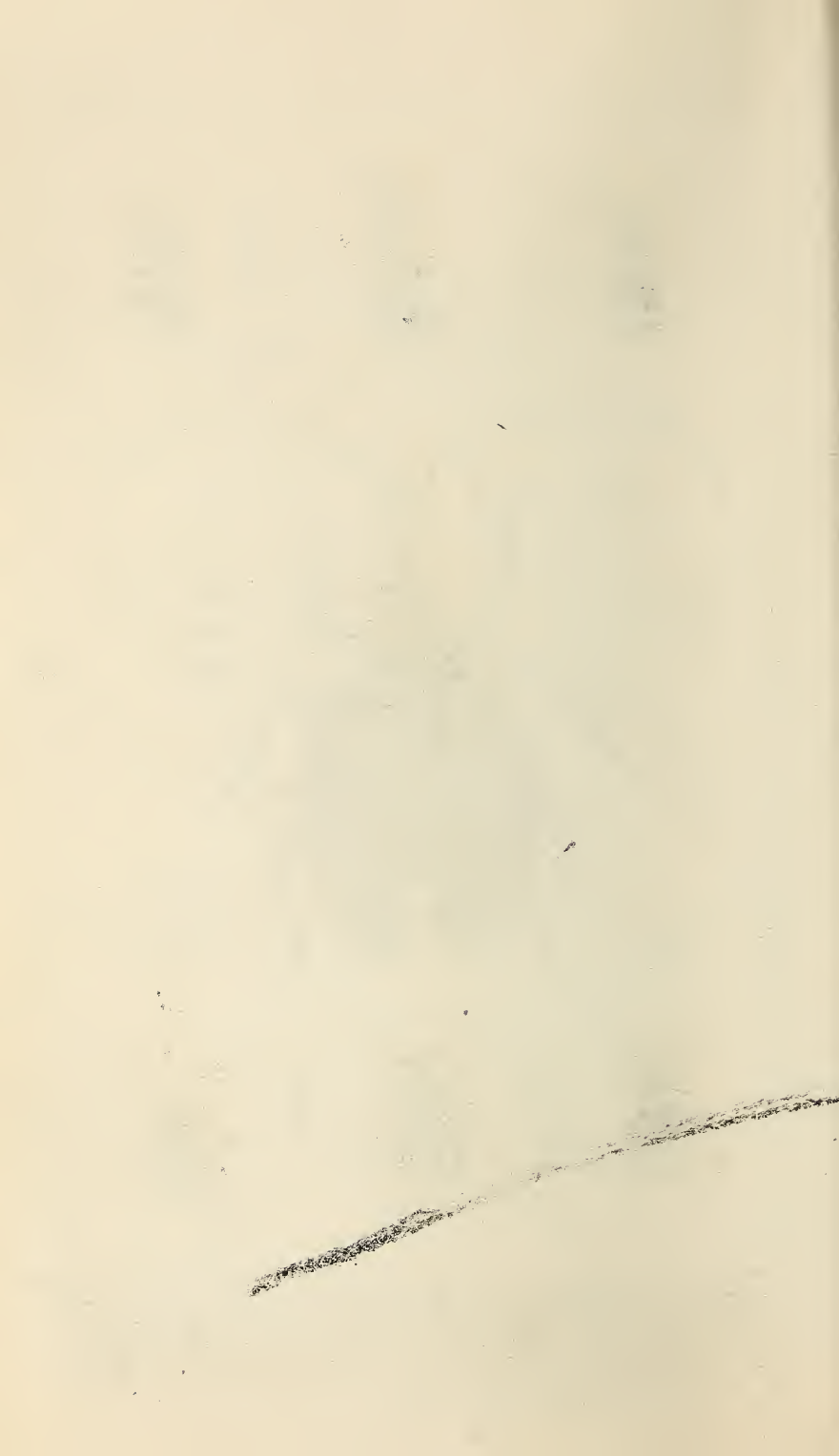
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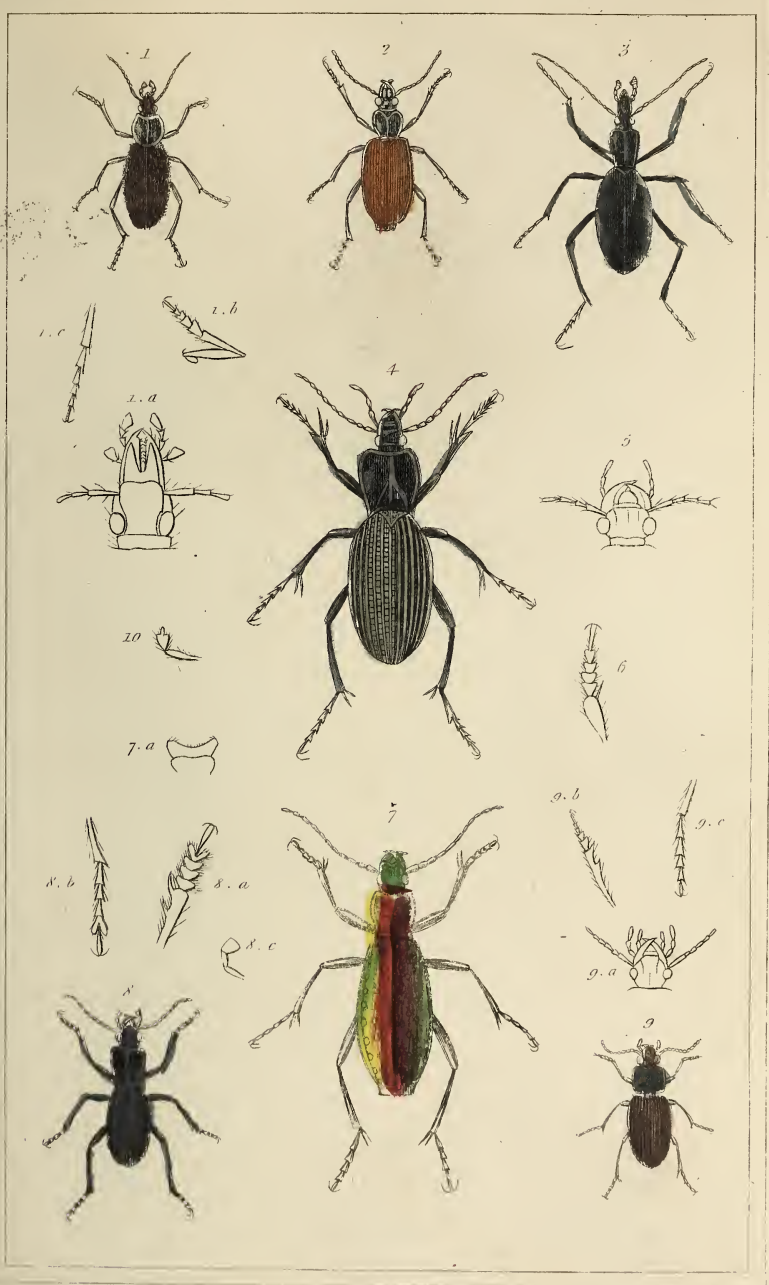


1. *Stagona Europaea*. Dej. 2. *Oxystomus Sameti-Milarii*. Lat. 3. *Scapterus Guenei* Dej. 4. *Euceladus giquae* Bon. 5. *Apotomus rufus*. Latr. 6. *Blinder foot of the Dischirius thoracicus*. Latr. 7. *Marin simplex*. Dej. & *Acanthocelis ruficornis*. Latr. 9. *Antenna of the Orzawa Rogerii*. Dej. 10. *Bitomus violaceus*. Latr. 11. *Head of the Bitomus calceolatus*. Latr. 12. *Cyclosemus flavicornis*. Latr.



1 *Harpalus tricolor*, Linn. 2. *Trigonotoma viridivollis*, Dej. 3. Elytra of the *Feronia navarica*, Latr. 4. Elytra & Tarsus of the *Feronia melanaria*, Lat. 5. *Cephalotes rufipes*, Lat. 6. Hindler Tarsus of the *Pachobus rufipes*, male. 7. *Mormolyce phyllodes*, Illus. 8. Hindler foot & Jaw of the *Zabrus gibbus*, Lat. 9. Antennae of the *Sphodrus terricola*, Lat. 10. Hindler foot of the *Feronia holtentota*, Lat. 11. Hindler Tarsus & foot of the *Lucanus agricola*, male. 12. Head of the *Lucanus pilicornis*, Latr. 13. Cynthin above, Lat. 14. *Panaeagus fulvipennis*, Lat. 15. *Omophron saturalis*, Linn.

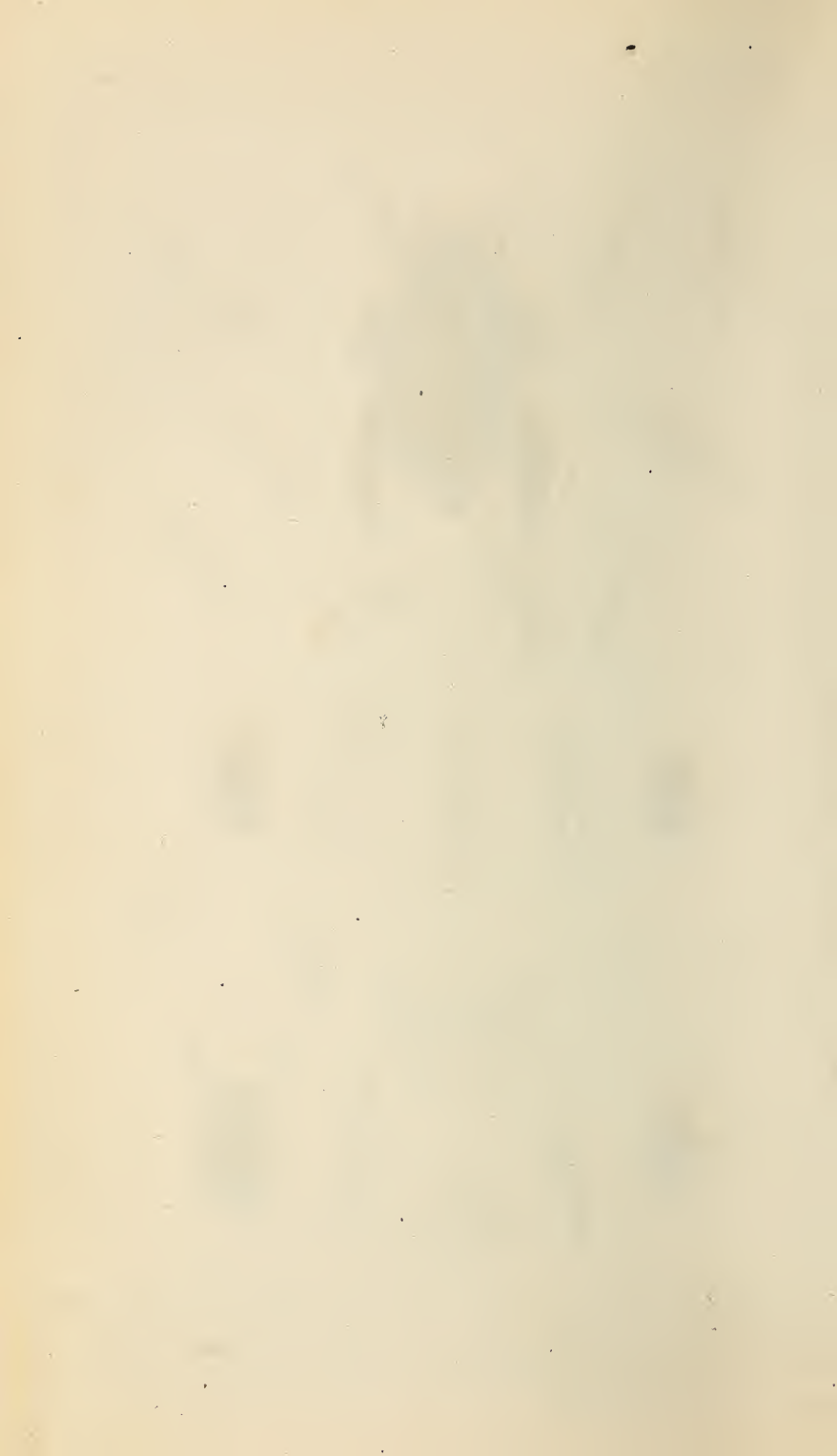




1. *Sphaeroderus nitidicollis*, Chevrol. 2. *Calosoma rufipenne*, Dej. 3. *Cychrus italicus*, Bonelli. 4. *Pamborus alternans*, Lat. 5. Head of the Pogonophorus. 6. Hind Tarsus of the Pelophila. 7. *Carabus rutilans*, Lat. 8. *Pelecinus cyanipes*, Kirby. 9. *Masoreus lucatus*, Dej. 10. Palpi of the principal Bembidion.



1 *Belostomatidae* 2 *Belostomatidae* 3 Hind foot of the *Belostomatidae* 4 Hind foot of the *Belostomatidae* 5 *Belostomatidae* 6 *Belostomatidae* 7 *Belostomatidae* 8 *Belostomatidae*





1. *Dytiscus laticornis*, Chev. 2. *Dytiscus serricornis*, Payk. 3. *Hinder foot of the Colymbetes.* 4. *Hinder foot of the Hydrophilus plumosus*, Latr. 5. *Hygrobia Hermannii* Latr. 6. *Noterus crassicornis* Clairv. 7. *Haliphus chrytatus.* 8. *Gyrrinus sulcatus*, Dej.

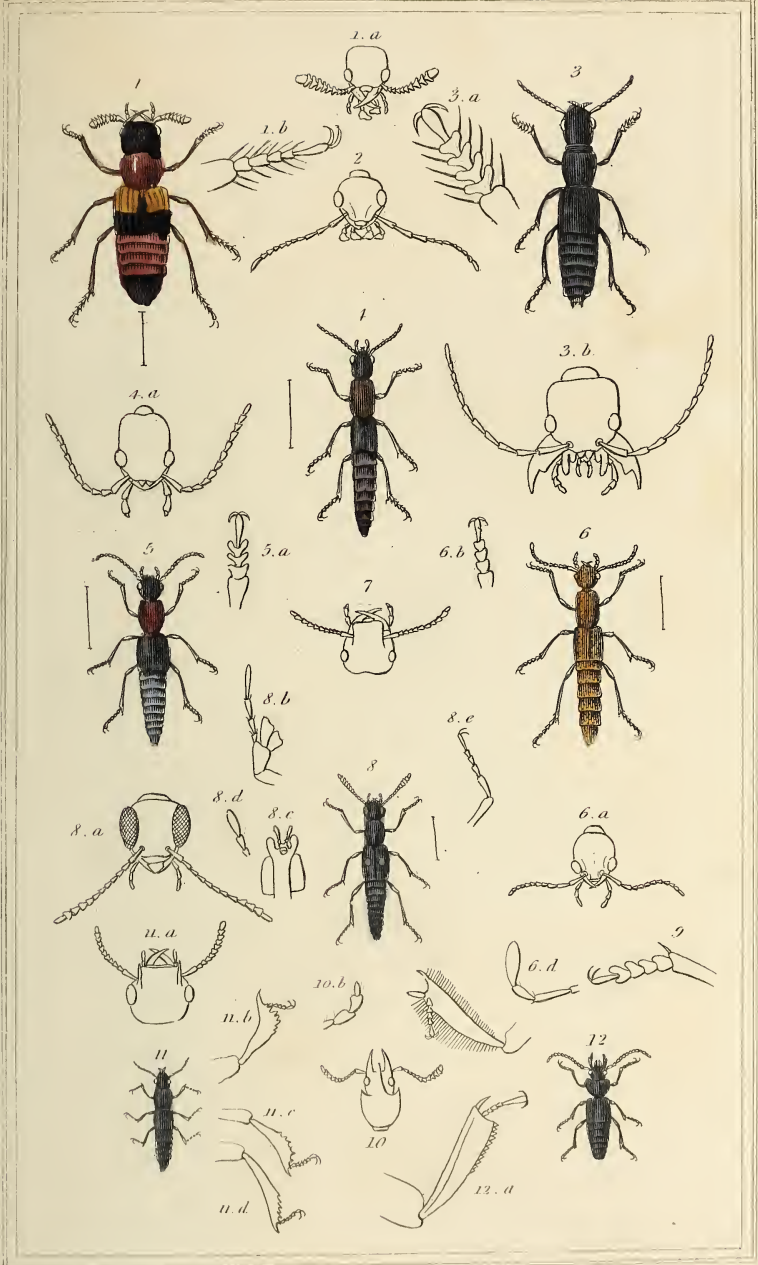


Organs of Generation in Insects

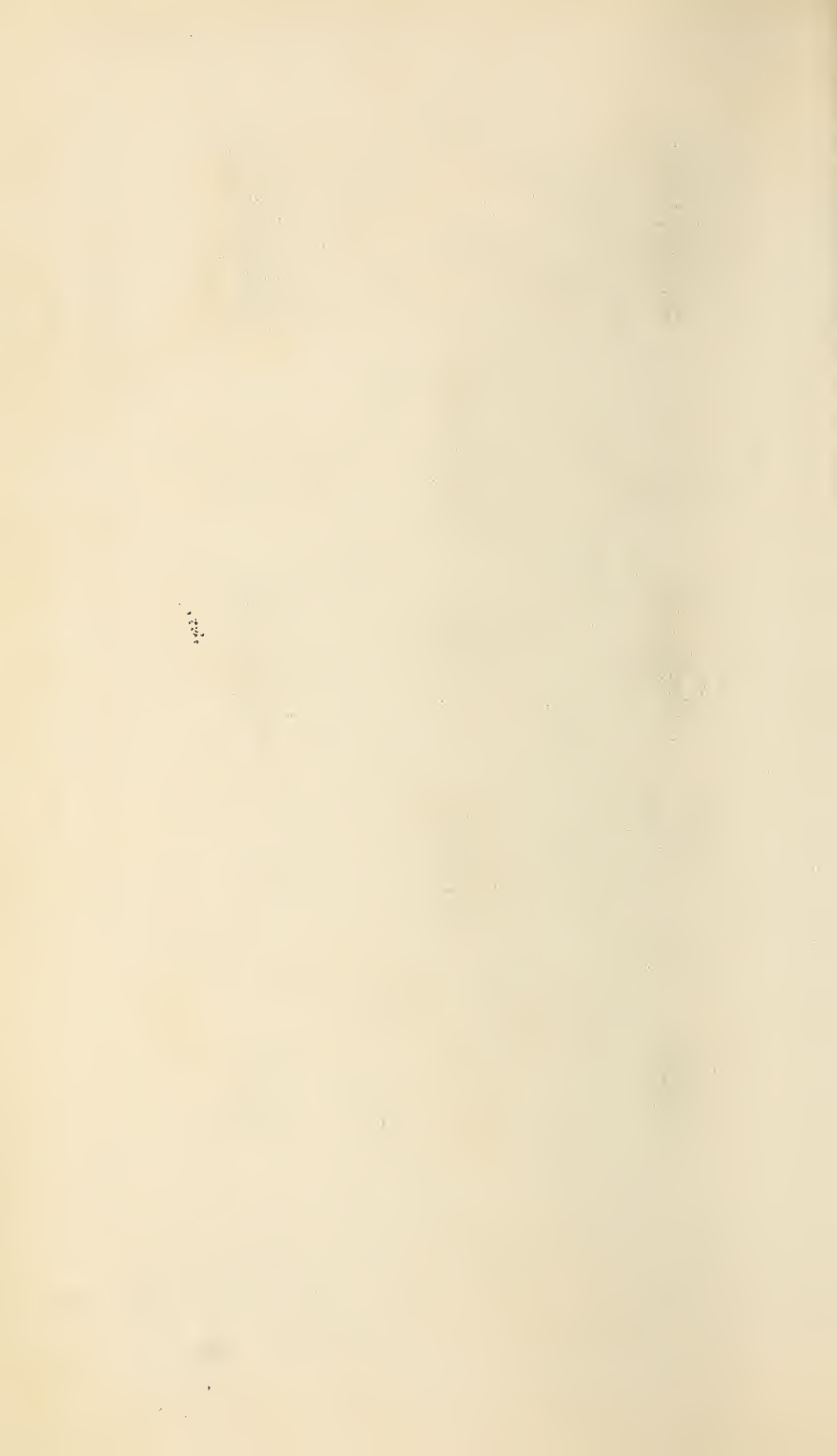
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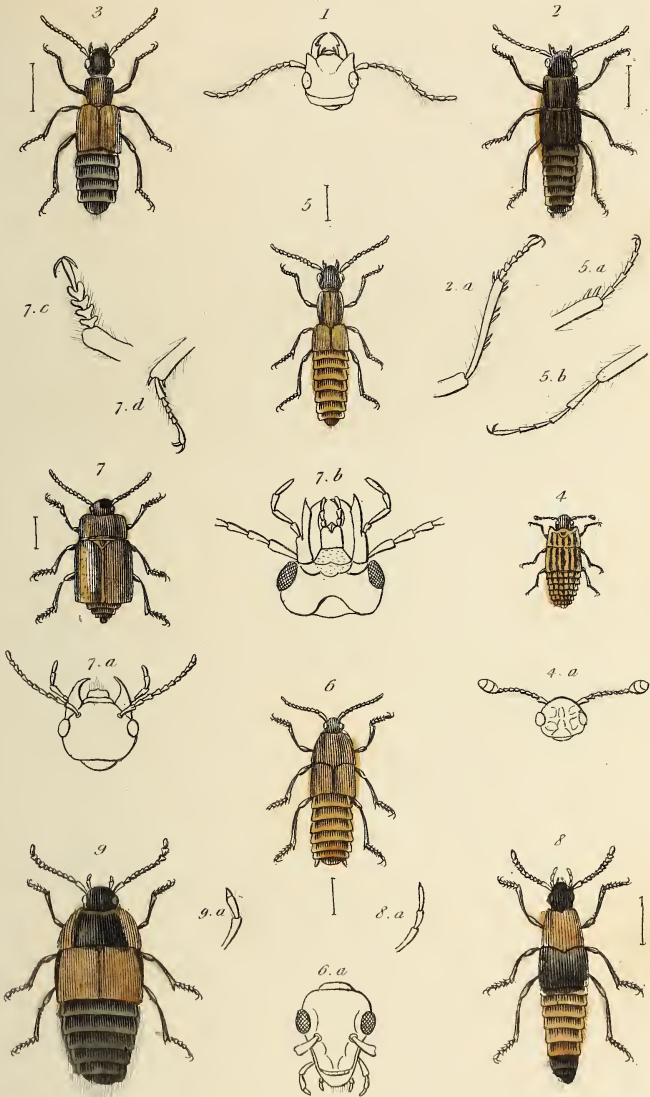


Organs of generation in Insects.

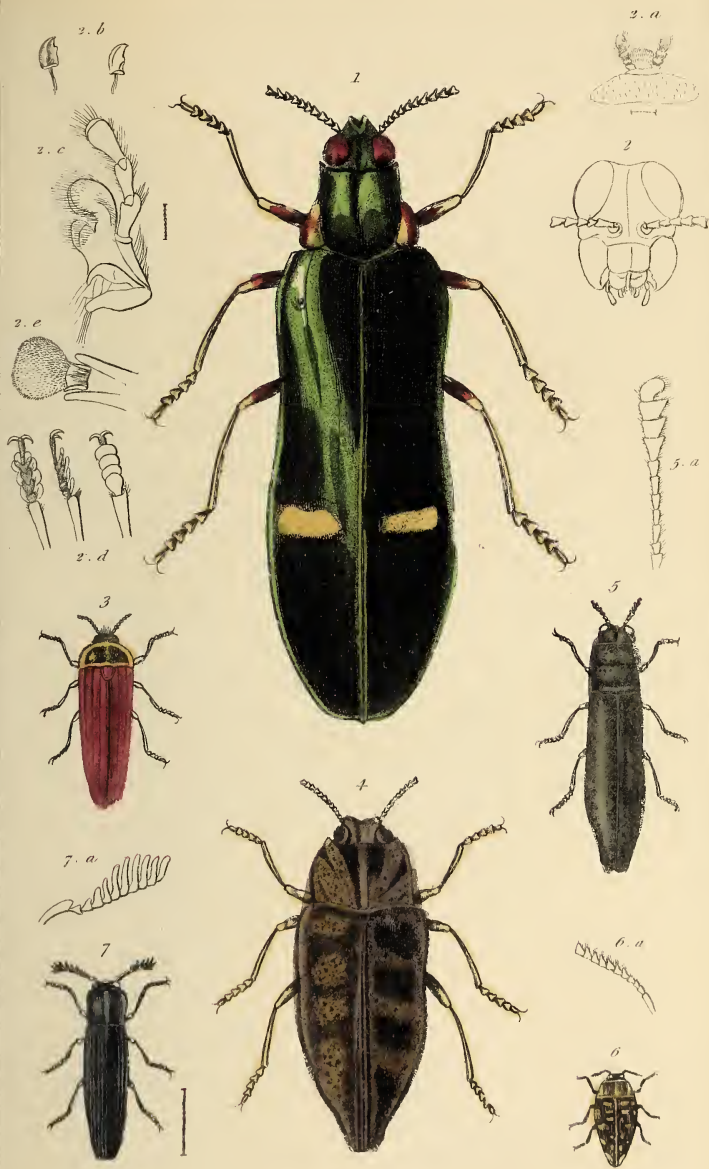


1. *Oxyperus rufus*, Lin. 2. Head of the *Astraperus ulivivens* Oliv. 3. *Staphylinus tutarius*, Esq. 4. *Lathrobium elongatum*, Lin. 5. *Paederus ruficollis*, Fab. 6. *Prociurus Lejeburi*, Lat. 7. Head of the *Evaesthetus*. 8. *Stenus longitarsis*, Lin. 9. Anterior Tarsus of the *Stenus*. 10. *Oxytelus truncatus*, Fab. 11. *Oxorus brasiliensis*, Guér. 12. *Zyrophorus striatus*, Koch.





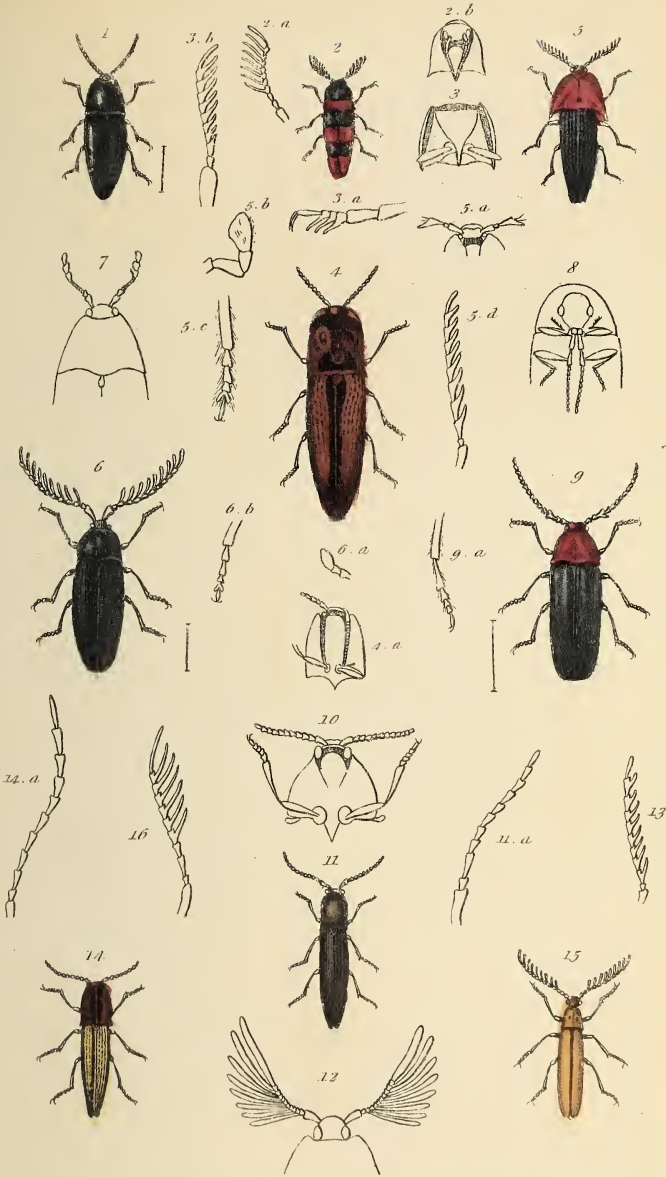
1 Head of the *Prognatha ratipenne*. Lat. 2 *Coprophilus rugosus*. Grav. 3 *Testera dichroa*. Latr.
 4 *Microprepus mallei*. Dej. 5 *Mecochara canaliculata*. Fab. 6 *Lamechusa parvula*. Grav.
 7 *Onalium blattoides* Grav. 8 *Tachinus atricapillus* Fab. 9 *Tachiporus marginatus* Grav.



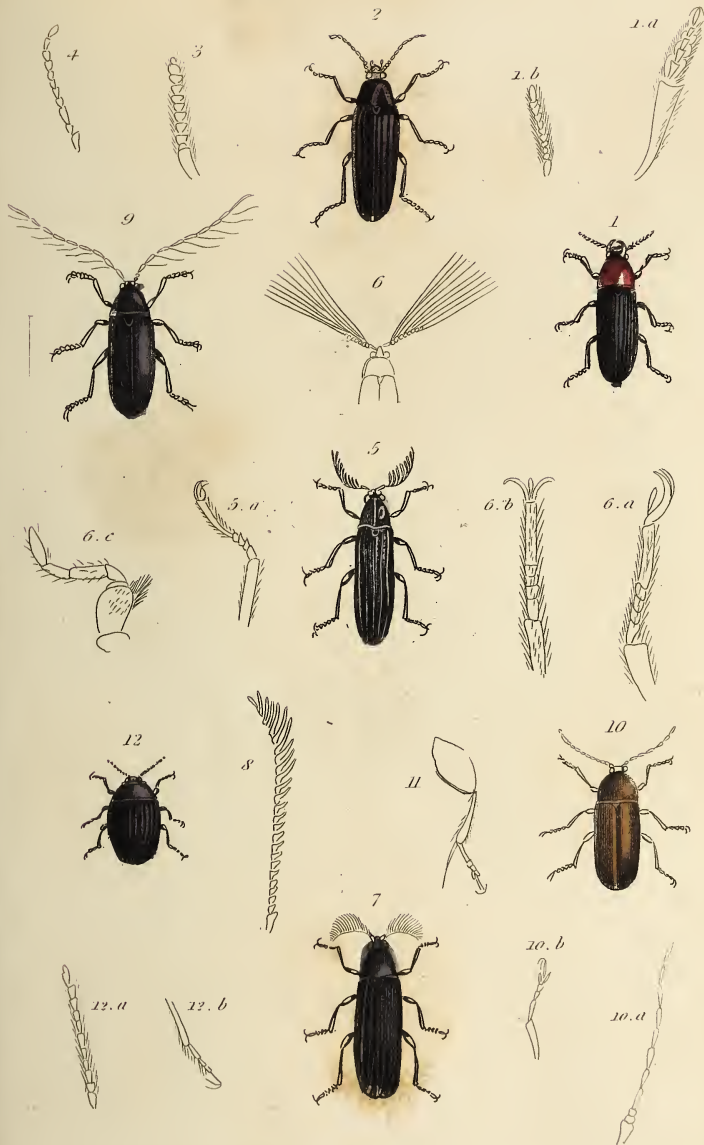
1 *Buprestis bicolor* Lat. 2 Anatomy of the *Buprestis gigas* Fab. 3 *Buprestis rubripennis* Vier.

4 *Buprestis Lalandi* Guér. 5 *Aphanisticus emarginatus* Lat. 6 *Trachys eruentata* Fab.

7 *Melasis buprestoides* Oliv.

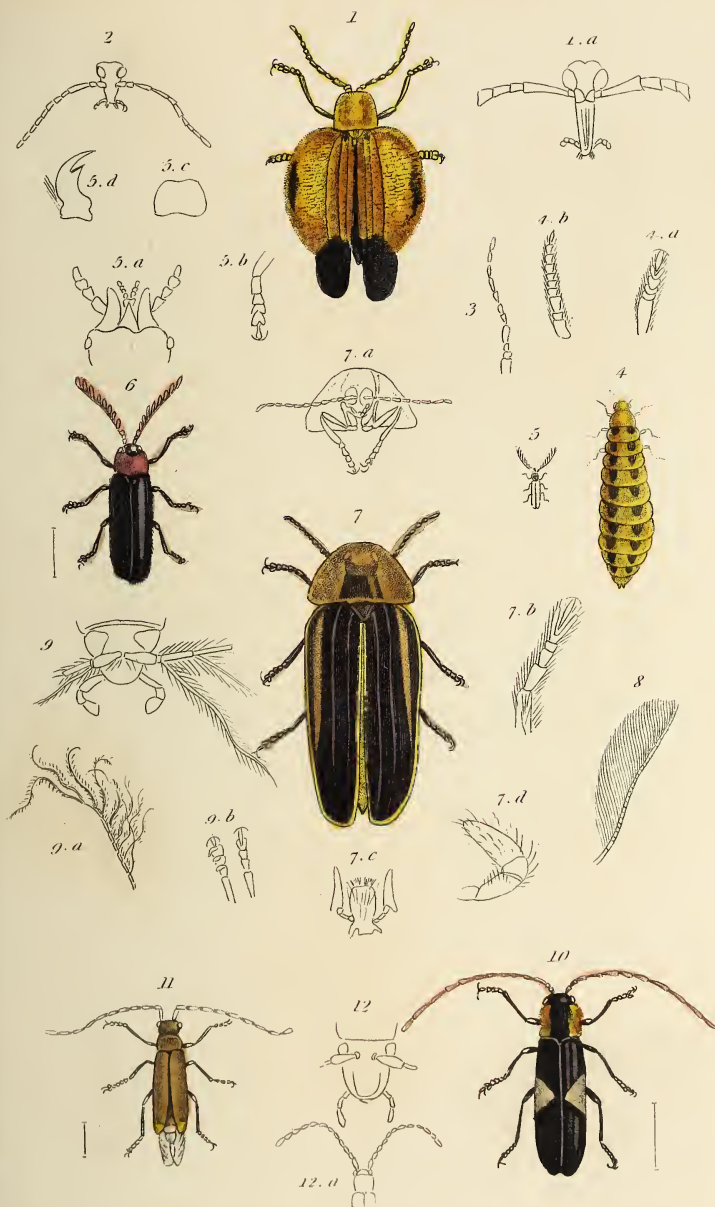


1. *Enicmus capucinus* Muir. 2. *Pterotarsus histrio* Latr. 3. Anatomical details of the *Gathumarmota* Guér. 4. *Adelocera rhubanni* Guér. 5. *Echyderes ruficollis* Guér. 6. *Cerophytum dateroides* Latr. 7. *Throscus dermestoides* Latr. 8. *Uchlovarum sulcatum* Latr. 9. *Cryptostoma denticoxus* Fabr. 10. Head & corselet of the *Lobaterus monilicornis* Guér. 11. *Nematodes filum* Latr. 12. Head of the *Hemirhapus phellivorus* Latr. 13. Antenna of the *Ctenocera hennati* Guér. 14. *Elater fuscatus* Germ. 15. *Campylus huthiellii* Thérck. 16. Antenna of the *Phyllocerus flavipennis* Hg.

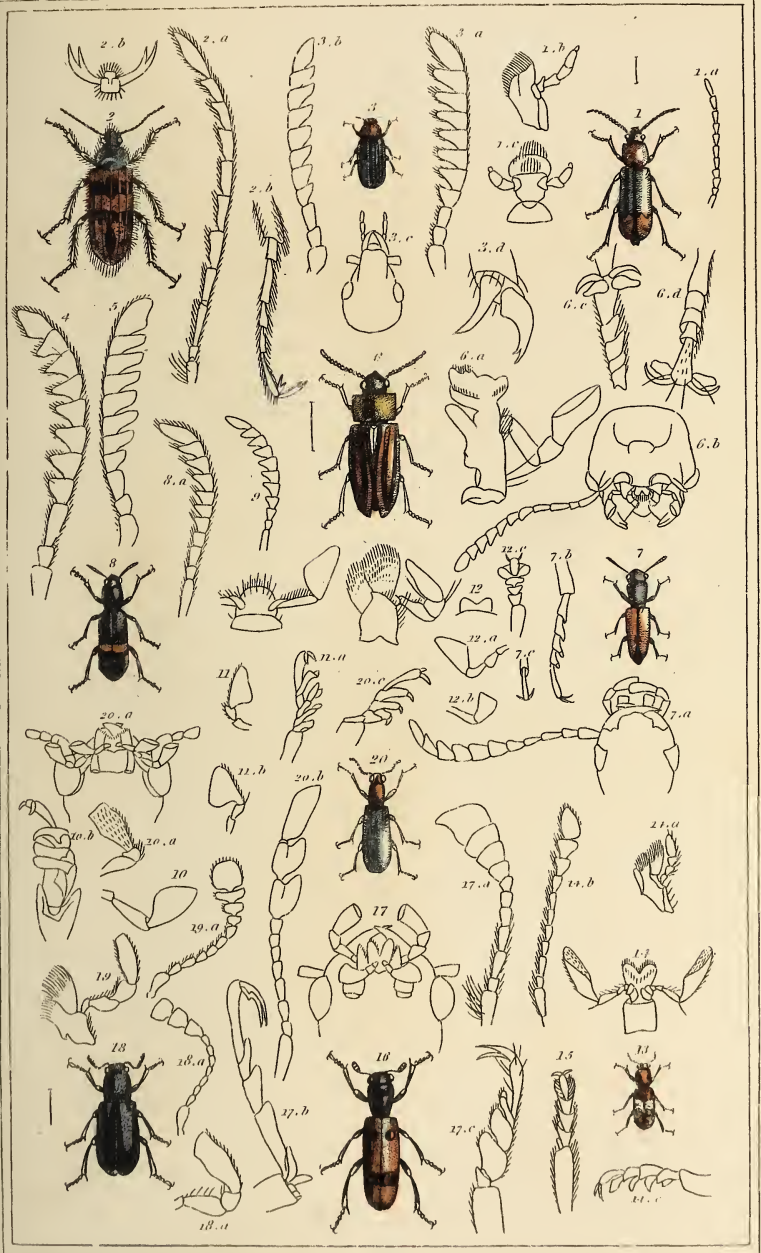


1. *Physodactylus Hemmingii*, Fisch. 2. *Cebrio fuscus*, Gory. 3. Antenna of the *Cebrio gigas*, fem. 4. Antenna of the *Anelastes Druxi*, Kirby. 5. *Callilipis Goryi*, Guerin. 6. Anatomical details of the *Callilipis Dejournii* Latr. 7. *Rhipiceera cyanica*, Guér. 8. Antenna of the *Rhipiceera*, fem. 9. *Philodactyla elaterina* Illig. 10. *Elodes pallidus*, Lat. 11. Under foot of the *Scyrtes*. 12. *Eubria palustris*, Germ.

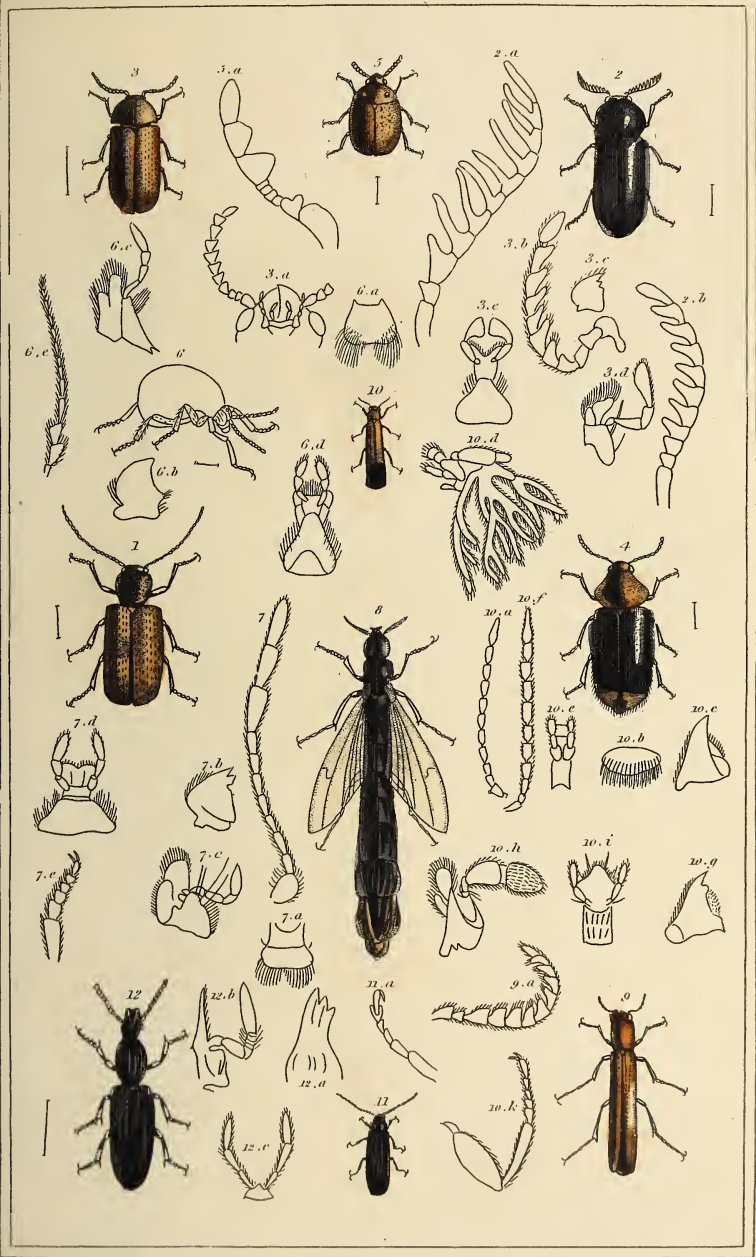




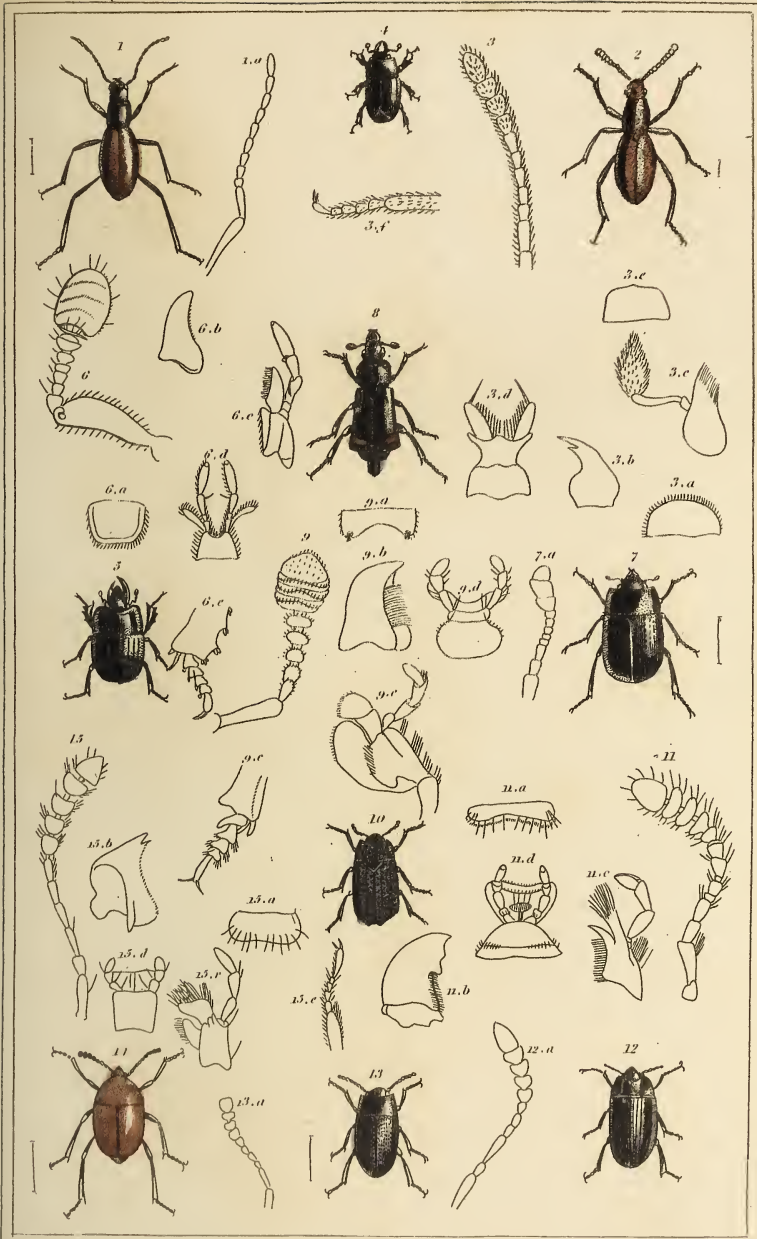
1. *Lyceus latissimus*, Fab. 2. Head of the *Dietyoptera sanguinea*, Latr. 3. Antenna of the *Onchalis sativalis*, Geoff. 4. *Drilus flavescens*, Geoff. 5. male of the same species as fig. four. 6. *Drilus ruficollis*, Dej. 7. *Lampyrus Savignyi*, Kirby. 8. Antenna of the *Amysdetes*, Hoff. 9. Anatomical details of the *Cladophorus ruficollis*, Guér. 10. *Silus tricolor*, Guér. 11. *Meloboris biguttatus*, Oliv. 12. Anatomical details of the *Cardylocera antennata*, Guér.



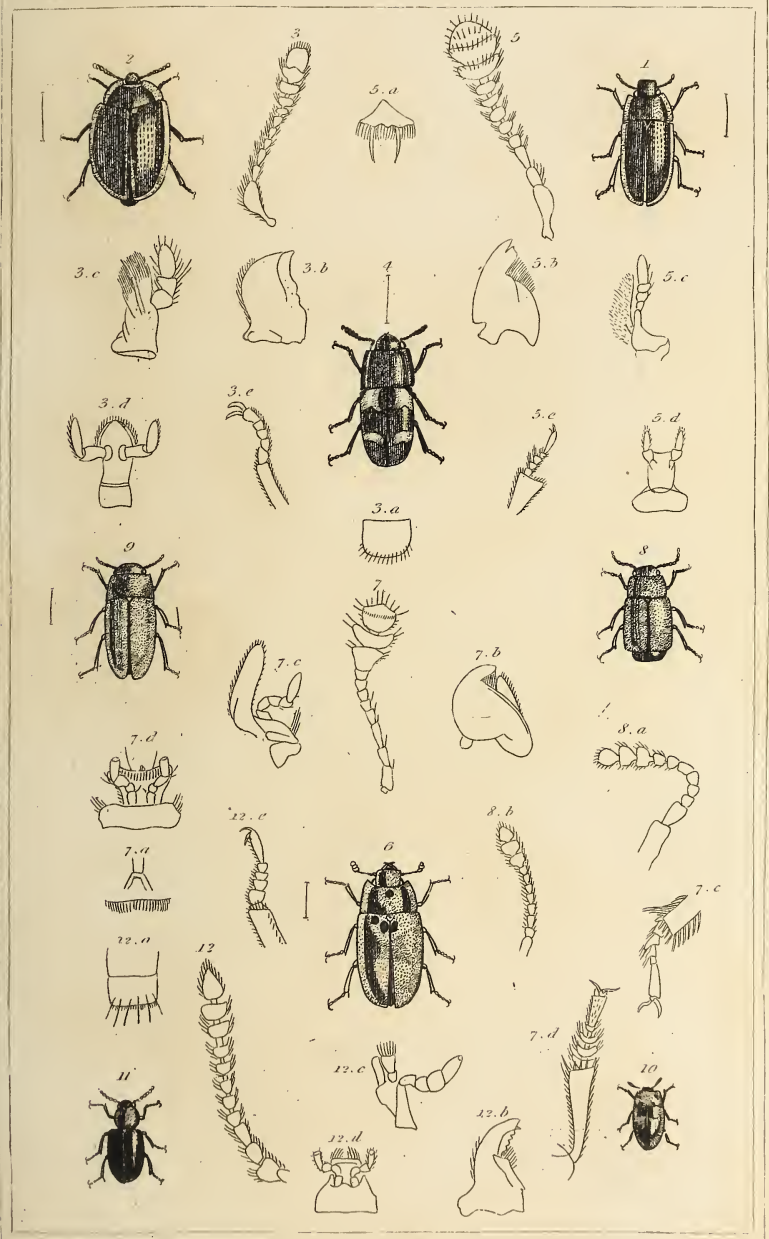
1. *Malachius ruficollis*, Fab. 2. *Dasytes trifasciatus*, Guér. 3. *Zygia oblonga*, F. 4. *Melyris variis*.
 5. *Melyris abdominalis*, F. 6. *Pelecophora nigrolineata*, Guér. 7. *Cyhdrus Buqueti*, Guér. 8. *Tillus rubricollis*, Guér. 9. *Tillus infasciatus*, F. 10. *Proceera*. 11. *Axiama*. 12. *Eurypus*. 13. *Thamasimus banyceinus*, Chev. 14. *Thamasimus ferrugineus*, F. 15. *Opilo*. 16. *Cleus Phytici*, Chev. 17. *Cleus Alveorus*, F. 18. *Necombia violacea*, L. 19. *Necobryticollis*, F. 20. *Enoplimum viridipenne*, Kirby.



1. *Pitinus italicus*, Chev. 2. *Pitilinus serraticornis*, Chev. 3. *Xyletinus pallens* Stev. 3. b, a, c. Anatomical details of the *Xyletinus pectinatus* Lab. 4. *Ochina sanguinicollis* Scel. 5. *Dorcotoma rubens* Chev. 6. *Gibbium scoticus* Chev. 7. Anatomical details of the *Anobium pertinax* L. 8. *Attractocerus nictareoides* Guér. 9. *Hylecoetus Javanus*, Chev. 10. *Ismexylum navale* Chev. 11. *Cupes capitatus* F. 12. *Physodes costatus* Chev.



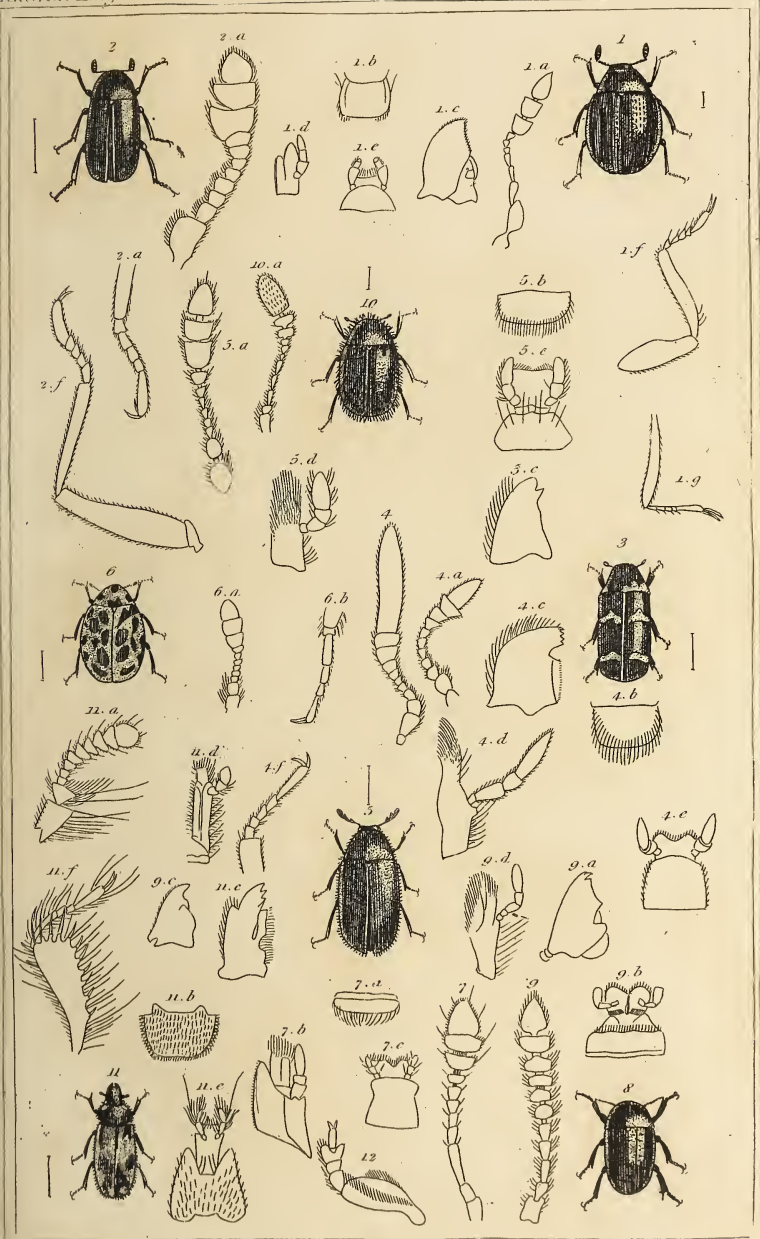
1. *Mastigus fuscus*, Hbn. 2. *Seydmanus helwegii* Var. lat. 3. Anatomical details of the *Seydmanus hirticollis* Gyl. 4. *Holopta y dentata* F. 5. *Hister mandibularis* Chev. 6. Anatomical details of the *Hister y maculatus* L. 7. *Sphaerite glabrata* F. 8. *Necrophorus maritimus* Eschsch. 9. *Necrophorus germanicus* L. 10. *Silpha granulata* Chev. 11. *Necrodes littoralis* L. 12. *Necrophilus hydrophiloides* Eschsch. 13. *Agytes castaneus* F. 14. *Scaphidium nigripes* Chev. 15. *Scaphidium y maculatum* Gyl.



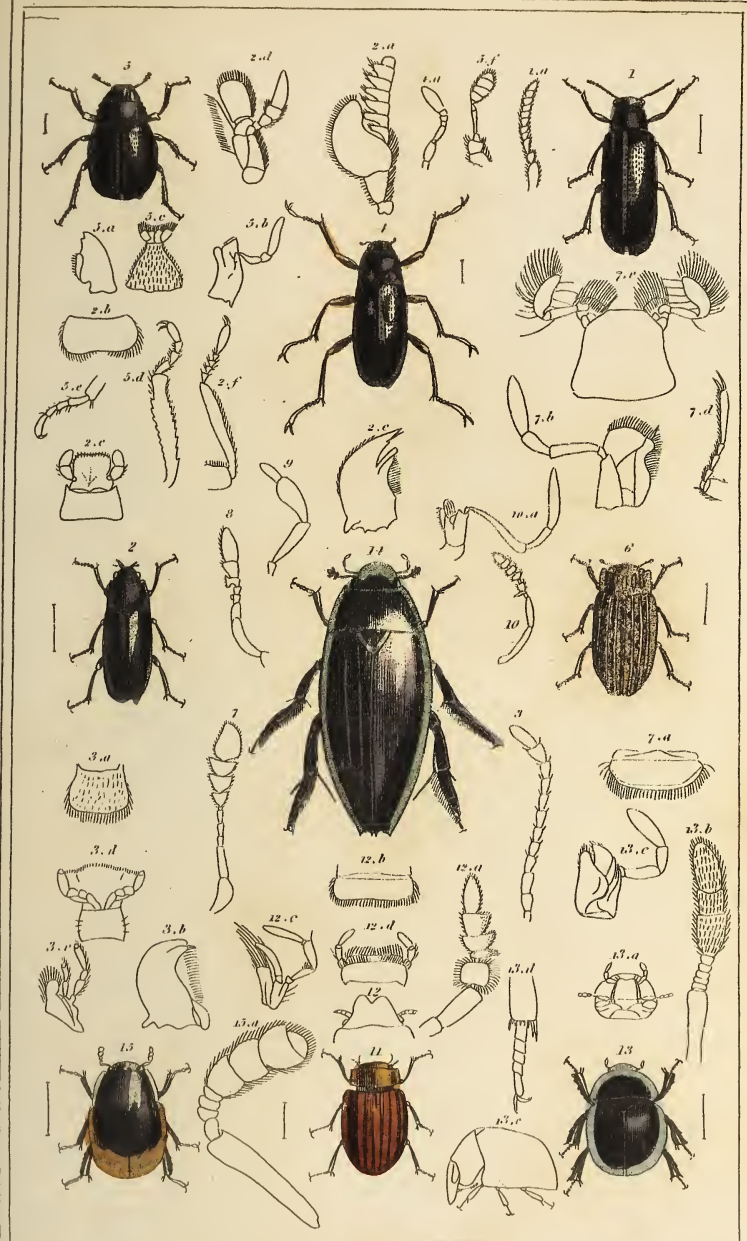
1. *Colobinus marginatus*. Lat. 2. *Thymalus marginicollis*. Chev. 3. Anatomical details of the *Thymalus limbatus*. F. 4. *Ips fasciata*. Chev. 5. Anatomical details of the *Ips punctata*. Hebst. 6. *Nitidula peruviana*. Guér. 7. Anatomical details of the *Nitidula imperialis*. F. 8. *Cercus pubicarius*.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

London: G. Henderson, 7, Old Bailey.

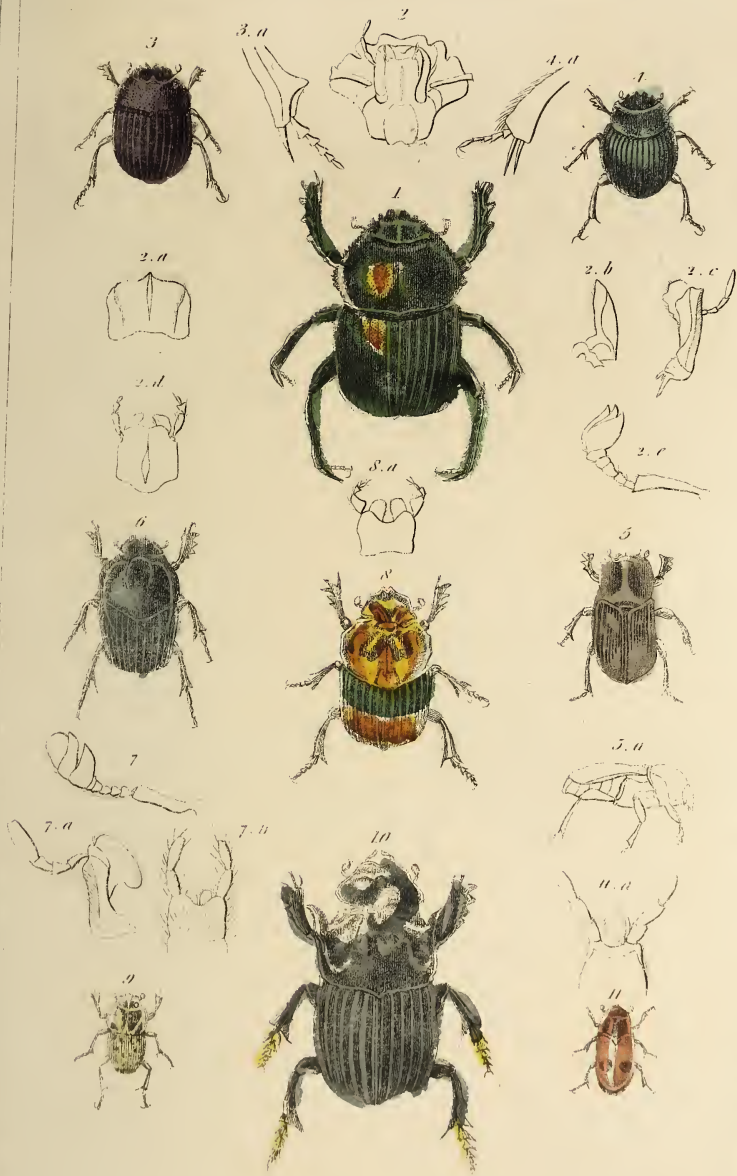




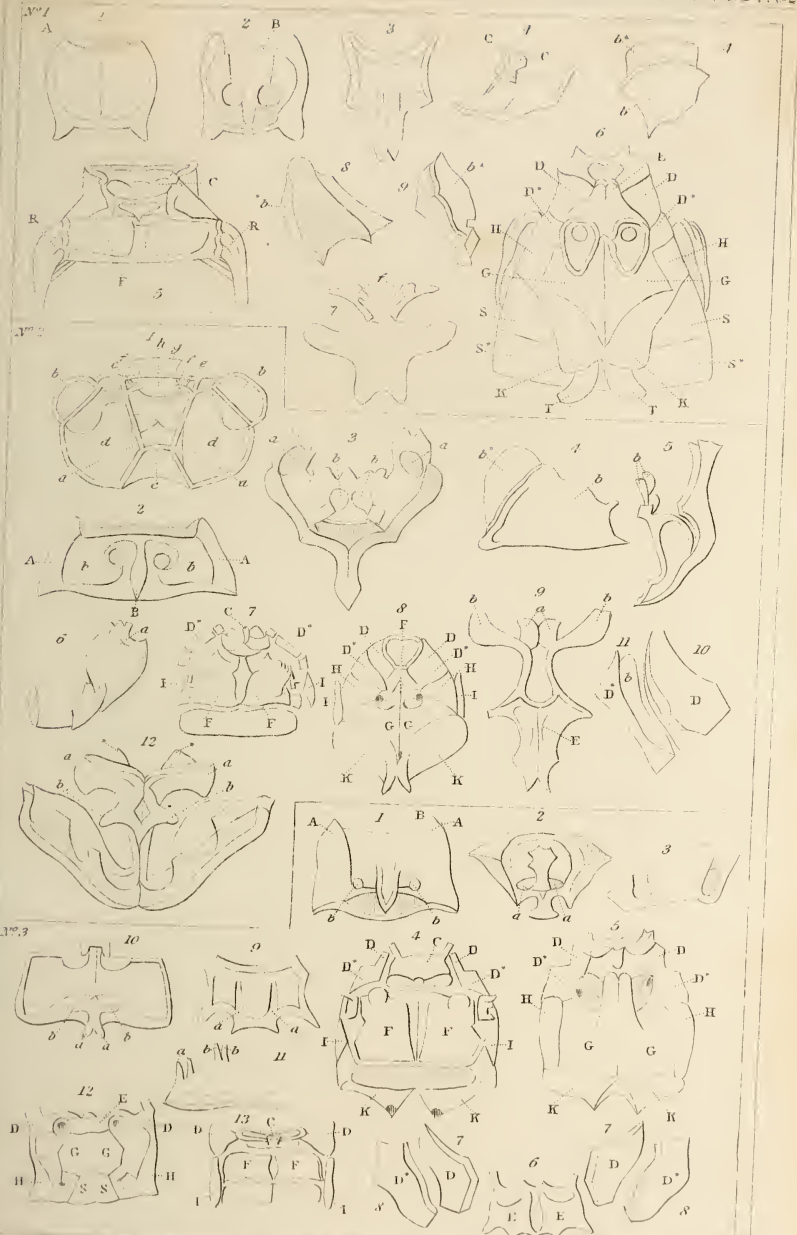
1 *Aspidiphorus orbiculatus*. Lyl. 2. *Dermostes carnivorus*. Eab. 3. *Megatoma umbata*. Lat. 4. Anatomical details of the *Megatoma trifasciata*. F. 5. *Attagenus serra*. F. 6. *Anthrenus capensis*. F. 7. Anatomical details of the *Nosodendron fasciculare*. Cl. 8. *Byrrhus alpinus*. Gory. 9. Anatomical details of the *Byrrhus Dennisi*. Kirh. 10. *Trinodes hirtus*. F. 11. *Heterocerus marginatus*. Eab. 12. *Byrrhus concolor*. Sturm.



1. *Putanophilus orientalis*. Gory. 2. *Dryops pubiflavicornis*. Fab. 3. Anatomical details of the *Elmus Velsknavi*. Bau. 4. *Macronychus r tuberculatus*. Mbl. 5. *Geurissus populeus*. Lat. 6. *Elophorus umbilicus* Fab. 7. Anatomical details of the *Elophorus fannius*. Fieb. 8. Antenna of the *Hydrophilus elongatus*. Fab. 9. Elphi of the *Ochthebius hyperboreus*. Mnt. 10. Anatomical details of the *Hydrophilus testacea*. Mnt. 11. *Spercheus subcylindricus*. Gory. 12. Anatomical details of the *Spercheus emarginatus*. Fab. 13. *Glabaria nitida*. Fieb. 14. *Hydrophilus spinipennis*. Gory. 15. *Sphoridium dimidiatum*. Gory.

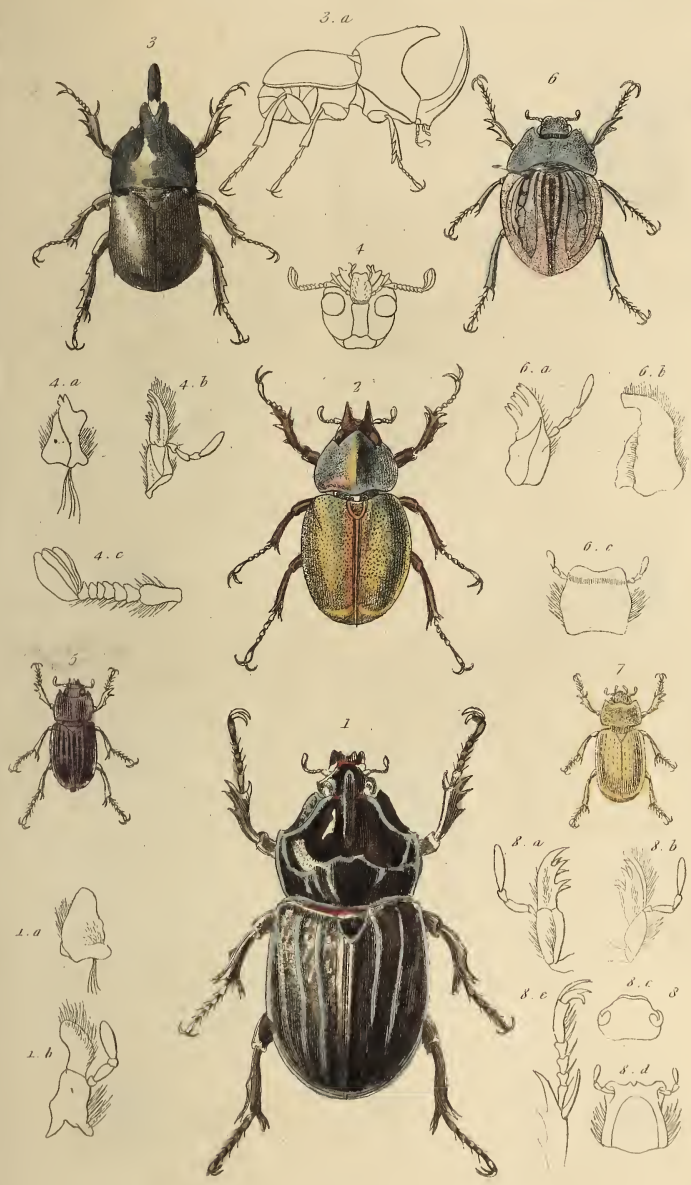


1. *Ateuchus dasypterus* Latr. 2. Anatomical details of the *Ateuchus sacer* Latr. 3. *Circellium hemisphericum* Latr. 4. *Coprobates vicinis* Latr. 5. *Emystermus fuscus* Latr. 6. *Ontophagus vacca* Latr. 7. Anatomical details of the *Ontophagus vacca* Latr. 8. *Phaenus imperator* Latr. 9. *Dactylis ferrugineus* Chev. 10. *Copris bellator* Chev. 11. *Aphodius bipunctatus* Fab.

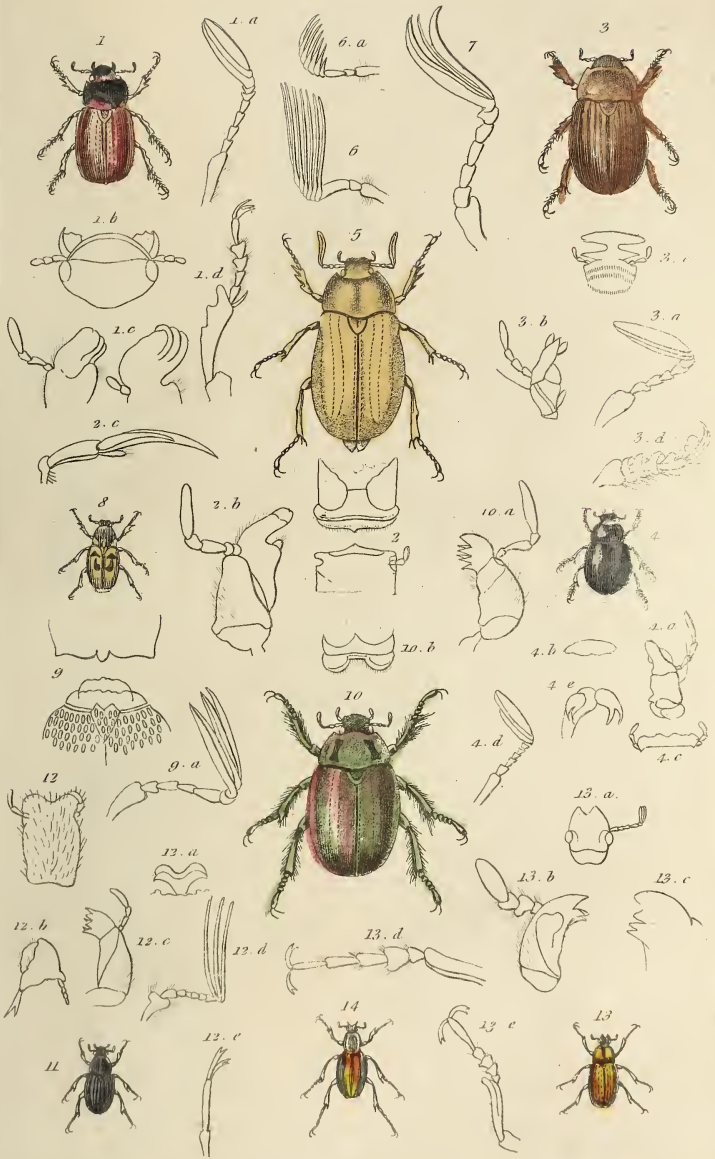


Organs of Motion in Insects.



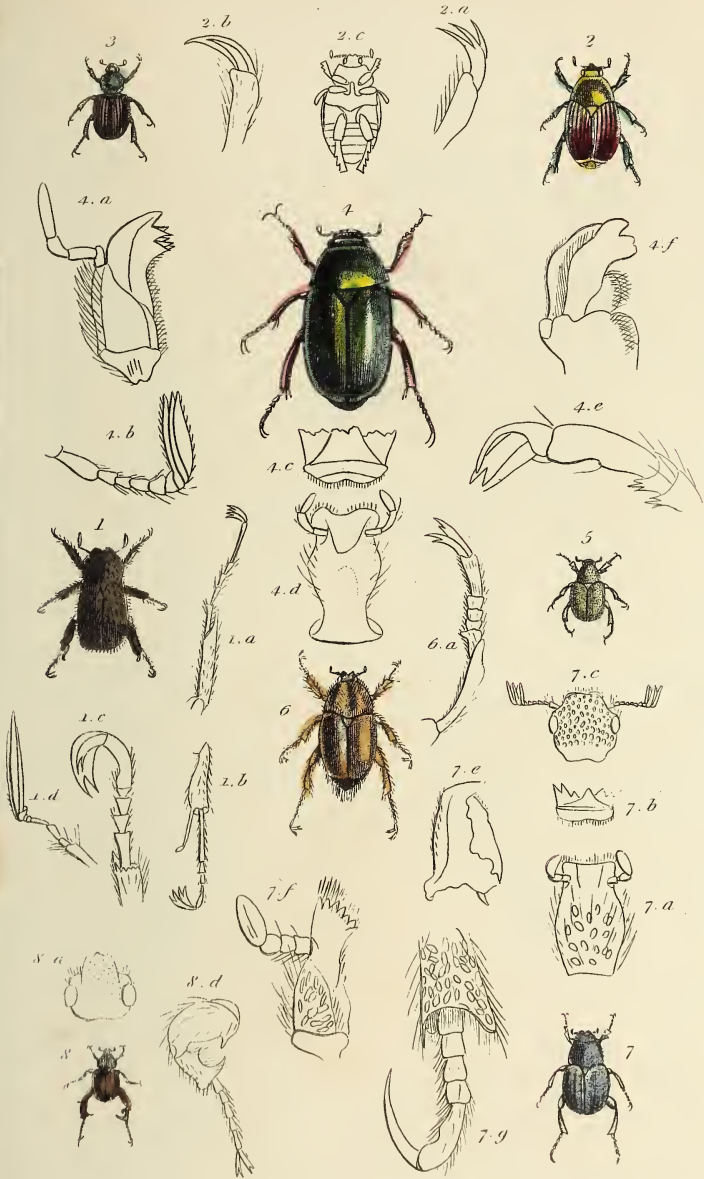


1 *Oryctes Chevrolatii*, Guér. 2. *Agaecephala furcata*, Guér. 3. *Scarabaeus unicolor*, Guér. 4. Anatomical details of the *Scarabaeus gedeon*, Fabr. 5. *Phileurus eribatus*, Chev. 6. *Hexodon reticulatus*, Olivier. 7. *Cyclocephala frontalis*, Chev. 8. Anatomical details of the *Cyclocephala geminata*, Fabr.



1 *Leucothyrens nitidicollis*, Guér. 2 Anatomical details of the *Anoplognathus Latreillei*, Sch. 3 *Goniatex barbatus* Kirby. 4 *Apogonia gemellata* Kirby. 5 *Melolontha flavida* Gory. 6 Antennae of the *Melolontha vulgaris* s. 7. 7. Antennae of the *Blisotrogus pini* Latr. 8 *Ceraspis decora* Gory. 9 Anatomical details of the *Ceraspis ulhida* Serv. 10 *Arcada kirbyi*, Mac. Leoy. 11 *Sericus flavimana* Gory. 12 Anatomical details of the *Sericus variabilis* Lat. 13 *Diphucephala furcata*, Guér. 14 *Macrodaetylus saturalis*, Chev.

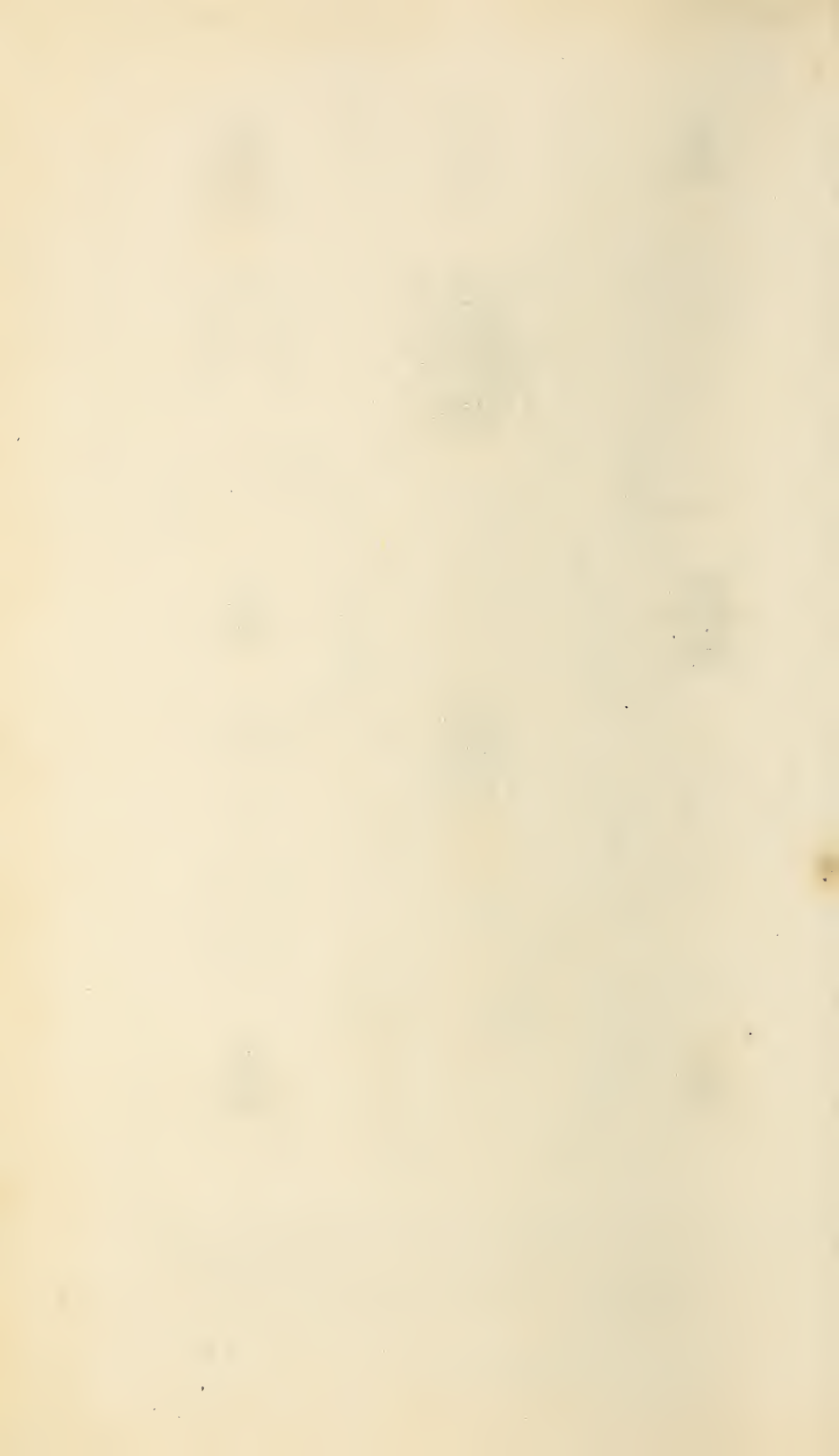


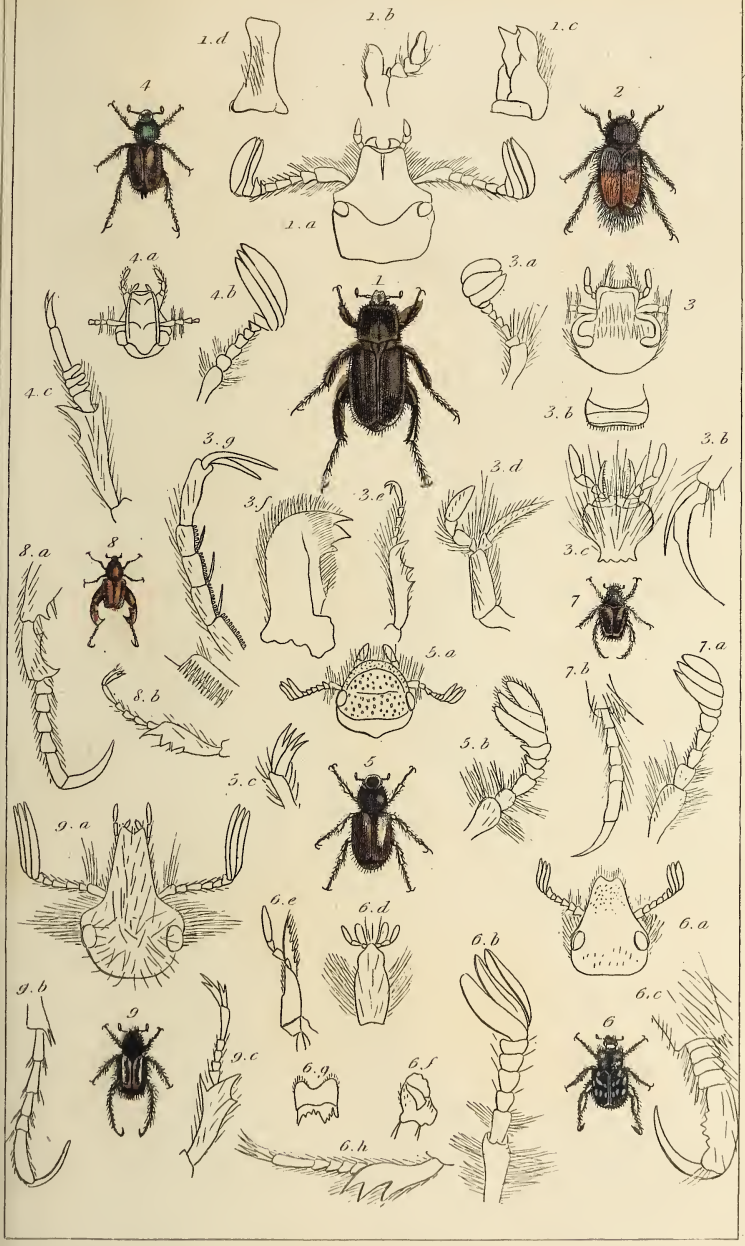


1. *Plectris tomentosa* Lep. & Serv. 2. *Popilia vitticollis* Gory. 3. *Anisoplia saturata* Gær.

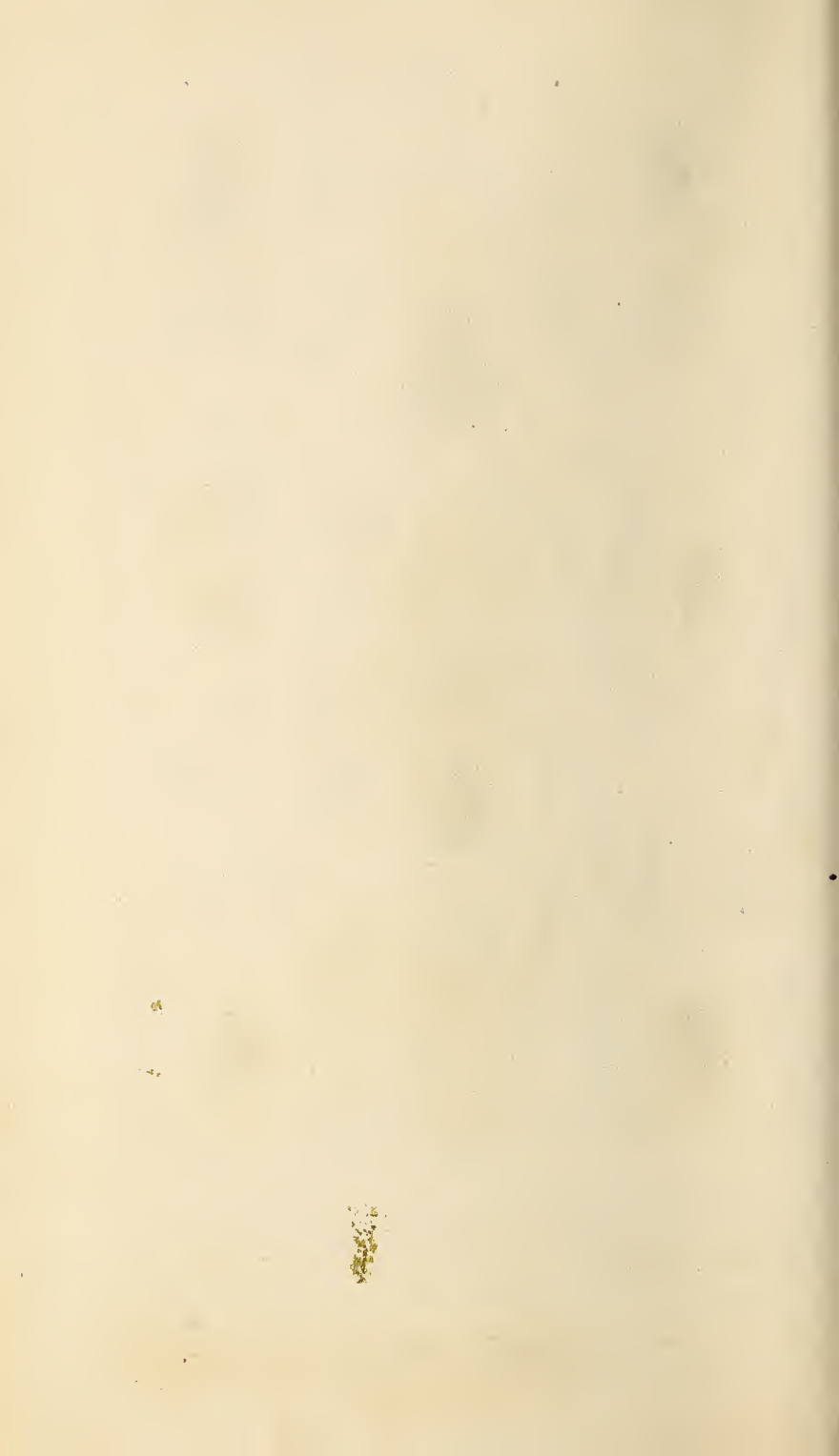
4. *Euchlora viridana* Gær. 5. *Lepisia ruficollis* Serv. 6. *Dicranis vichitina* Gory.

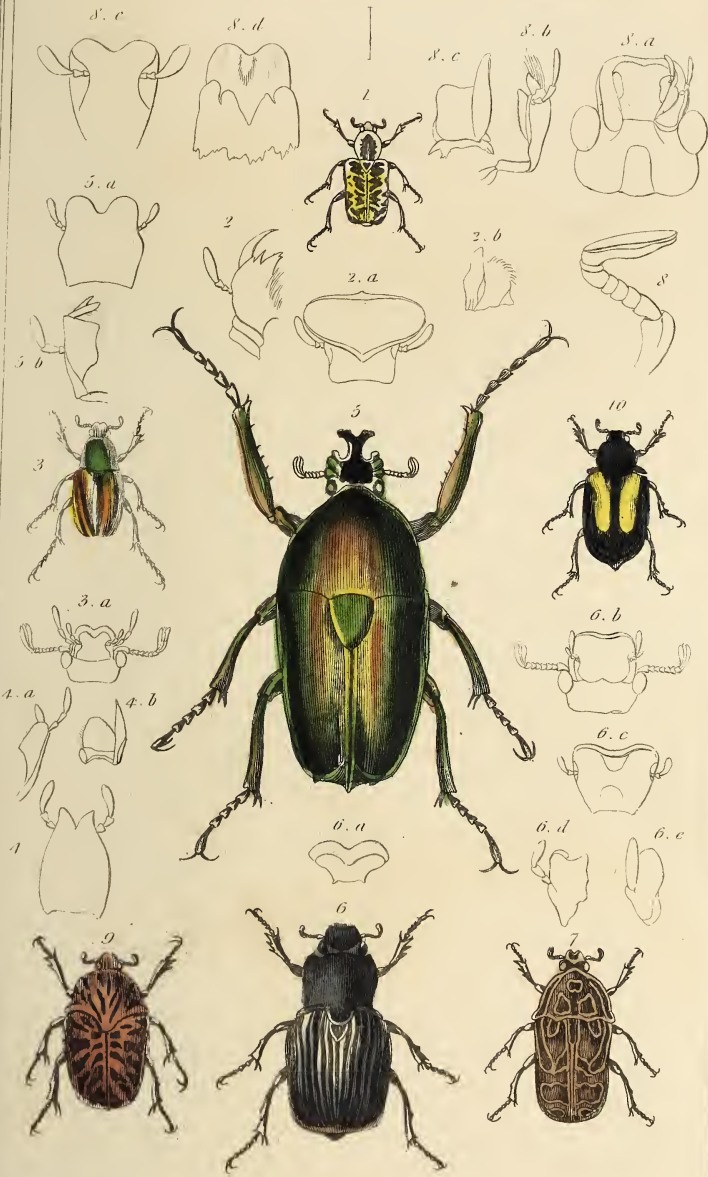
7. *Hoplia farrucosa* Fabr. 8. *Dichelus dentipes* Serv.



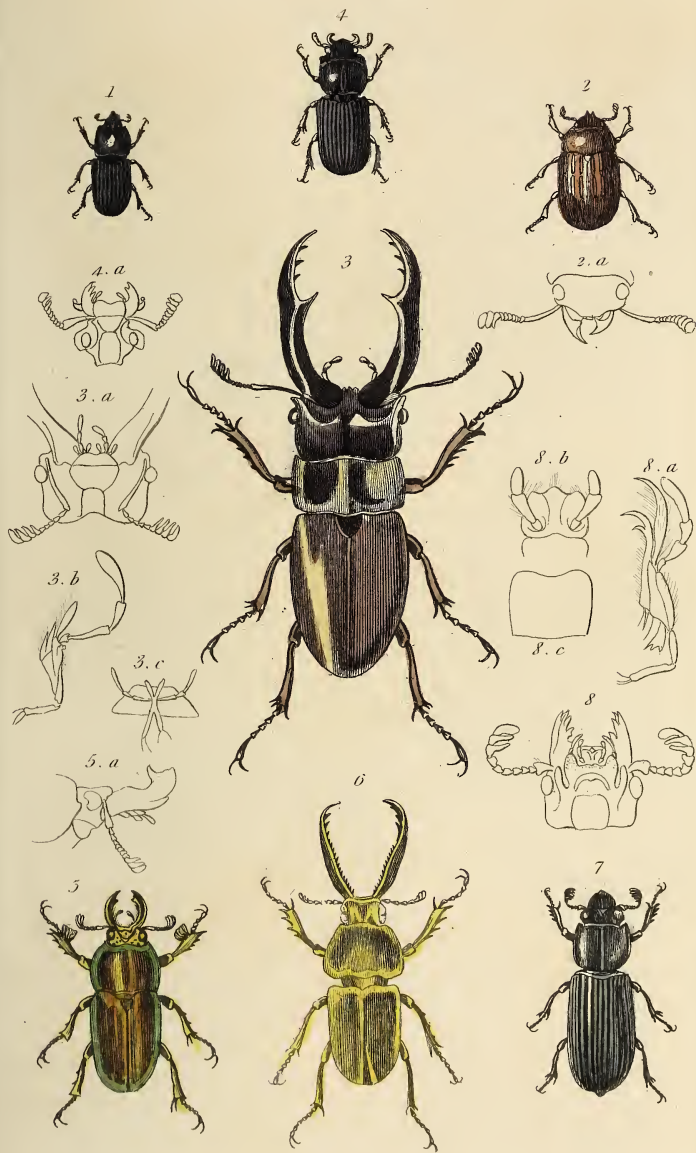


1. *Glyphyrus rufipennis*. Serv. 2. *Amphicoma bantyliformis*. Pall. 3. Anatomical details of the *Amphicoma lasserii*. 4. *Anthopus abdominalis*. Esch. 5. *Chasmopterus lurtulus*. Stål. 6. *Pachyememus crassipes*. Serv. 7. *Lepitrix abbreviatus*. Serv. 8. *Monochelus gougei*. Serv. 9. *Anisonyx ussua*. Wied.

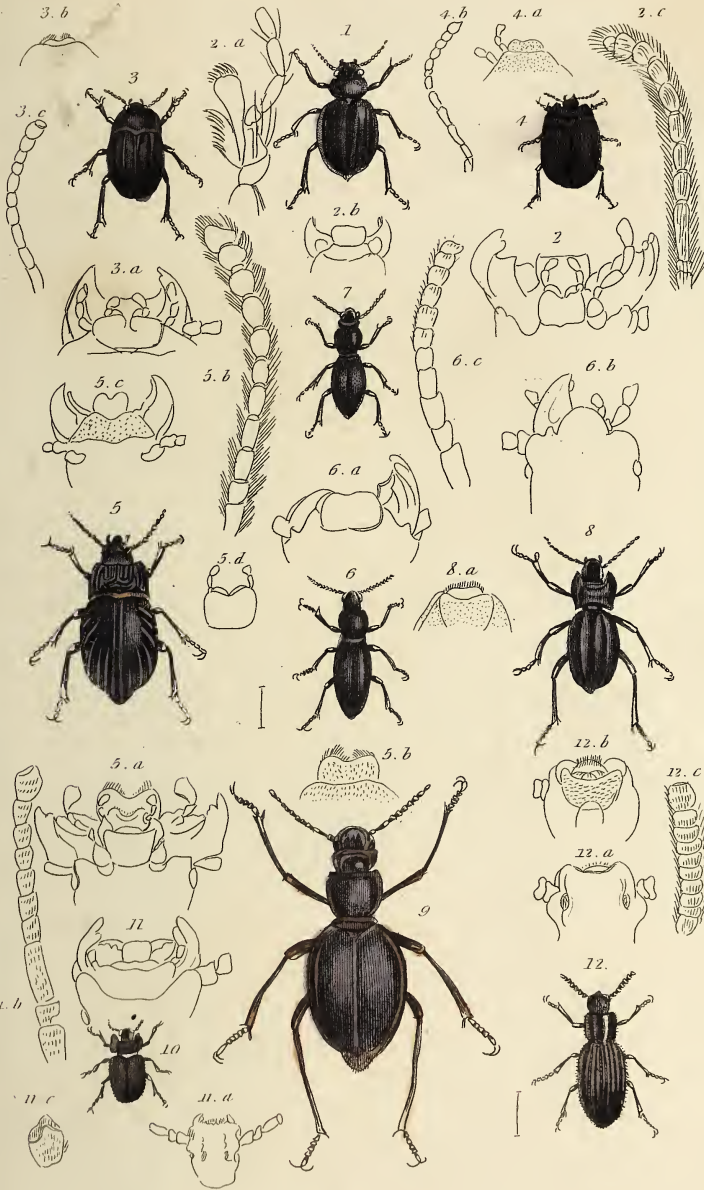




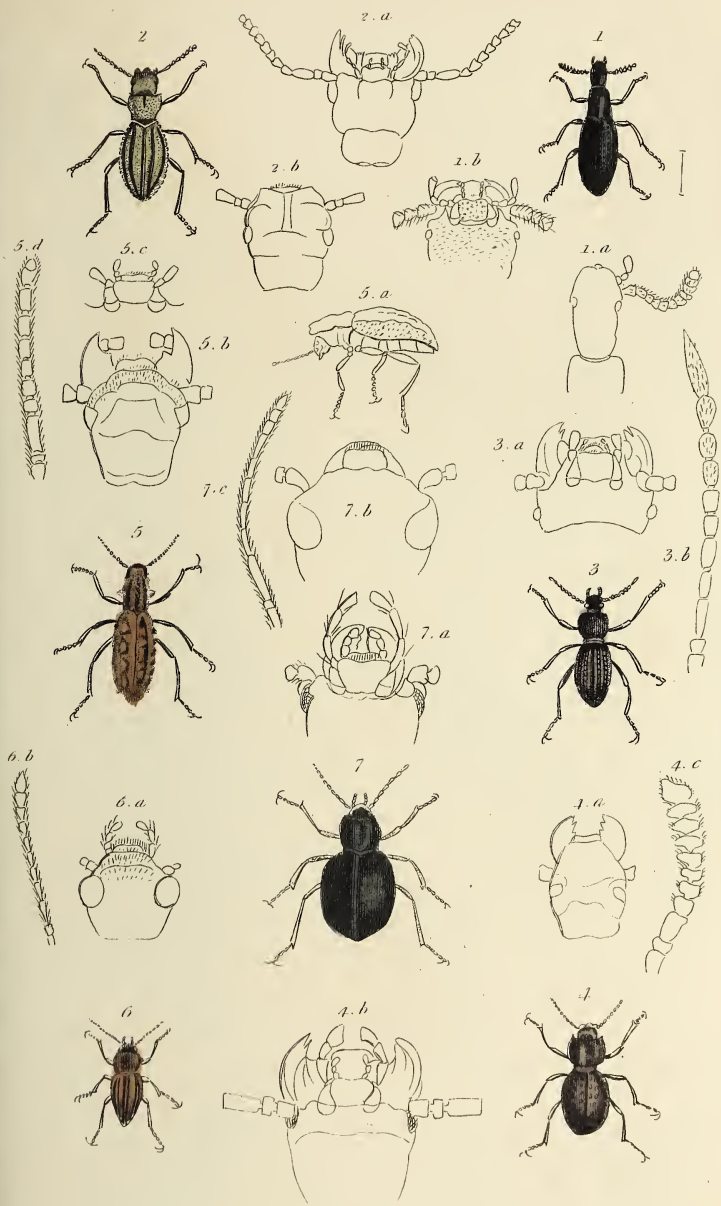
1 *Cremastocheilus luctus*, Leoy & Perch. monogr. 2. Anatomical details of the *Cremastocheilus elongatus*, Oliv. 3. *Trichius zebra*, Oliv. 4. Anatomical details of the *Trichius fasciatus* F. 5 *Galiathicus*, G. & P. Oliv. 6 *Platygenia zairica*, Mack. Leoy. 7. *Cetonia Bavii*, G. & P. 8. Anatomical details of the *Cetonia aurata*, F. 9. *Gymnetis nervosa*, G. & P. 10. *Macronota aegregra*, G. & P.



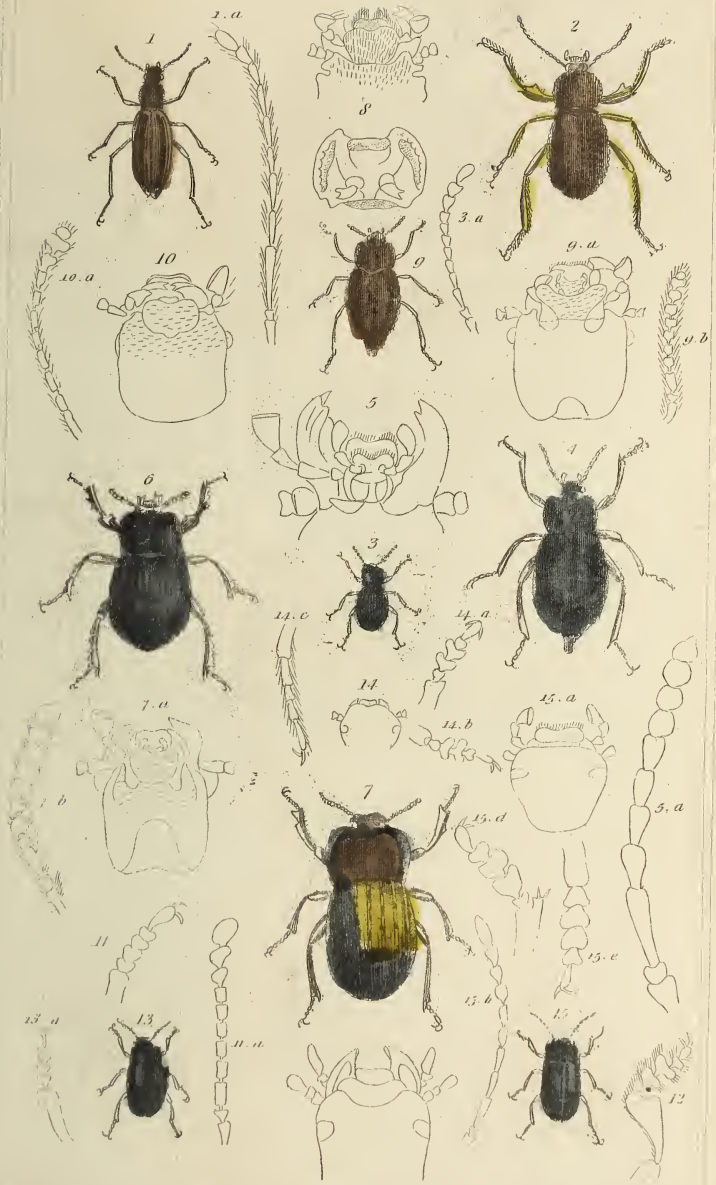
1. *Sinodendron cylindricum* L. Fab. 2. *Osalus scaraboides* Fab. 3. *Lucanus cinnamomeus* Cur. 4. *Platycerus unicolor* Gory. 5. *Lamprima cincta* Latr. 6. *Pholidotus Humboldtii* Sch. 7. *Passalus pentaphyllus* Pallas Bony. 8. Anatomical details of the *Passalus interruptus* Fab.



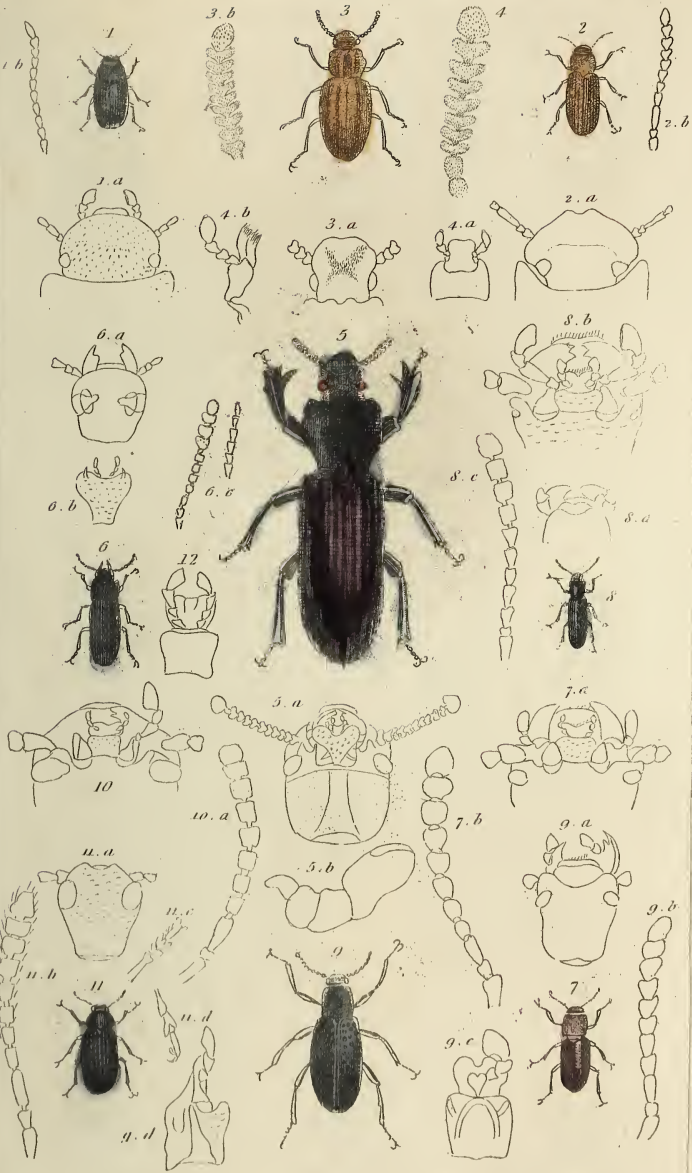
1. *Pimelia vestita* Gory. 2. Anatomical details of the *Pimelia sericea*. 3. *Erodium gibbus* Fabr. 4. *Zoplosis testudinarius* Oliv. 5. *Nyctelia Luczotti* Chev. 5. c. d. Anatomical details of the *Nyctelia brunneipes* Latr. 6. *Hegeter tugentoides* Gory. 7. *Tentyria punctipennis* Lefebvre. 8. *Akis* Goryi. 9. *Elenophorus americanus* Lacord. 10. *Eurychura rugosula* Guér. 11. Anatomical details of the *Eurychura ciliata*. 12. *Adelostoma rufosum* Gory.



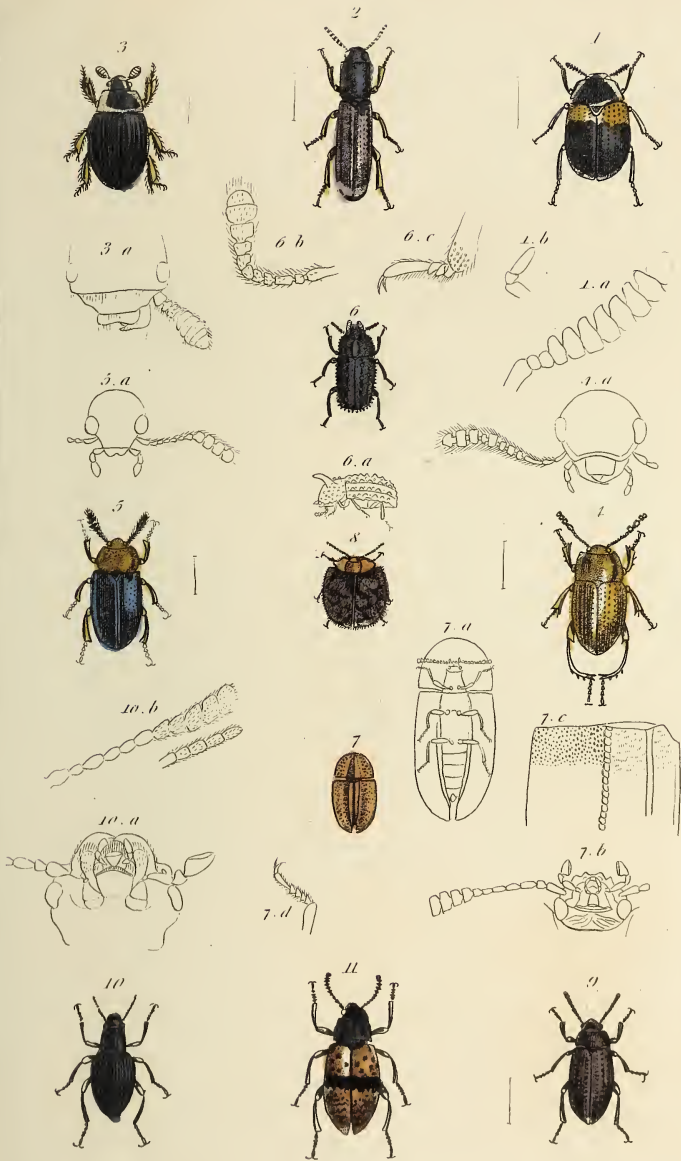
1 *Tegenia orientalis*, Gory. 2 *Psammoteticus costatus*, Gory. 3 *Scaphisoma lugens*, Latr. 4 *Tachynotus vittatus*, Latr. 5 *Sepidium vestitum*, Gory. 6 *Tachynotus vittatus*, Latr. 7 *Moluris luteipes*, Latr.



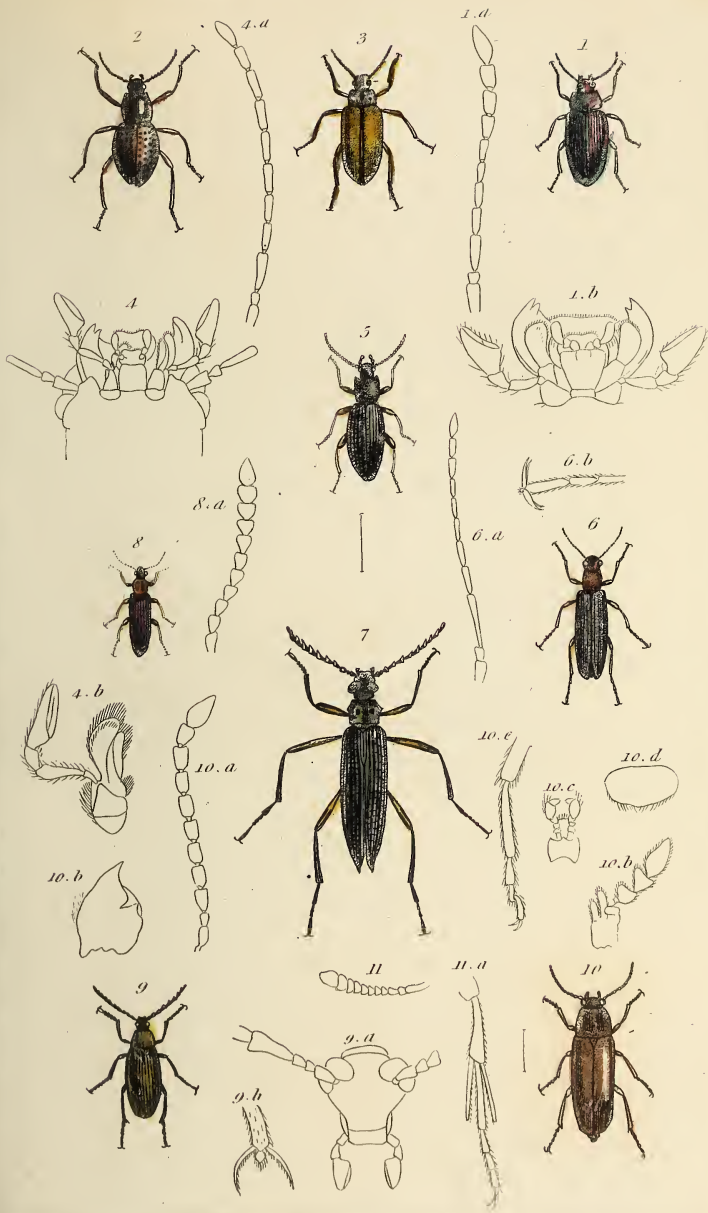
1 *Oxera setosa* Kirby. 2 *Acanthomeria gratilla* Latr. Herbst. 3 *Misolanipus Hoffmannseggii* Latr. 4 *Blaps mortisaga* Fab. 5. Mouth & Antennae of the *Blaps sulcata* Fab. 6. *Gonopus tchialis* Latr. 7. *Anomalipes dentipes* Latr. Fab. 8. Coarsel of the *Machla villosa* Herbst. 9. *Scotinus brasiliensis* Latr. 10. Mouth & Antennae of the *Asyda levipata* Fab. 11. Tarsus & Antennae of the *Opatrinus chlairens* Dej. 12. Tarsus of the *Helophulus hispanicus* Dej. 13. *Pedinus gibbosus* Kirby. 14. Anatomical details of the *Blapsinus punctatus* Ach. 15. *Platyschis adae* Fuchs.



1. *Crypticus gibbulus*, Sch. 2. *Opatrum elongatum*, Lær. 3. *Cochicus veltis*, Germ. 4. Anatomical details of the *Orthocerus muticus*, Lat. 5. *Chroosecis bifoveolata*, Lam. 6. *Toxicum curvicorne*, Chev. 7. *Borus thoracicus*, Gyl. 8. *Calcey elongatus*, Hebst. 9. *Upis cernitoides*, Fab. 10. Anatomical details of the *Tenebrio molitor*, Lin. 11. *Heterotarsus tenebrionides*, Lær. 12. *Tenebrio obscurus*, Fab.

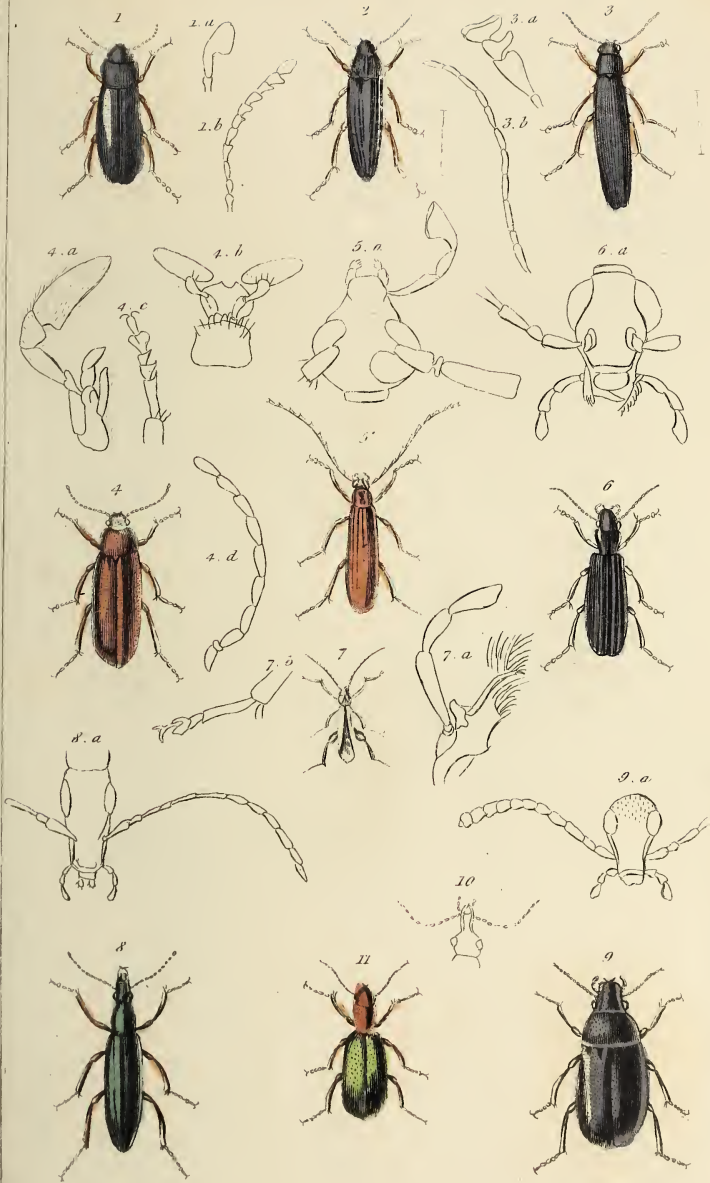


1. *Diaperis lipustulata*, Brul. Lap. 2. *Hypophloeus castaneus*, Fab. 3. *Trachyscelus aphodioides*, Latr. 4. *Leiodes cinnamomea*, Brul. 5. *Tetratania jungermani*, Fab. 6. *Eledona rotunda*, Fab. 7. *Cossyphus meniliferus*, Chev. 8. *Nitidulatus form*. 9. *Leptrogus lineatus*, Chev. 10. *Chad alon atrum*, Chev. 11. *Spheniscus pictus*, Chev.



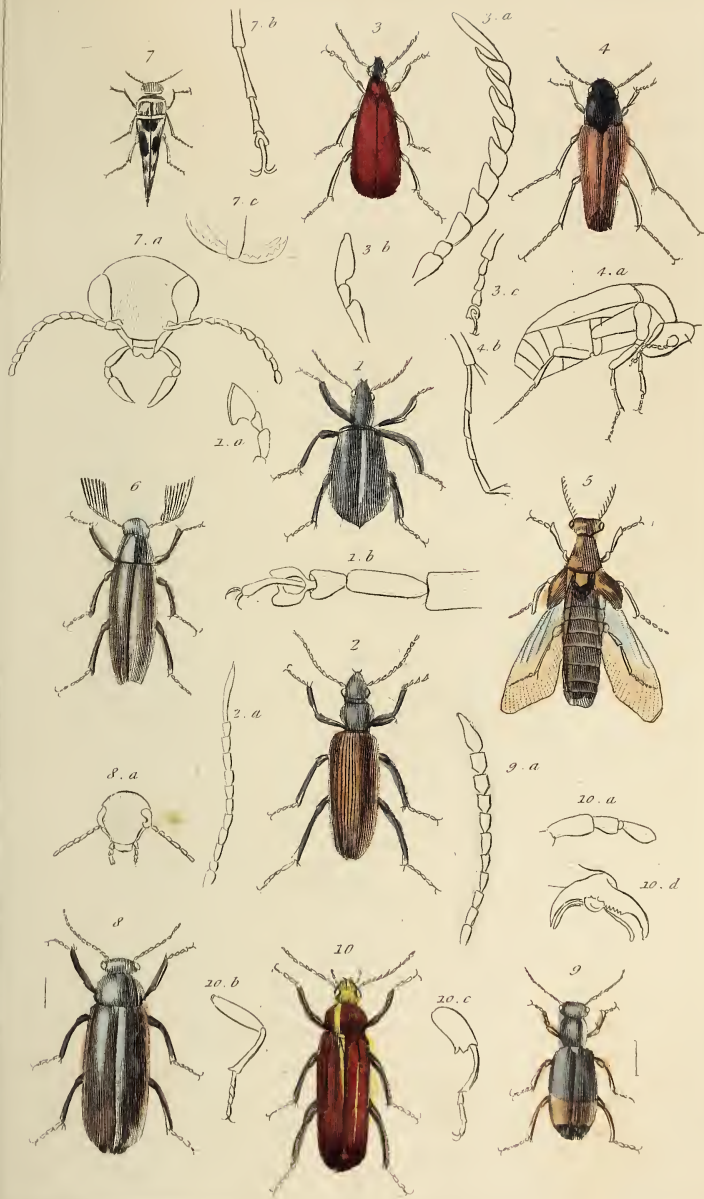
1. *Amarygmus cuprinus*. Esch. 2. *Sphærotus curvipes*. Kirby. 3. *Belops saturalis*. Germ. 4. Anatomical details of the *Belops lunipes*. F. 5. *Laena pimelia*. F. 6. *Stenotrachelus aneus* Latr. 7. *Strongylium serraticorne*. Chev. 8. *Pytho depressus*. F. 9. *Cisteln serrata*. Chev. 10. *Halloimemus humeralis*. Latr. 11. Anatomical details of the *Ovchesia micans*. Latr.



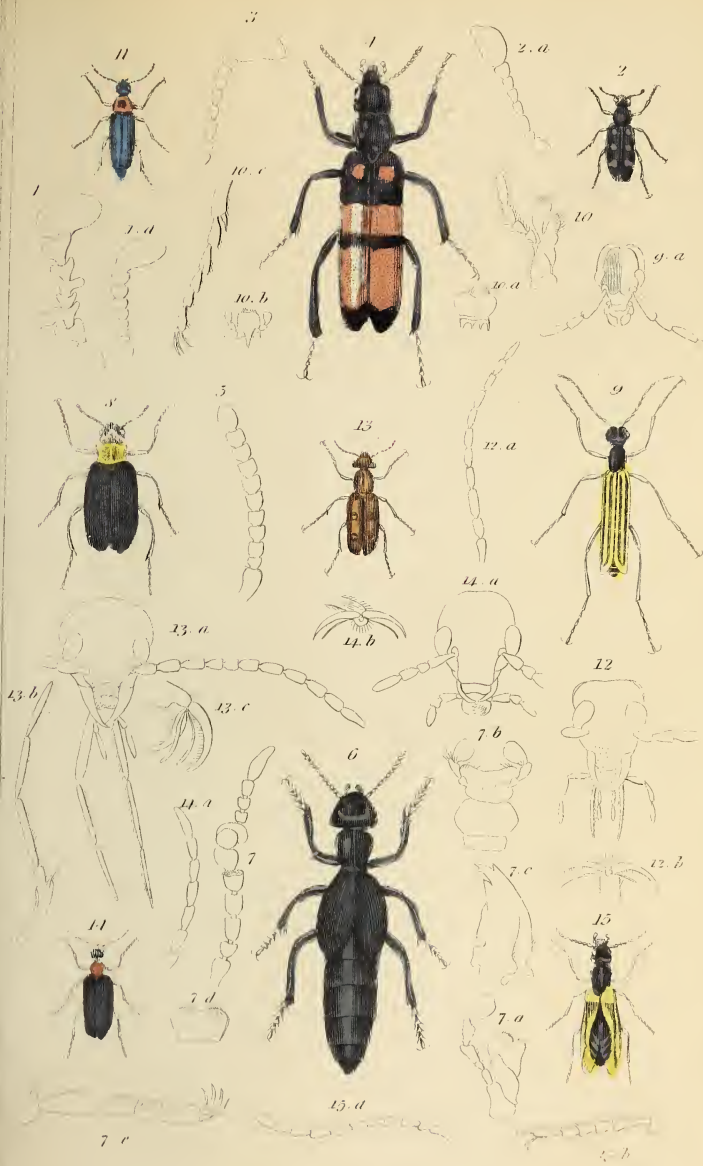


1 *Dicaea discolor*. Fab. 2. *Meladrya rufipes*. Chev. 3. *Serropalpus striatus*. Latr. 4. *Cunopalpus flavicollis*. Gyt. 5. *Calopus serraticornis*. F. 6. *Dytillus lavis* Fisch. 7. *Edemera podagrariae*. Fab. 8. *Stenostoma rostratum*. Charp. 9. *Mycterus pulverulentus* Chev. 10. Head of the *Rhinanaceus attelaboides*. F. 11. *Rhinocinus ruficollis*. F.

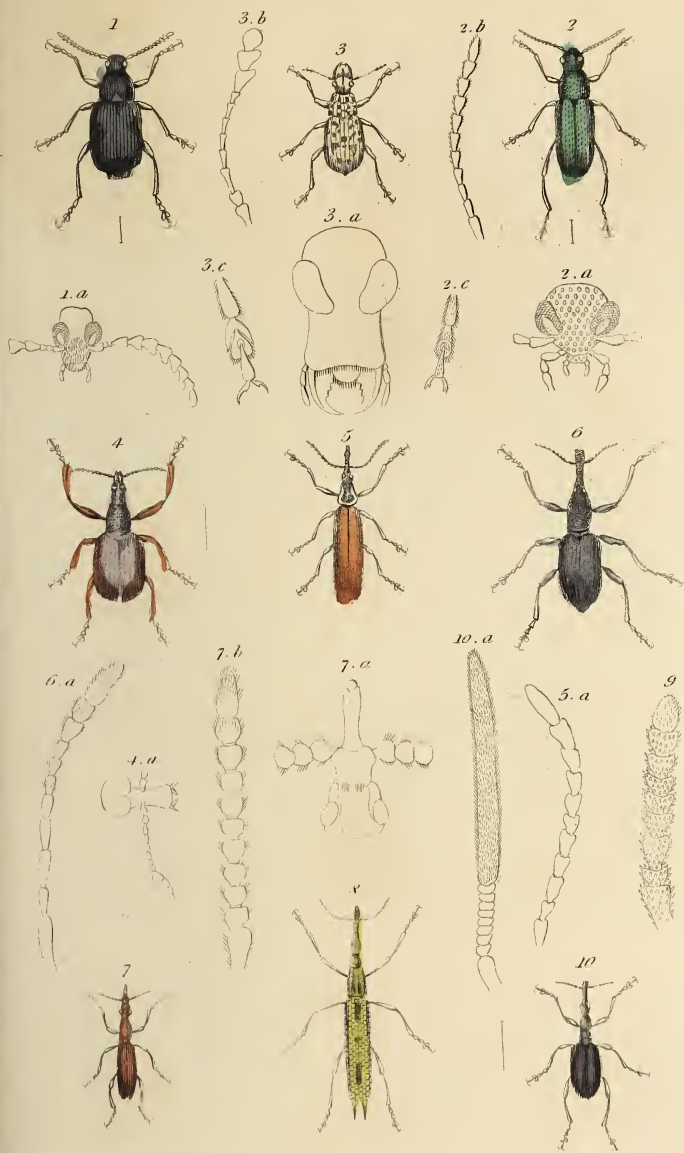




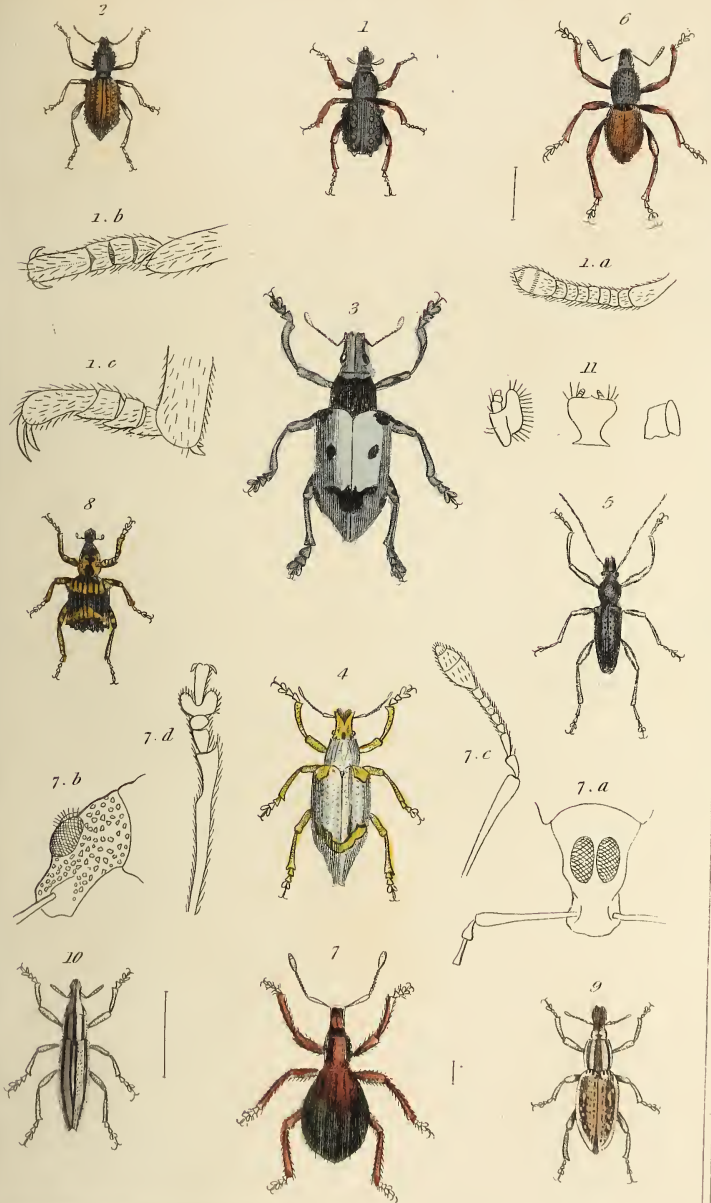
1. *Lagrim-nigus* Guér. 2. *Stator caraboides* Guér. 3. *Pyrochroa coccinea* Fab. 4. *Ripipharus rufipennis* Chev. 5. *Myodites americanus* Guér. 6. *Pelecotoma Erivaldskii* Sturm. 7. *Mordella picta* Chev. 8. *Scaphia dubia* Chev. 9. *Notoxus fasciatus* Chev. 10. *Cissites testaceus* Latr.



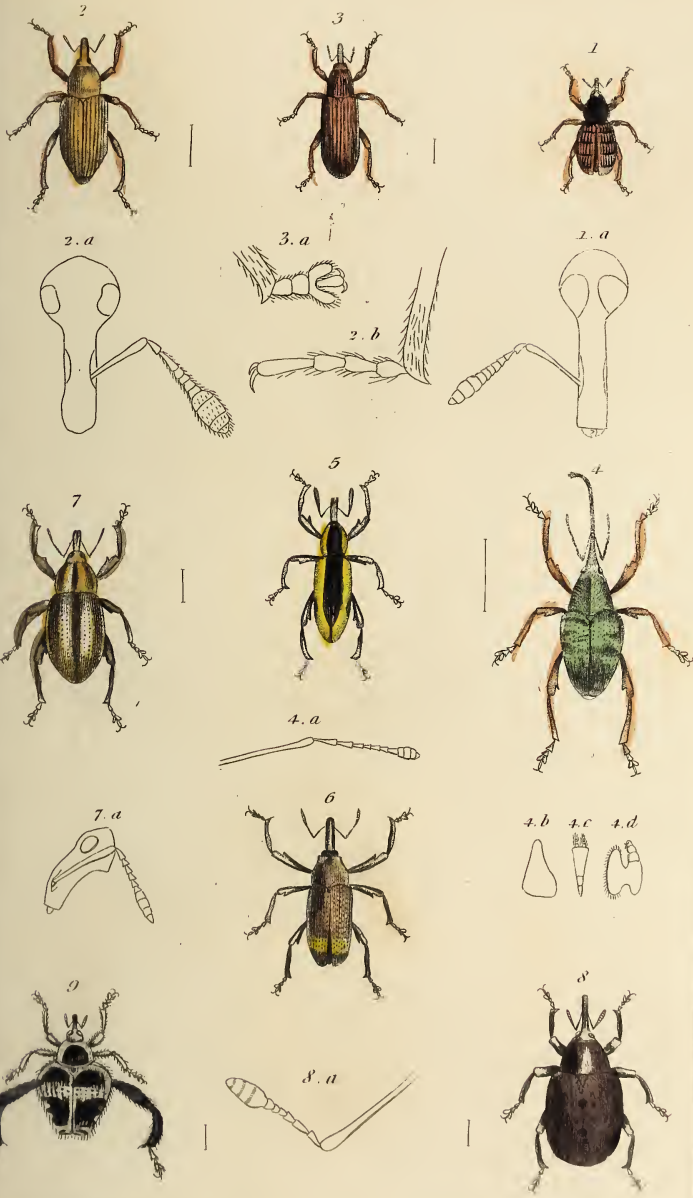
1. Antenna of the *Cerocoma Schaefferi* Lin. 2. *Helychus w. gallatus* Chev. 3. Antenna of the *Arctania 12 punctata* Chev. 4. *Melabris nigriceps* Chev. 5. Antenna of the *Ena* after F. 6. *Meloe* ... Chev. 7. Anatomical details of the *Meloe brevicollis* Fov. 8. *Tetramoxa variabilis* Chev. 9. *Conularis subul* Chev. 10. Anatomical details of the *Gnathos vesicatoria*. 11. *Zonites punctatus* Chev. 12. Anatomical details of the *Scaphognatha chrysomelina* F. 13. *Leptopalpus Chevrolati* Chev. 14. *Gnathium foveolae* Chev. 15. *Sitaris humeralis* Fab.



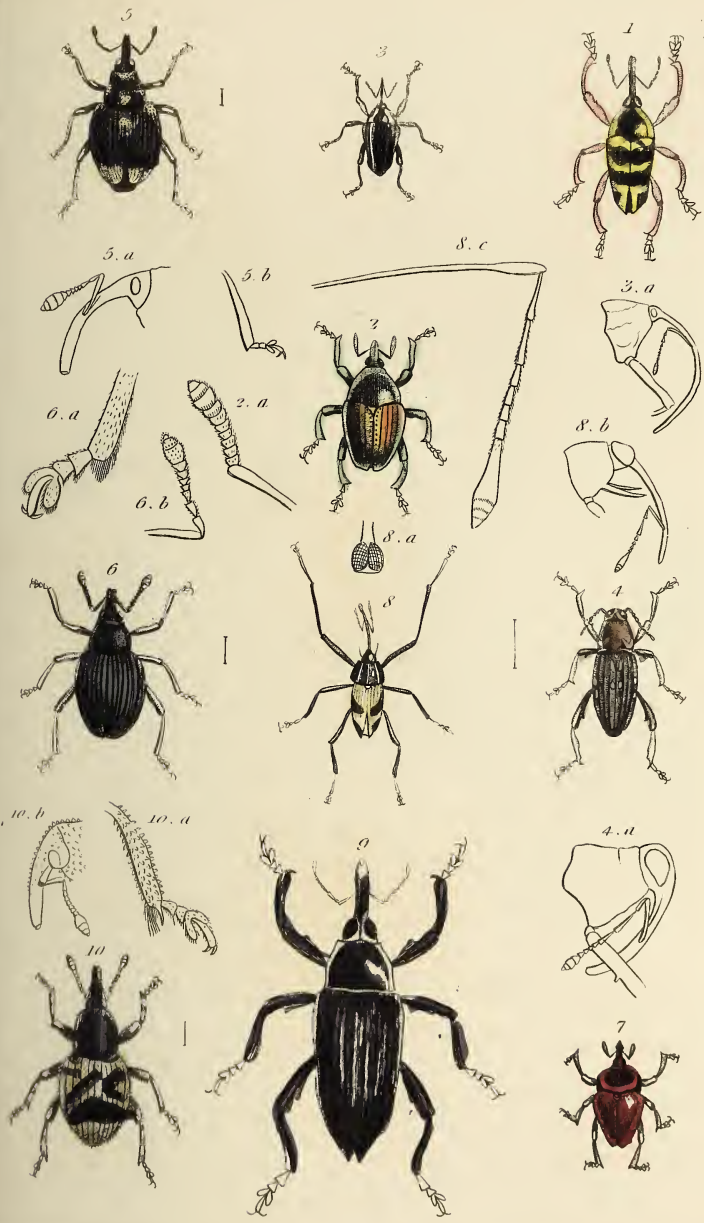
1. *Brachinus marginellus*, Fabr. 2. *Rhachis gebleri*, Fisch. 3. *Anthrax Carnoti*, Guerin.
 4. *Atelabus pilatus*, Guér. 5. *Rhinotia hornoptera*, Kirby. 6. *Eurhinus cenicus*, Guér.
 7. *Brutus italicus*, Lat. 8. *Cecephalus fuscillatus*, Sch. 9. *Antonia* of the *Pluccrus cinereus*, Lat.
 10. *Cylas longicollis*, Chev.



1. *Brachycerus oculatus* Chev. 2. *Cyclonius coronatus* Sch. 3. *Cyphus illustris* Chev. 4. *Cyphus dives* ? Allg. 5. *Leptocerus macilentus* Chev. 6. *Pacherbeuchus profanus* Esch. 7. *Scyzogopus cyclops* Sch. 8. *Rhyttidibus inferius* Chev. 9. *Cleonus guttatus* Chev. 10. *Tarus vittiger* Goidt. 11. Mouth of the *Chlorophanus viridis* Sch.



1. *Balaninus nucum* Lin. 2. *Bagous hirtosus* Gyll. 3. *Brachomyx inligens* Gyll. 4. *Alcides preustus* Guér. 5. *Heilipus populi* Sch. 6. *Alcides preustus* Guér. 7. *Myarhinus alboluteatus*. 8. *Cionis pulverosus* Parcy. 9. *Tachygonus horridus* Chev.

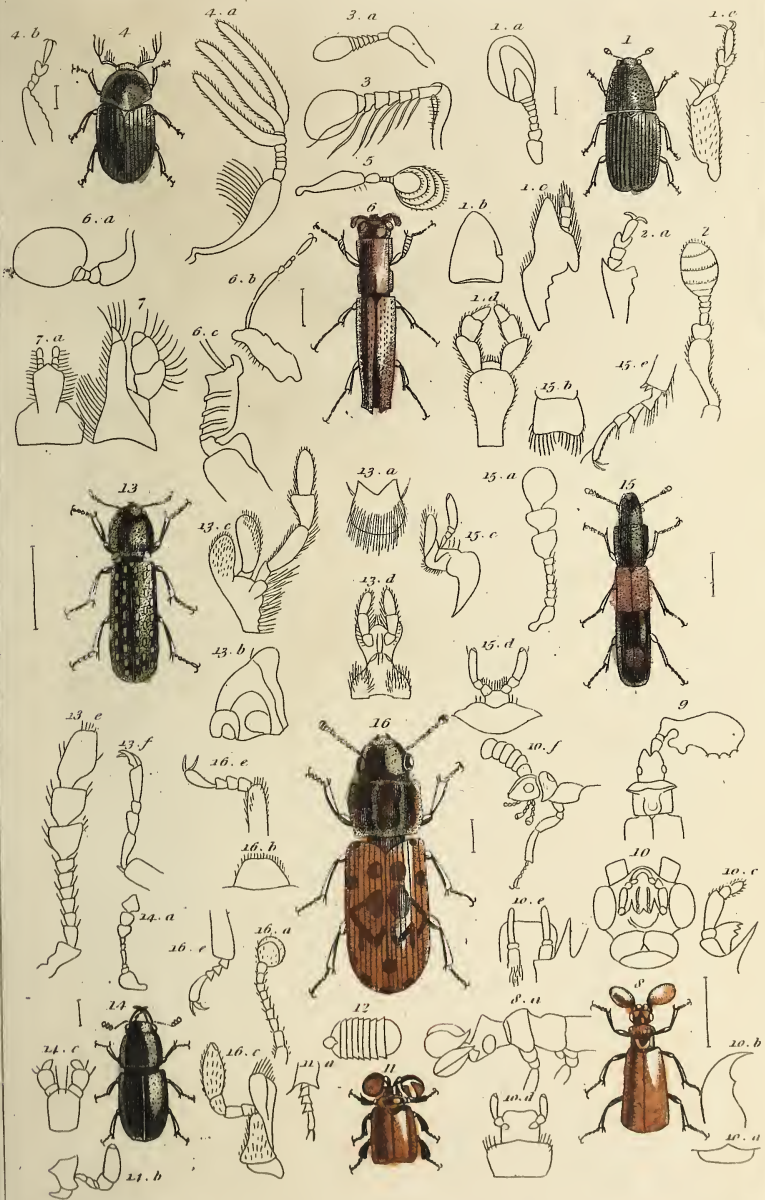


1. *Cholus flavo-fasciatus*, Chev. 2. *Camptorhynchus flammaceus*, Germ. 3. *Centrinus curvirostris*, Chev. 4. *Zygobis rubricollis*, Chev. 5. *Centorhynchus sii*, Chev. 6. *Hydatius comarii*, Sch. 7. *Dumymerus altus*, Germ. 8. *Mecopus trilineatus*, Chev. 9. *Garganus leopitinus*, Chev. 10. *Tylolus plinioides*, Lyl.

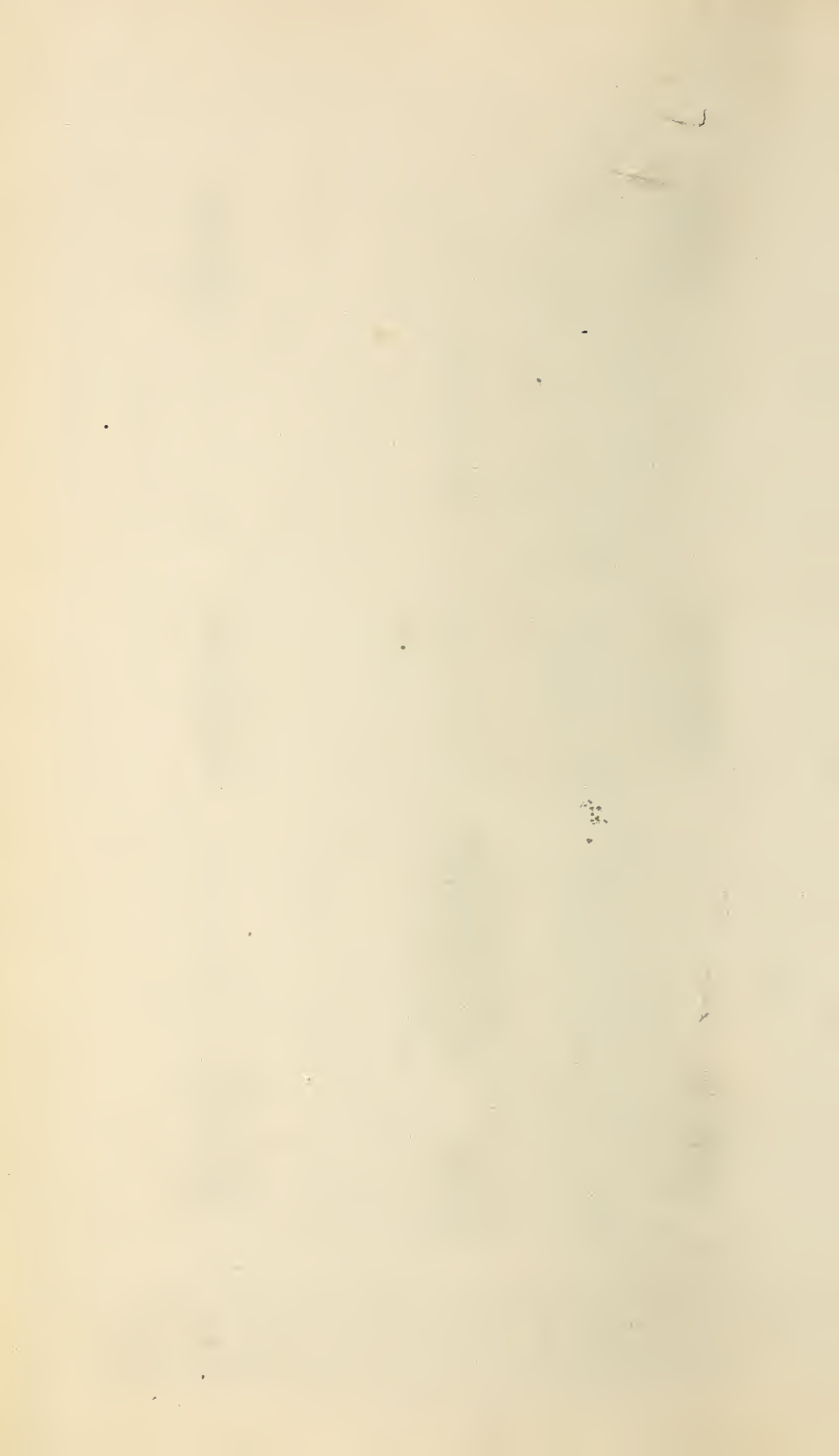


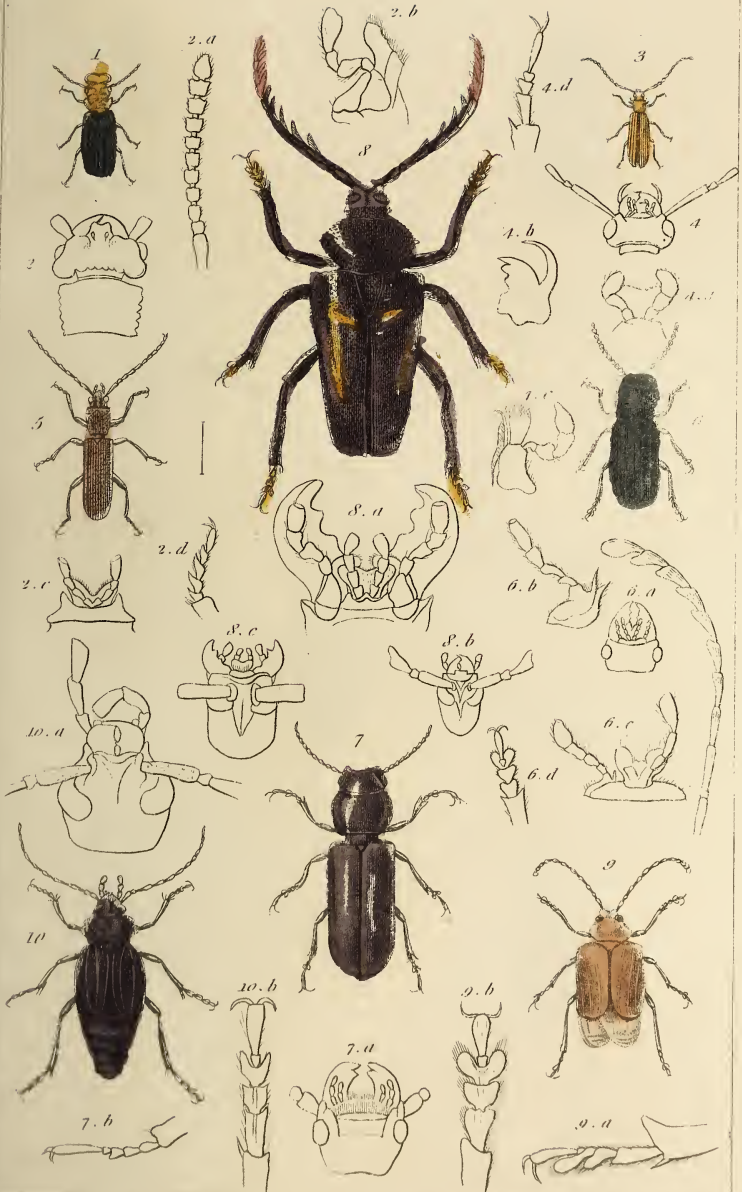


1. *Anchonus suillus*, Fab. 2. *Rhina barbirostris*, Fab. 3. *Calandra Guérini*, Chev. 4. *Calandra laticornis*, Guér. 5. *Belorhynchus acutus*, Guér. 6. *Cercidocerus nigrolaticornis*, Guér. 7. *Cossonus ephippiger*, Guér. 8. *Dryophthorus lenticollis*, Fabr. 9. *Trigonotarsus calandroides*, Guér.

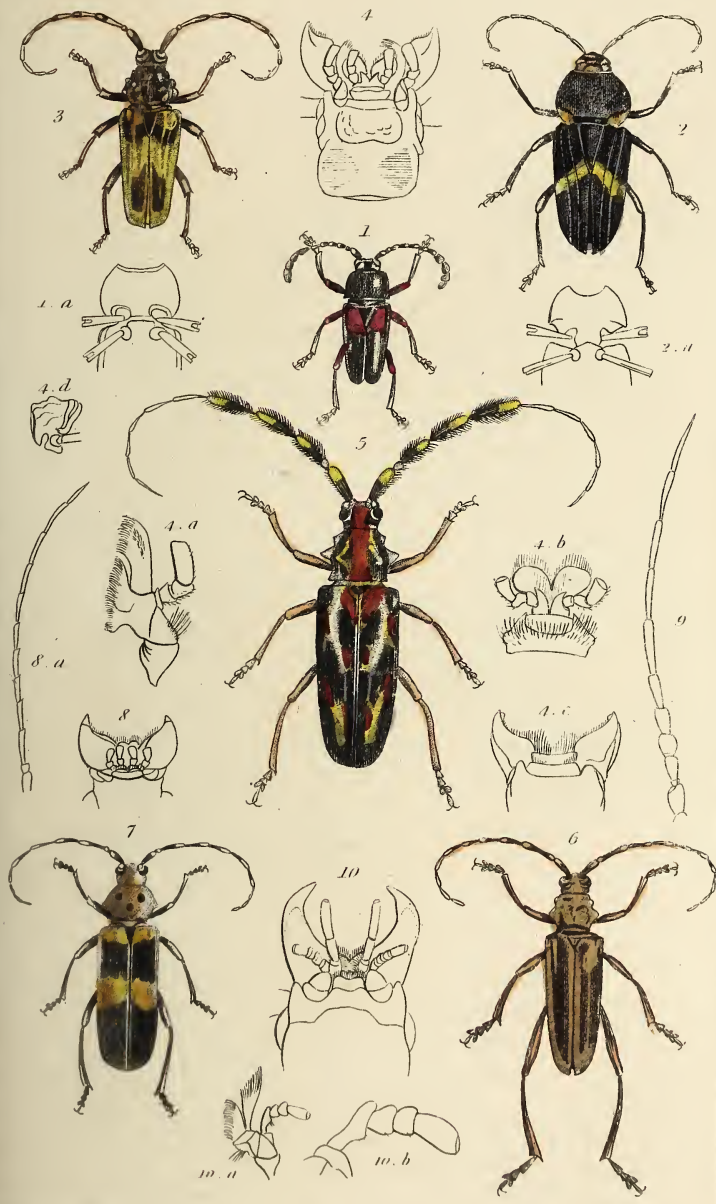


1. *Scalytus flavicornis*. Chev. 2. Antenna of the *Hylurgus pumperla*. 3. Antenna of the *Campyocerus unipennis*. Pl. 4. *Phloiotribus clew*. Lat. 5. Antenna of the *Tomicus hispinus* Moq. 6. *Platypus Beyi* Guér. 7. Mouth of the *Platypus cylindrus*. Fieb. 8. *Pausus curvicornis*. Chev. 9. *Pausus microcephalus*. 10. Anatomical details of the *Pausus microcephalus*. X *Pausus pentaplatyrhinus*. 11. *Platyrhopalus Mellet*. West. 12. Antenna of the *Corupteus latipes*. West. 13. *Bostrichus Dufourii*. Lat. 14. *Cis inaequidens*. Chev. 15. *Nemosoma elongatum*. L. 16. *Synchita undata*. Guér. Paris



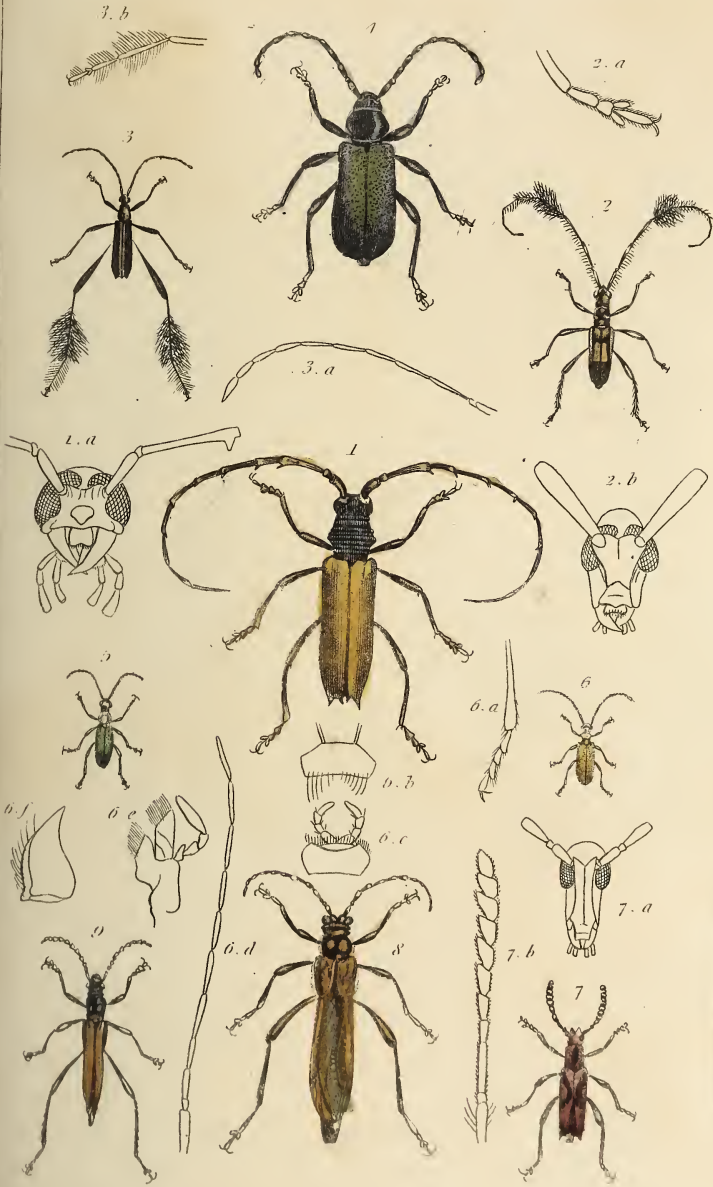


1. *Cucujus mandibularis*, Goy. 2. Anatomical details of the *Cucujus depressus*, Fab. 3. *Bron-
tes spinicollis*, Goy. 4. Anatomical details of the *Brontes flavipes*, Fab. 5. *Dendrophagus
crenatus*, Payk. 6. *Spodylus hypreostoides*, Fab. 7. *Parandra lineola*, Goy. 8. *Prionus Des-
marestrii*, Linn. 9. *Anaeclus sanguineus*, Serr. 10. *Prionapterus stapulinus*, Guér.

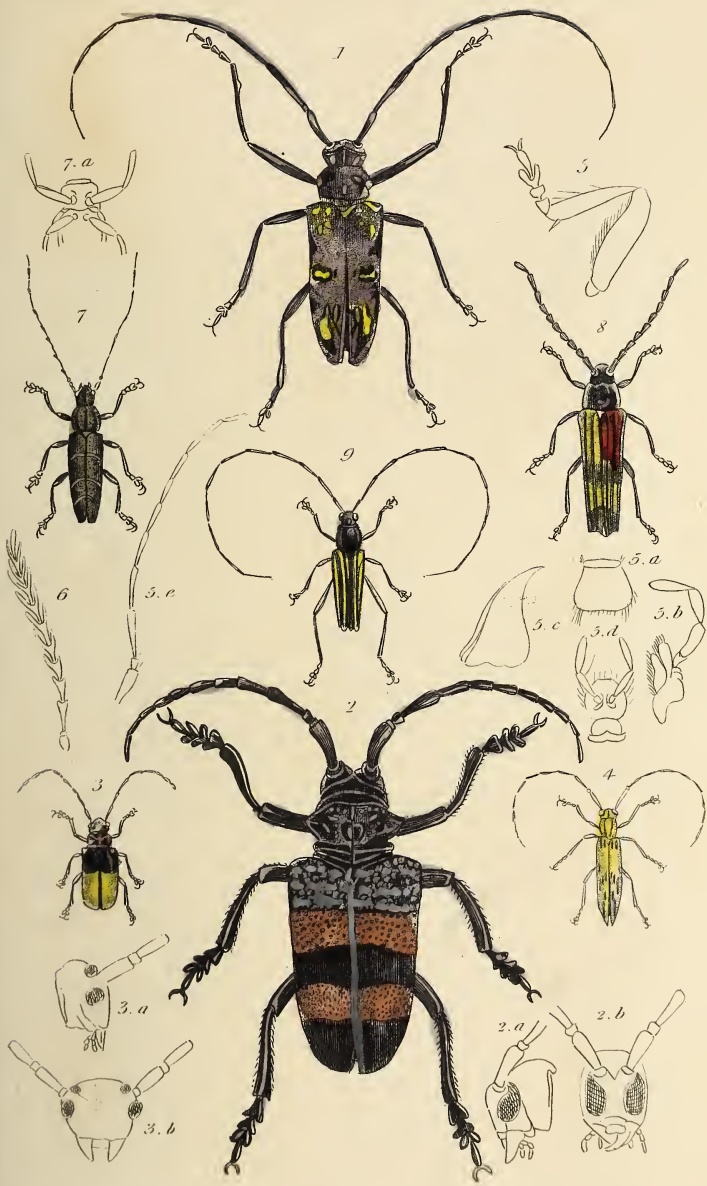


1. *Lissomotus unifasciatus* Gory. 2. *Megaderus stiquia* Fab. 3. *Tachyderes nigrofasciatus* Gory. Anatomical details of the *Tachyderes succinctus* Fab. 4. *Lophoceros barbicornis* Cha. 5. *Callithyma speciosa* Gory. 7. *Acanthopterus tripunctatus* Gory. 8. Anatomical details of the *Acanthopterus hudsonis* Gory. 9. Antenna of the *Cerambyx heros* Fab. 10. Anatomical details of the *Callithyma hemipterus* Cha.

London: W. Anderson. 1841. Enl. 1.

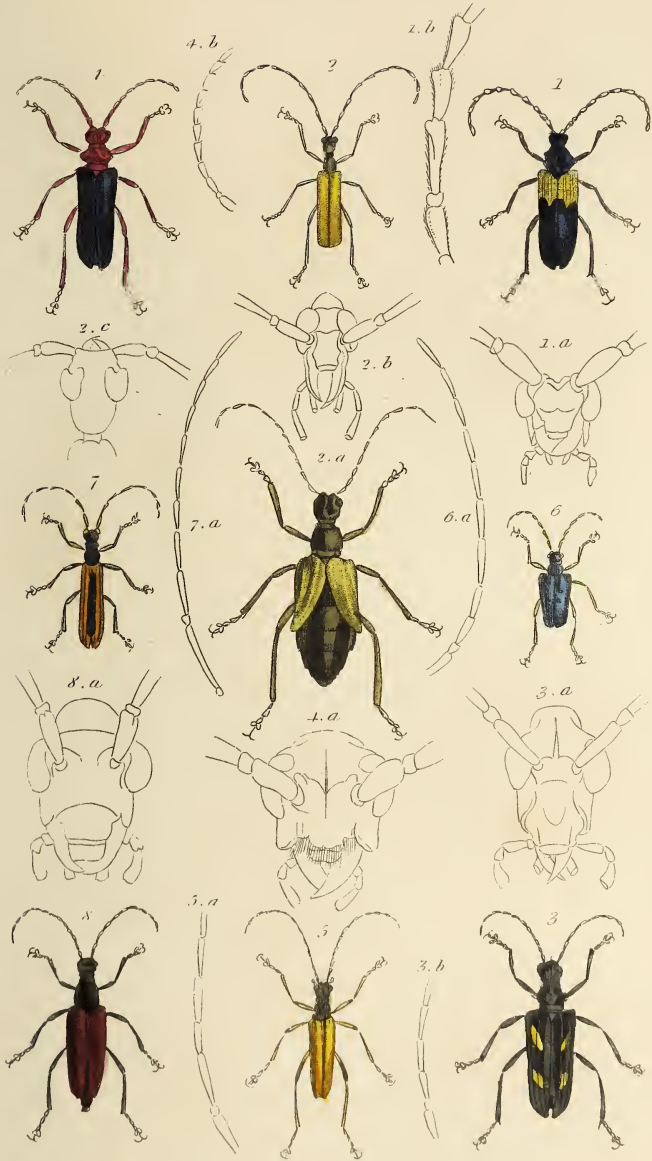


1 *Cerambyx ruffennis* Lw. 2 *Cerambyx speculifer* Lw. 3 *Cerambyx luctuosus* Lw. 4 *Calidulum insubricum* Biegler 5 *Certallum ruficollis* Lw. 6 *Obrius terrapennae* Lw. 7 *Rhinotragus acuminatus* Lw. 8 *Neocyclus minor* Lin. 9 *Stenopterus elegans* Kling

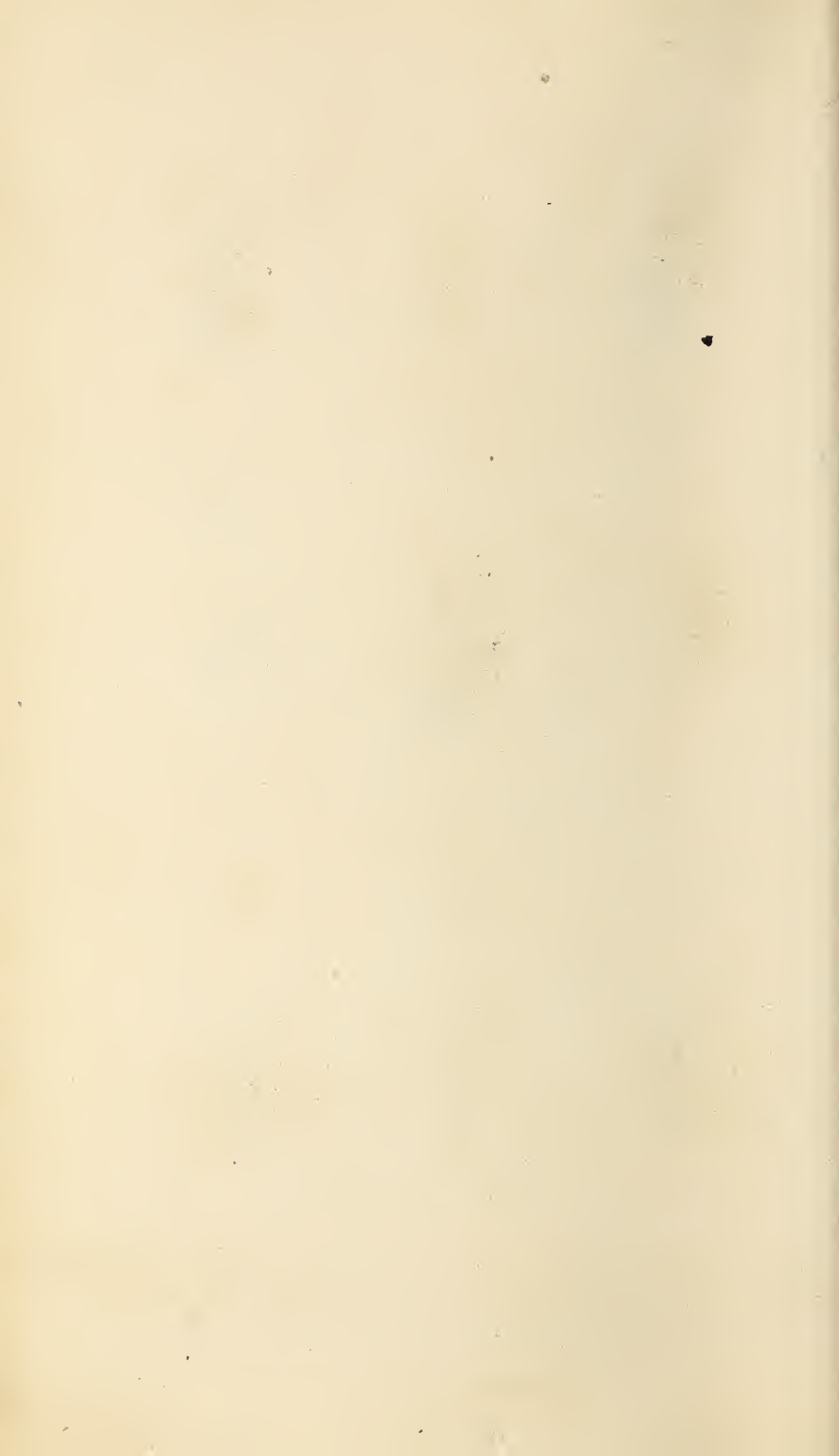


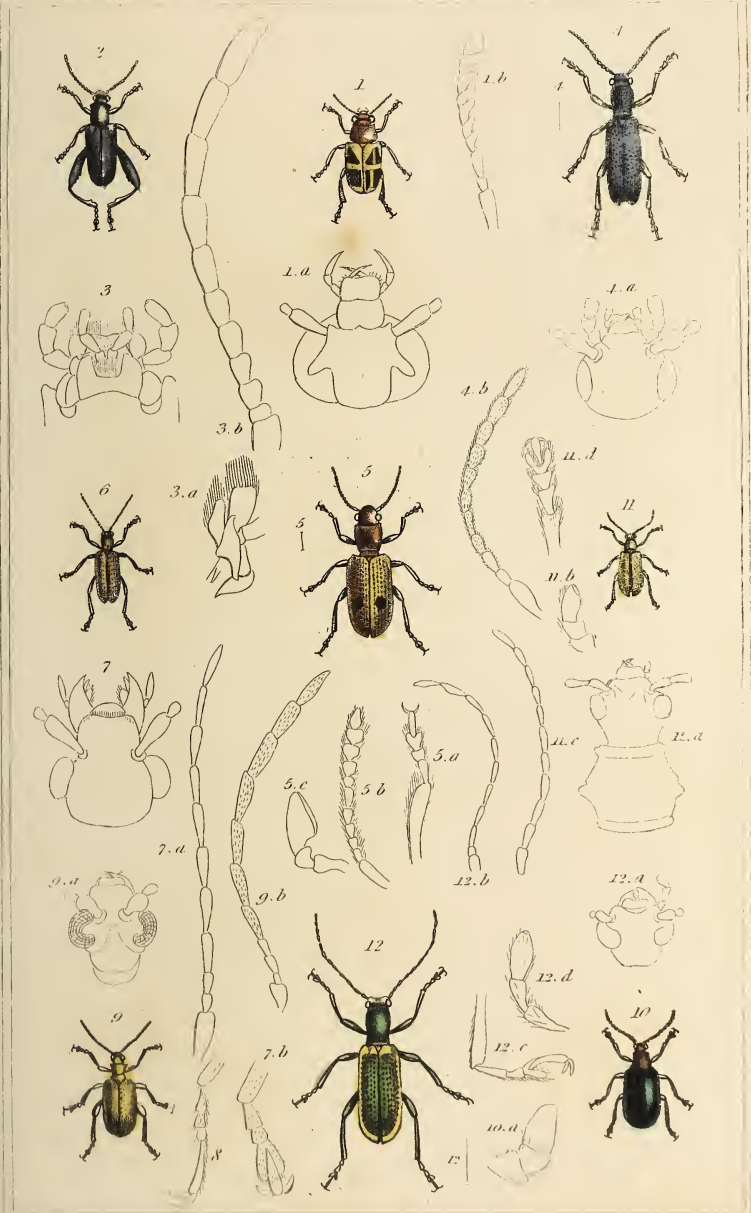
1 *Acerocnus tachlearis* Gory. 2 *Lamia mucrocineta* Gory. 3 *Tetraopes dimidiata* Gory. 4 *Saperda albicans* Guér. 5 Anatomical details of the *Saperda atkinsoni* Guér. 6 Antennae of the *Distichocera maculicollis* Kuhn. 7 *Tetrasternus bimaculatus* Guér. 8 *Tragocerus hidentatus* Donov. 9 *Leptocera bilineata* Gory.





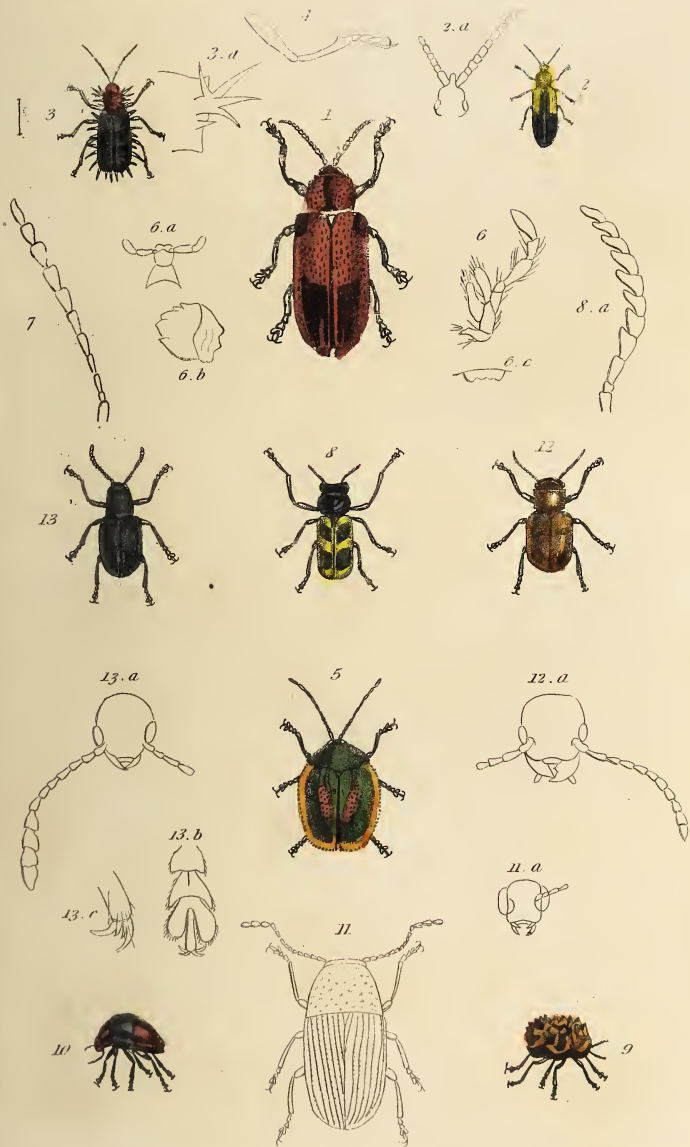
1. *Deximocerus cyaneus* Fab. 2. *Vesperus griseus* Guér. 3. *Rhagium luteicornis* Fab. 4. *Rhamnusium salicis* Fab. 5. *Toxotus meridionalis* Fab. 6. *Pachys* *Laportii* Guér. 7. *Stenoderus cerambyodes* Kirby. 8. *Leptura annulata* Gory.



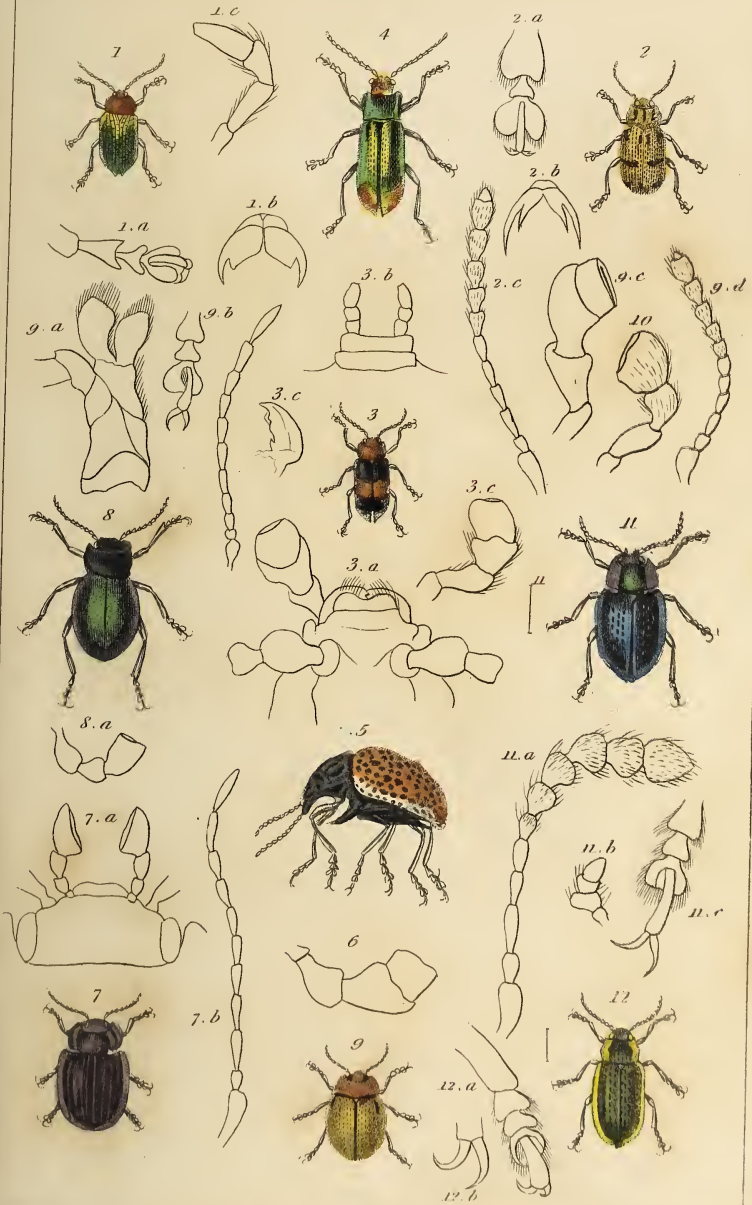


1. *Megalopus unifasciatus*, Gory. 2. *Sagra cyanica*, Halbr. 3. Anatomical details of the *Sagra splendida*, F. 4. *Orsidiaria violacea*, Chev. 5. *Psammivachus bipunctatus*, F. Bender. 6. *Dumecis foveola*, Coll. 7. Anatomical details of the *Dumecis sagittaria*, Fab. 8. *Hindler Tarsus* of the *Hammia rostrata*, Coll. 9. *Petauristes costipes*, Oliv. 10. *Crioceris Baryceus*, Gier. 11. *Ancheim betulae*, Fab. 12. *Megascelus persina*, Chev.

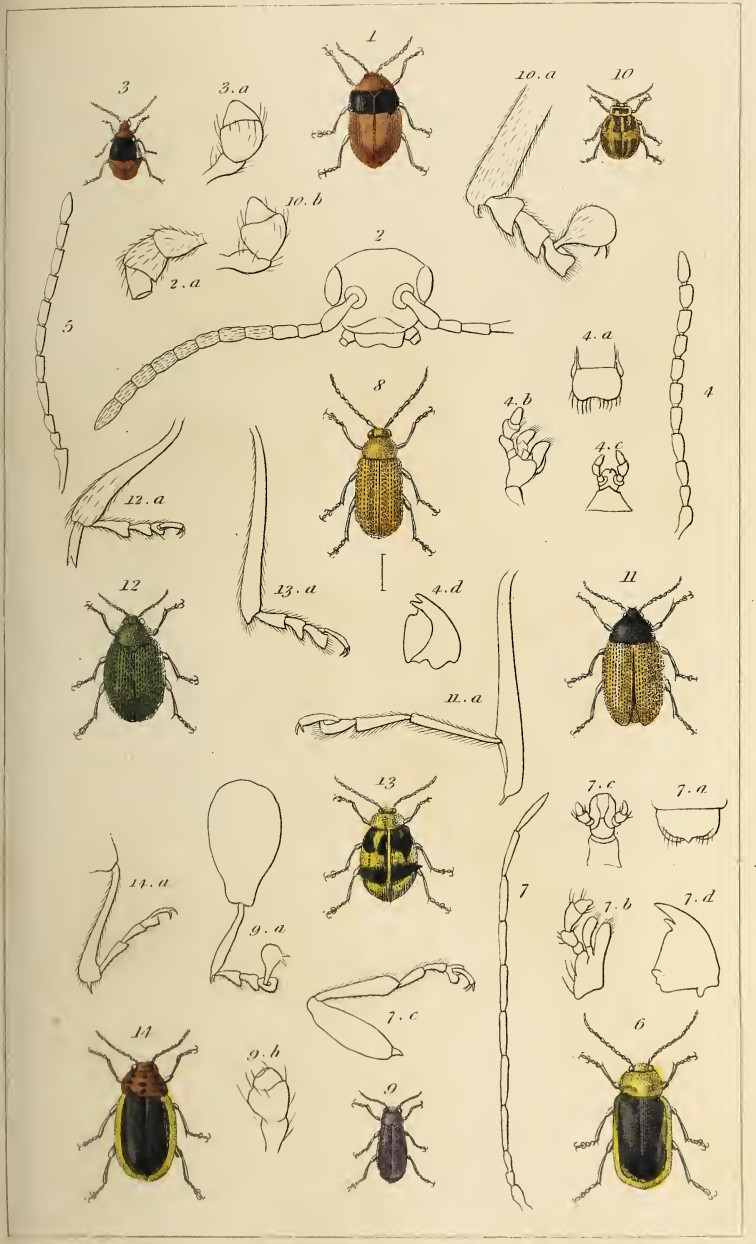




1. *Murans carolinus* Viger. 2. *Oxycephala cornigera* Guér. 3. *Hispia Fabricii* Guér. 4. Anatomy of the first of the *Chalcidus spinipes* Fab. 5. *Cassida (Cyclasoma thevi) longicornis* Fab. 6. Anatomical details of the *Cassida discors* Labe. 7. Antenna of the *Crypticephalus speciosus* Guér. Vey' Duperrey. 8. *Clythra Percheron*, Goy. 9. *Chlamys cuprea* Illig. 10. *Lamprosomus curusca* Goy. 11. *Choraugus sheppardi* Kirby, anthr. pygmaeus Robert. Mag. Zool. II. Kn' 16. 12. *Encyrtus maculata* Olin. 13. *Fumolpus cyaneus* Fab.

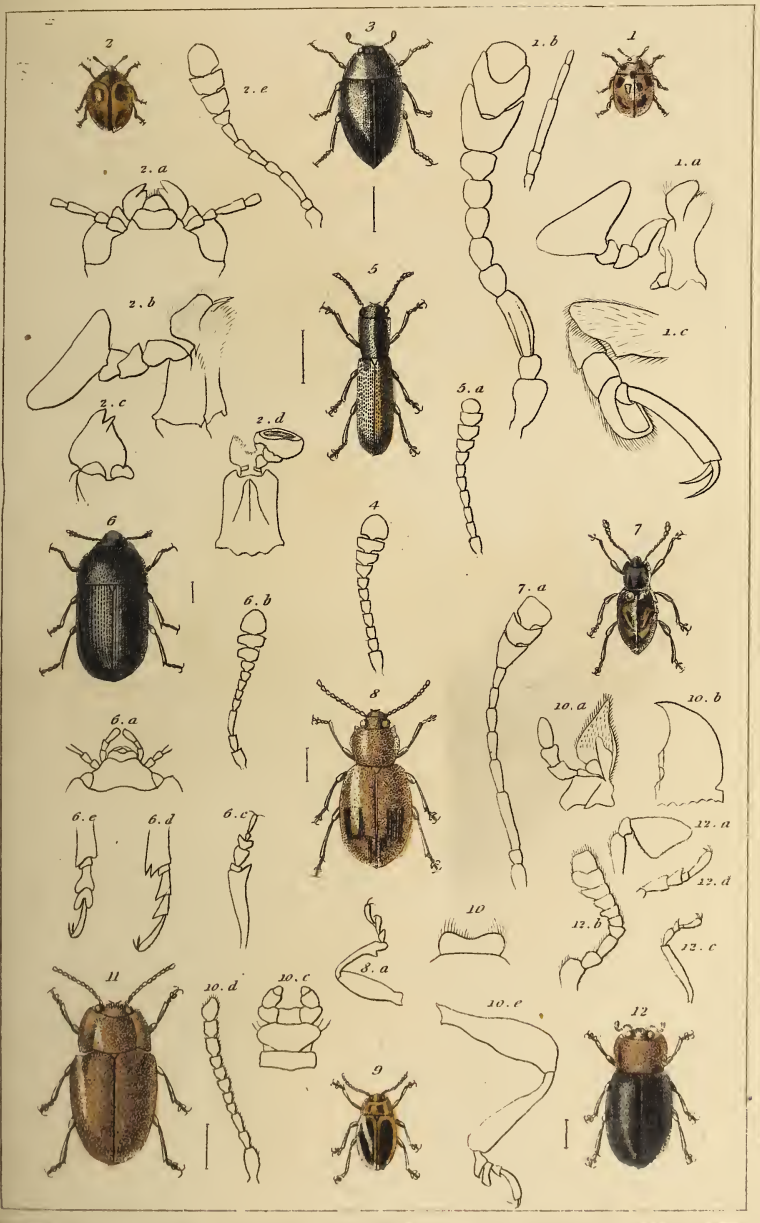


1. *Colaspis illustris*. Chev. 2. *Podontus affinis*. Germ. 3. *Phyllorhynchus lacteatus*. Guér. 4. *Phyllorhynchus splendidus*. Guér. 5. *Doryphora multipunctata*. Chev. 6. *Palpe* of the *Doryphora adunca*. Chev. 7. *Parapsis s. lineata*. Gory. 8. *Timarcha balearica*. Gory. 9. *Chrysomela humeralis*. Gory. 10. *Palpe* of the *Chrysomela sanguinolenta*. L. 11. *Phardus cyanopterus*. Guér. 12. *Prasocuris hanoveriana*. Fabr.

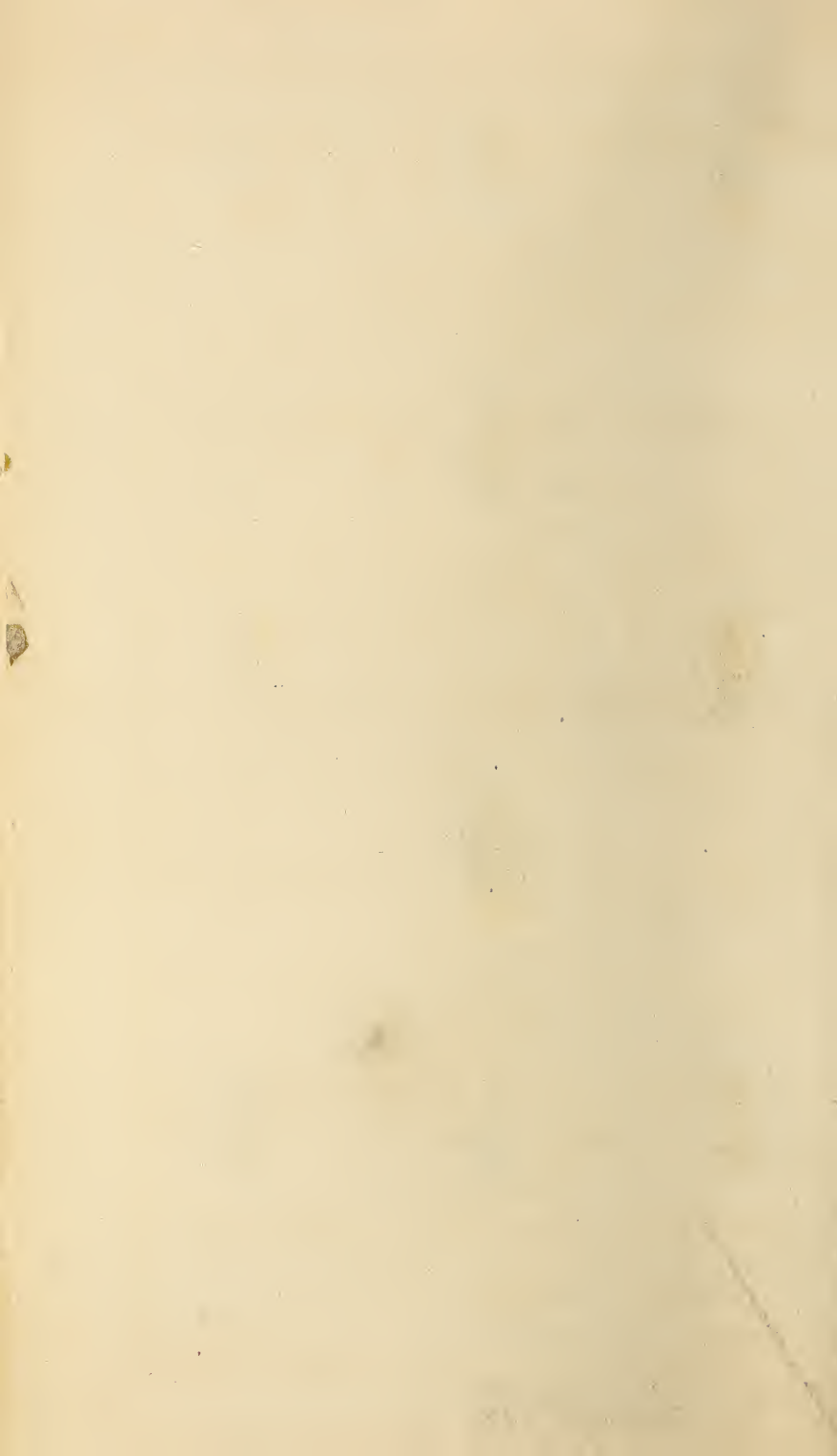


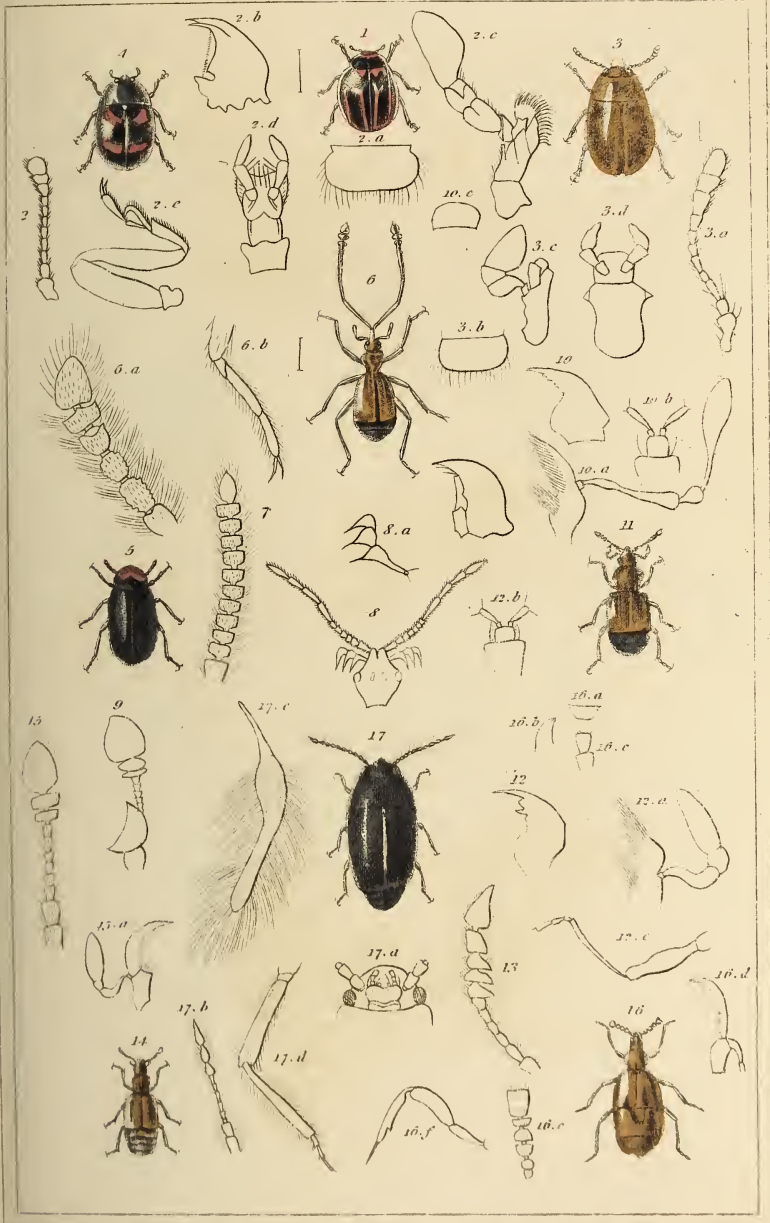
I. *Adorium basale*, Guér. 2. Anatomical details of the *Adorium bipunctatum*, Chev. 3. *Galeruca dividiata*, Guér. 4. Anatomical details of the *Galeruca viburni*, Payk. 5. Antenna of the *Galeruca maculata*, L. 6. *Luperus cinctellus*, Chev. 7. Anatomical details of the *Luperus brassicae*, Panz. 8. *Octogonotex thoracicus*, Fosc. 9. *Octogonotex thoracicus*, Chev. 10. *Calomychus figuratus*, Chev. 11. *Psyllidex Anglica*, Chev. 12. *Dibolia horrealis*, Chev. 13. *Affica Chevrolatii*, Guér.

II. *Longitarsus dorsalis*, Fab

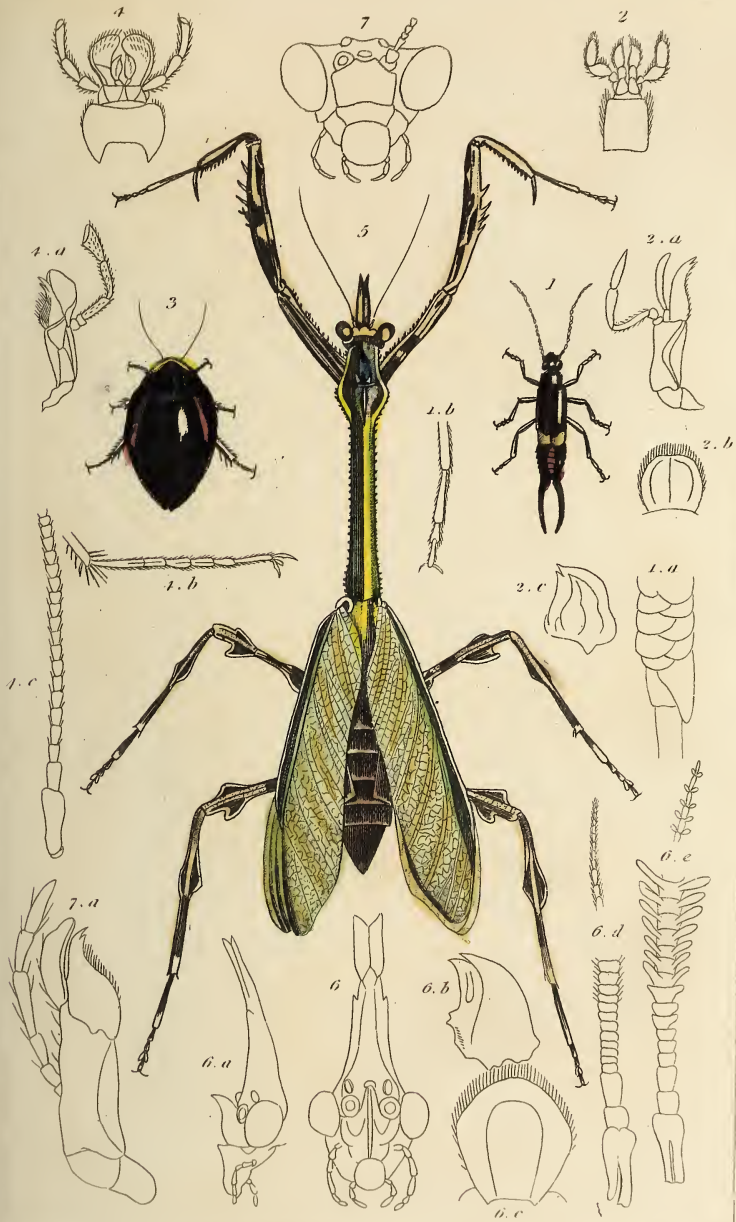


1. *Erotulus bengalensis*. Guér. 2. *Aegythus surinamensis*. Fabr. 3. *Triplax bimnipis* Chev. 4. Anterior of the *Triplax nigripennis*. Fabr. 5. *Languria africana*. Chev. 6. *Phalacrus granulatus*. Guér. 7. *Eumorphus humatus*. Guér. 8. *Dapsa trimaculata* Megerle. 9. *Endonychus tibialis* Chev. 10. Anatomical details of the *Lycoperdina bivivista* Fabr. 11. *Lycoperdina lata*. Chev. 12. *Lathophilus ruficollis*. Dahl.

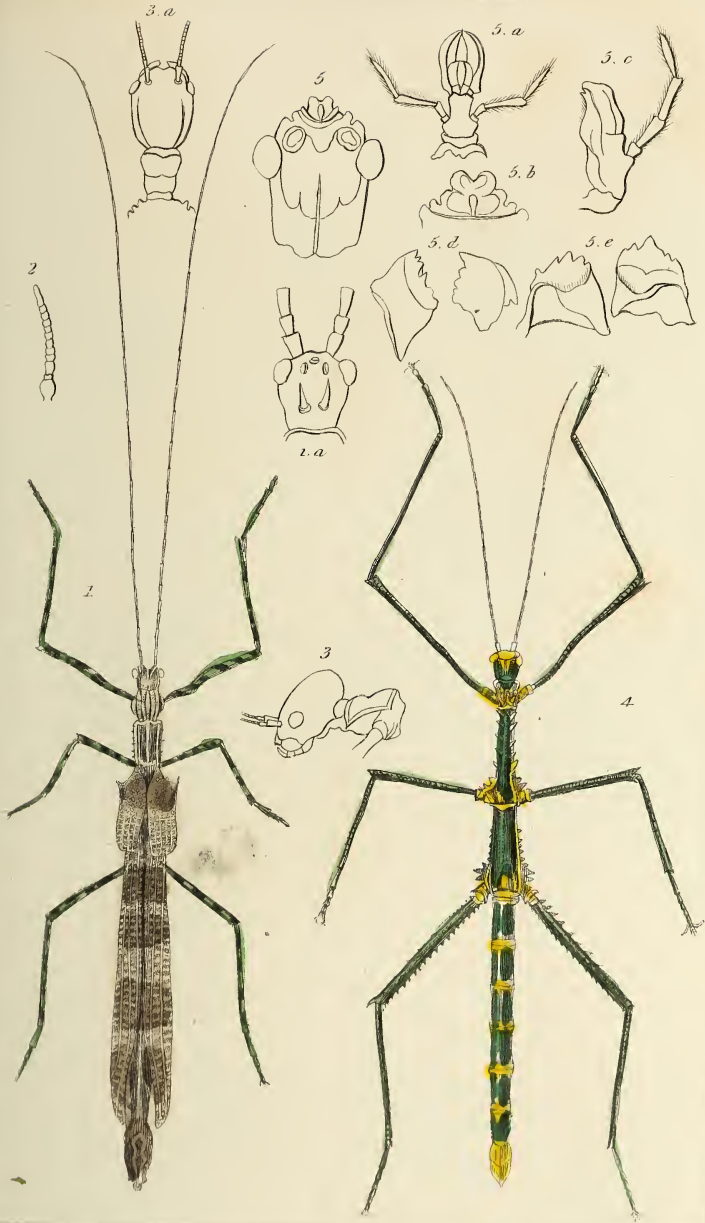




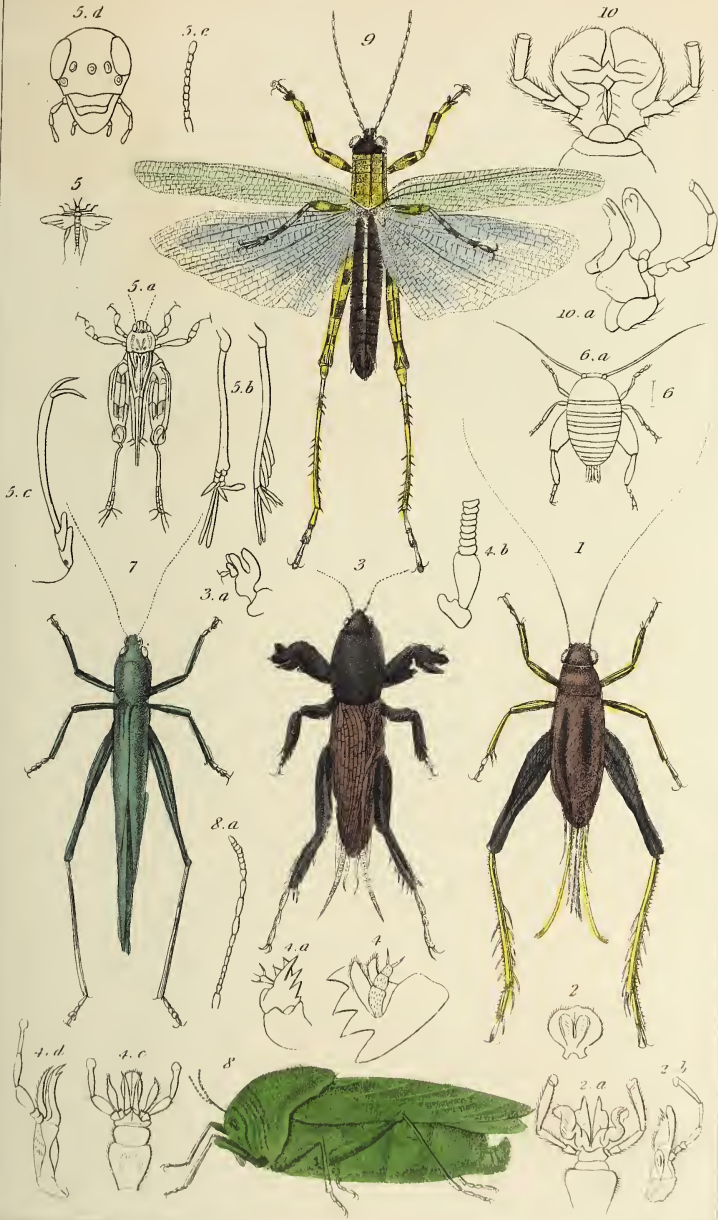
1. *Coccinella furcifera*. Gær. 2. Anatomical details of the *Coccinella pectata*. Lin. 3. *Cacidula litura*. Fab. 4. *Syrninus punctatus*. Illig. 5. *Clypeaster pusillus*. Gyl. 6. *Metopius curculionoides* Goy. 7. *Chemnitz*. 8. *Dionix*. 9. *Pythinus*. 10. *Pselaphus heisei*. Herbst. 11. *Bryaxis lefebvrei*. Aub. 12. *Bryaxis longicornis*. Leach. 13. *Bryaxis antennata*. Aub. 14. *Euplectes Kirbyi* Domy. 15. Anatomical details of the *Euplectes nimis*. Reich. 16. *Claviger foveolatus*. Mull. 17. *Ptilium fasciculare*. Herbst.



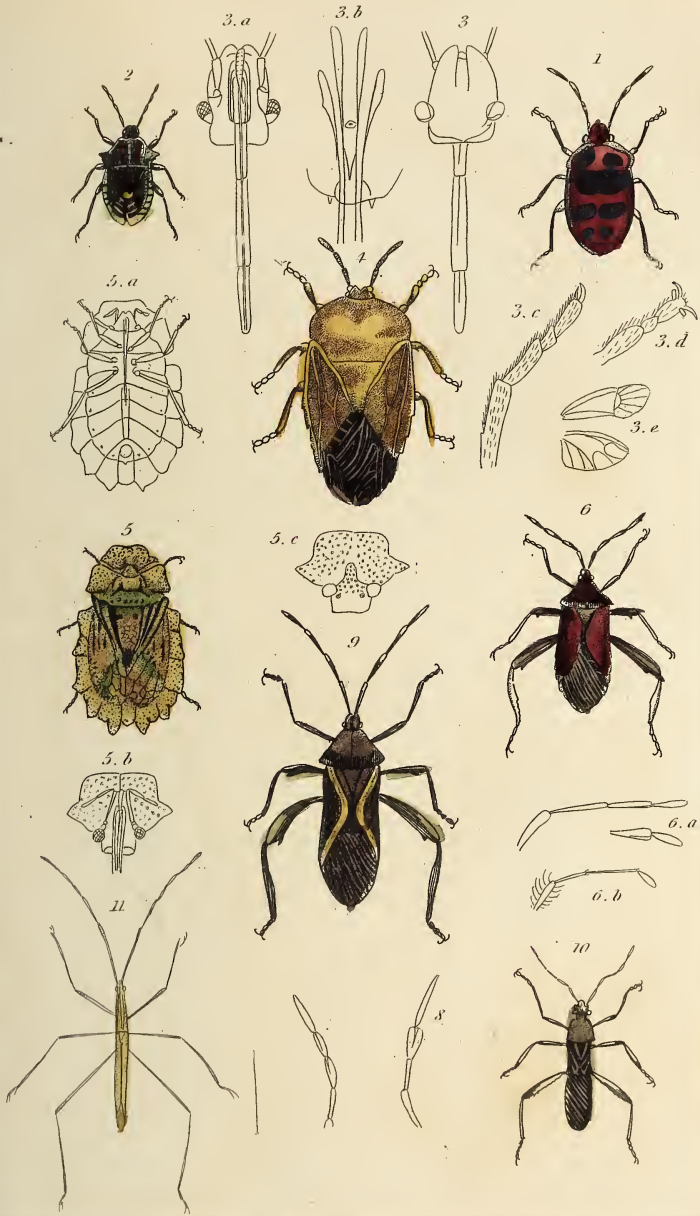
1. *Forficula (Spongiphora) Serv. croceipennis* Serv. 2. Anatomical details of the *Forficula auricularia* Lin. 3. *Blatta (Phoraspis) Serv. picta* Fab. 4. Anatomical details of the *Blatta (Phoraspis) Serv. picta* Fab. 5. *Empusa laevis* Olivier. 6. Anatomical details of the *Empusa pauperata* Fab. 7. Anatomical details of the *Mantodea religiosa* Lin.



1 *Phasma annulata* Serv. 2. Antennae of the Bacillus. 3. Head of the Cephoerama. 4. *Bacteria cubrosa* Perch. 5. Anatomical details of the *Cladocerus rescriptus* Guér.

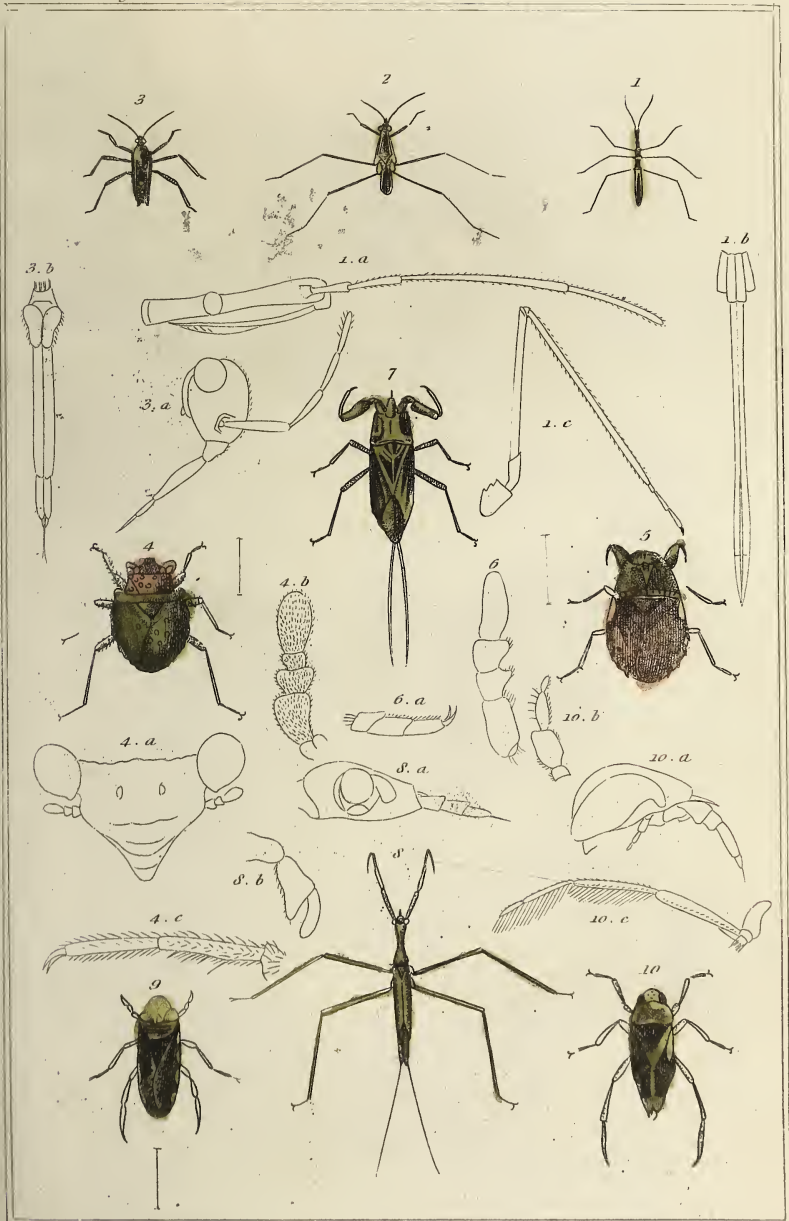


1. *Gryllus sericeus* Linn. 2. Anatomical details of the *Gryllus campestris* Fab. 3. *Gryllotalpa didactyla* Latr. 4. Anatomical details of the *Gryllotalpa vulgaris*. 5. *Tridactylus fasciatus* Persh. 6. *Myrmecophilus acervorum* Linn. 7. *Locusta erythrosoma* Encyclopedus. 8. *Pacumora inanis* Fab. 9. *Acydium variegatum* Latr. 10. Anatomical details of the *Acydium nigrotorum*



1. *Scutellera divisa*. Guér. 2. *Pentatomia yolofo*. Guér. 3. Anatomical details of the *Pentatomia grisea*. Latr. 4. *Tessaratoma Somneratii*. Serv. & S^r Foy. 5. *Plthra crassidoides*. Serv. & S^r Foy. 6. *Coreus rubiginosus*. Guér. 6. a. Antennae of the *Coreus*. 6. b. Antennae of the *Syrantastes*. 7. Antennae of the *Pachlis*. 8. Antennae of the *Hollymenia*. 9. *Anisoscelis profanus*. Fab. 10. *Alydus unnilicornis*. Guér.

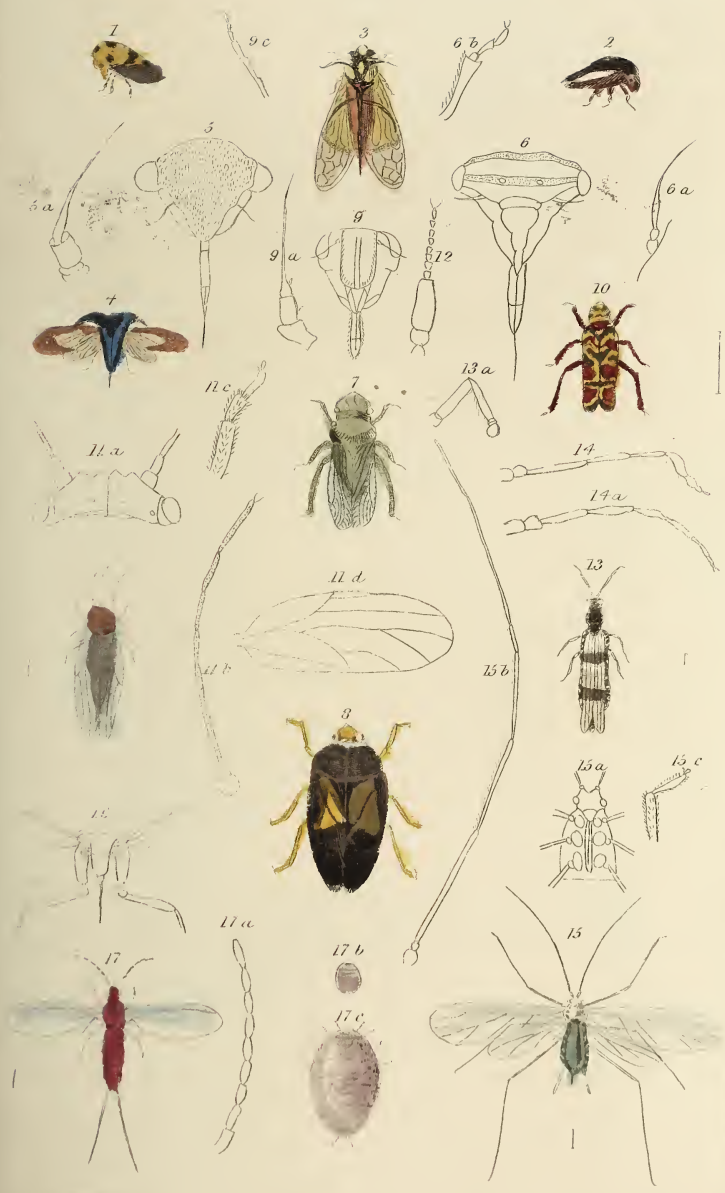
11. *Noidea tipularia*. Latr



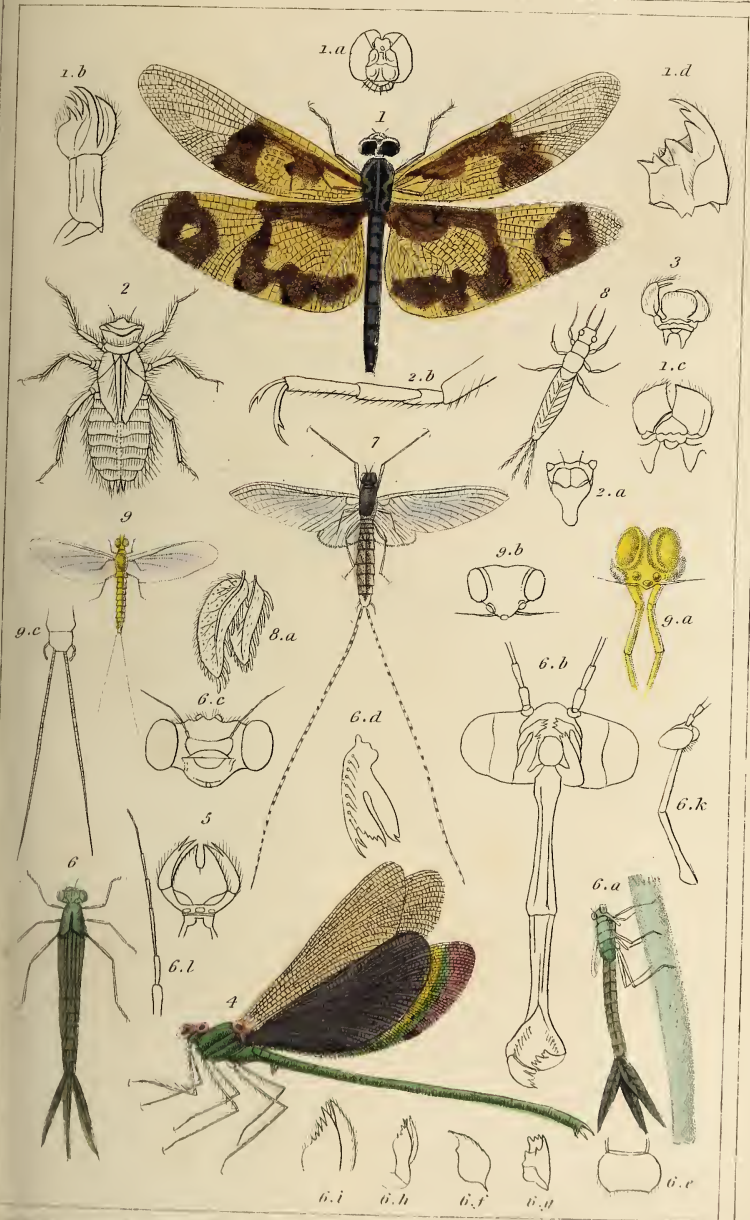
1. *Hydrametra stagnorum* Lin. 2. *Geris marginatus* Guér. 3. *Velia rivulorum* Ebr. 4. *Gal-gulus flavus* Guér. 5. *Naucoris Poyi* Guér. 6. Antennae of the *Sphaerodemia reticulata* Lap. 7. *Nepa grisea* Guér. 8. *Hannatra filiferens* Ebr. 9. *Corixa cuba* Guér. 10. *Notonecta furcata* Ebr.



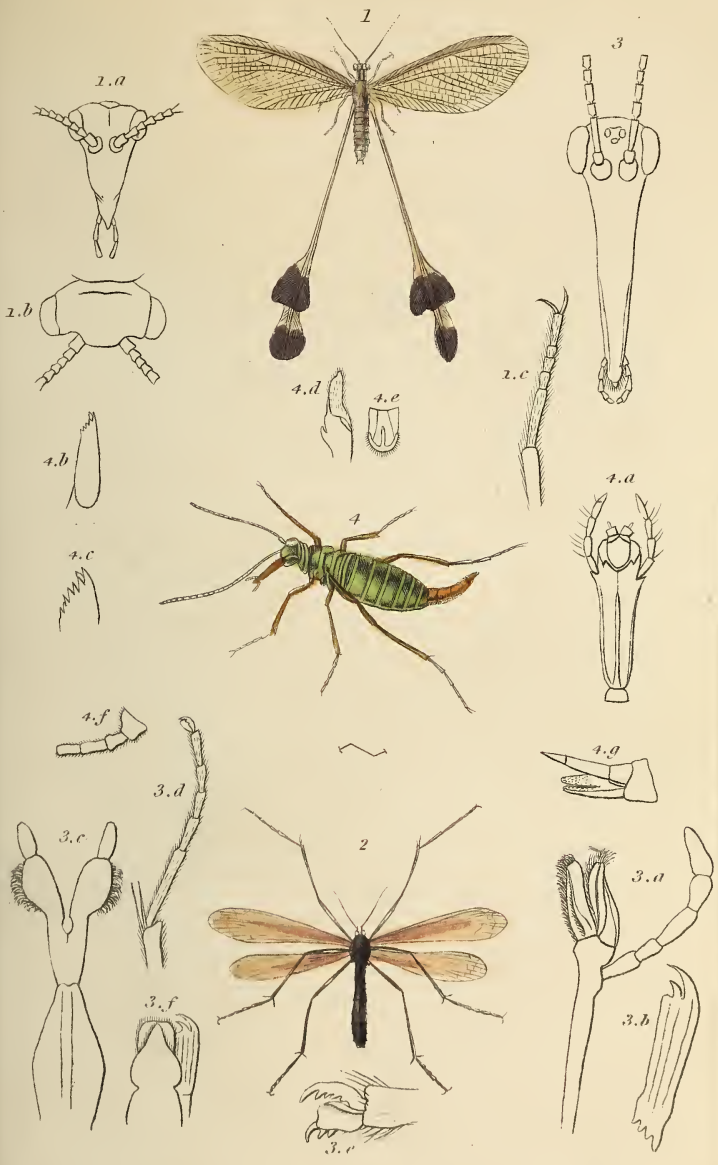
1 Cicada *Diardii* Guér. 2 *Fulgora Lathburii* Kirby. 3 *Apharna variegata* Guérin. 4 *Cixius pellucidus* Guér. 5 Head of the *Lystra lanata* F. 6 *Ricania marginella* Guér. 7 *Peciloptera maculata* Guér. 8 Head of the *Flata floccosa* Guér. 9 *Tettigometra varescens* Lat. 10 *Issus pectimpennis* Guér. 11 Head of the *Issus coloptratus* F. 12 Head of the *Otiocerus Coquebertii* Kirby. 13 *Anotia coccinea* Guér. 14 Head of the *Derbe pallida* Fab. 15 *Asiraea clavicornis* Fab. 16 *Pygopus Percheronii* Guér. 17 Head of the *Delphax minutu* F.



1 *Membracis mexicana*, Guér. 2 *Darius allinis*, Guér. 3 *Boecidium proximum*, Guér. 4 *Centrotus antheropis*, Guér. 5 Anatomical details of the *Centrotus*. F. 6 Anatomical details of the *Etalon ebendatum*, Lat. 7 *Iskra aurata*, F. 8 *Cercopis viridis*, Herr. 9 Anatomical details of the *Cercopis*. 10 *Tengonia pulchella*, Guér. 11 *Psylla geminata*, Guér. 12 Anatomical details of the *Psylla*. 13 *Thrips*, Guér. 14 Antenna of the *Thrips*. 15 *Aphis*, Guér. 16 *Heilys*, Guér. 17 *Coccinella*, Guér.

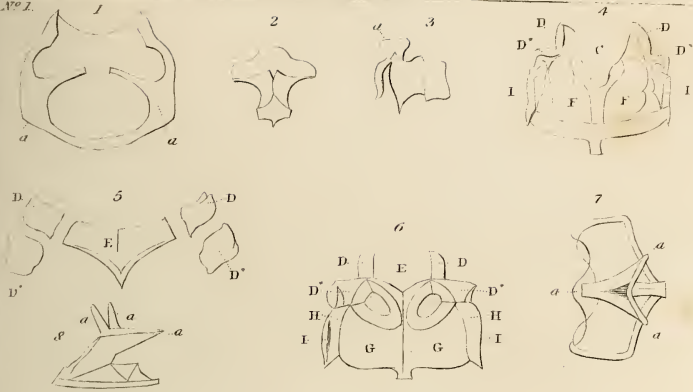


1. *Libellula indica*, Fabr. 2. Nymph of the *Libellula depressa*, Lin. 3. Mand. claws of the *Libellula depressa*, Fabr. 4. *Agrion chinensis*, Guér. Fabr. 5. Mand. claws of the *Agrion virgine*, Fabr. 6. Nymph and anatomical details of the *Agrion puella*, Lin. 7. *Ephemera limbata*, Serv. 8. Larva of the *Ephemera limbata*, Lin. 9. *Ephemera biculata*, Fabr.

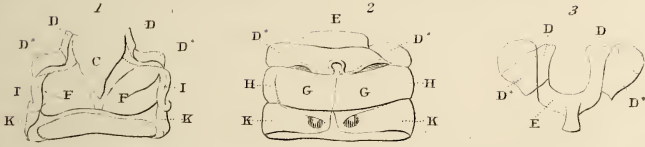


1. *Xenoptera extensa*. (Oliv. / *Halterata* Fab.) 2. *Wittacus tipularius*. Latr.
 3. *Anatomical details of the Panurpa communis*. Lin. 4. *Boreus hiemalis*. Lin.

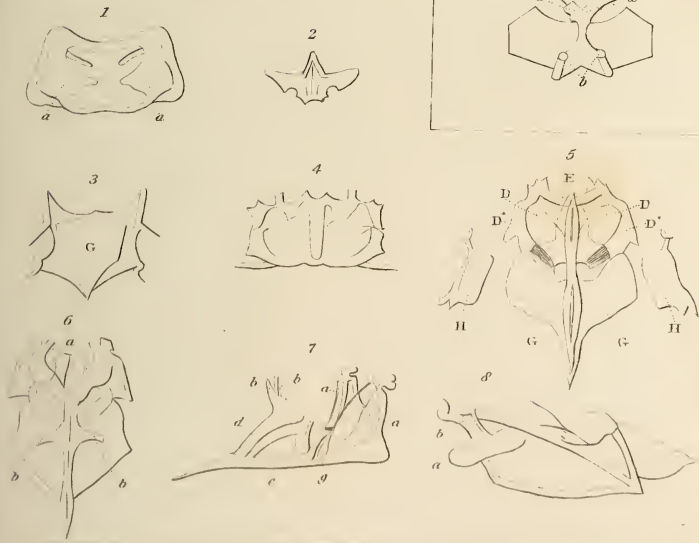
N^o 1.



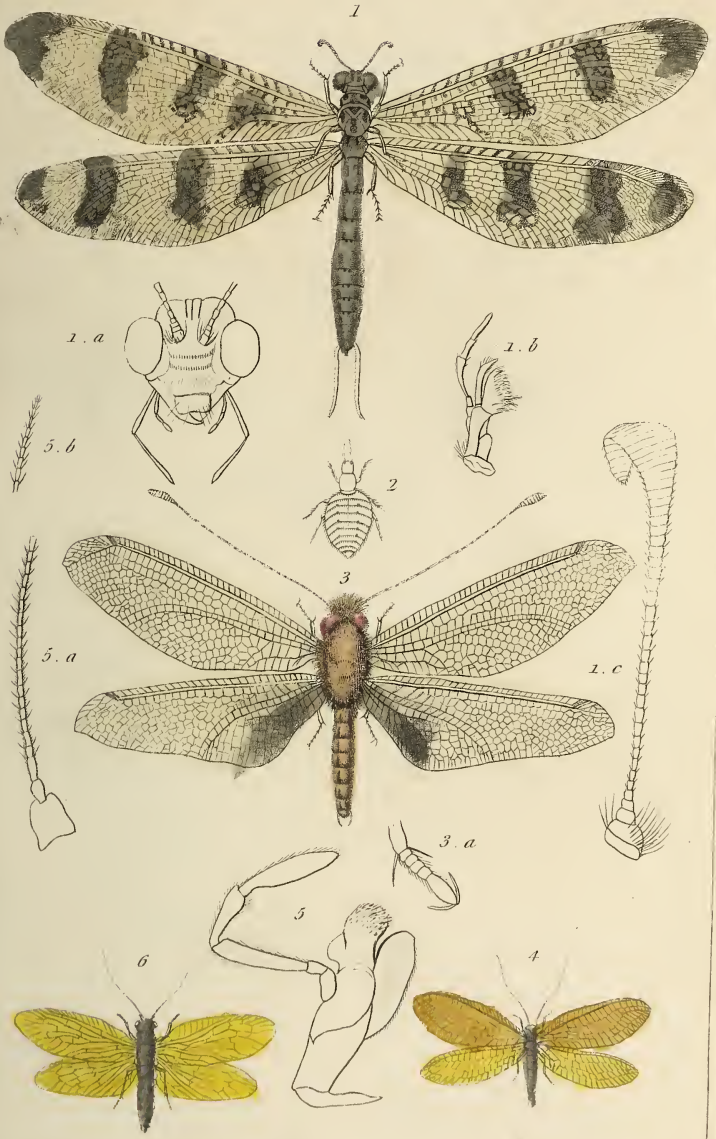
N^o 2.



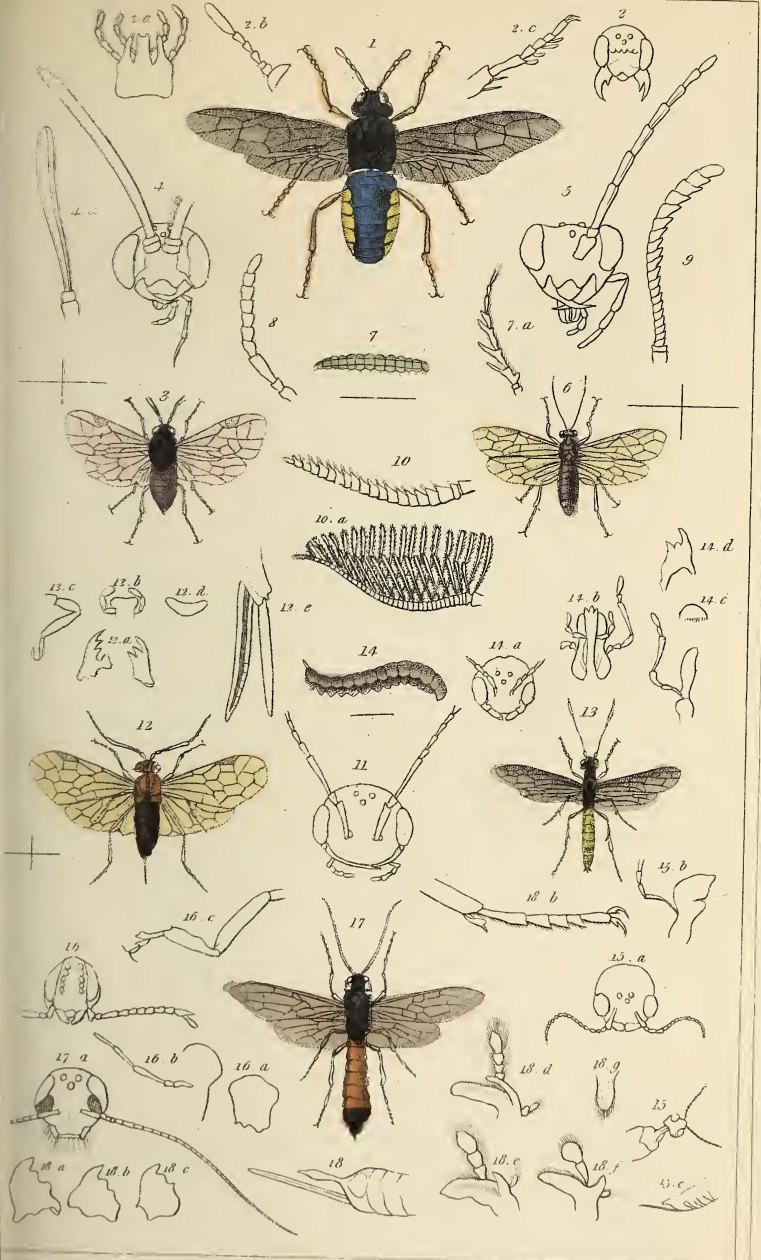
N^o 3.



Organs of Motion in Insects.

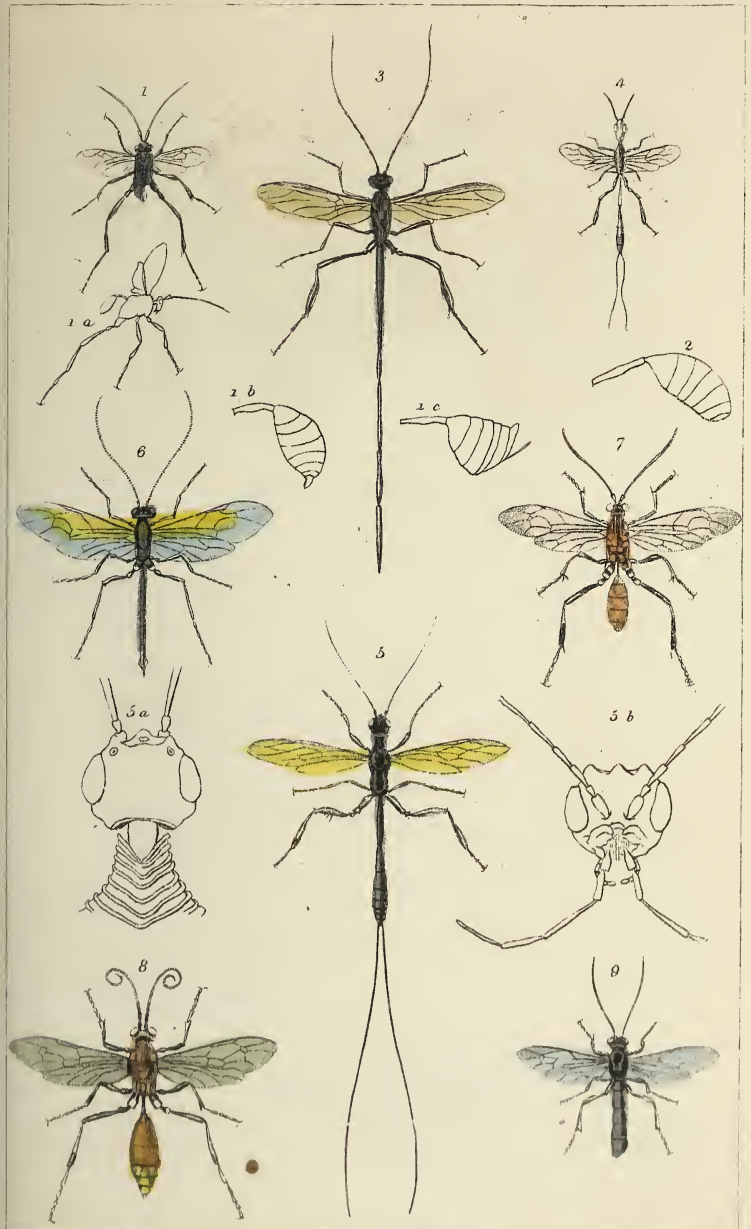


1. *Myrmelco Percheronii*. Guér. 2. Larva of the *Myrmelco fornicatus* L. 3. *Ascalaphus Bristolianus*. Guér. 4. *Hemerobius capitatus*. Fabr. 5. Anatomy of the *Hemerobius* of Egypt. 6. *Stalis lularius*. Latr.

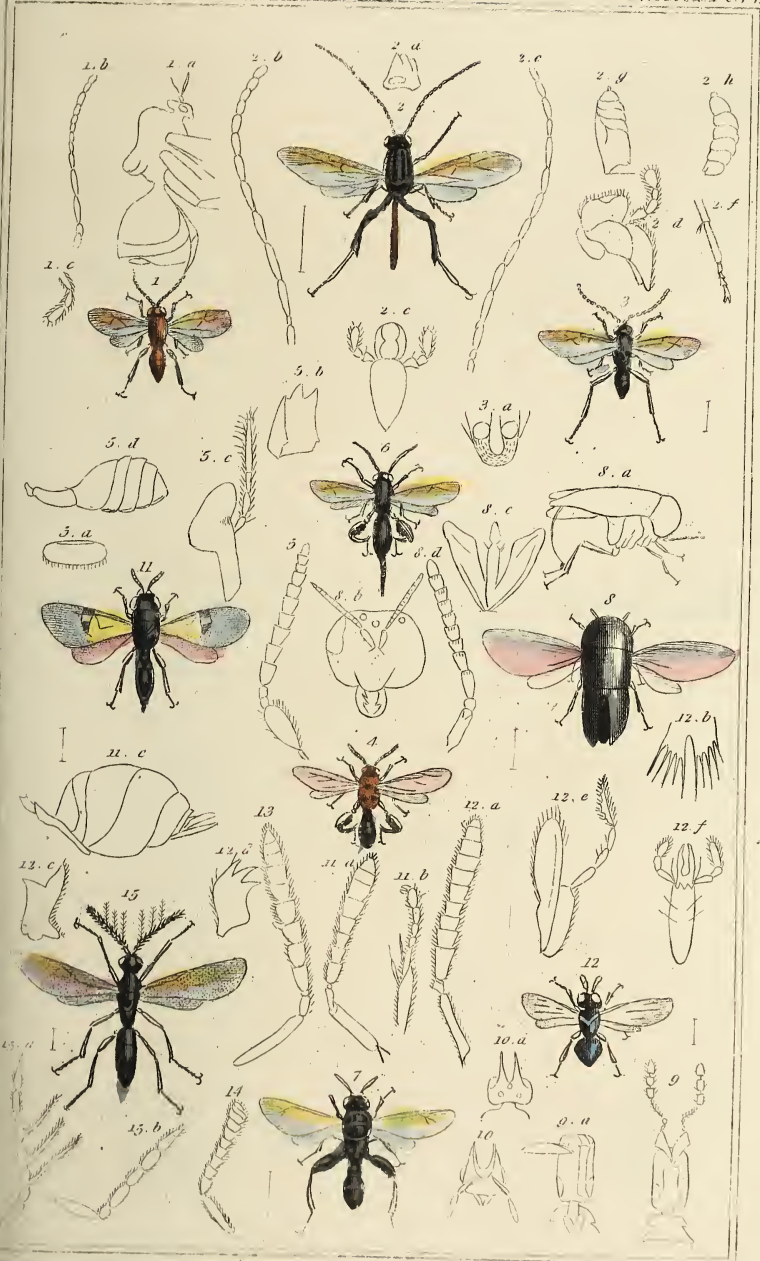


1. *Anthaxia lateralis*. Guér. 2. Anatomy of the Perga. 3. *Schizocera furcata* Fab. 4. Anatomy of the Hyalid. 5. Anatomy of the Tentredo. 6. *Cladius pallipes* Lep. 7. Anatomy of the Athalia. 8. Anatomy of the Athalia. 9. Anatomy of the Pterygophorus. 10. Anatomy of the Cladius. 11. Anatomy of the Amphidius. 12. *Xyela pusilla* Dal. 13. *Cephus flaviventris* Lef. 14. Larva &c. of the *Cephus pygmaeus*. 15. Anatomy of the Xyph. 16. Anatomy of the Oryssus. 17. *Surex labele* Lef. 18. Anatomical details of the Surex. 19. Anatomy of the Surex. 20. Anatomy of the Surex. 21. Anatomy of the Surex. 22. Anatomy of the Surex. 23. Anatomy of the Surex. 24. Anatomy of the Surex. 25. Anatomy of the Surex.

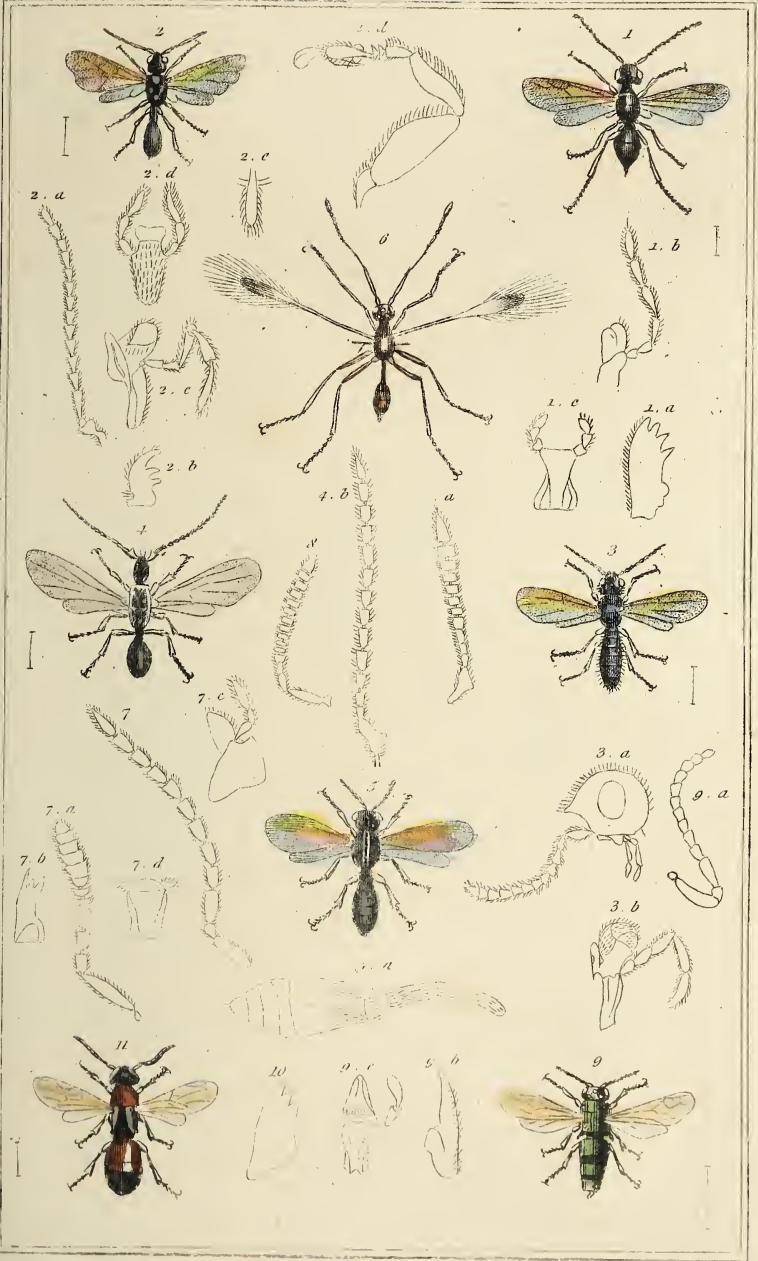




1 *Evania cidae* Guér. 2 abd. omen of the *Evania appendigaster*, Fab. 3 *Pelecinus polycerator*, Lat. 4 *Evania asponia* Serv. 5 *Stephanus furvatus* Serv. 6 *Ophion marginatus*, Esch. 7 *Sappa pida* Serv. 8 *Ichneumon gressorius* Grav. 9 *Pelastus suarius* Grav.



Cynps quercus toyi, Fab 2 *Bahia castellanorum* t. 3. *Egypus scutellaris* Lat 4 *Chalcis lasiocera*.
 var. 5. Anatomical details of the *Chalcis quercuani* var. 6. *Chalcis caudatus* Guér. 7. *Leucospus*
reticulata Guér. 8. *Thorneautha Latreillii* Guér. 9. Head of the *Dirhinus* 10. Head of the *Dirhinus*
albi 11. *Eurytoma cooperi* Curt 12. *Perilampus violaceus* Fab. 13. Antennae of the *Cleonus*
albi 14. Antennae of the *Encyrtus* 15. *Eulophus pectinicornis* Fab



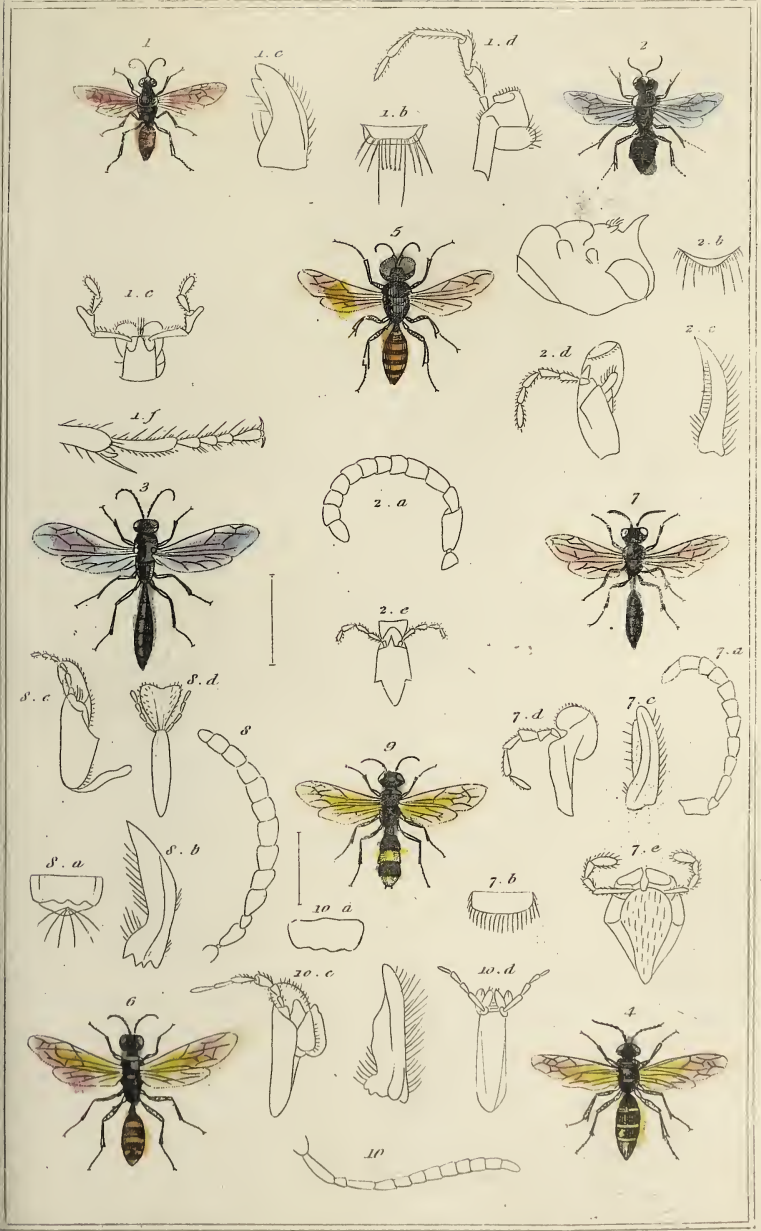
1 *Dryinus cursor* Hal. 2 *Helorus anomalipes* Parz. 3 *Sparastion frontale* Lat. 4 *Galeus fuscipennis* Cart. 5 *Phlygaster Boscii* Jur. 6 *Mymar pulchellus* Walk. 7 Anatomical details of the *Teleas clator* Hal. 8 Antennae of the *Cinctus*. 9 *Chrysis mexicana* Guér. 10 Anatomical details of the *Hedychrum*. 11 *Cleptes thoracica* Lap.



1. *Formica rufa*, L. 2. *Atta* ? *armigera*, Lat. 3. *Cryptocerus atratus*, Latr. 4. *Mutilla ephippium*, Fabr. 5. Anatomical details of the *Mutilla ephippium*, Fabr. 6. *Myrmica melanoccephala*, Lat. 7. *Methoca ichneumonides*, Lat. 8. *Tengyra Sanvitoli*, Lat. 9. *Myzine volutus*, Lat. 10. *Scolia formosa*, Guér. 11. *Sapyga varia*, Lat.

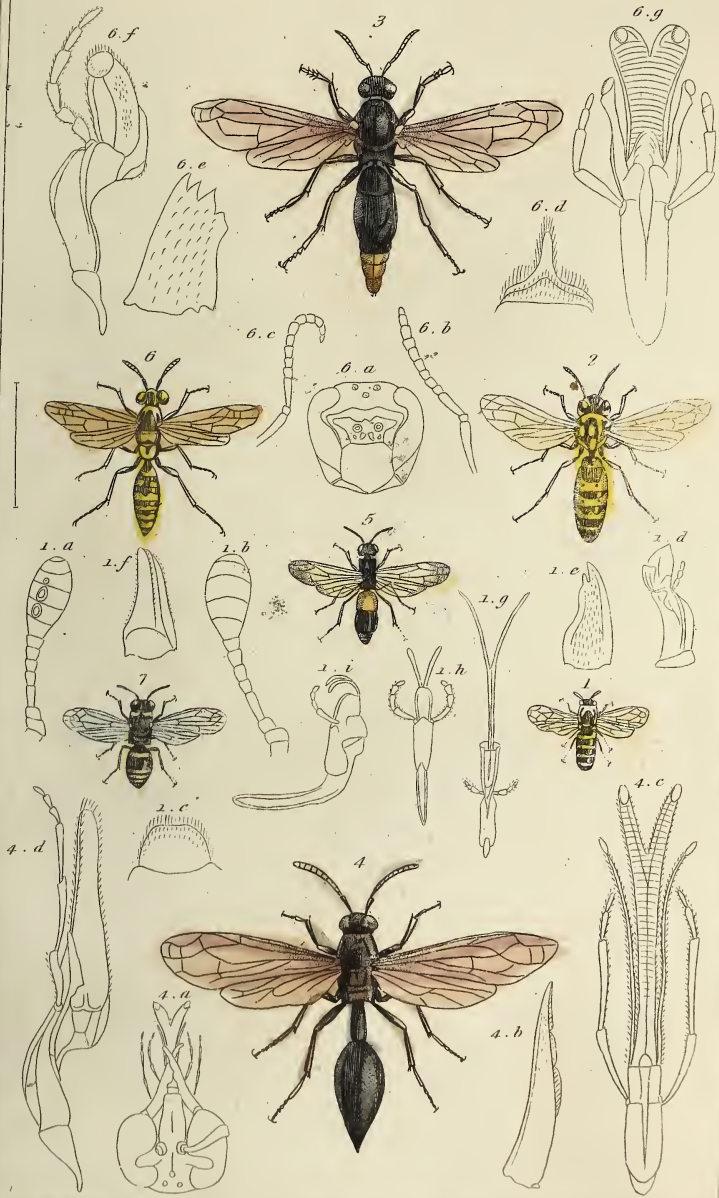


1. *Pompilus viaticus*. F. 2. *Sphex aruventa*. Guér. 3. *Ammophilus apicalis*. Guér. 4. *Ampulex compressiventris*. Guér. 5. *Pelopaeus luatus*. F. 6. *Bembex peruviana*. Guér. 7. Anatomical details of the *Bembex*. 8. Anatomical details of the *Monedula*. 9. *Lyrops auriventris*. Guér. 10. *Bimetus pictus*. Jurinc.



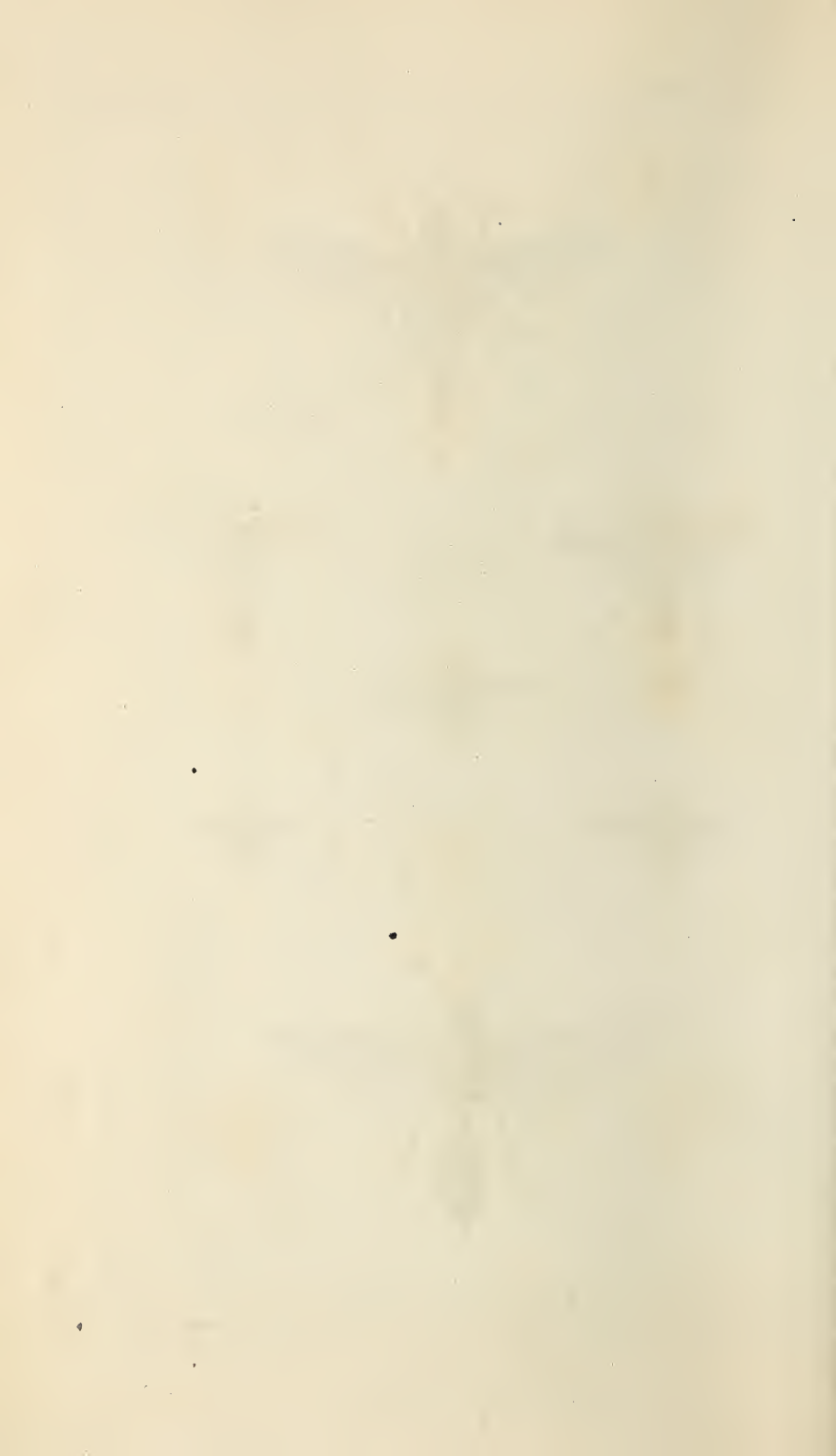
1. *Astata boops*. Spin. 2. *Oxybelus unigularis*. Fab. 3. *Trypoxylon figulus* Lat. 4. *Gorytes mystaceus*. Lat. 5. *Craobro cephalotes*. L. 6. *Mellinus arvensis*. L. 7. *Psen ater* Lat. 8. *Phyllanthus androgyneus*. Reva. 9. *Cercevis bifasciata*. Emér. 10. *Cercevis licta*. F.

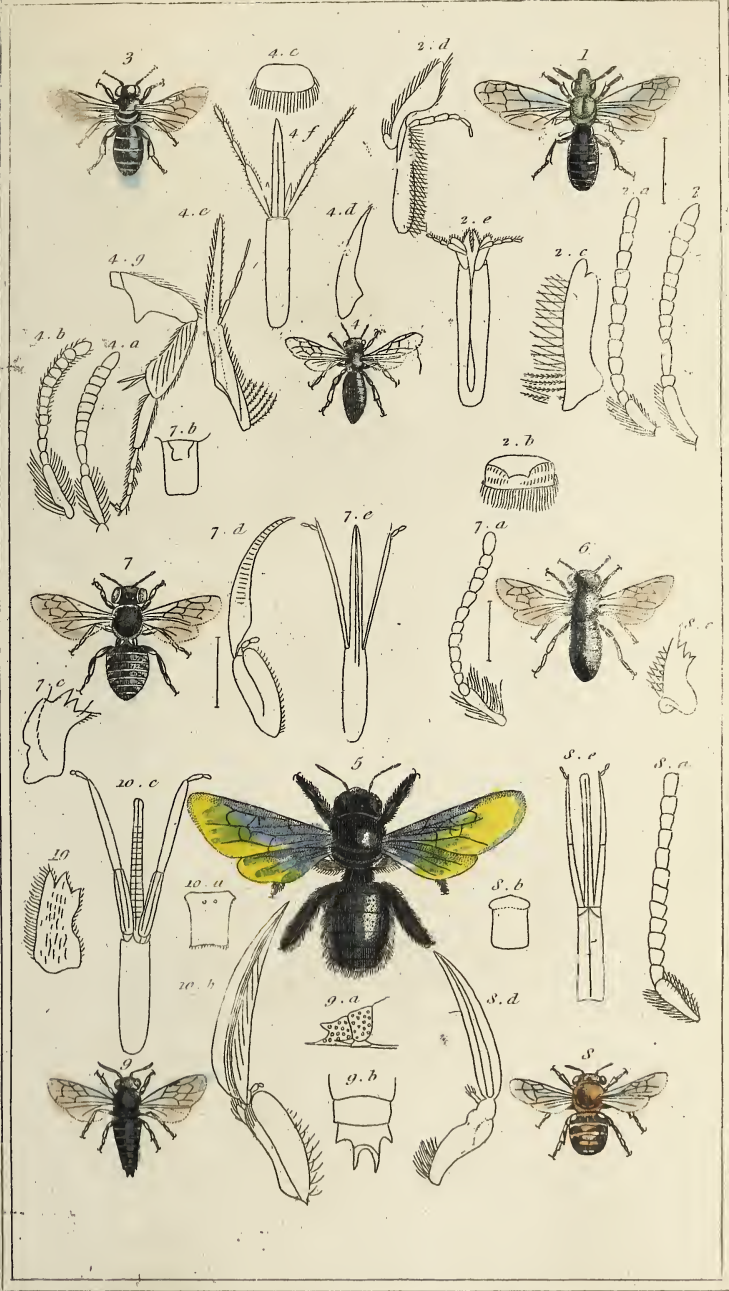
Londini. G. Blanderson. 2. Old Bailey.



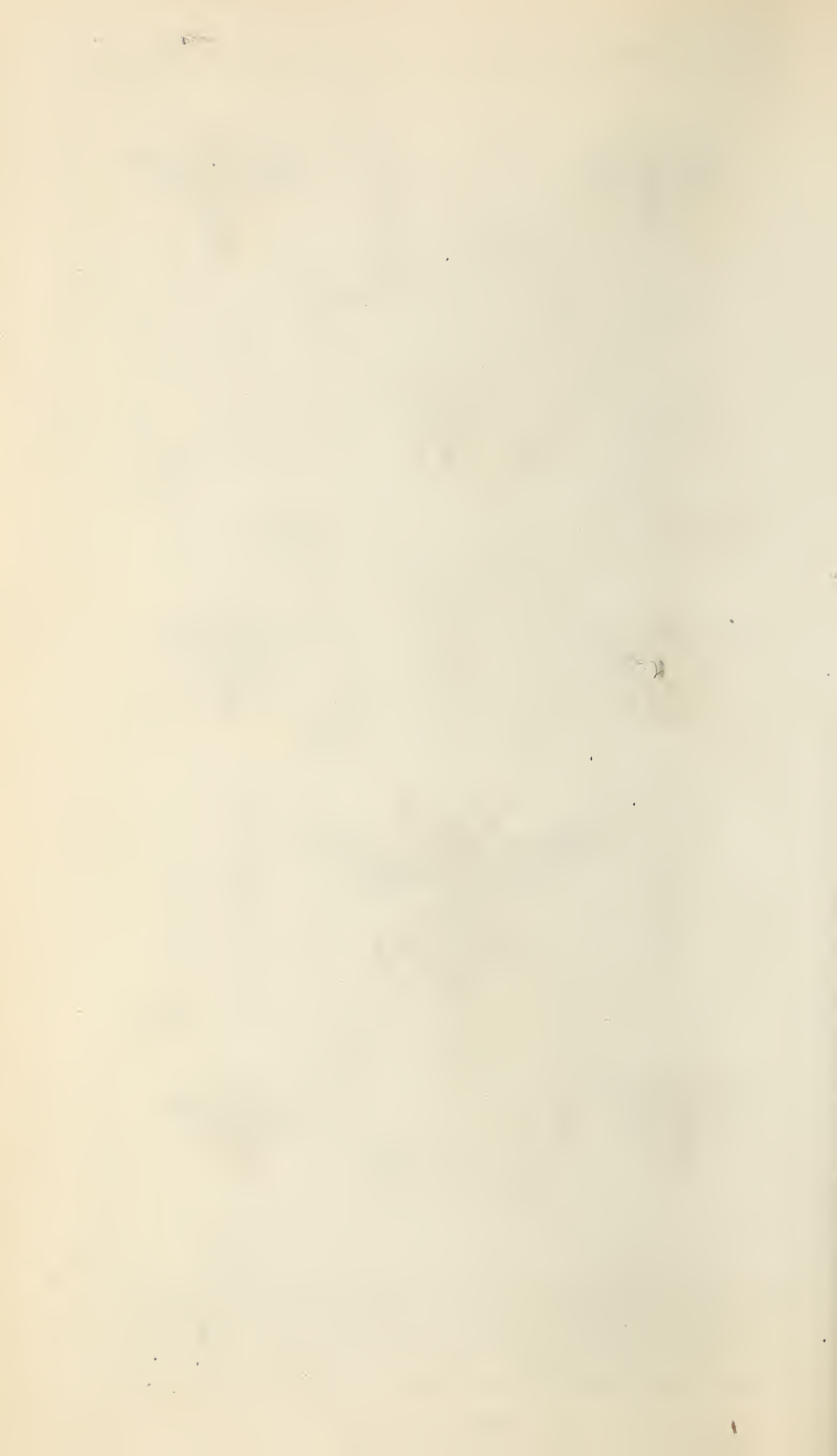
1. *Celonites apiformis*. Lat. 2. *Ceramius fonscolombii*. Klug. 3. *Synagris Galida*. Fab.
 4. *Eumenes Savignyi*. Guér. 5. *Odynerus elegans*. Guér. 6. *Polistes Lefebvrii*. Guér.
 7. *Polistes nidulans*. Fab.

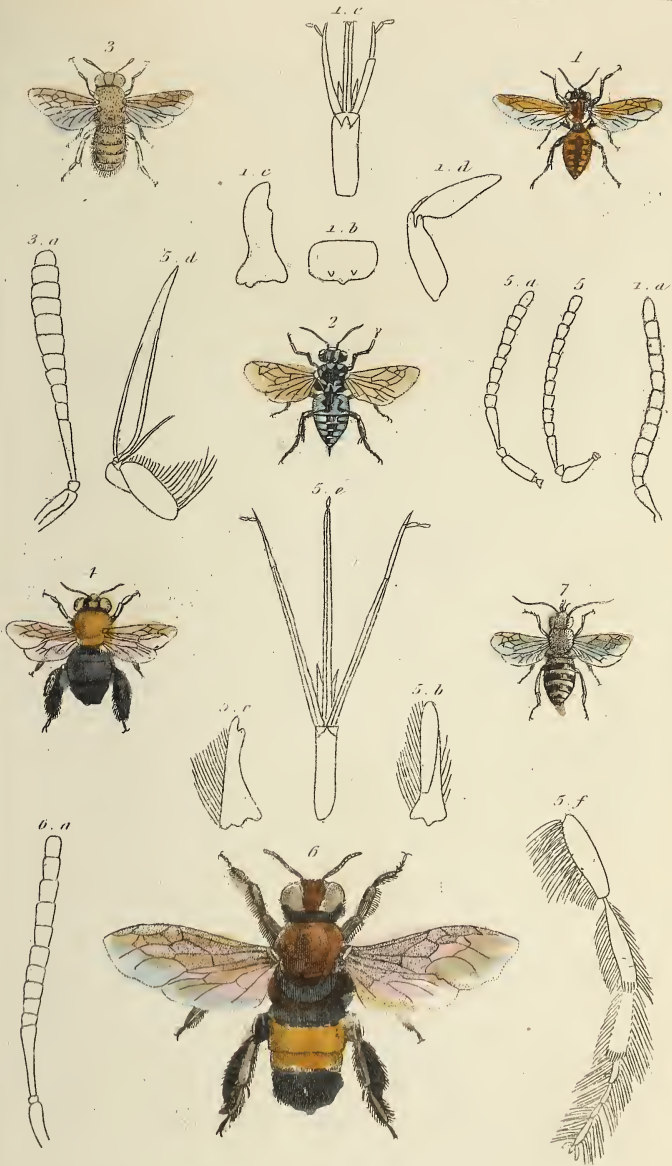
London, G. Anderson, 2, Old Bailey.





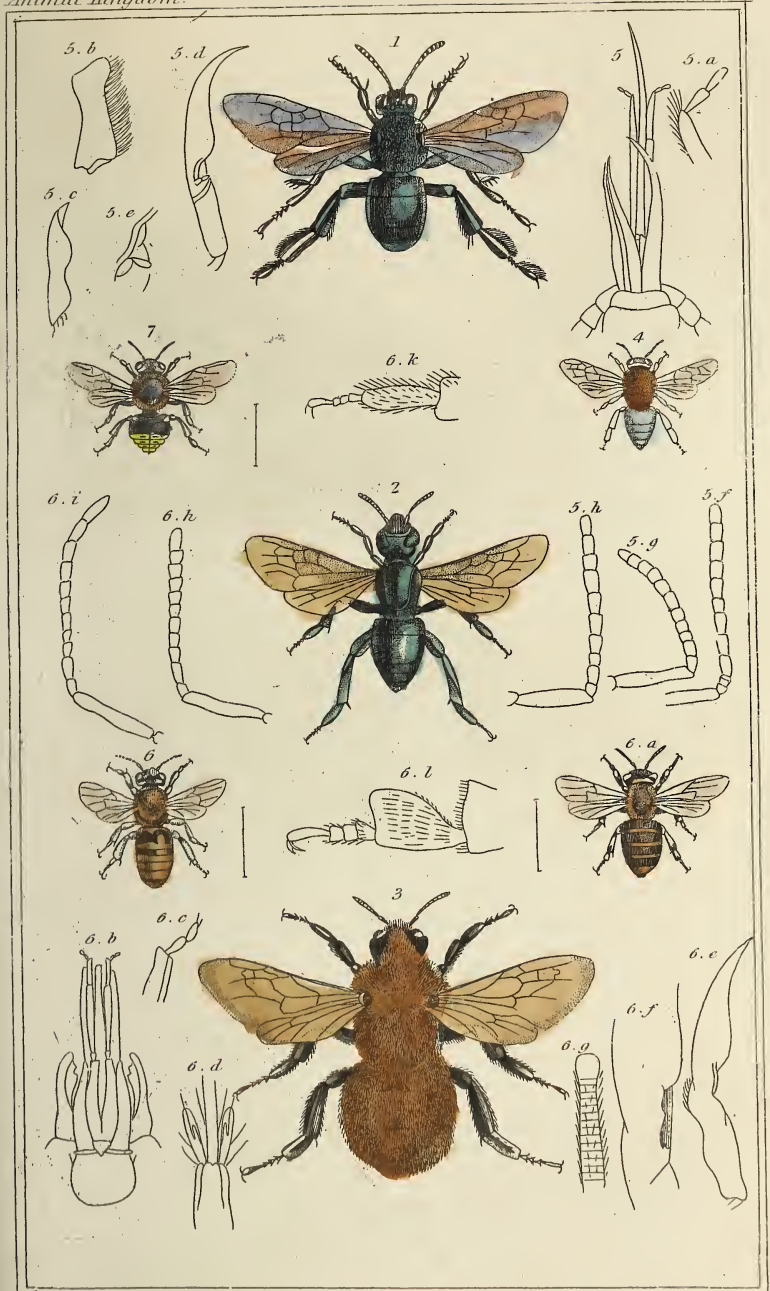
1. *Andrena femoralis*. Guér. (Cuba) 2. Anatomical details of the *Andrena Kirbii*. Curt.
 3. *Nomia crassipes*. Oliv. 4. *Panurgus ater*. Lat. 5. *Xylocopa auripennis*. Lep. 6.
Ceratina viridis. Guér. 7. *Megachile centuncularis* L. 8. *Anthidium diadema*. Latr.
 9. *Gelisoxys rufipes*. Guér. (Cuba)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





1. *Epeolus variegatus*. 2. *Crocisa patchella* Guér. 3. *Melitturga clavicornis* Latr. 4. *Anthophora apicalis* Guér. (Cuba) 5. Anatomical details of the *Anthophora Bowerthana* Kirby 6. *Centris rhyacata* Lepel. 7. *Macrocera lasioceris* Guér. (Cuba)

London, G. Henderson, 2 Plt Bailey.



1. *Acanthopus splendidus*. Klng. 2. *Englossa dentata*. Lat. 3. *Bombus Pahlbonii*. Guér. 4. *Apis Alansonii*. Lat. 5. Anatomical details of the *Apis mellifica*. L. 6. *Melipona fulvipes*. Guér. (Cuba) 7. *Trigona fuscata*. Guér.



Organs of Sensation in Insects



Organs of Sensation in Insects



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

3 *Parnax sius phorbis*. Fabr. Godard. 4 *Thais cerisyi*. Godard.



1. *Pieris thuris* Godard. 2. Caterpillar & Chrysalis of the *Pieris brassicae* L.
 3. *Heliconia Laugsdorfii* Godard. 4. *Danaida carice* Godard.



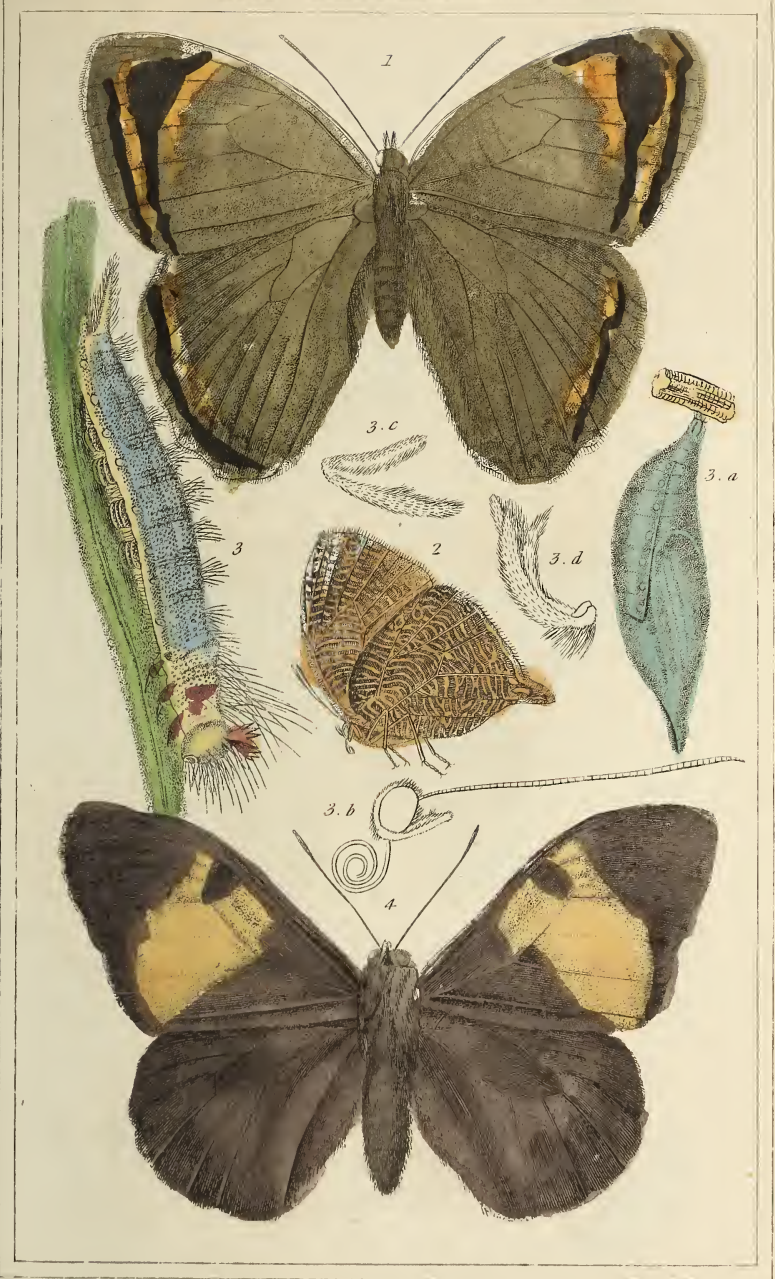
1. *Amessa callithen*, Godard. 2. *Argynnis moneta*, Cress. 3. Caterpillar & Chrysalis of the *Argynnis pophia* Godard. 4. *Nymphalis ethea*, Godard. 5. Caterpillar & Chrysalis of the *Nymphalis ethea*, Godard.





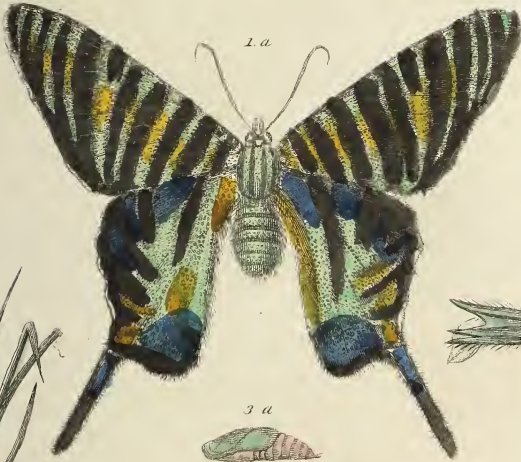
1. *Salixus Halder*. Bois. 2. Caterpillar & Chrysalis of *Salixus jurtina*. Godard.
 3. *Eumonia toxea*. Godard. 4. *Erybia carolina*. Godard.



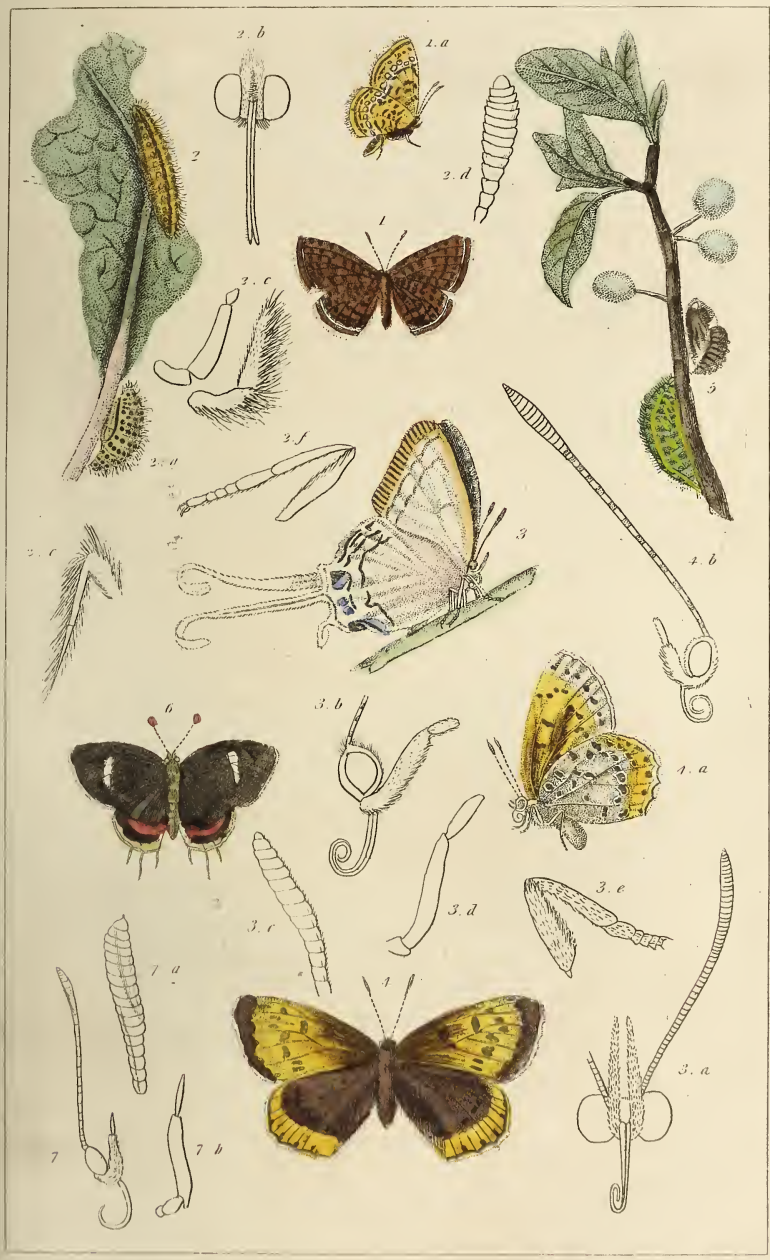


1. *Pavonia acadina*, Godard. 2. *Morpho acturion*, Godard.

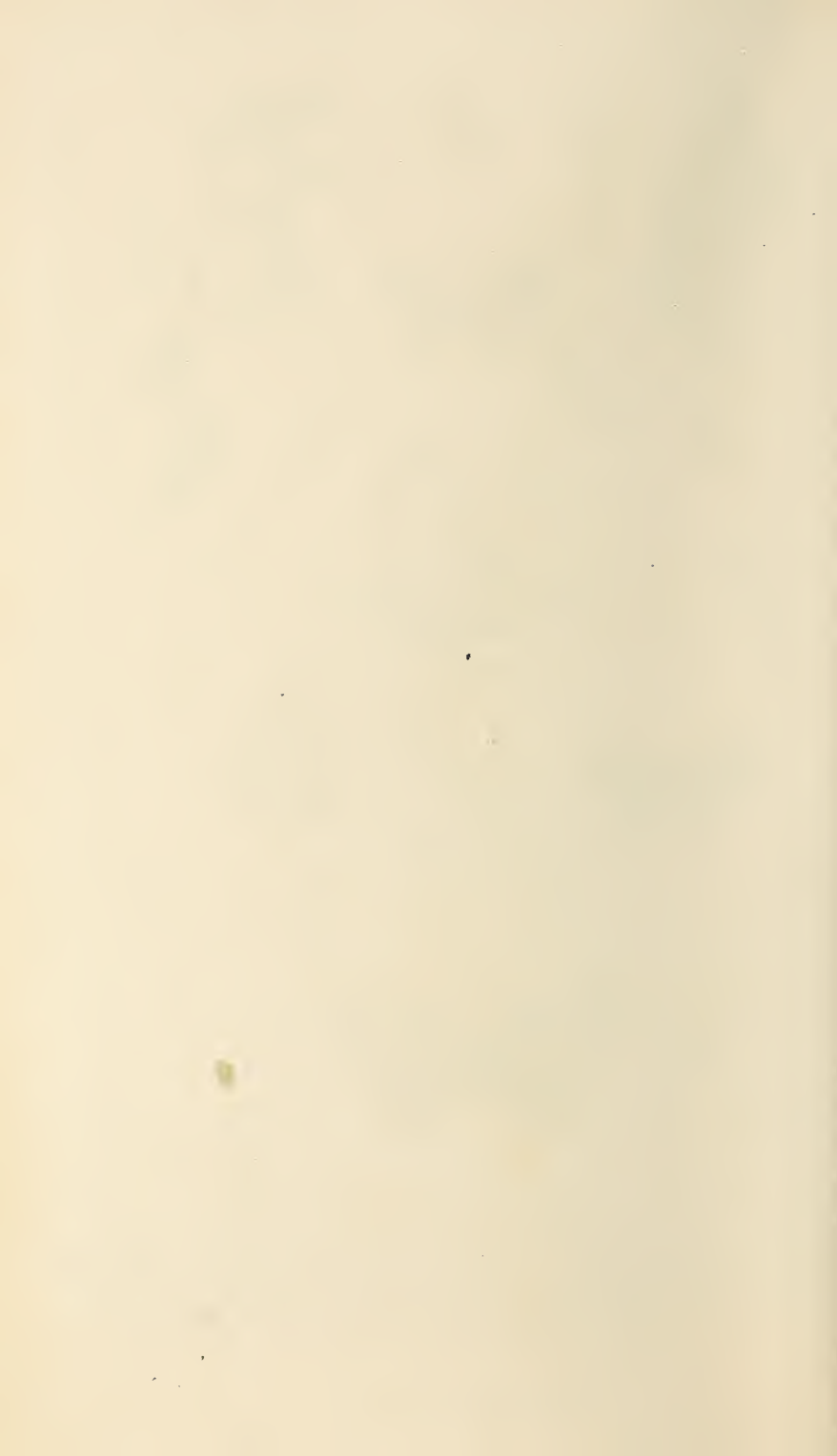
3. Anatomical details of the *Morpho philippus* Godard. 4. *Brassolis asyra*, Godard.

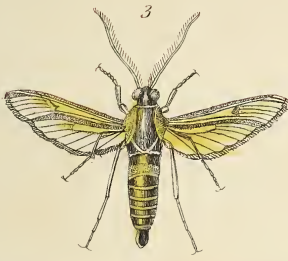
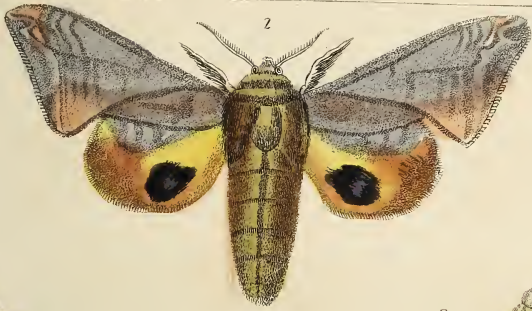


1. *Urania Boisduvalii* G. 2. *Hesperia sabadus* Edw. 3. Caterpillar & Chrysalis of *Hesperia* Gues. Fab.
 1. Caterpillar of *Hesperia* Linnaeus. Fab.



1. *Erycina virginitensis* Boisid. 2. Caterpillar Chrysalis & Anatomy of the *Erycina lucina*. 3. *Myrina* *Infra* Godard. 4. *Polyommatus Thoe* Boisid. 5. Caterpillar & Chrysalis of the *Polyommatus pruni*. Godard. 6. *Zephyrinus amor* Palm. 7. Anatomy of the *Polyommatus roxus* Godard. 8. *Erycina heros* f.





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

3 *Sesia asilipennis* Bly.



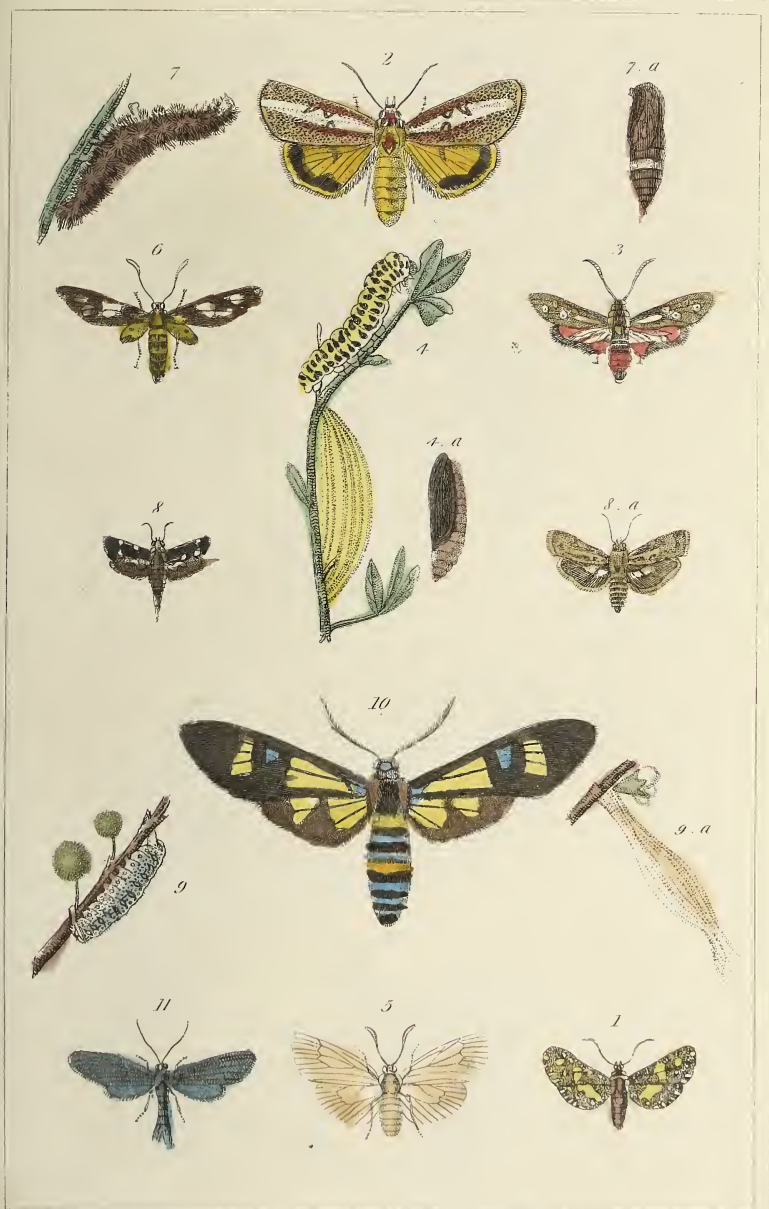
1. *Hepialus lupulinus* Fab. 2. *Cossus Moenmirei* Bly. 3. Caterpillar of the *Cossus liquiperda* Fab. 4. *Stygia australis* Lat. 5. *Zenzera scalaris* Donov. 6. Caterpillar of the *Zenzera arsculi* Fab. 7. Caterpillar of the *Hepialus humuli* Fab.

London: W. Henderon, & Old Bailey



1. *Agarista Pales*, Bby. 2. Caterpillar & Chrysalis of the *Agarista glycina*, Lwin.

3. *Caronia leucii*, Godard. 4. *Castnia Lerwoides*, Bby.



1 *Thyris sepulchralis*, Bdv. 2 *Egocera vretitinea*, Bdv. 3 *Zigana pulchella*, Bdv. 4 *Zigana filipendula*, Lw. 5 *Procris nebulosa*, Klug. 6 *Syntomis myodes*, Bdv. 7 *Syntomis plaga*, Fab. 8 *Atychia puncta*, Orb. Lat. 9 Caterpillar & Chrysalis of the *Aglaope infansta*. 10 *Glaucopsis Falleni* First II *Aglaope americana*, Bdv.

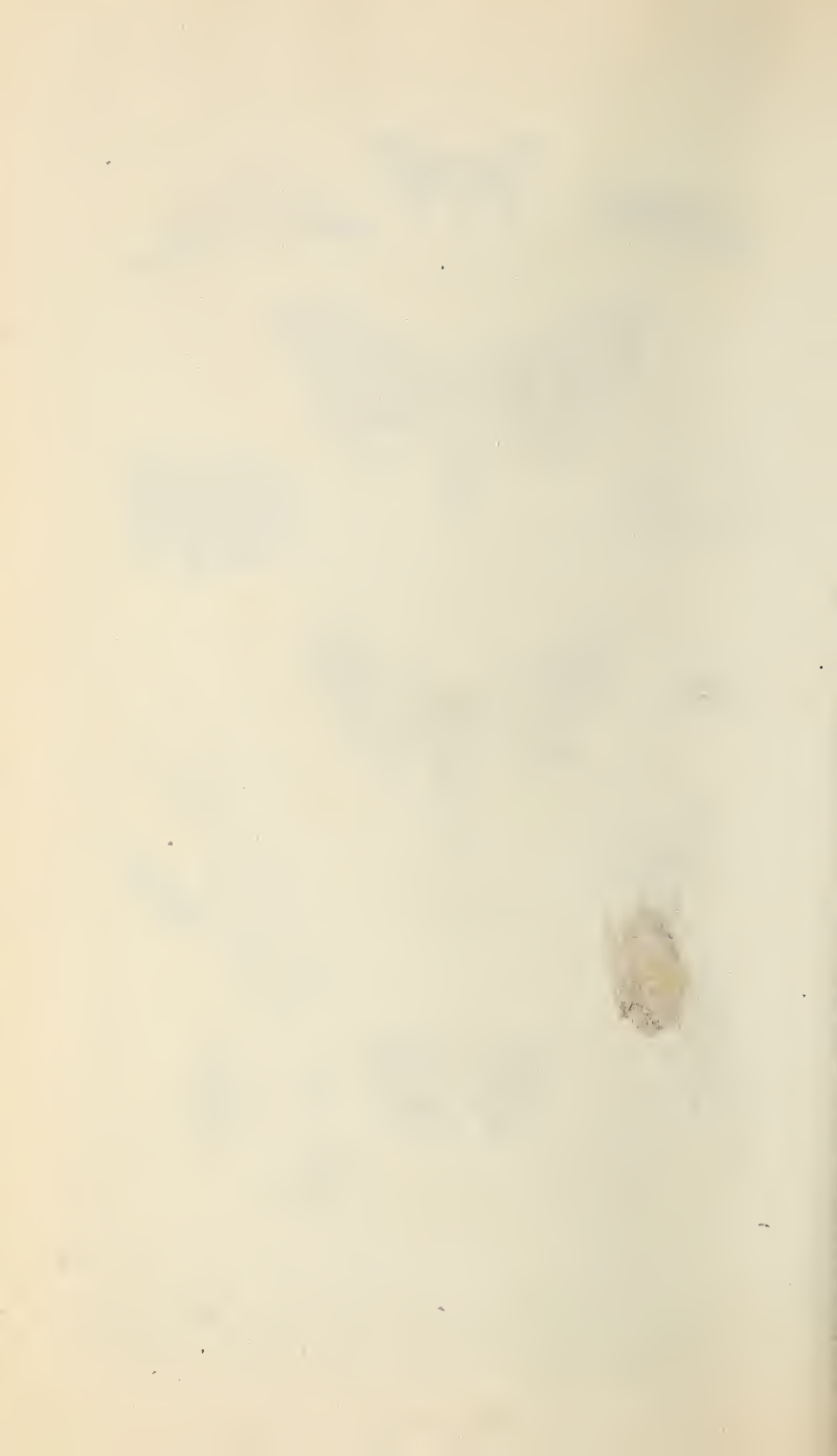


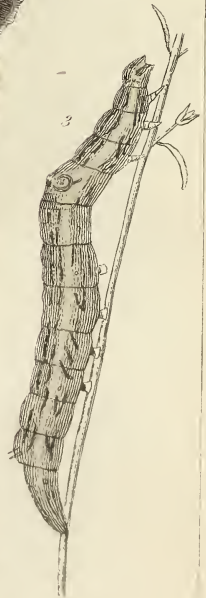
1. *Chelonia evidens*. Bdv. 2. Caterpillar of the *Chelonia nubilis*. Bdv. 3. Anatomical details of the *Chelonia chrysorhiza*. 4. *Callimorpha Lecomtei*. 5. *Diermaura borealis*. Bdv. 6. *Lithosia lara*. Bdv. 7. *Lithosia luteola*. 8. Caterpillar of the *Lithosia pulchella*. 9. *Platypterox globularis*. Bdv.

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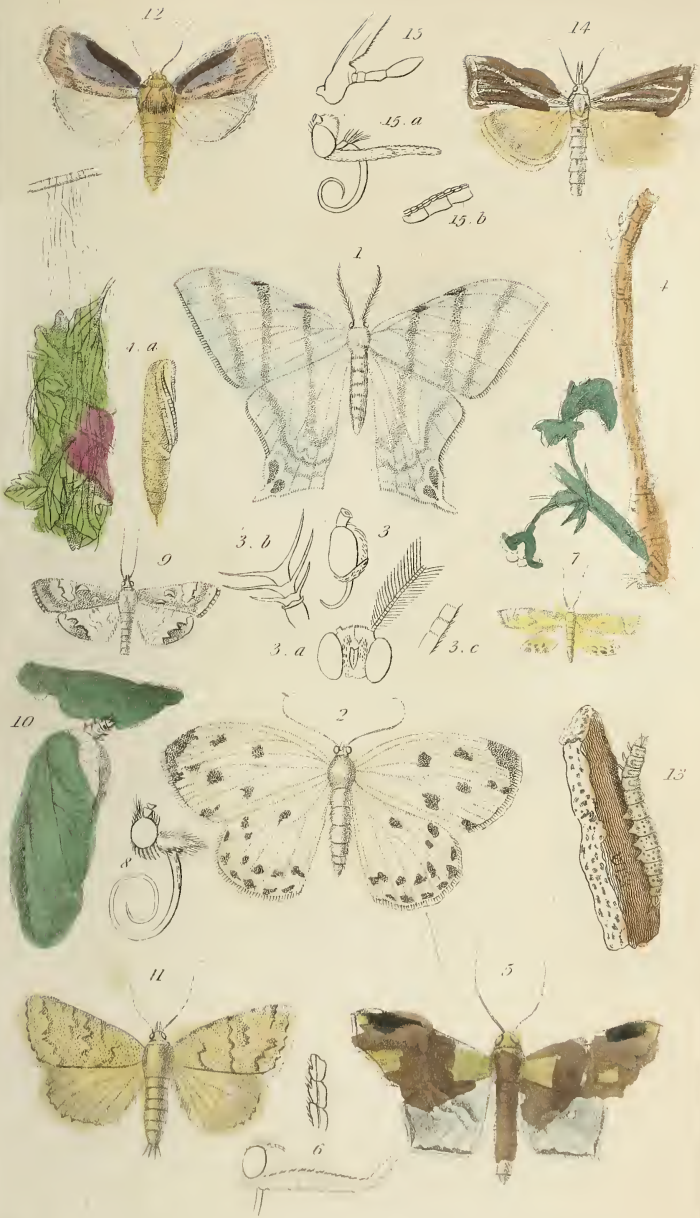


1. *Sericaria cauciceps* Bdy. 2. Caterpillar of the *Sericaria tessellata* Bdy. 3. *Notodonta azarac* Lat. 4. *Orgyia detrita* Bdy. 5. Caterpillars & Chrysalis of the *Orgyia gonostigma* Fab. 6. *Lamacoedes delphacii* Bdy. 7. Caterpillar of the *Lamacoedes strigata* Bdy. 8. Caterpillar of the *Lamacoedes* indetermined. 9. *Psyche calvella* Pchs. 10. Parts of the Caterpillar of the *Psyche nitolella*

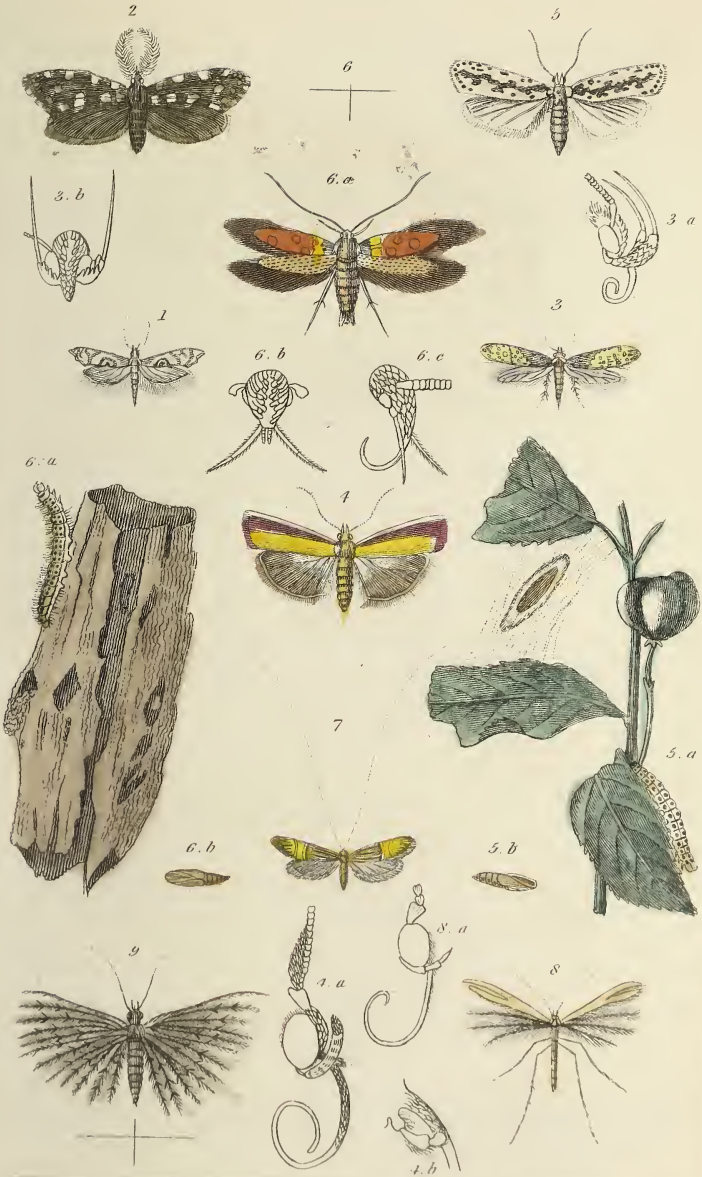




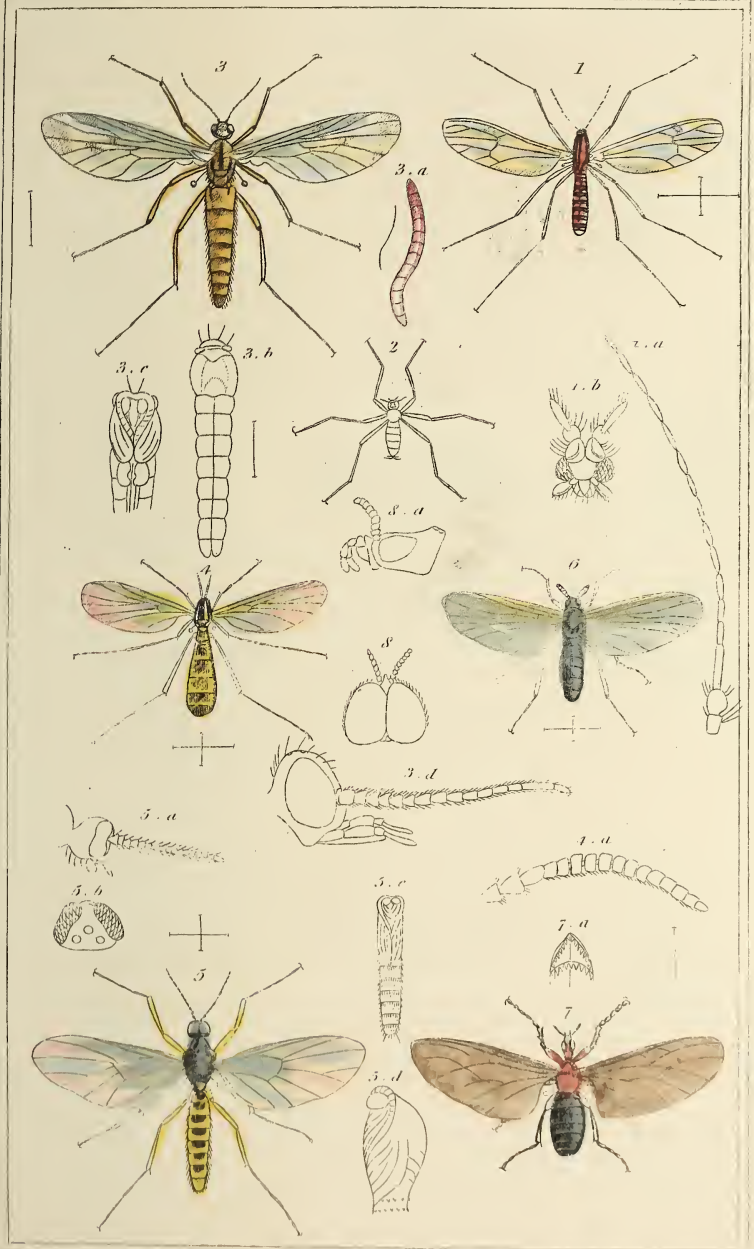
1. *Noctua (Ophideres) Imperator* Bdv. 2. *Erebus Amacina* Bdv. 3. Caterpillar of *Erebus unoptera putrescens* Bdv. 4. Caterpillar & Chrysalis of *Noctua latocala sponsa* Fab. 5. *Pycalis tajana* Fab.



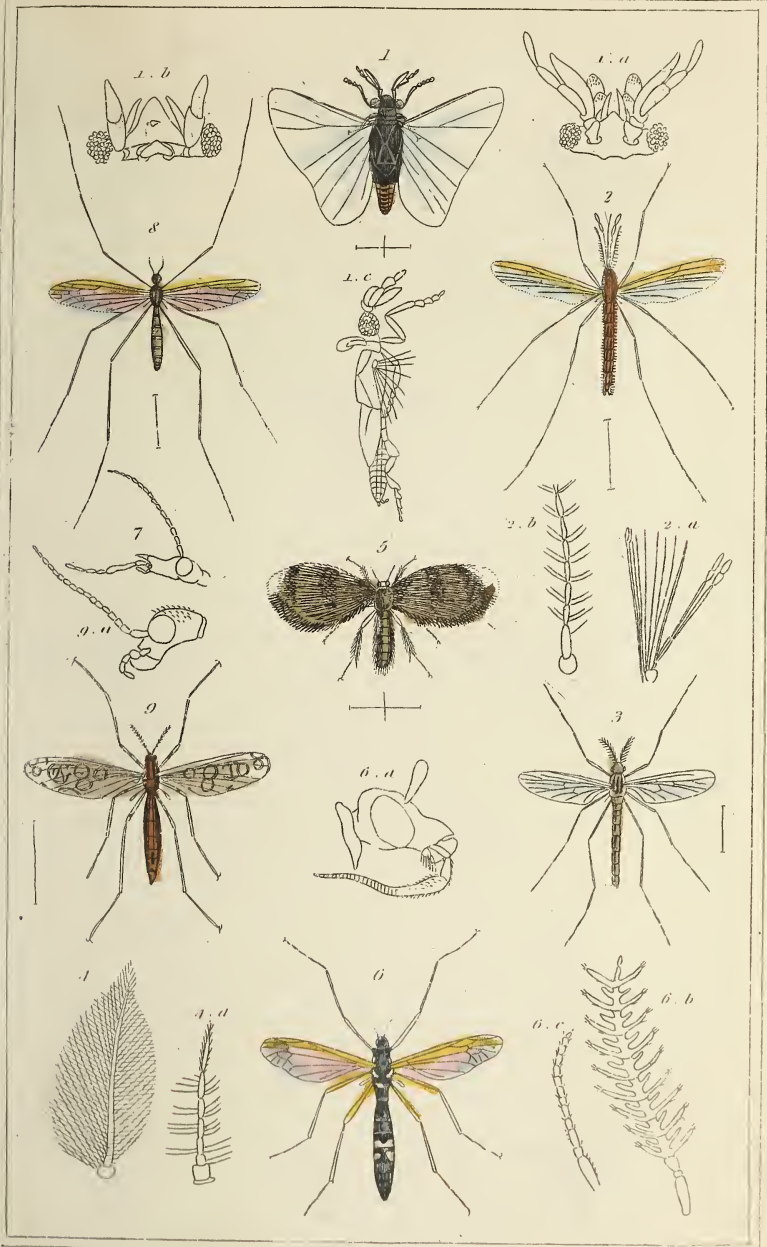
1. *Phalaena machaonaria* Bdy. 2. *Phalaena guttaria* Bdy. 3. Anatomy of the *Phalaena foveolata* Hbb. 4. Caterpillar of the *Phalaena grossularivora* L. 5. *Hermimia sulonia* Grav. 6. Head of the *Hermimia crassalis* Fab. 7. *Botys dilucidalis* Bdy. 8. Head of the *Botys encephalis* Hbb. 9. *Hydrocampe aquatilis* Bdy. 10. Caterpillar of the *Galleria coluella* Hbb. 11. *Crambus retusalis* Bdy. 12. Gall-former *cercana* Fab. 13. caterpillar of the *Galleria coluella* Hbb. 14. *Crambus retusalis* Bdy. 15. Anatomy of the *Crambus radiellus* Hbb.



1 *Alucita asperella*, Hubn. 2 *Euplocamus anthracinus*, Hubn. 3 *Tinea luteozana*, Fab. 3 a Head of *Tin longicornis*, Curtis. 4 *Hithia curvica*, Latr. 4 a b Anatomy of *H. pinigis* Curtis 5 *Yponomeuta pusiella*, Hub 5 a b Caterpillar & Chrysalis of *Yp. plumbella* H. G. *Acophora Linneella* (Leth. 6 a b Caterpillar & Chrysalis of *Ac. majorella*, Hub. 7 *Adela Deocerella*, Fab. 8 *Pterophorus plitodactylus*, Hub. 8 a Head of *Pter. spitedactylus*, Curtis. 9 *Oncodes hexadactylus* Latr.

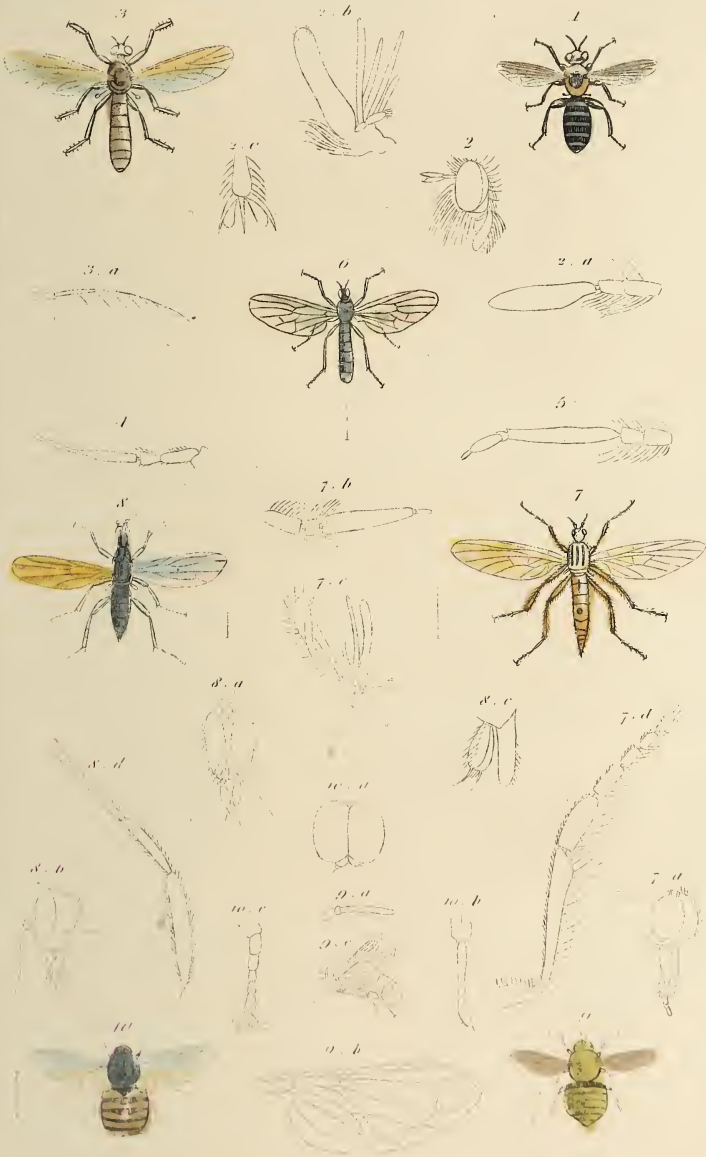


1. *Dixa nebulosa*, Meig. 2. *Chirona araneoides*, Balz. 3. *Rhyphus fuscicornis*, Say
 4. *Platyrus flavipes*, Meig. 5. *Mycetobia thoracica*, Wm. 6. *Simulium*, *castaneipes*, Balz.
 7. *Dilophus thoracicus*, Wm. 8. Anatomical details of the *Rhyphus fuscicornis*, Say

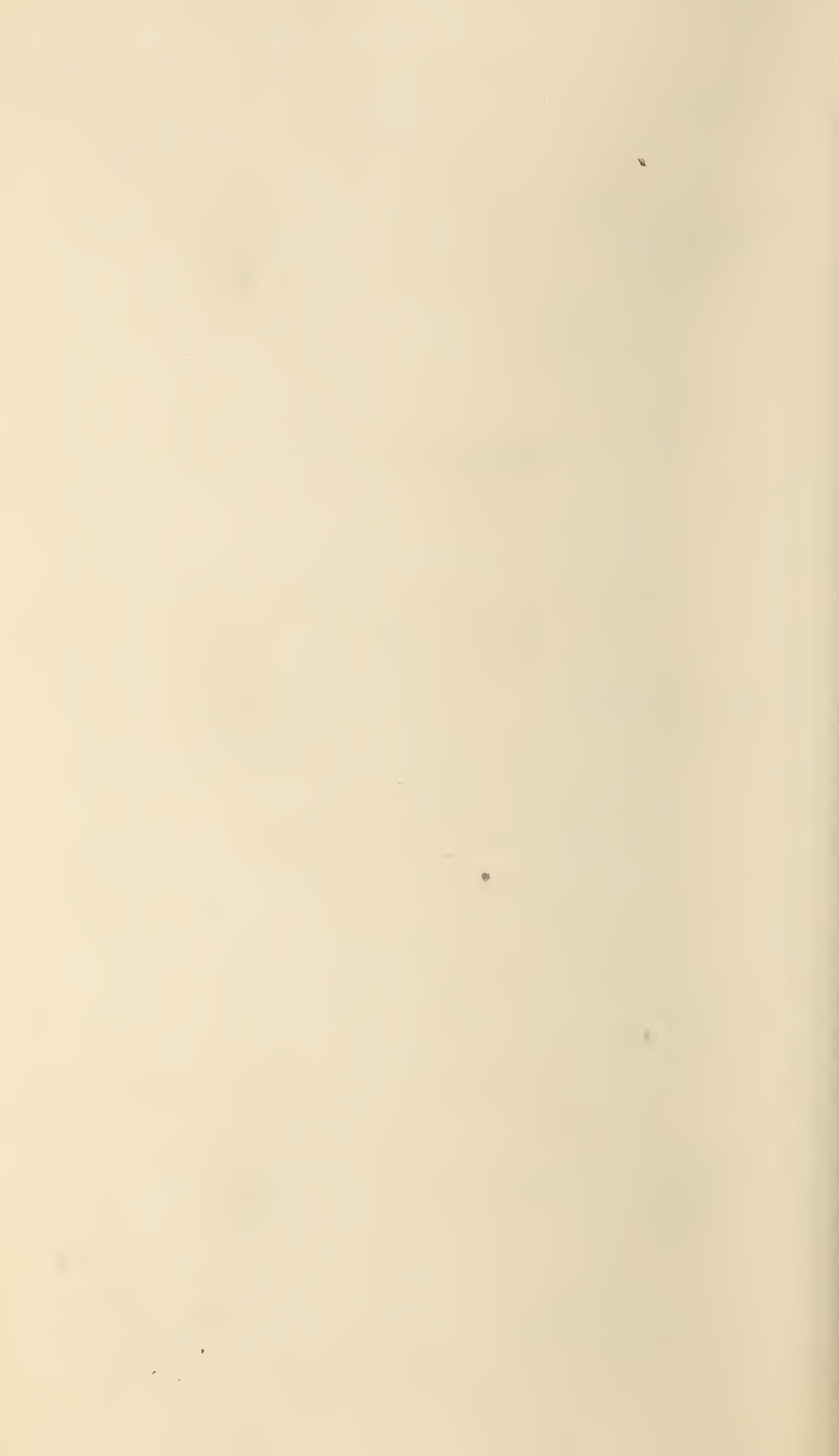


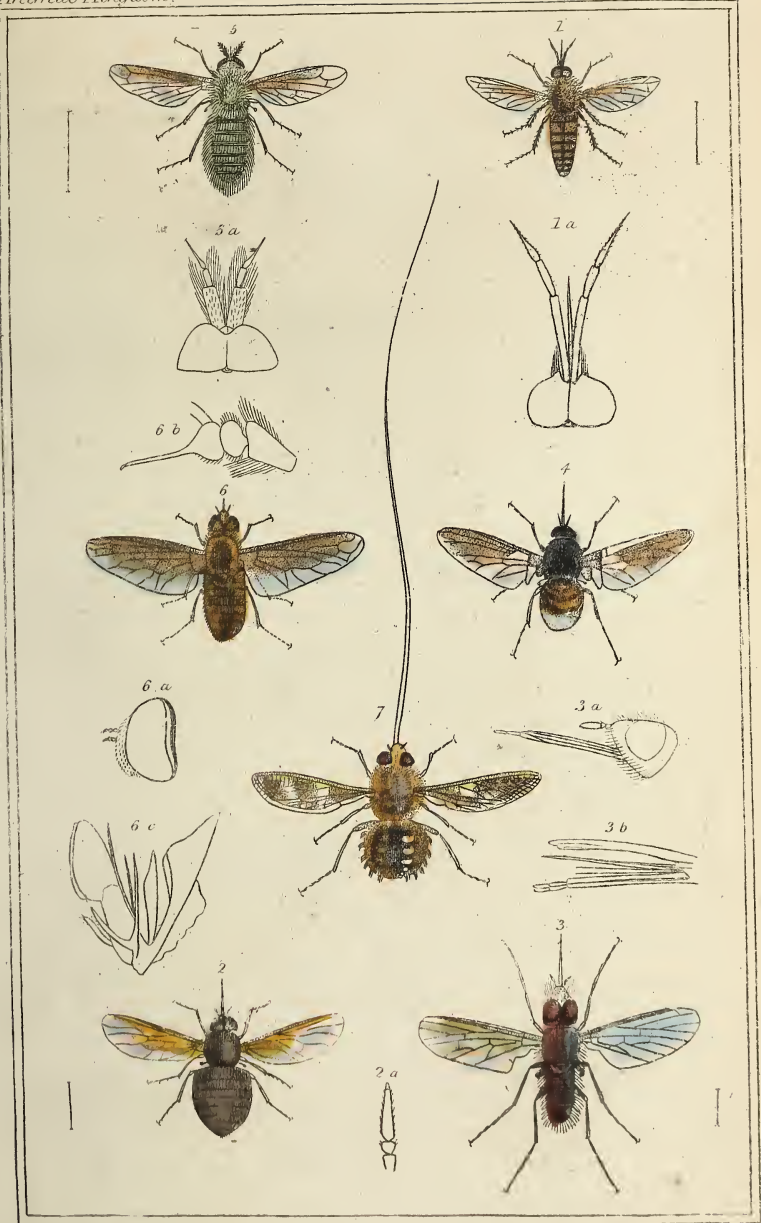
1. *Stylops Bali*. Curt. 2. *Anopheles bifurcatus* L. 3. *Corethra plumicornis* Meig. 4. Antenna of the Chironomus. 5. *Psychoda palustris* Meig. 6. *Ctenophora festiva* Meig. 7. Head of the Tipula. 8. *Rhipidia maculata* Meig. 9. *Limnobia ocellaris* L.

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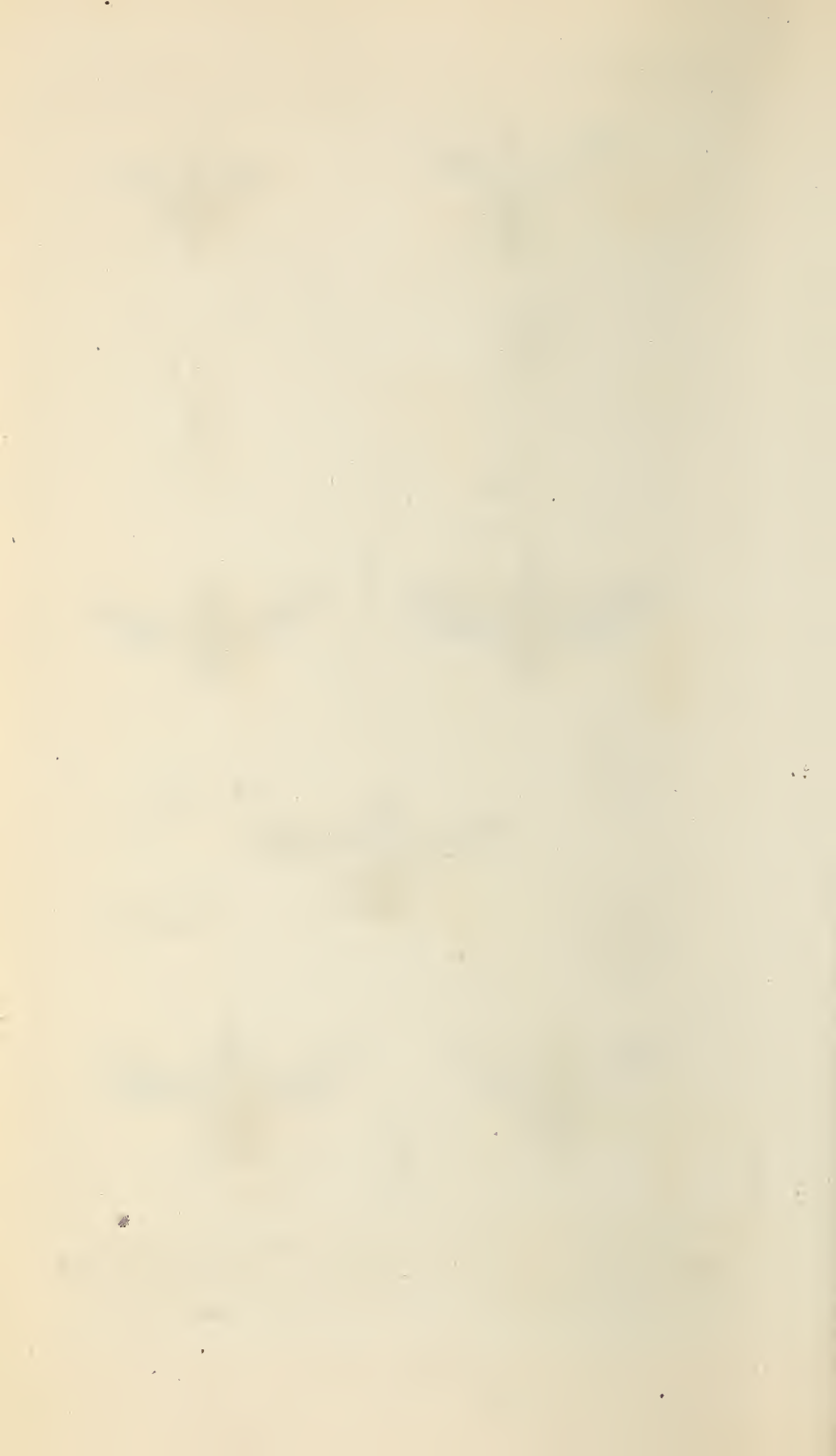


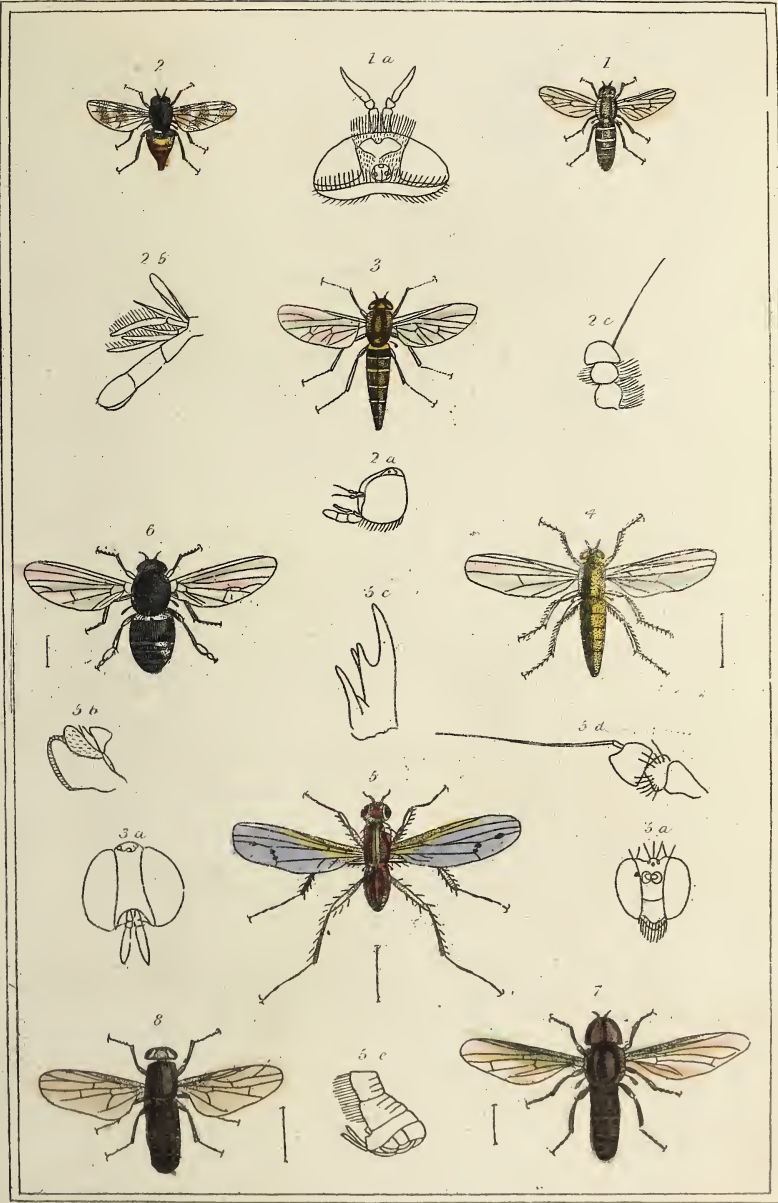
1 *Empis borealis* (Linn.) 2 Anatomical details of the *Empis borealis* (Linn.) 3 *Empis borealis* (Linn.) 4 *Empis borealis* (Linn.) 5 *Empis borealis* (Linn.) 6 *Empis borealis* (Linn.) 7 *Empis borealis* (Linn.) 8 *Empis borealis* (Linn.) 9 *Empis borealis* (Linn.) 10 *Empis borealis* (Linn.)



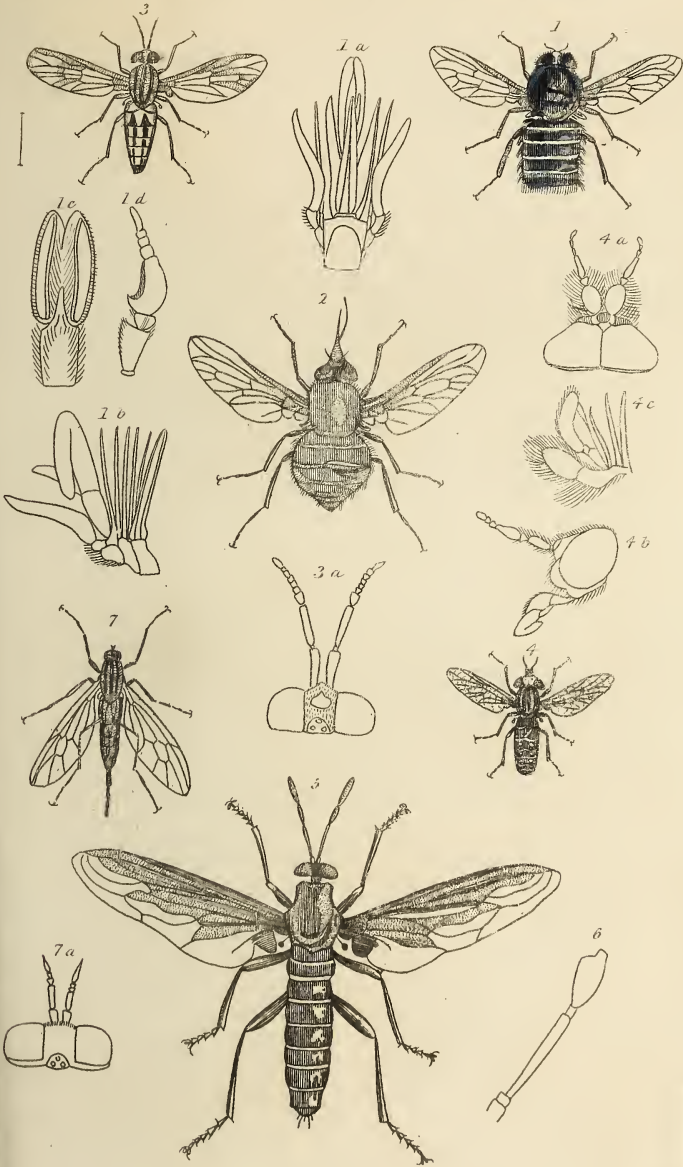


1. *Toxophora americana*, Serv. 2. *Usia ancea*, Lat. 3. *Phthiria pulicaria*, Meig. 4. *Bombylius tricolor*, Guér. 5. *Ploas lusitanica*, Guér. 6. *Anthrax aurantiaca*, Guér. 7. *Nemestrina longirostris*, Wied.



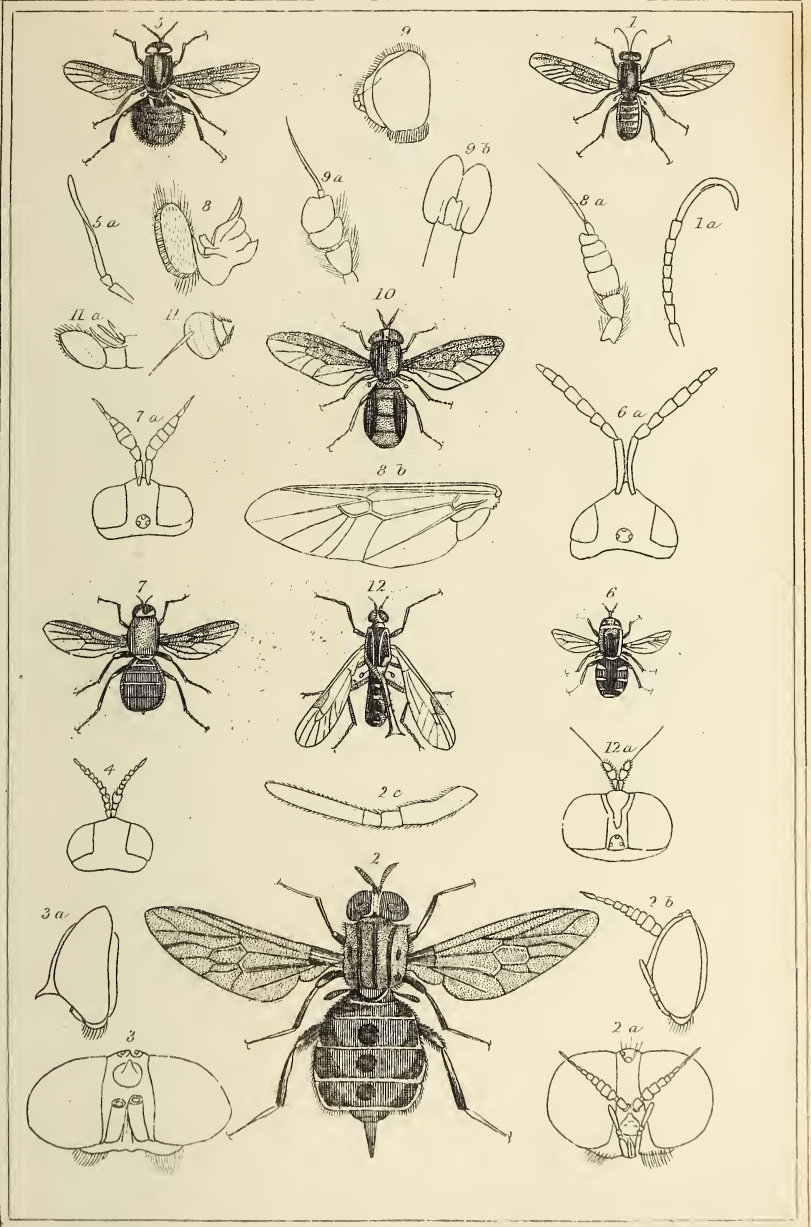


1. *Thereva confinis* Meig. 2. *Atherix ibis*, Meig. 3. *Lepus Servillei* Cuv. 4. *Dolichopus unguatus* Fab. 5. *Medeterus notatus* Fab. 6. *Platypeza sophia*, Lepel. 7. *Pipunculidus campestris*, Meig. 8. *Scenopius fenestralis*, Fab.

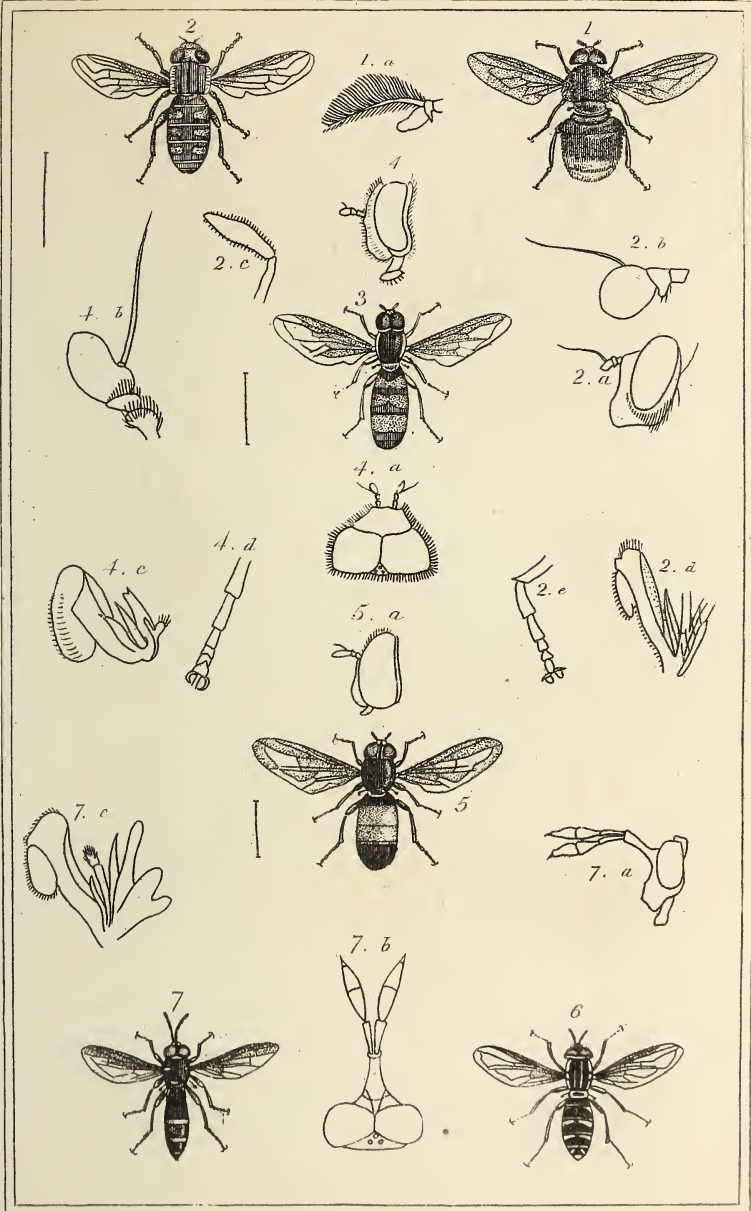


1. *Phanurus lotus* Guer. 2. *Pangonia nigripennis* Guer. 3. *Chrysops melolestus* Guer. 4. *Homatopota Austriaca* Guer. 5. *Mydas bonariensis* Serv. 6. *Antenna of the Cephalocera* Serv. 7. *Chromyza* Wied.

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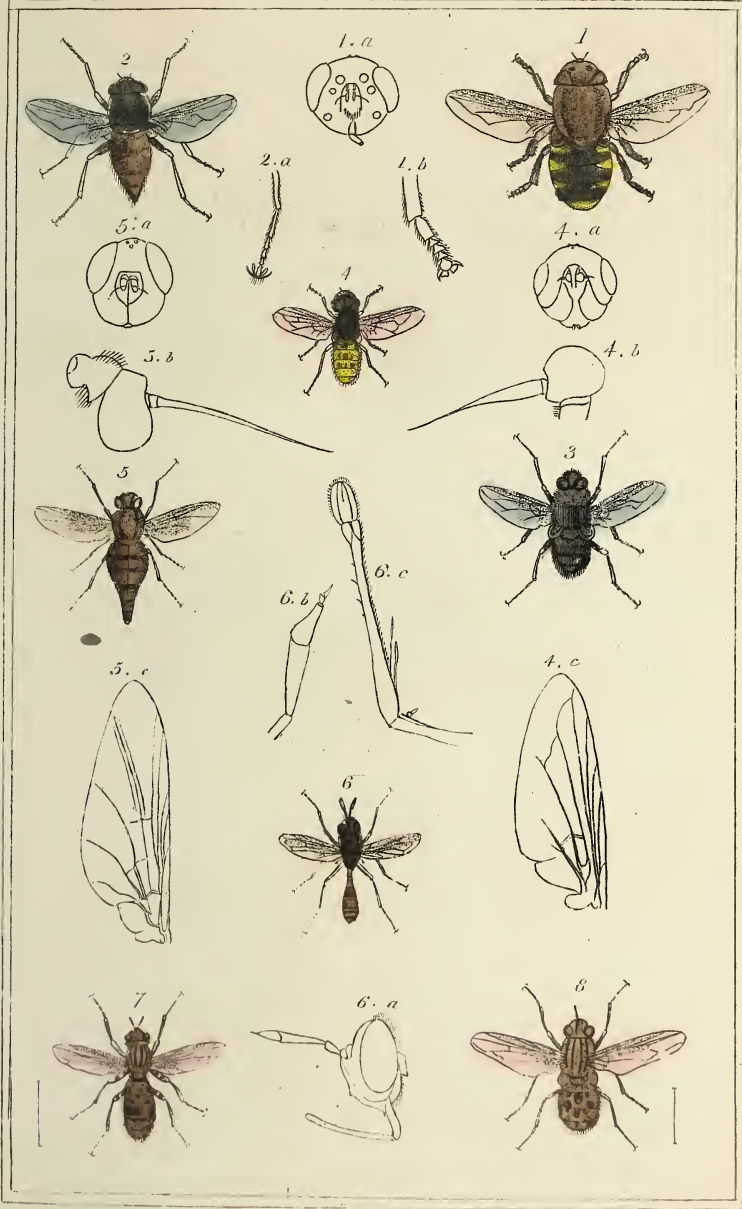
1. *Hermetia singularis* Guer. 2. *Acanthomera Servillei* Guer. 3. Head of the *Acanthopicta* Weid. 4. Head of the *Boris*. 5. *Cyphomyia aurillanana* Weid. 6. *Stasionys coronata* Serv. am. bor. 7. *Ephippium thoracicum* Lat. 8. Anatomical details of the *Oxyera*. 9. Anatomical details of the *Sargus Reaumuri* Moig. 10. *Chrysochlora hirticornis* Weid. 11. Anatomical details of the *Vappo*. 12. *Dicanophora faxifera* Weid.



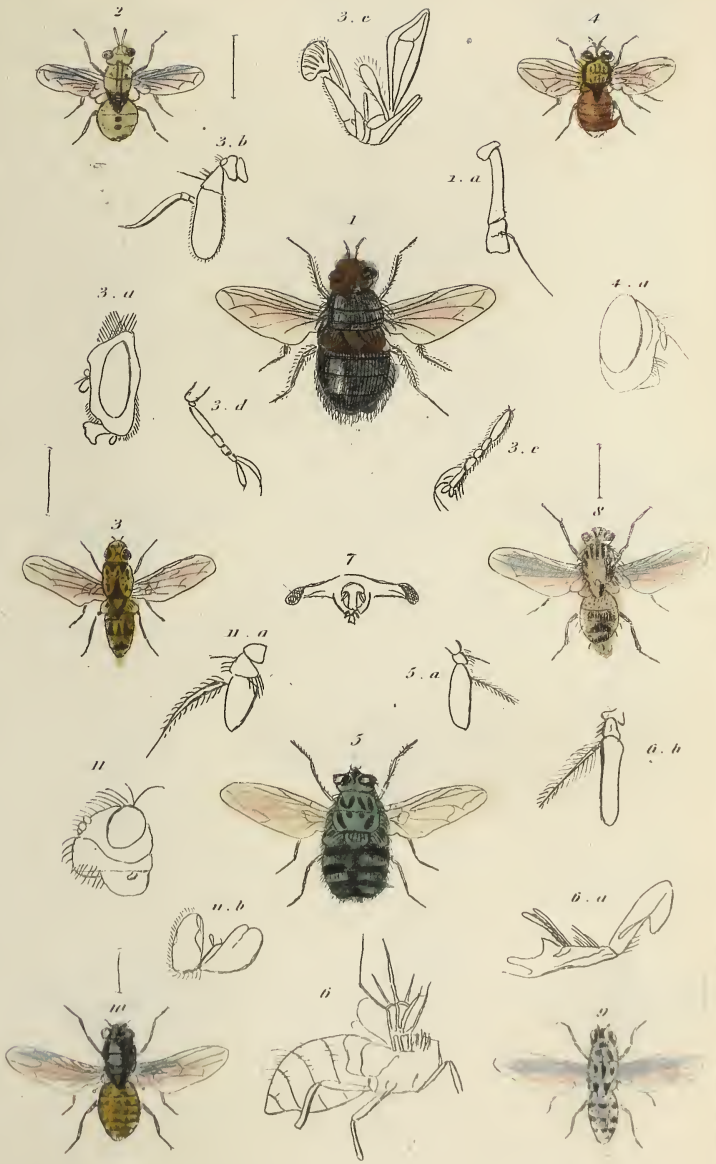
1. *Volucella bombylans* Meig 2. *Helophilus chilensis* Guér 3. *Syrphus senegalensis* Guér 4. Anatomical details of the *Syrphus (scava) unicolor* Curt 5. *Paragus bicolor* Lat 6. *Chrysotoxum acinutum* Meig 7. *Ceva cotopsoides*, Meig.



1. *Aphiditis apiformis* de Car. 2. *Merodon equestris* Meig. 3. *Xylota segnis* L. 4. Head of the *Tropidia* 5. *Milesia speciosa* Fab. 6. *Pipiza fasciata* Meig. 7. *Rhingia campestris* Meig.



1 *Cuterebra apicalis* Guér. 2 *Edemagena tarandi* L. 3 *Hypoderma bovis* F. 4 *Cephalomyia crux* L.
 5 *Estrus equi* L. 6 *Conops rufipes* F. 7 *Myopa variegata* Meig. 8 *Stomoxys calcitrans* L.



1. *Echynomyia grossa*. Fab. 2. *Gymnosoma rotundata*. Fab. 3. *Millogramma punctata*. Meig. 4. *Phasia brachyptera*. Meig. 5. *Lucina mirabilis*. G. 6. *Calliphora vomitoria* L. 7. Head of the *Achias oculatus*. 8. *Lispe tentaculata*. Meig. 9. *Anthomyia pluvialis* L. 10. *Ephydra ruficornis*. Meig.

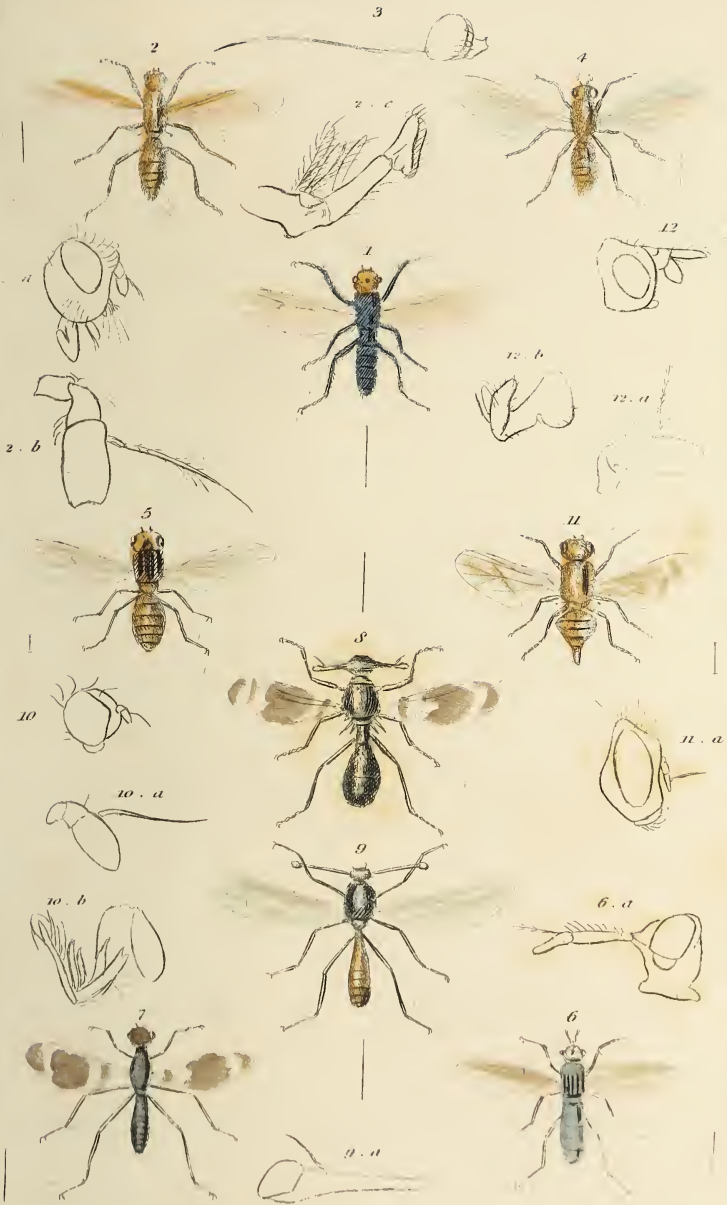
II. Anatomical details of the *Ephydra Spilota*. Hal

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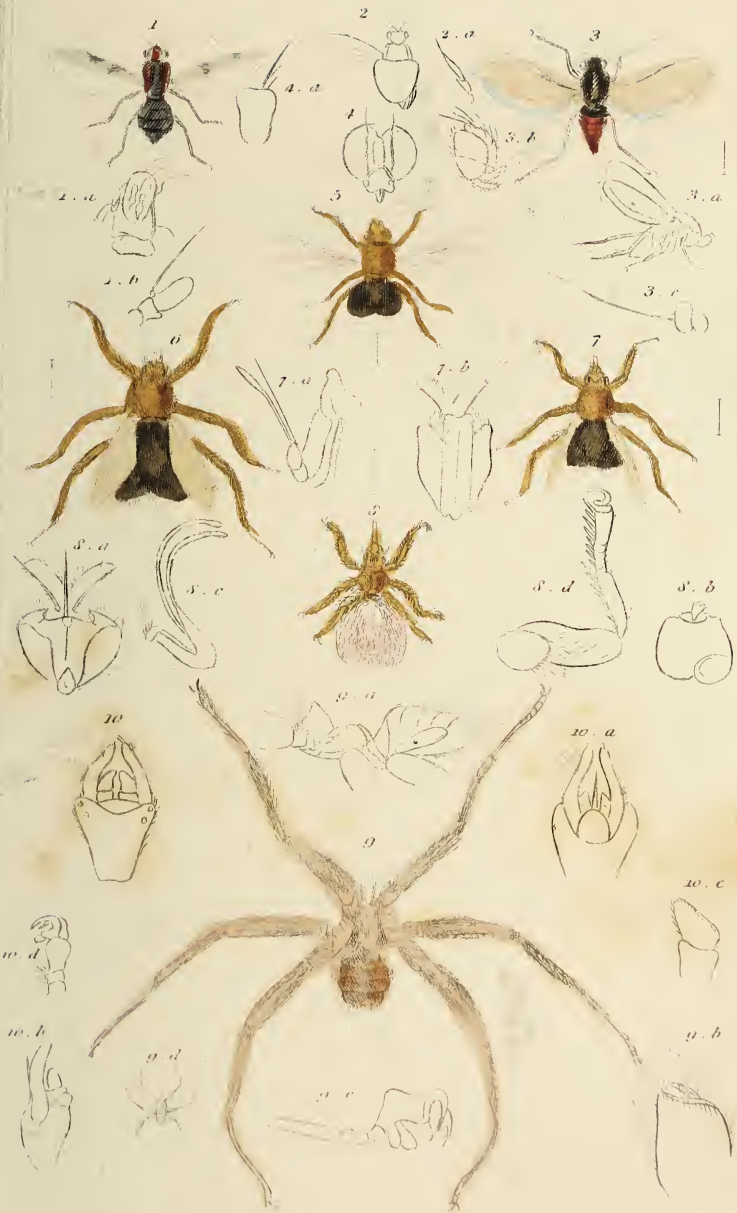


1. *Echinomyia grossa* Fab. 2. *Gymnosoma rotundata* Fab. 3. *Miltogramma punctata* Meig. 4. *Phasia brachyptera* Meig. 5. *Lucilia mirabilis*. 6. *Calliphora vomitoria* L. 7. Head of the *Achis oculatus*. 8. *Lispe tentaculata* Meig. 9. *Anthonyia pluvialis* L. 10. *Ephydra ruficeps* Meig.
 11. Anatomical details of the *Ephydra Spilota* Hal

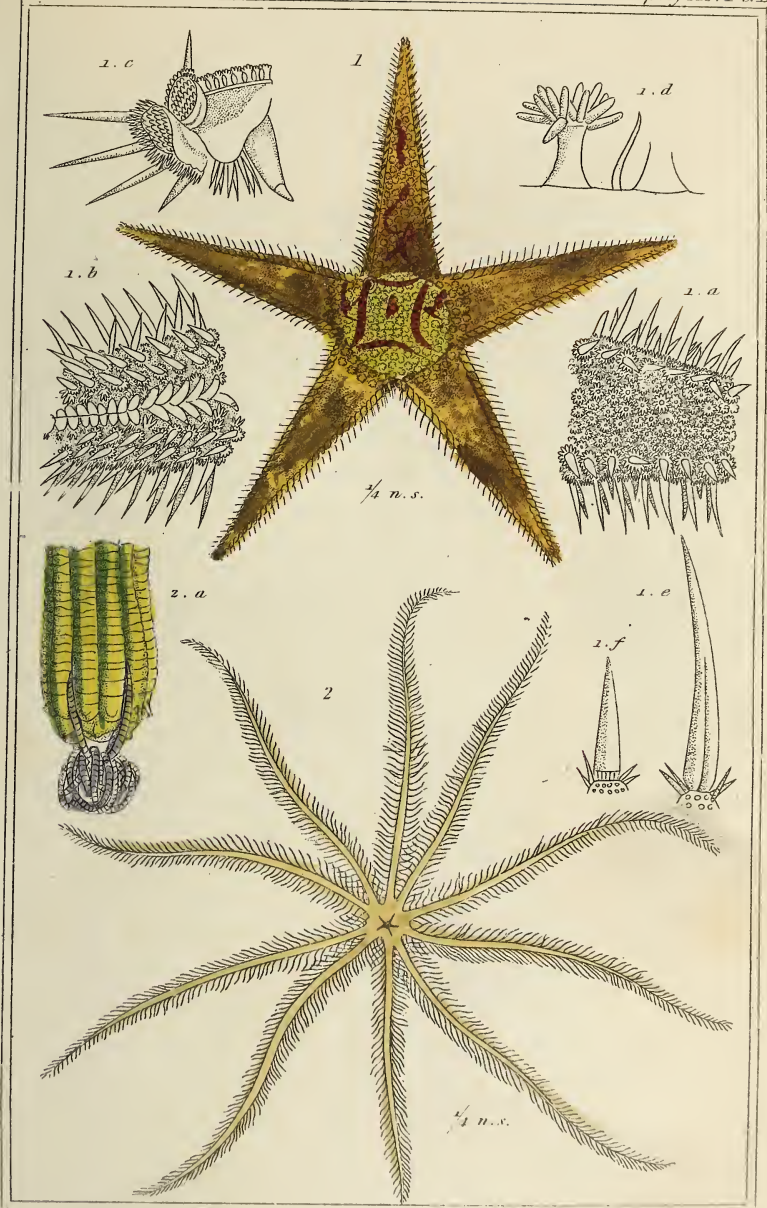
London. G. Blander sen. Sculp. 2. Old Bailey



1. *Thyreophora cynophila* Latr. 2. *Scutophaga Stercoraria* L. 3. *Antrena* of the *Spharxocera*
 4. *Supromyza humilis* Mæg. 5. *Oxyris chloriceps* *hypostigmata* Grav. 6. *Septilon* of the
 genus. Lab. 7. *Colobata herveptera ruficeps* Latr. 8. *Diopis* *fasciatus* Latr. 9. *Diopis atric-*
apillus, Curc. 10. Anatomical details of the *Septis aculeipes* Grav. 11. *Tephritis* *degeera*
 12. Anatomical details of the *Tephritis cornuta* Latr.



1. *Flatystomus levis* Guér. 2. *Colephus oblectus* Dalm. 3. *Phora abdominalis* Kill. 4. Anatomical details of the *Hippoboscidae* group. 5. *Oranthomyia chilensis* Guér. 6. *Anapera tangerii* Guér. 7. *Stenopteryx himalayana* Guér. 8. *Melophaagus evinus* L. 9. *Xycterybia Pechowskii* Guér. 10. *Anachninae* details.



1. *Asterias aurantiaca*, Lin.

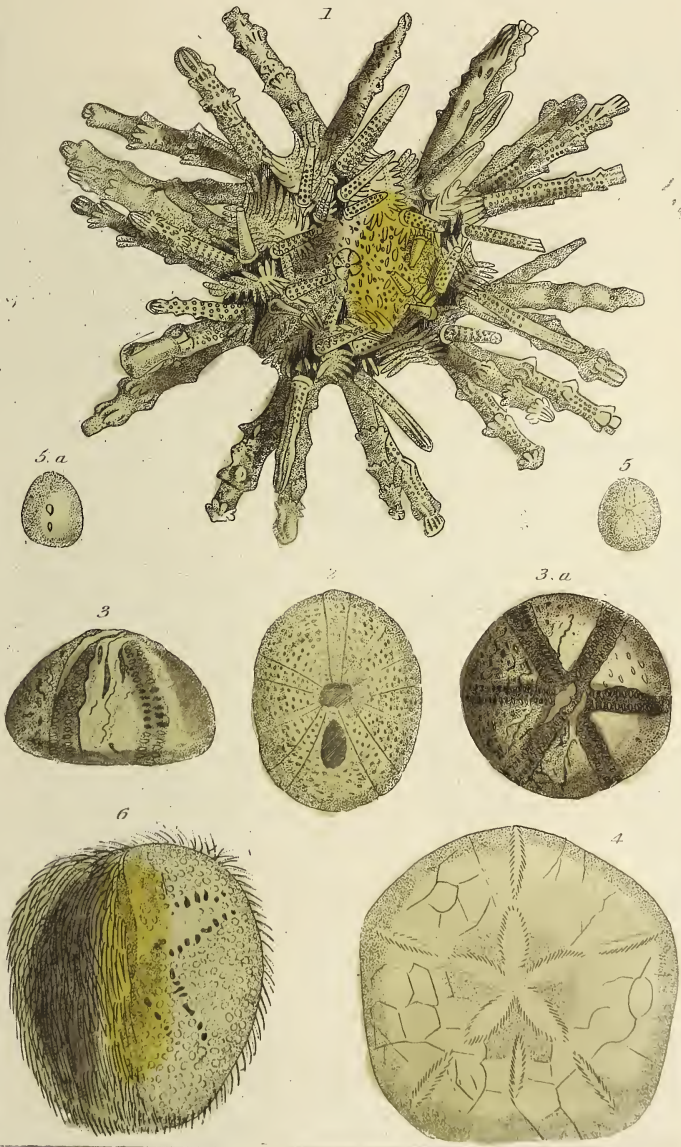
2. *Comatula carinata*, Lam.



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

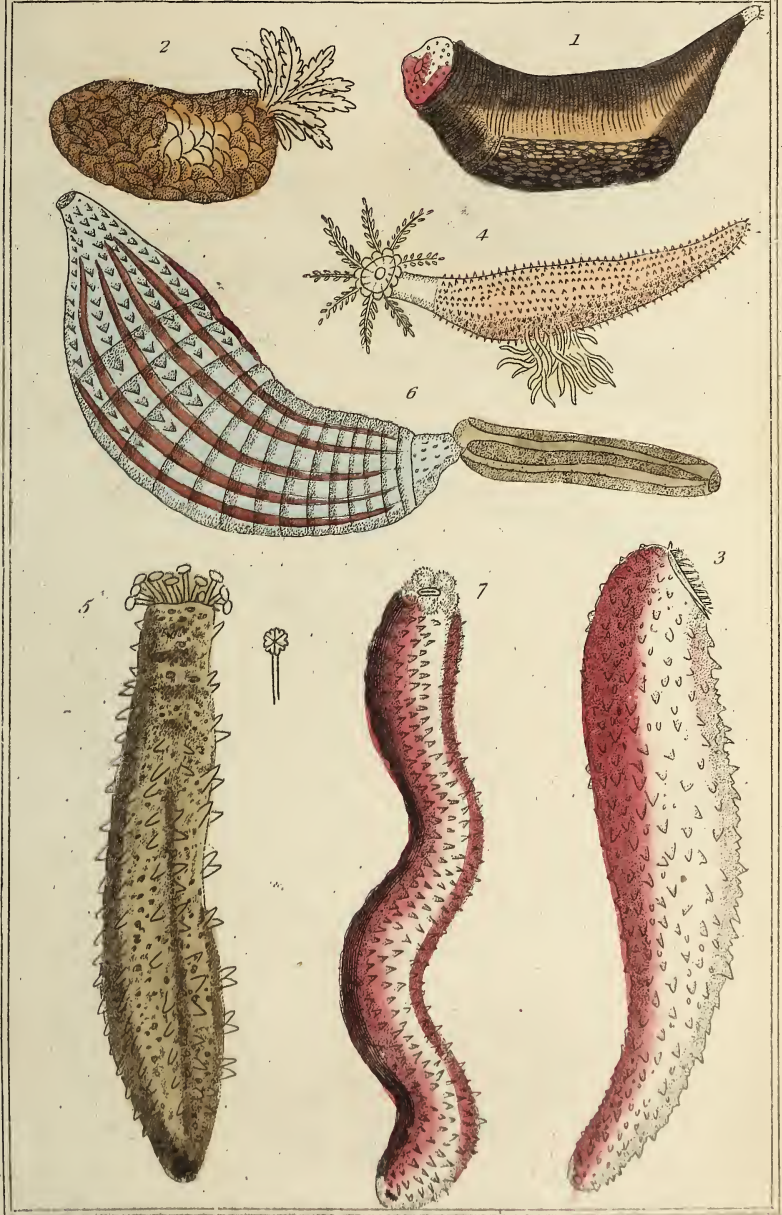
4. *Stephanonita uvaria*, Les

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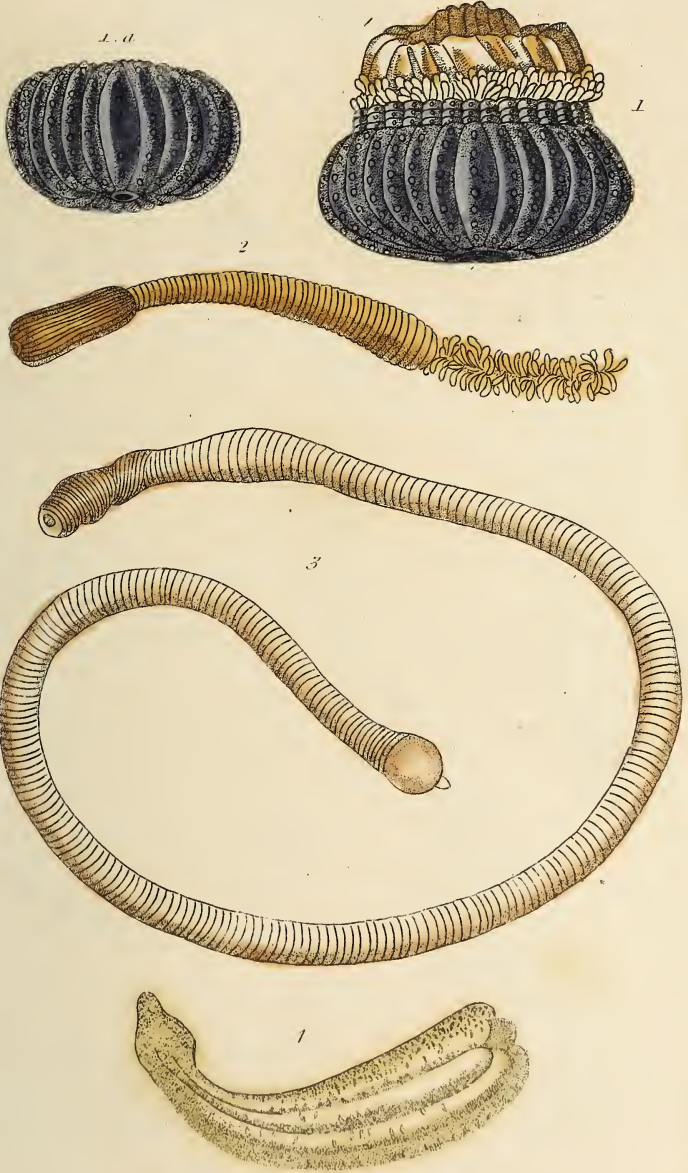
1 *Echinus verticillatus* Lam. 2 *Echinoneus scutulatus* Lam. 3 *Galevites saffuscatus* Lam.
 4 *Scutella hexopora* Lam. 5 *Fibularia ovalum* Lam. 6 *Spatangus pilosus* Lam.

London, G. Henderson sculp. 2. Chas. Beale.

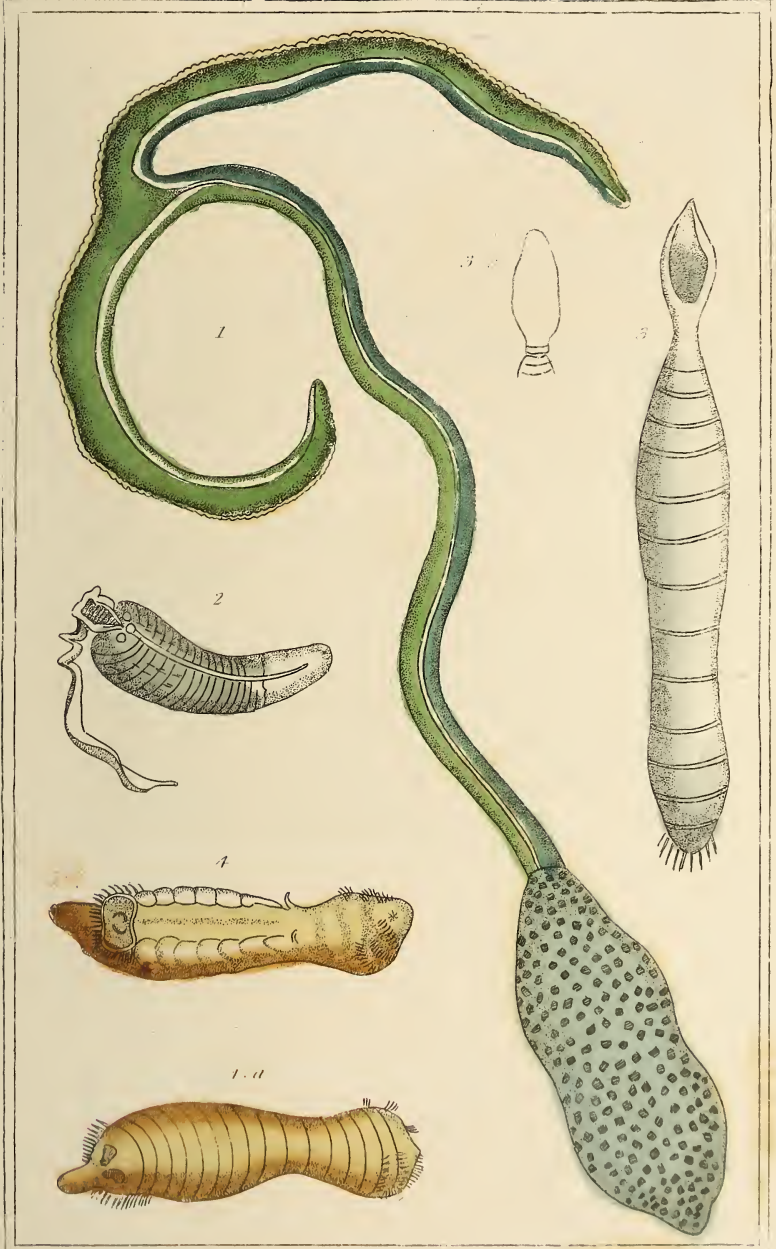


1. *Holothuria phantopus*, Lin. Mull. 2. *Holothuria squamata*, Mull. tin. 3. *Holothuria elegans*, Mull. tin. 4. *Holothuria fusus*, Mull. 5. *Holothuria cucumer*, Kess. 6. *Holothuria cucumari*, Less. 7. *Holothuria edulis*, Less.

London, G. Scudder son, 2 Old Bailey

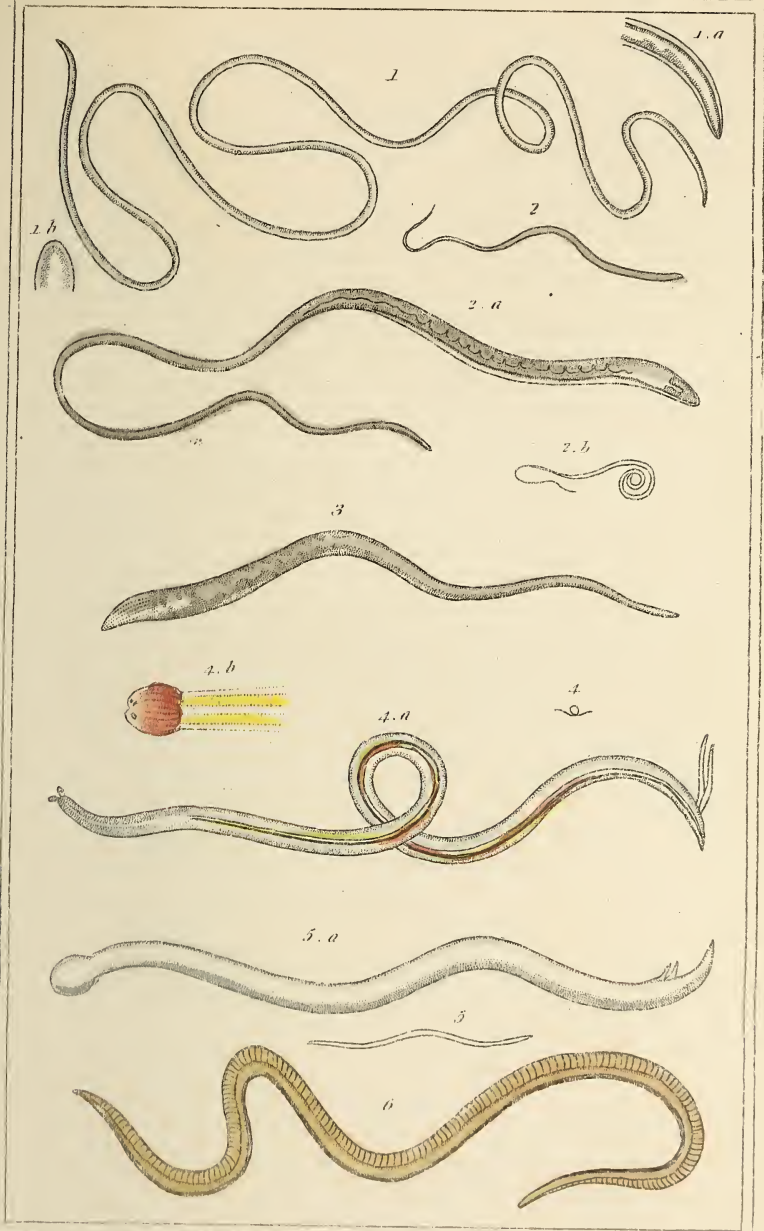


1 *Milva evacea* 2 *Friapula caudata* Lam. B. *Friapus* Mill
 3 *Sipunculus elatus* Edw. 4 *Sipunculus* *varius* Rose

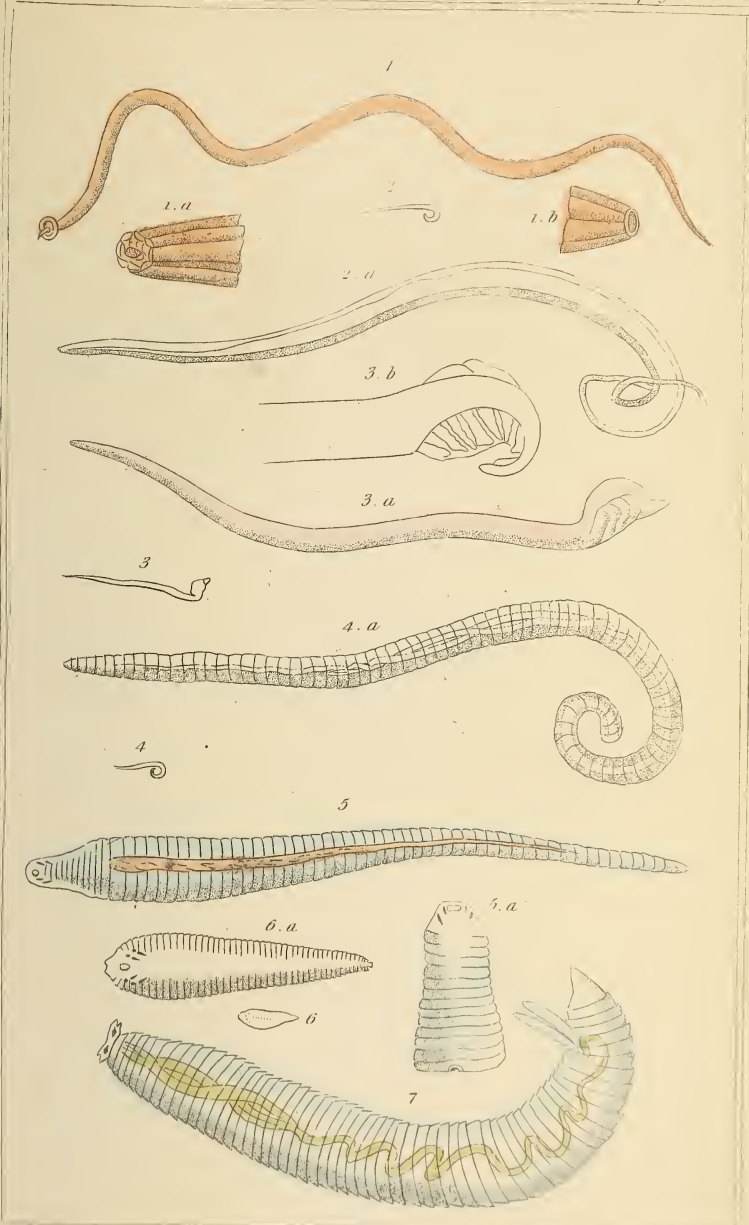


1. *Bonellia veridica* (L.) 2. *Thalassoma nigricans* (L.) & *Thalassoma senegalense* (Pallas)

3. *Echinurus* Pallas (det. *echinurus* bin Pallas) 4. *Stomatopoda* (det. *Stomatopoda*)



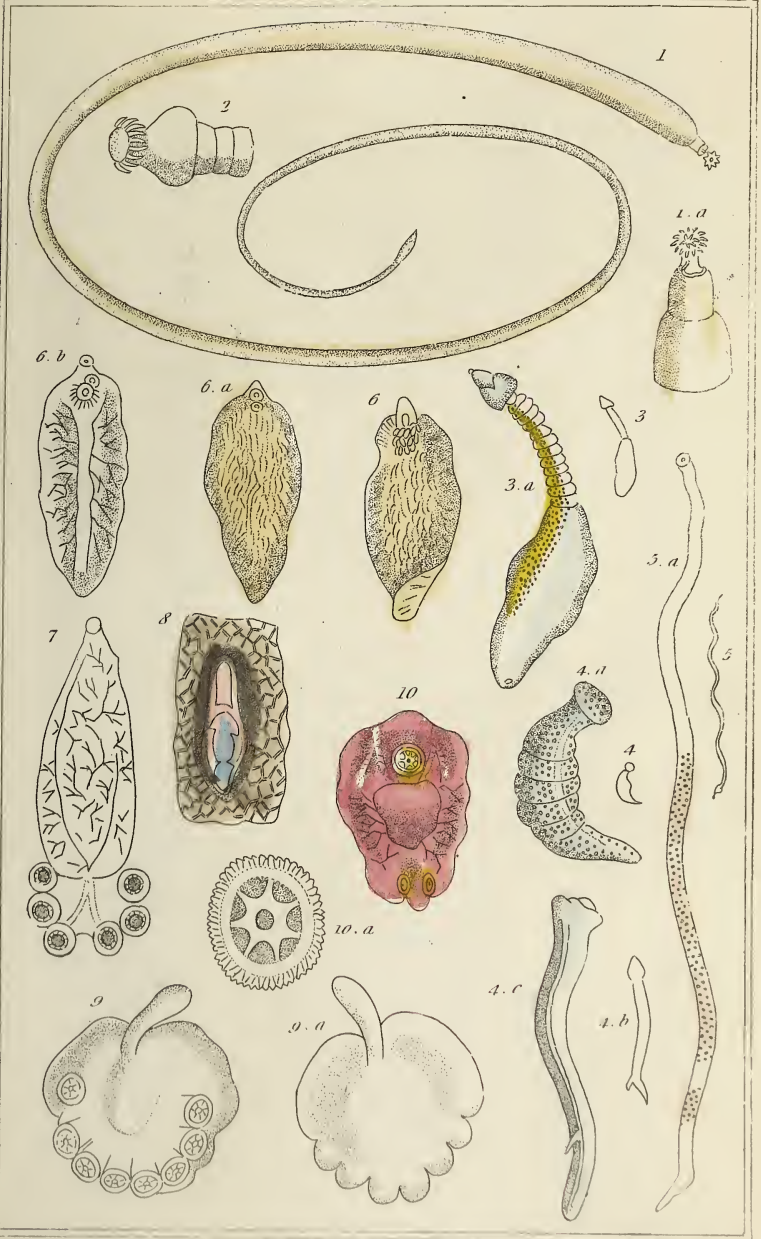
1 *Filaria mediuensis* Lat. 2 *Trichocephalus dispar* Rad. 3 *Oxyurus curvula* Rad. 4 *Cucullianus lequini* Rad. 5 *Ophiostoma sphaerocephala* Rad. 6 *Ascaris lumbricoides* L.



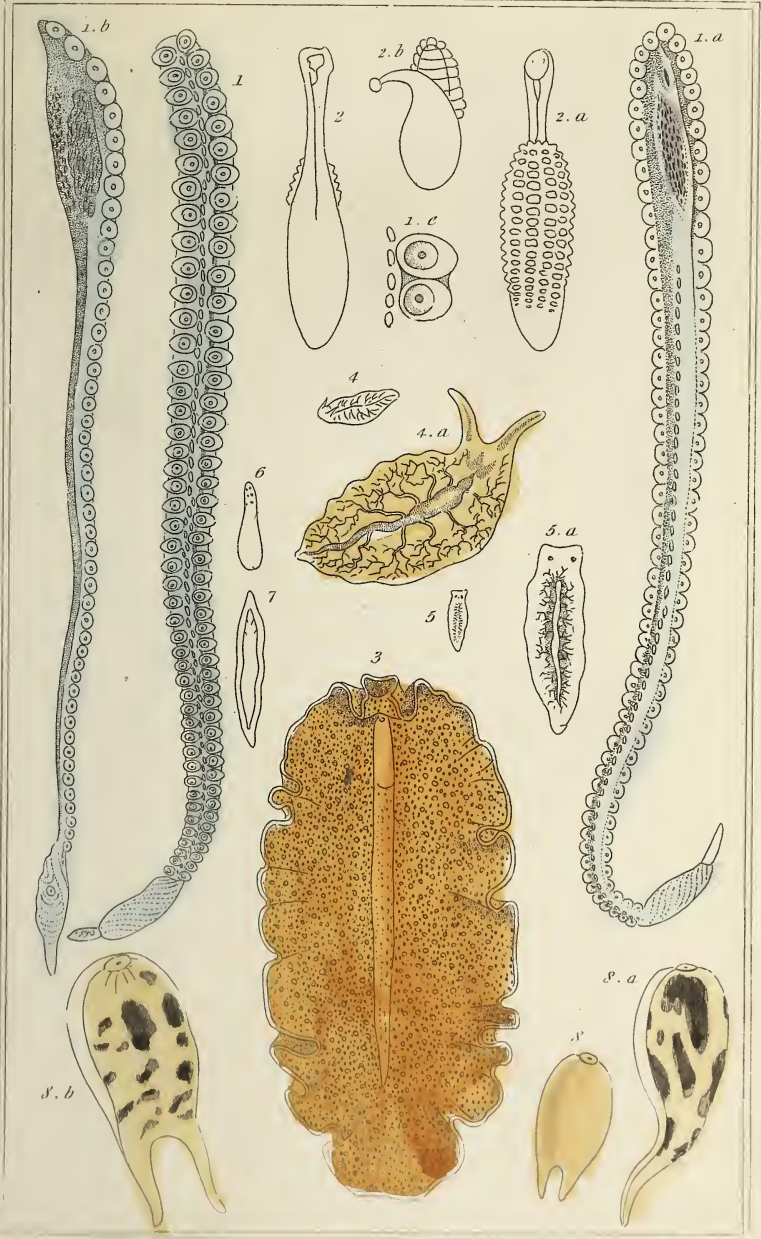
1. *Strongylus gigas* Rud. 2. *Spiropterus stercorarius* Rud. 3. *Physalopterus* *strongylus* Rud.
 4. *Liorhynchus dentatulus* R. 5. *Langnattula tritoides* R. 6. *Langnattula* *tritoides* R.
 7. *Promoderma uscaerulea* Rud.



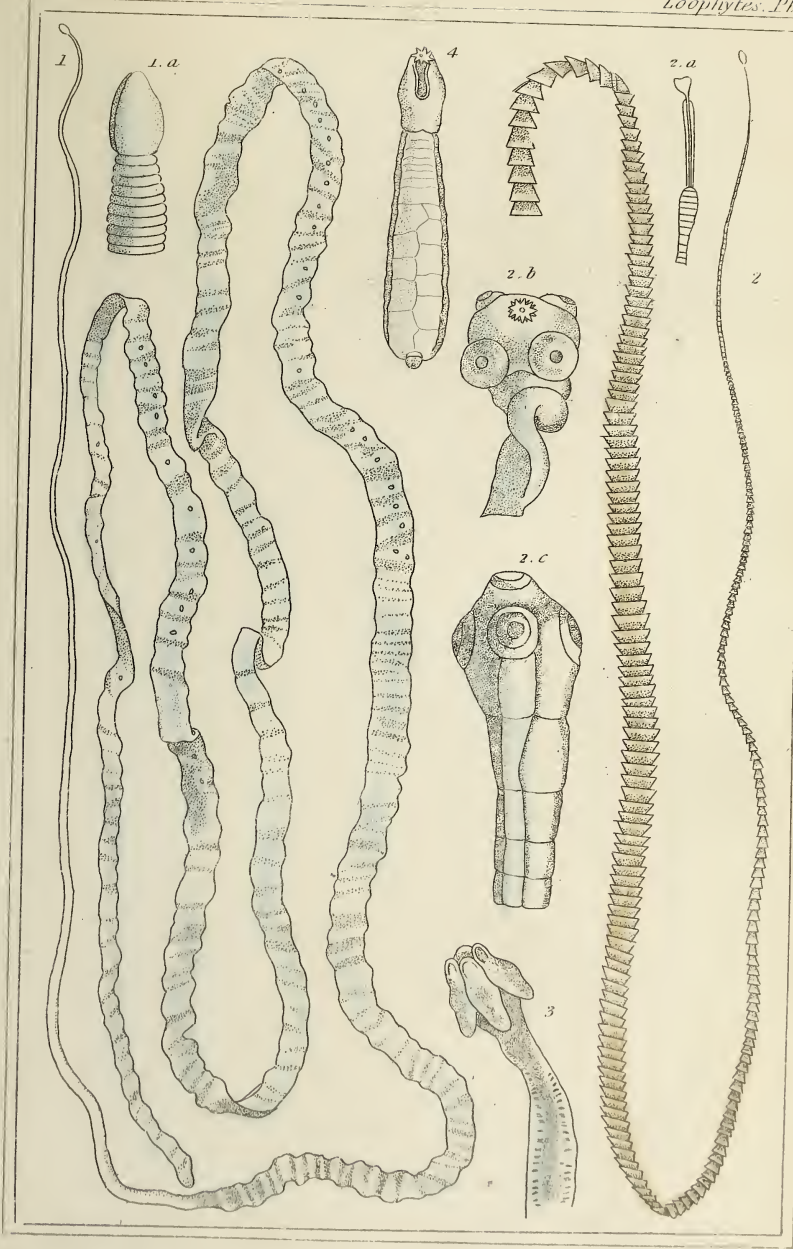
1. *Lernæa branchialis*. Linn. 2. *Lernæa multicornis*. Cuv. 3. *Penella filosa*. Omd. 4. *Sphyrion lævigatus*. Cuv. Quey & Gaym. 5. *Anchorella lagenula*. Cuv. 6. *Brachiella thynni*. Cuv. 7. *Clavella hippoglossi*. Cuv. 8. *Condreacanthus trigla*. Cuv. 9. *Condreacanthus zci*. Laroche. 10. *Umbraeanthus xyphice*. Cuv. 11. *Nemertes Borlasii*. Cuv.



1. *Echinochynchus gigas* tm. 2. *Haereta auris* tm. 3. *Amphistoma longicollis* Bl. 4. *Caryophyllaeus notabilis* Bl. 5. *Monostoma* Bl. 6. *Fasciola hepatica* L. 7. *Polystoma integerrimum* Rud. 8. *Polystoma pingvirella* 9. *Cyclocotyles Belloni* (n) 10. *Tristoma foveolatum*.

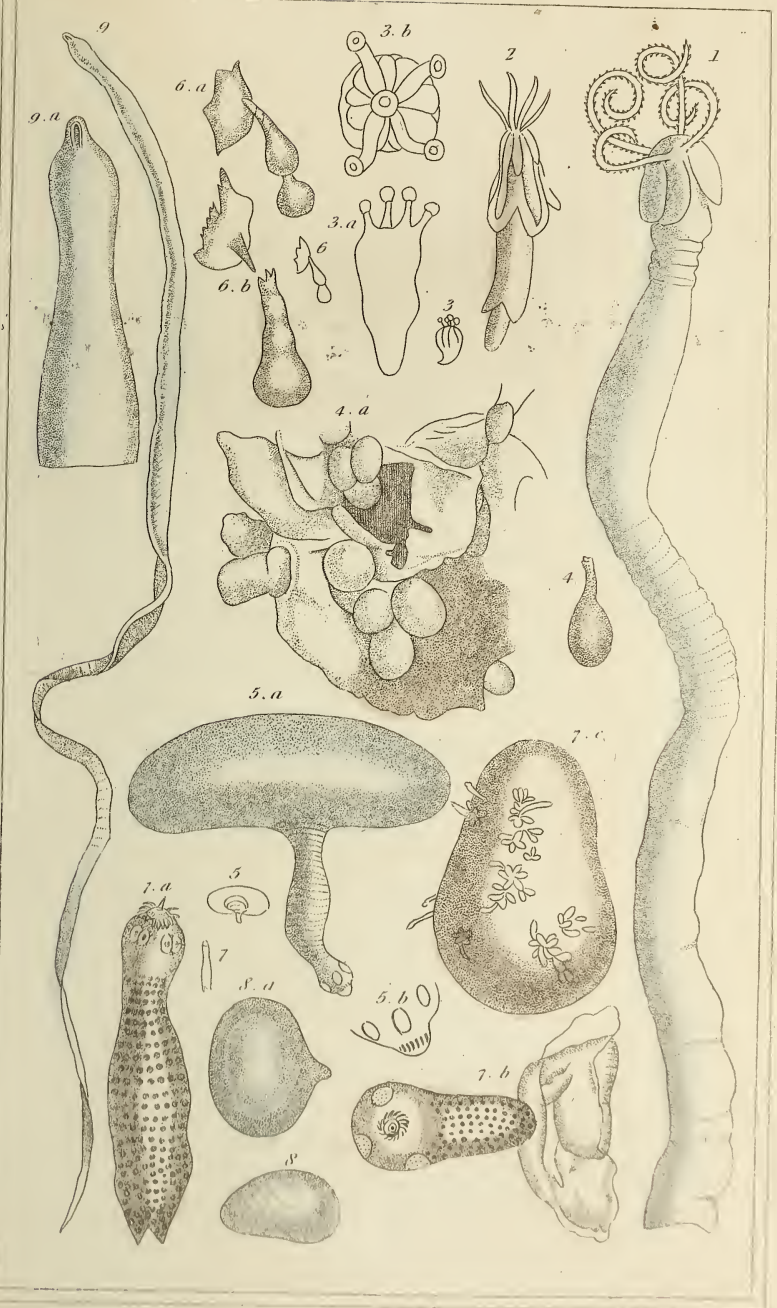


1. *Hectocotile octopodus*. 2. *Aspidoaster conchicola*, Baer. 3. *Planaria aurantiaca*, Risso. 4. *Planaria carinata*, Mull. 5. *Planaria lactea*, Mull. 6. *Prostoma clypeinoides*, Duges. 7. *Derosoma octopus*, Duges. 8. *Vertumnus thetidicola*, Cuv.

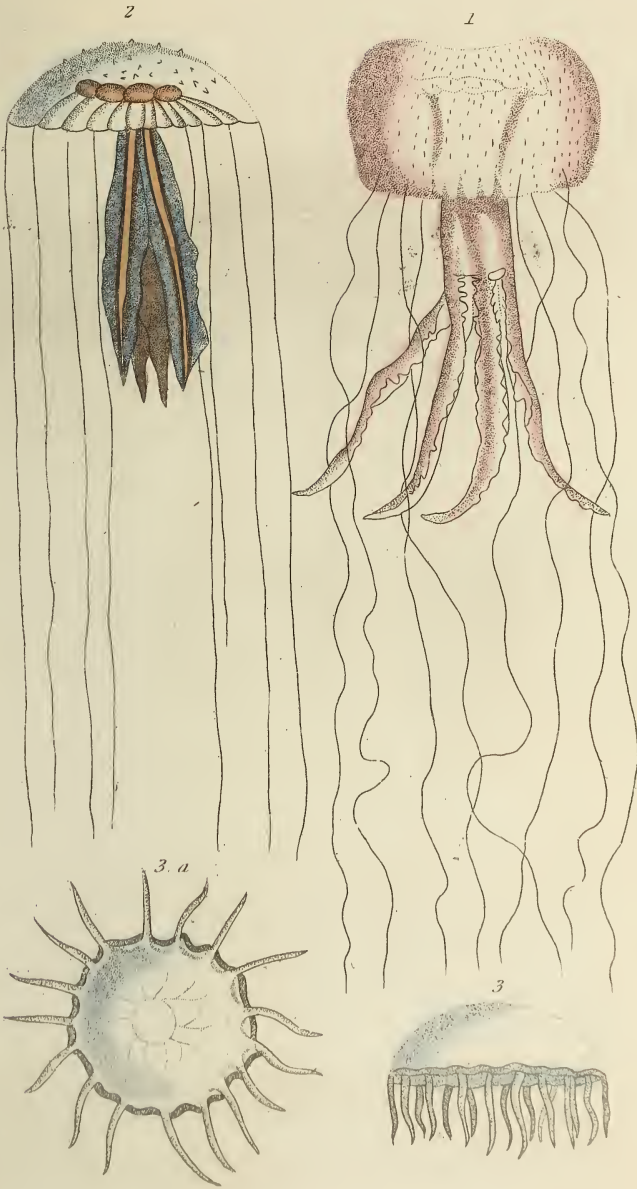


1. *Tenia lata*. Rud. civ. 2. *Tenia solium*. Lin. civ. 3. Head of the *Bothryoccephalus coronatus*. Bl.

4. *Dibothryorhynchus lepidopti*. Bl.

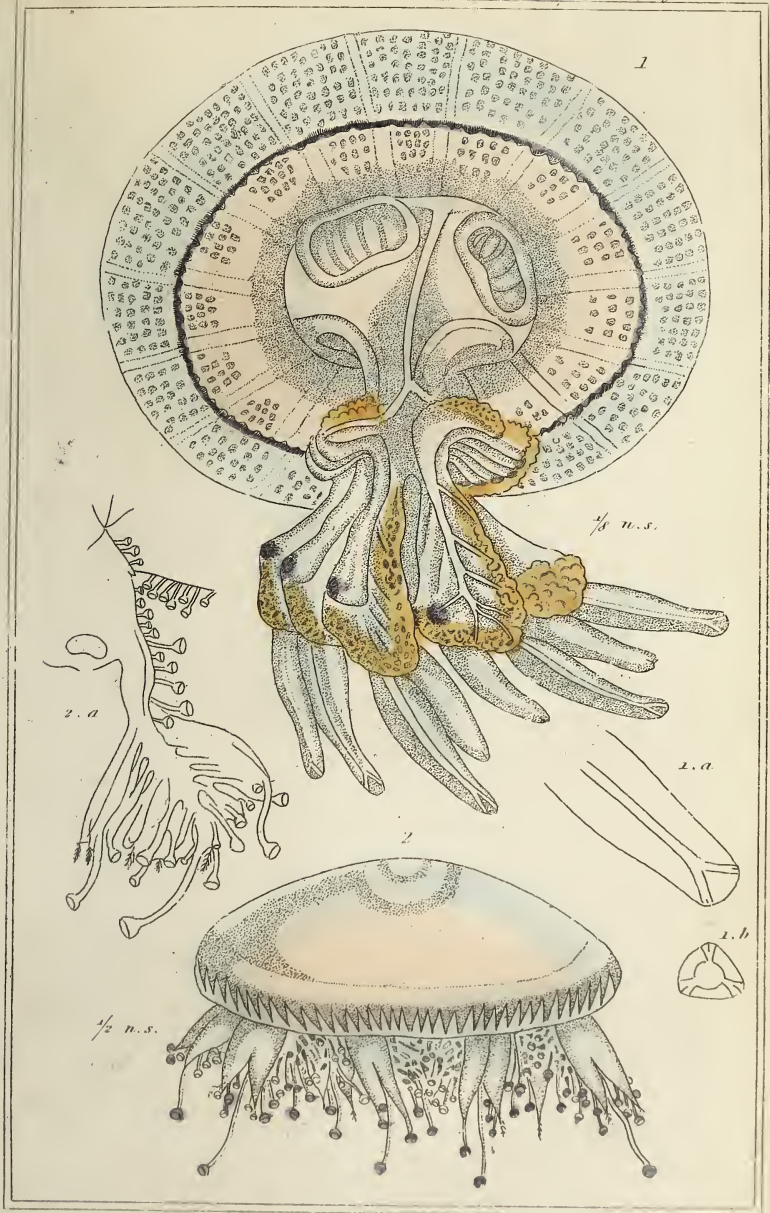


1. *Elariceps corollatus* 2. *Tetrarhynchus lingualis* 3. *Tentaculatia floccosa* 4. *Cysticercus pisciformis* 5. *Cysticercus finna* Blam. 6. *Aerostoma anan* Lesau. 7. *Ceumrus corollatus* tm. 8. *Echinococcus*. 9. *Ligula simplicissima* Bl



1 *Pelagia panopyra* Esch. 2 *Cymatium labachei*. Quoy & Gaim.

3 *Epurea cyanoguttata*. Quoy & Gaim.



1. *Rhizostoma abbreviati*, BISSON, from a drawing of M. LAURILLARD

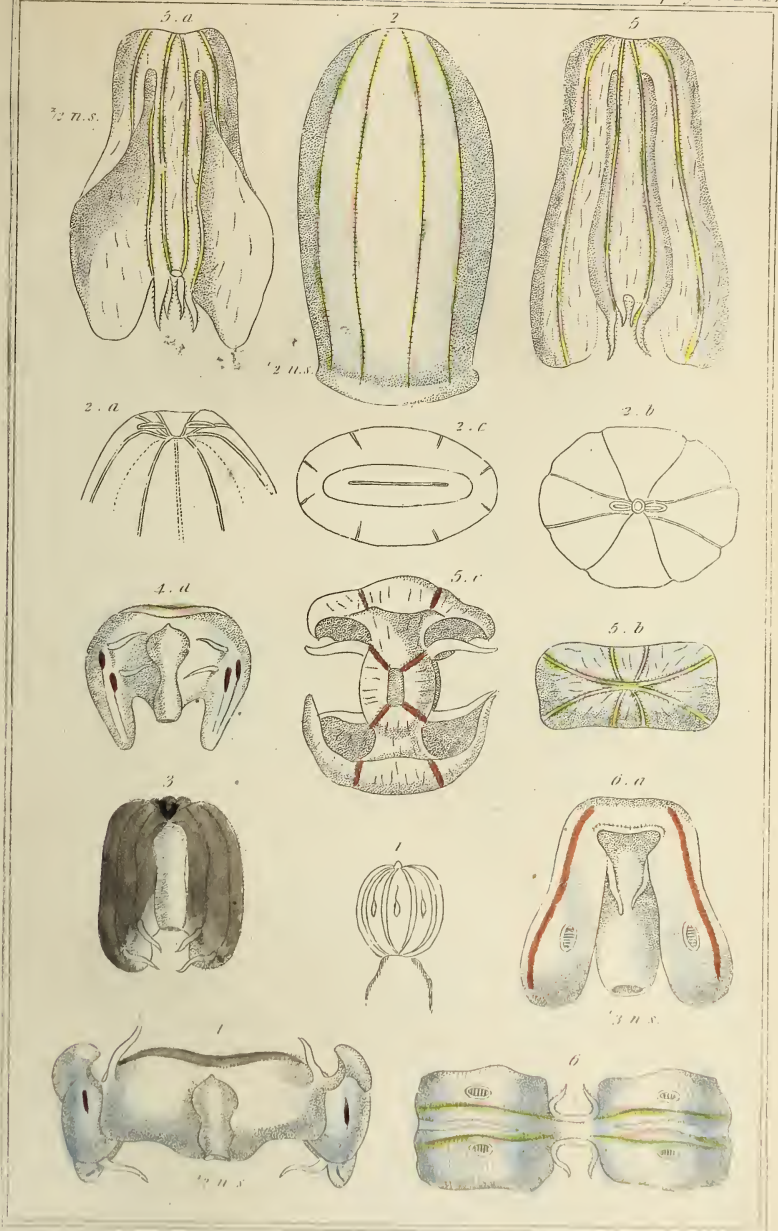
2. *Cassiopa bathonica*, DELLECHAIE, *loc. cit.*



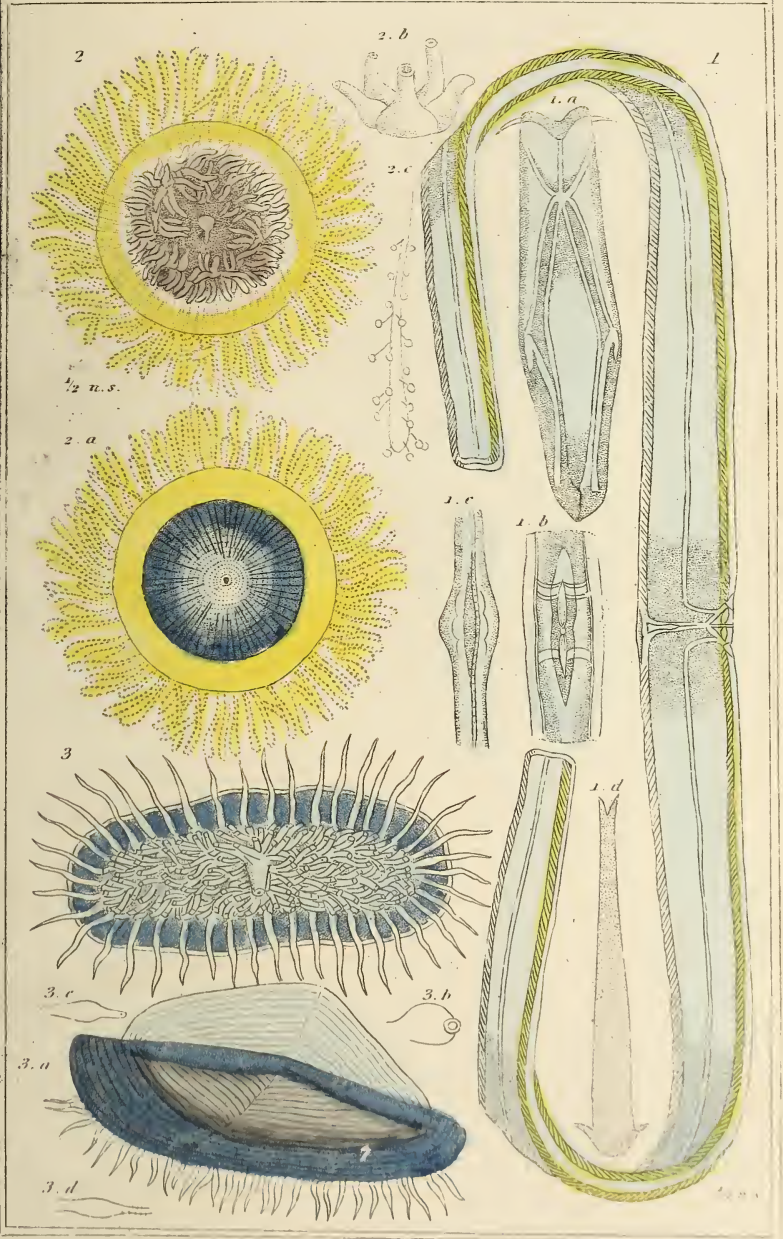
1. *Berenice furisochrona* Penn. 2. *Geeyouca proboscoidalis* Forsk.

3. *Cephea papuanensis* Les.



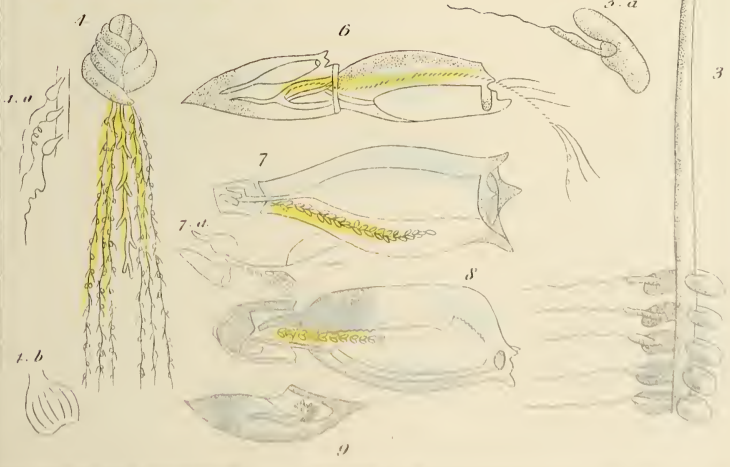
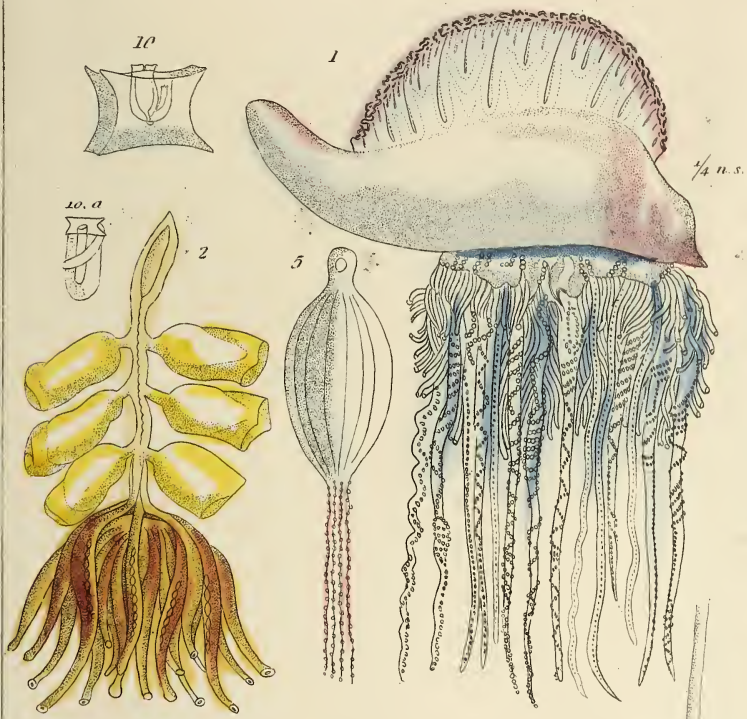


1. *Beroë pilens* Latr. 2. *Beroë lilya elongatus* Risso. 3. *Beroë costata* Reyn. 4. *Callianira lecephala* Reyn. 5. *Memna verruculata* Romp. 6. *Ocyrops naschidita* Risso.



1 *Cestum veneris* Lessueur. 2 *Porpita chrysonota* Les.

3 *Vereella limbosa* Lam



1 *Physalia atlantica* Less. 2 *Physosiphon disticha* Less. 3 *Physosiphon nicot* Lamour. 4 *Hippopodius luteus* Quoy & Gaim. 5 *Rhizophysa heliantha* Quoy & Gaim. 6 *Daphnia dispar* Eury. 7 *Calpe pentagona* Quoy & Gaim. 8 *Aplysia triquetra* Quoy & Gaim. 9 *Cymba sagitta* Quoy & Gaim. 10 *Cuboides vitreus* Quoy & Gaim.



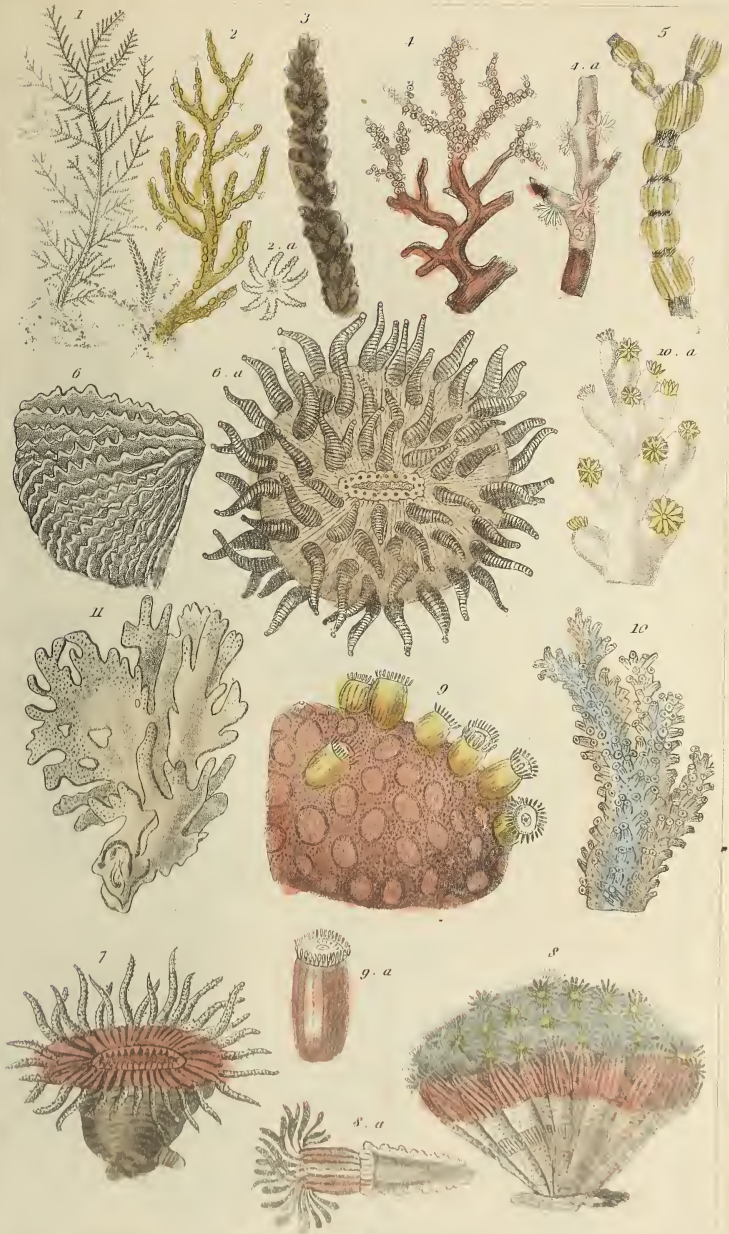
1. *Actinia corallina*, Risso. 2. *Thalassimanthos aster*, Boppel. 3. *Discosoma minutiforme*, Bop
 4. *Zoanthus variatus*, Cav. 5. *Lucernaria campanula*, Lamouroux.



1. *Tubipora rubecula* Quey 2. *Tubularia indivisa* Lam 3. *Sertularia tamarindus* Ellis 4. *Fungia cornuta* Ellis 5. *Flustra fragor* Esp d'la 6. *Celleporea pumiceosa* Ellis 7. *Tubulipora tubulicola* Lamel 8. *Corallina officinalis* Lin 9. *Flabellaria opuntia* Ellis 10. *Acetabulum mediterraneum* Lamel 11. *Polyphysa asperillum* Lamosa



1. *Hydra viridis* Trembl. var. 2. *Hydra fusca* B. Linn. 3. *Corgon multispinosus* Bosc. var. 4. *Verticella opercularis* Linn. 5. *Polycella* var. 6. *Polycella* var.



1. *Antipathes myriophylla* Ellis & Sol. 2. *Gorgonia verrucosa* Gmel. 3. *Enicea mammosa* Lamour.
 4. *Corallium rubrum* Gmel. 5. *Isis hippuris* Ellis & Sol. 6. *Euzgia crassitentaculata* Quey. 7. *Turbinolia rubra* Quey. 8. *Caryophylla fusculata* Lam. 9. *Astrea calcularis* Lam. 10. *Madrepora abrotanoides* Lam. 11. *Millepora alvicornis*. Pall.



1. *Pennatula grisea* Quoy 2 *Virgularia juveca*, Pall. 3. a fragment of the *Virgularia mirabilis* Mill. 4. *Renilla violacea* Quoy. 5. *Unbellularia eucrinus* Ellis 6. *Acyonima aurantiacum* Quoy 7. a large fragment of the *Acyonima canosum* Quoy 8. *Thethynn leucurium* Marsupli 9. *Spongia esculata* Pallas 10. *Spongia unius* Bl.

