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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,

Great Officer of the Legion of Honour, Counsellor of State, & Member of the Royal Council of Public Instruction, One of the Forty of the French Academy, Perpetual Secretary to the Academy of Sciences, Member of the Academies & Royal Societies of London, Berlin, Peterburgh, Stockholm, Turin, Edinburgh, Copenhagen, Gottingen, Pavia, Modena, the Netherlands, Calcutta, & of the Linnaean Society of London, &c. &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.

Translated from the latest French Edition.

with
ADDITIONAL NOTES,

and
Illustrated by nearly 800 Coloured Plates.

IN FOUR VOLUMES.

VOL. IV.

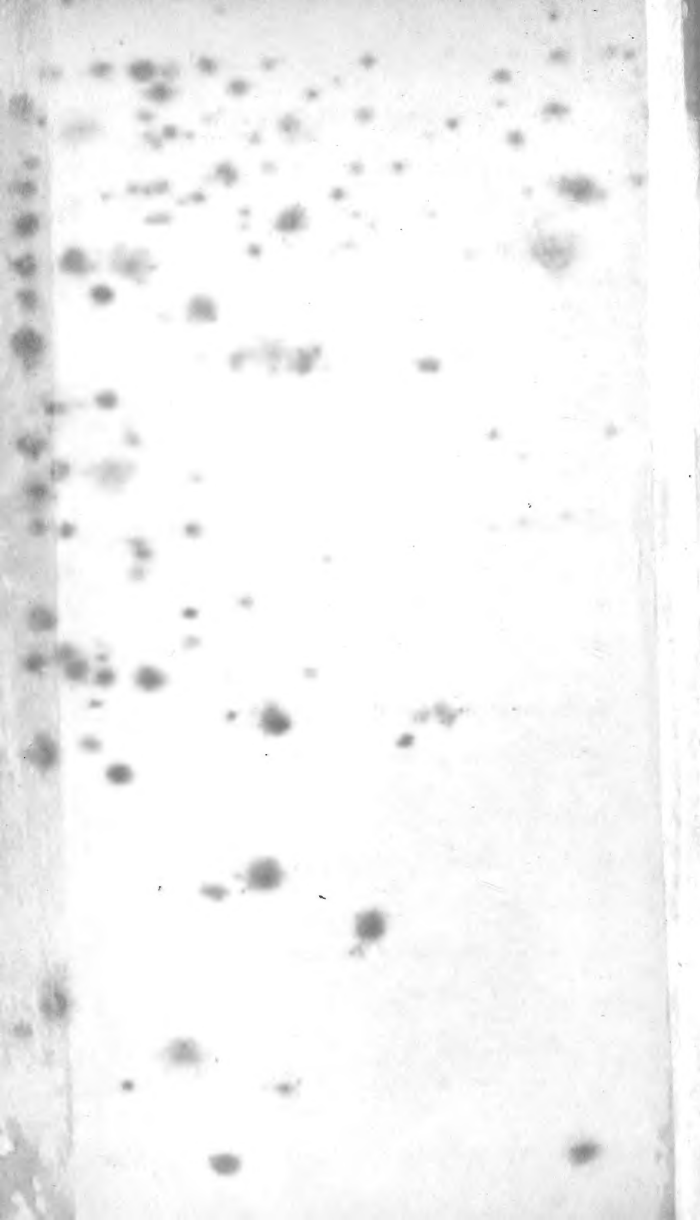
INSECTA-ZOOPHYTES.

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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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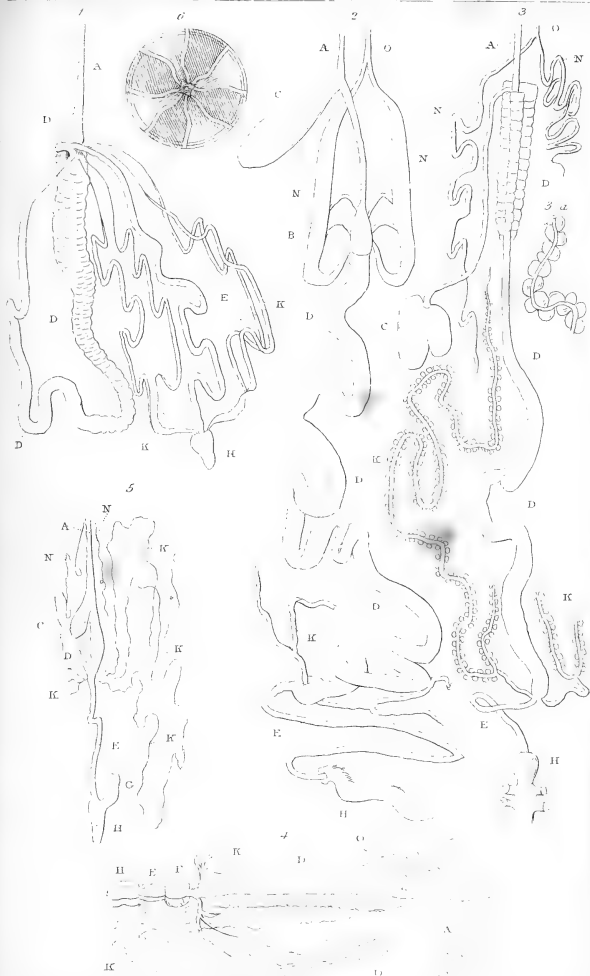
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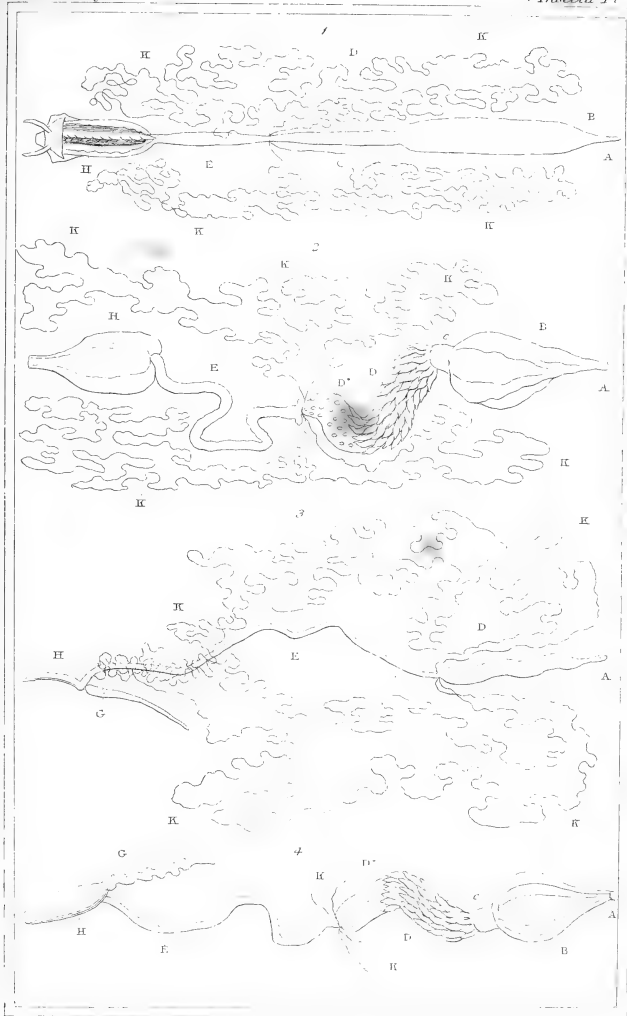
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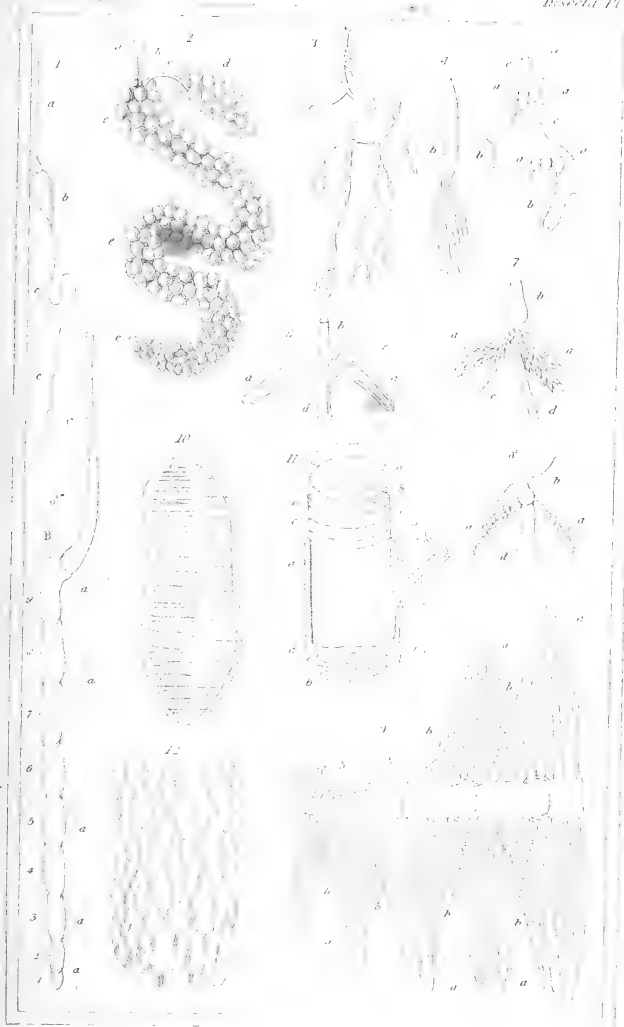
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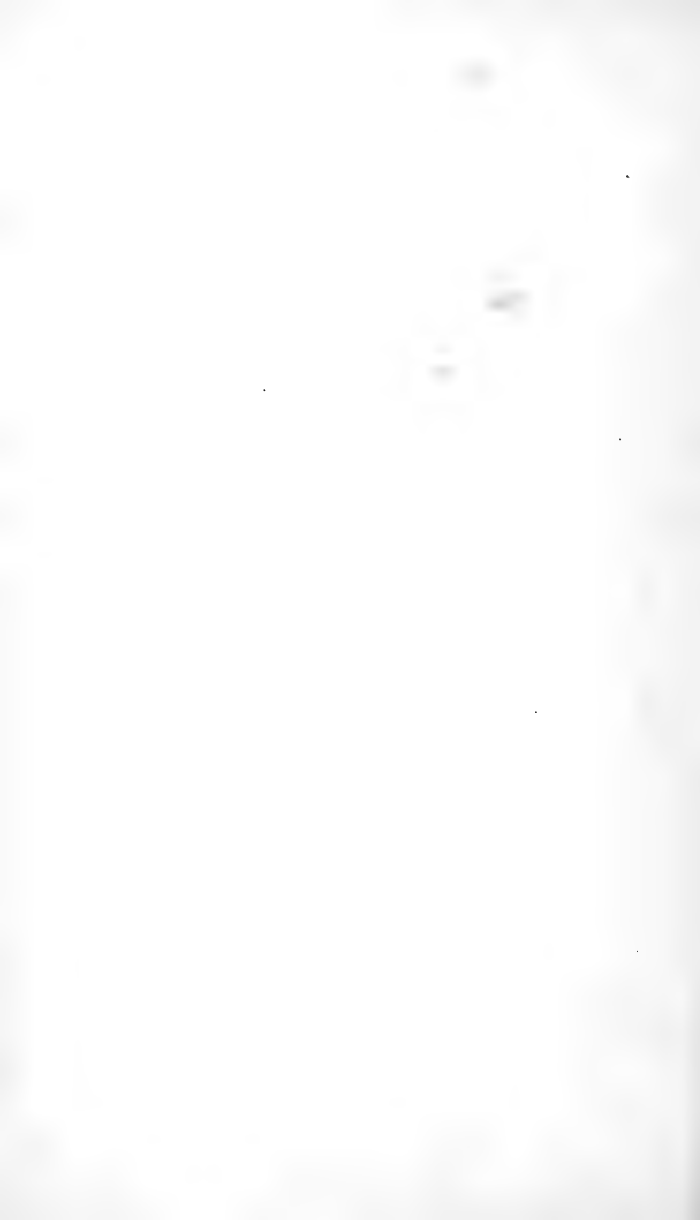


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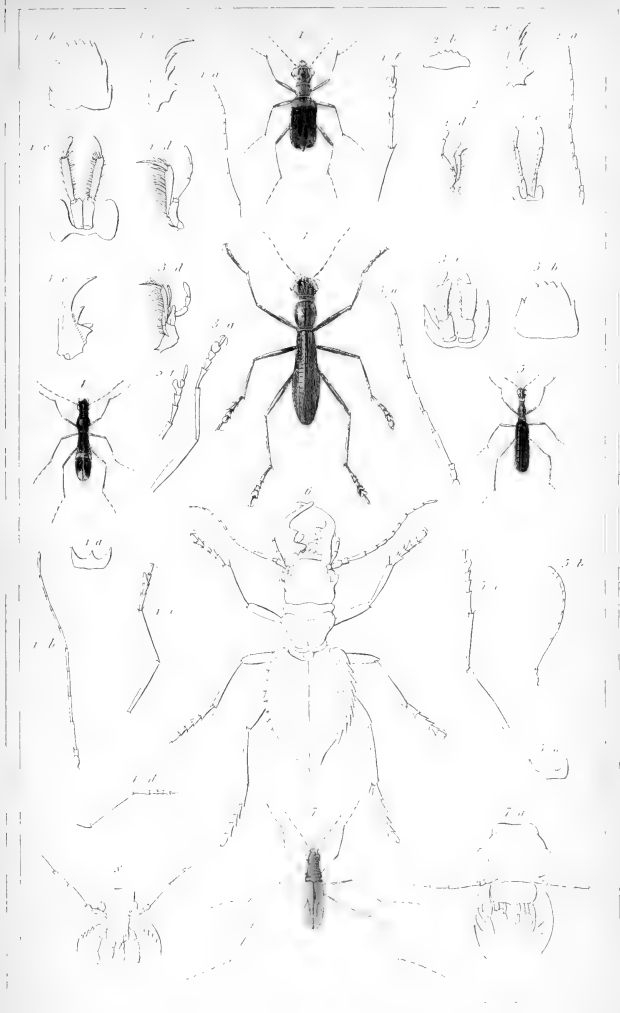




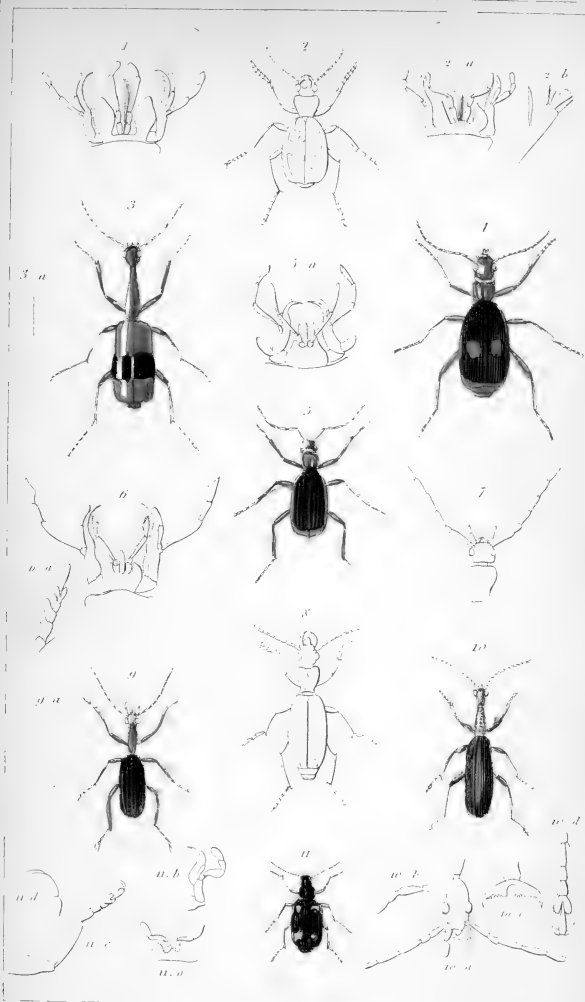


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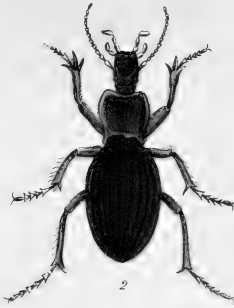




1. *Therates basilis*. D'Arc. 2. Anatomical details of the *Megacephala carolina*. Latr. 3. *Tryconelya aptera*. Latr. 4. *Ctenostoma ichneumonum*. Dej. 5. *Colluris modesta*. Dej. 6. *Manticora anaxillova* Latr. 7. *Cicindela tenuipes*. Går. 8. Head of the *Oxyscheila tristis*. Dej.



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1 *Panagrus guttator*.
 3 *Elater bipunctatus*.
 5 *Cerambyx borealis*.

2 *Pamborus alternans*.
 4 *Onitis subflorus*.
 6 *Hellus costatus*.

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



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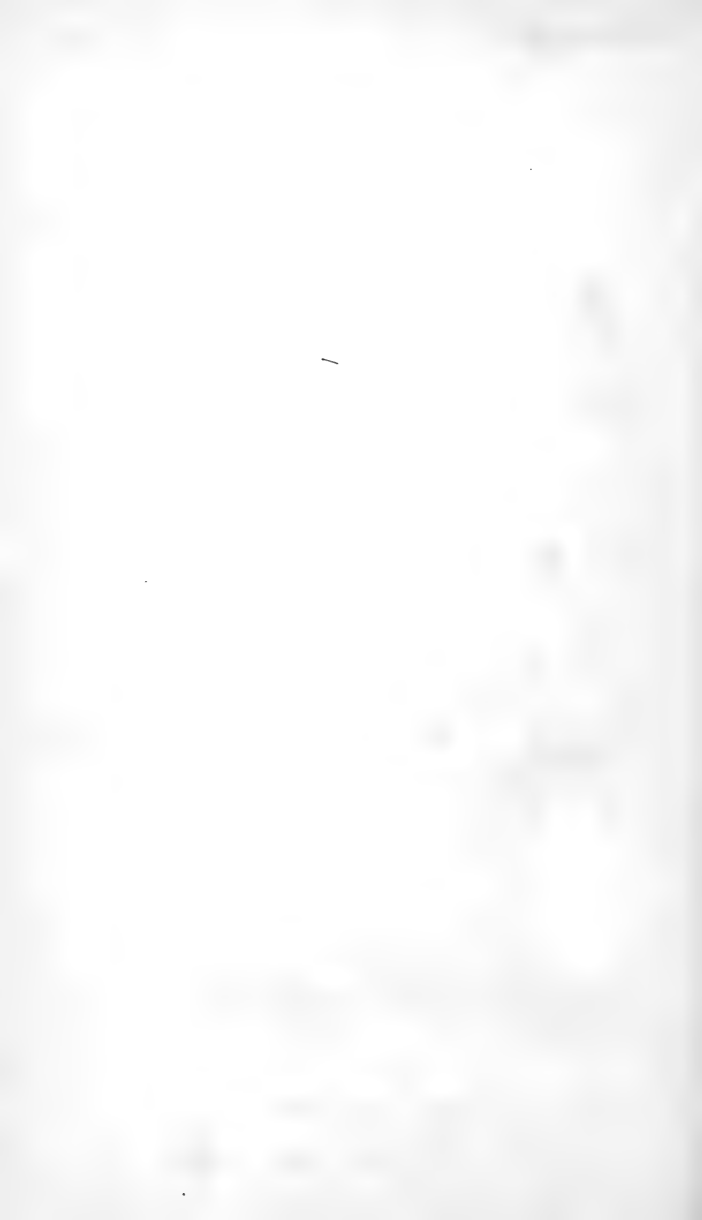


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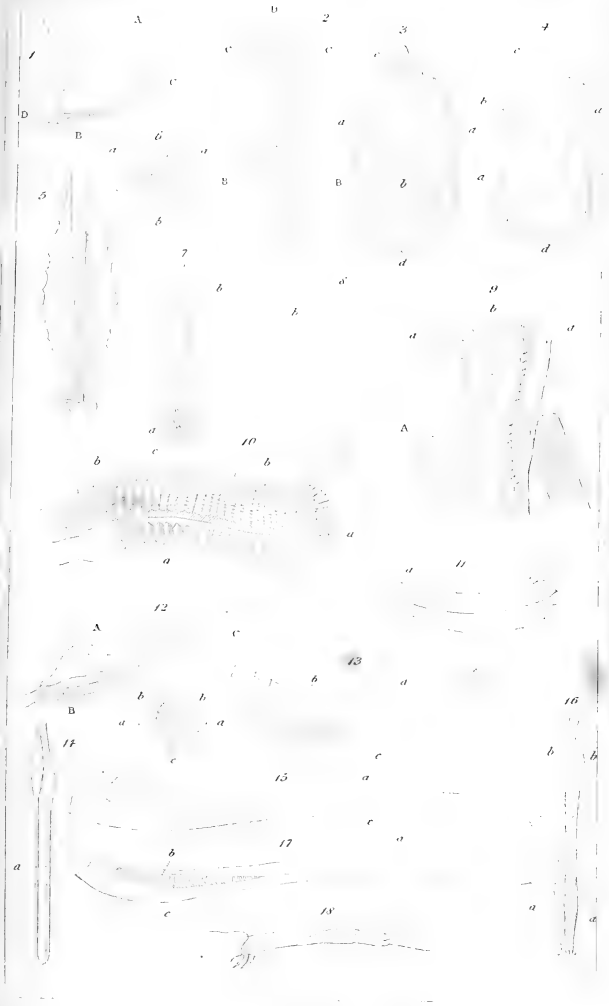
- 1 *Goliath barbicornis* (The Horned Goliath) 2 *Euprestis scutellatus*, The arched *Euprestis*
 3 *Lucanus cervinus* (The scarab *Lucanus*) 4 *Cereus bicornis* (The two horned *Cereus*)
 5 *Hispa Marginalis* (The Marginalis Chestnut Fly) 6 *Helrus perforata* (The perforated *Helrus* of New Holland)
 / *Brentus Appendiculatus*



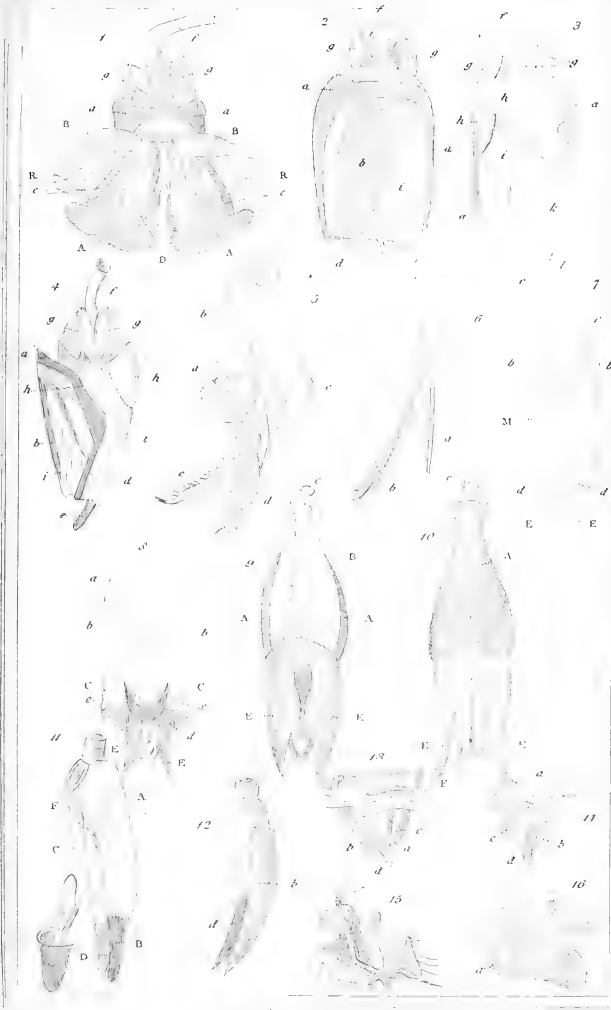


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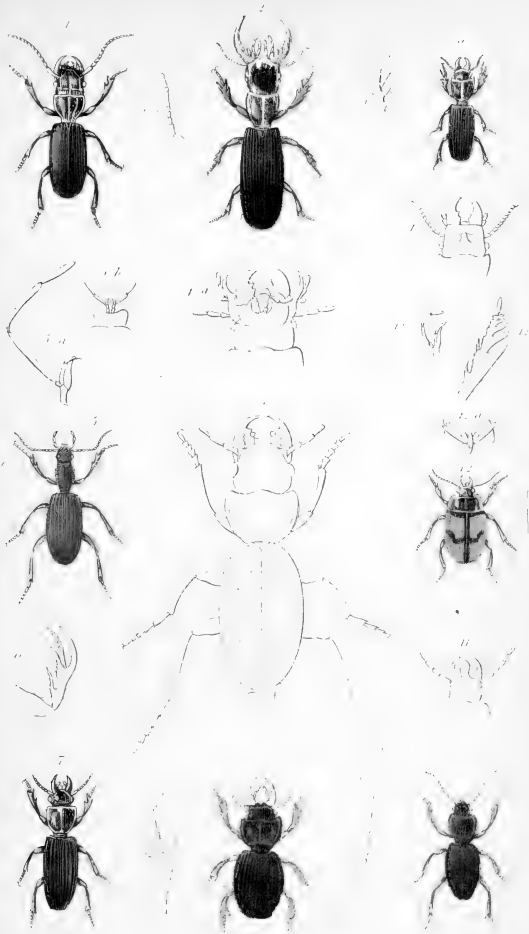




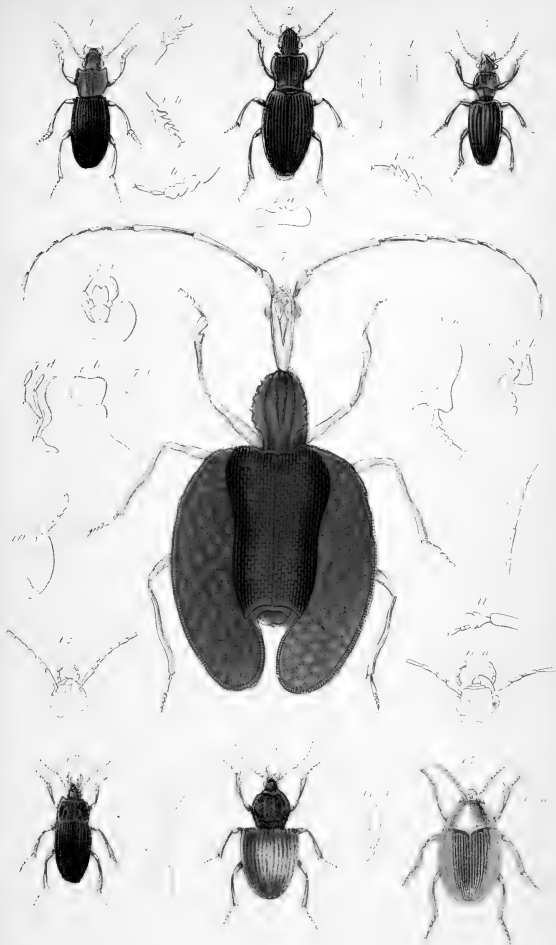
Organs of Generation in Insects.



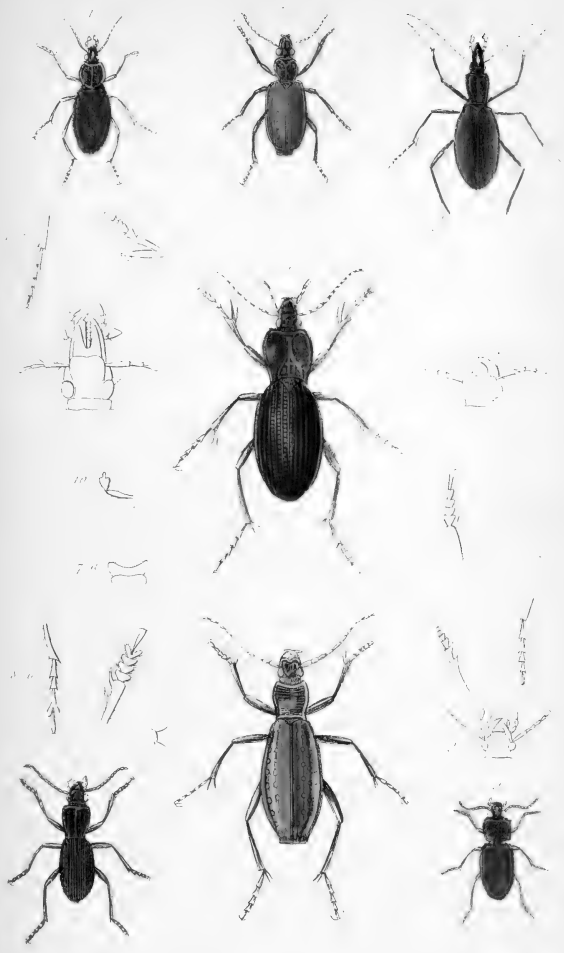
Organs of Generation in Insects.



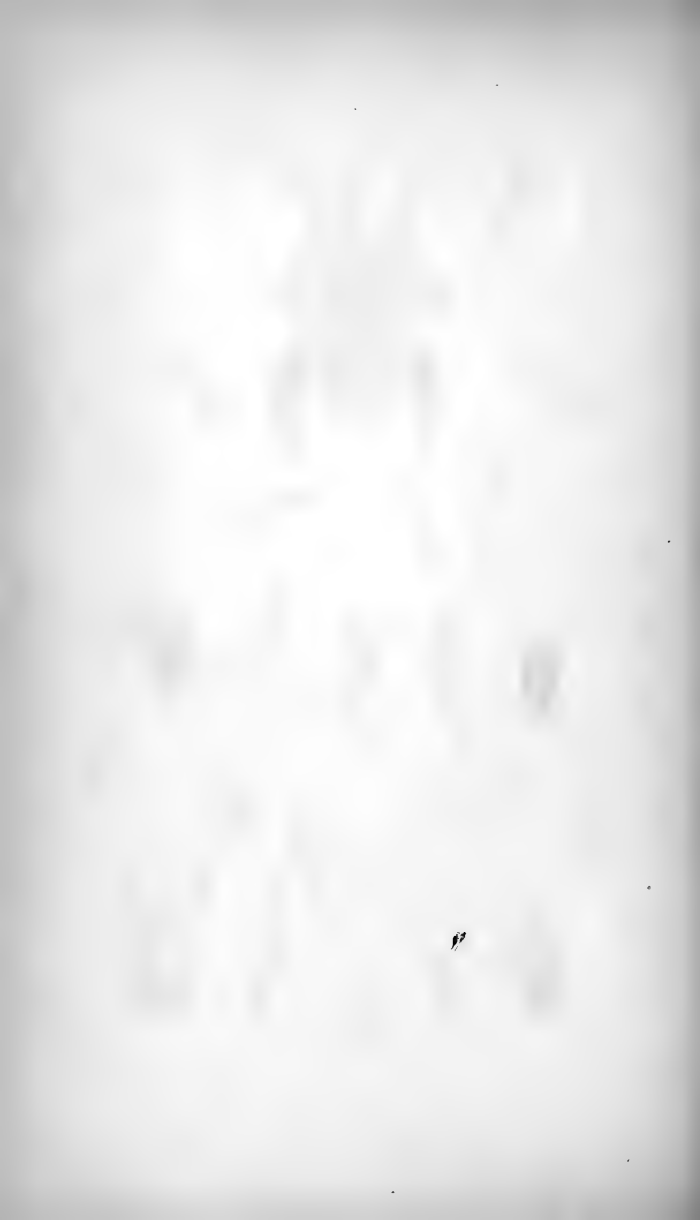
1. *Stagiona Europæa* Dej. 2. *Oxytormus Sancti-Hilarii* Latr. 3. *Scapheris Guerinii* Dej. 4. *Enceladus gurgæ* Bon. 5. *Apotomus rufus* Latr. 6. *Hind foot of the Burschirius thoracicus* Latr. 7. *Meloida simplicis* Dej. 8. *Acanthocelis ruficornis* Latr. 9. *Antennæ of the Oxytormus Rogerii* Dej. 10. *Bitomus violaceus* Latr. 11. *Head of the Bitomus caldonius* Latr. 12. *Cyclosemus flavicornis* Latr.

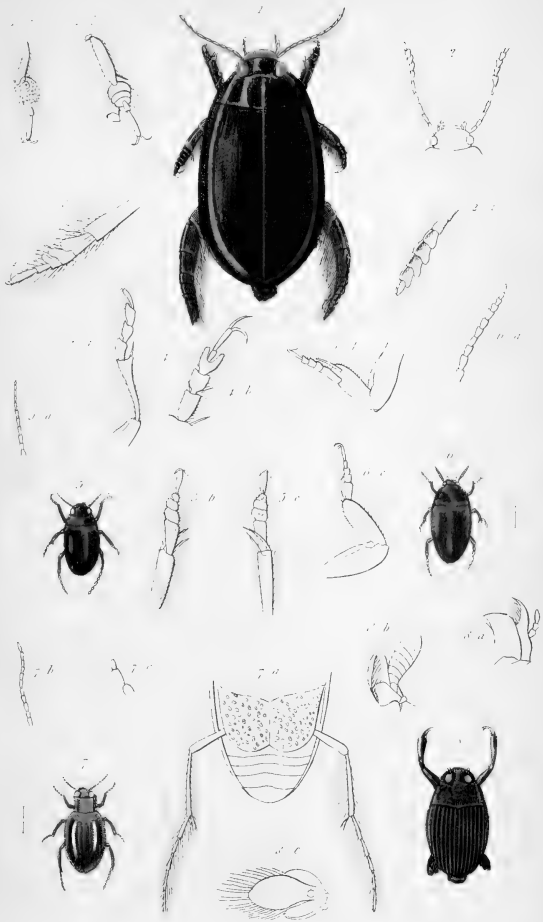


1. *Harpalus tricolor*, Guér. 2. *Trigonotoma viridicollis*, Dej. 3. Elytra of the *Veronia navarica*, Latr. 4. Elytra & tarsi of the *Veronia nuchamaria*, Lat. 5. *Cephalotes rufipes*, Lat. 6. Hindler Tarsus of the *Patriobus rufipes*, male. 7. *Mormolyce phyllodes*, Hag. 8. Hindler foot & Jaw of the *Zabrus gibbus*, Lat. 9. Anterior of the *Sphodrus terricola*, Lat. 10. Hindler foot of the *Veronia hottentota*, Lat. 11. Hindler Tarsus & foot of the *Licinus agricola*, male. 12. Head of the *Laricera pilicornis*, Lat. 13. *Cynthia abaxoides*, Lat. 14. *Panagæus fulgipennis*, Lat. 15. *Omophron saturalis*, Guér.

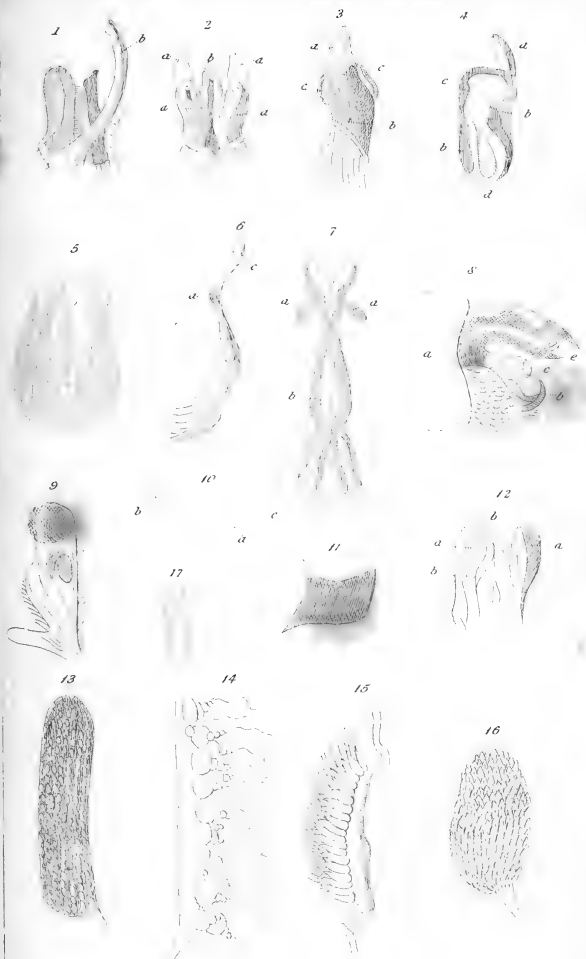


1. *Sphaeroderus nitidicollis*, Chevrol. 2. *Calosoma rugipenne*, Dej. 3. *Cychrus stibicus*, Bonelli. 4. *Pamborus alternans*, Lat. 5. Head of the *Pogonophorus*. 6. Under Tarsus of the *Pelophila*. 7. *Carabus rufilans*, Lat. 8. *Peltecinus cyanipes*, Kirby. 9. *Masoreus levatus*, Dej. 10. Palpi of the principal *Remulidion*.



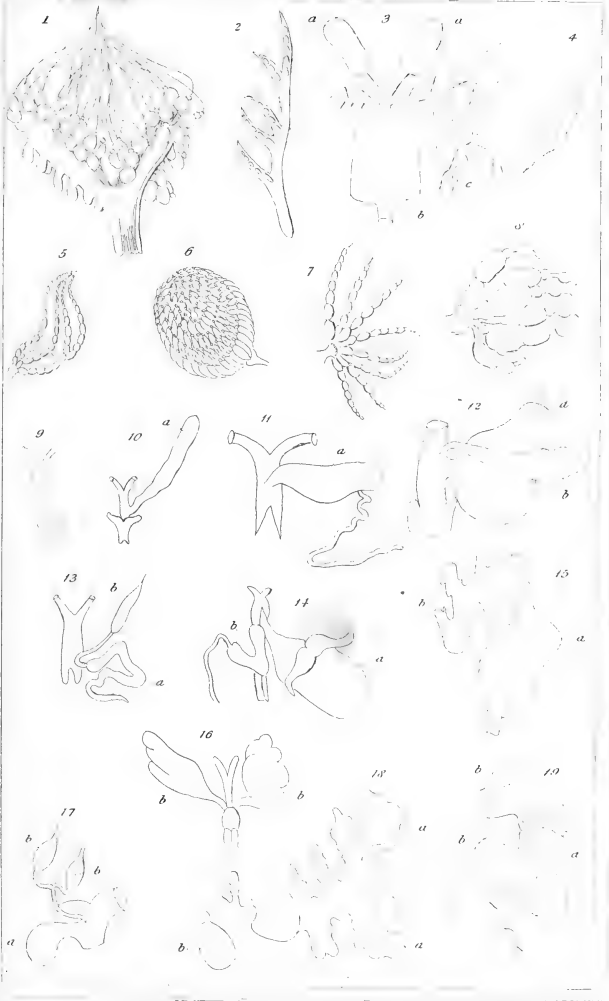


1. *Dytiscus Lherminieri*. Chev. 2. *Dytiscus serricornis*. Pnk. 3. Hindler foot of the Colymbetes. 4. Hindler foot of the Hydroporus plantae. Latr. 5. *Hygrobia Hermannii* Latr. 6. *Noterus crassicornis*. Clairv. 7. *Halip-Ins elevatus*. 8. *Cyrtinus sulcatus*. Dej.

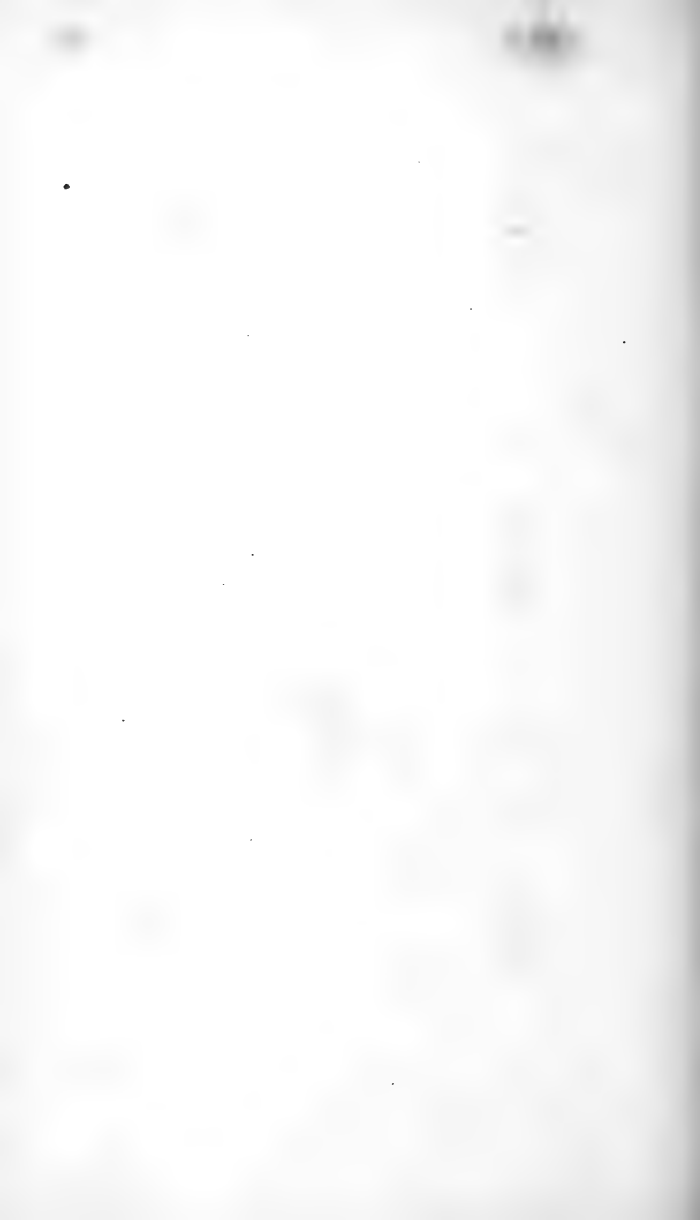


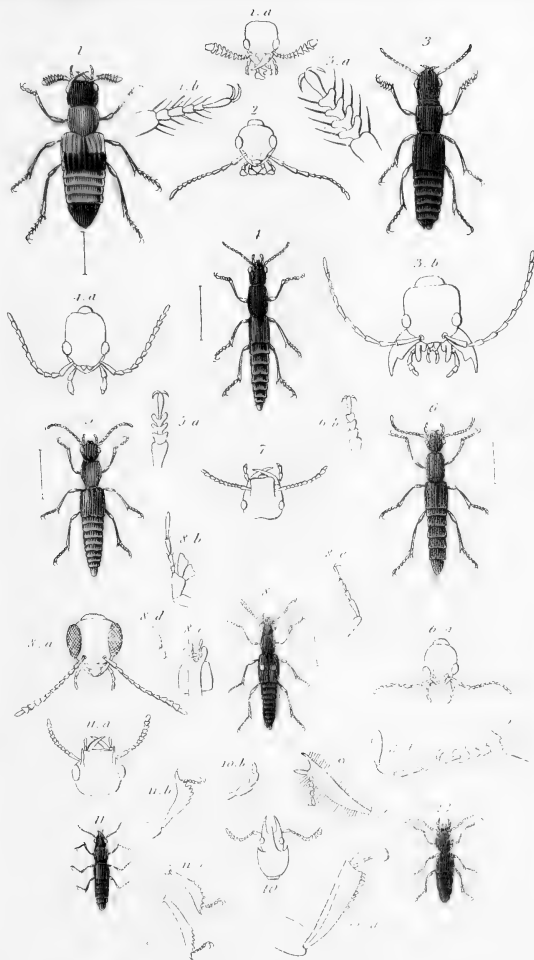
Organs of Generation in Insects.





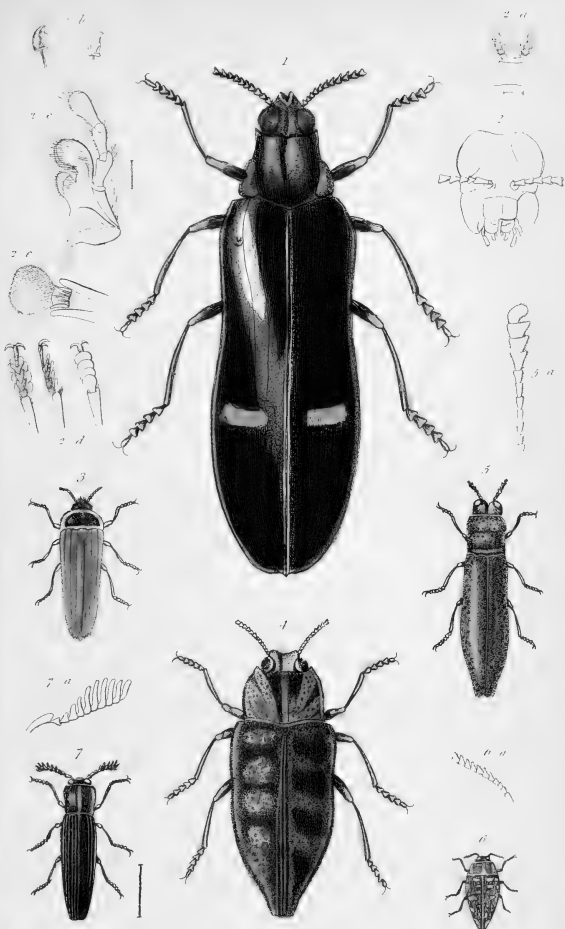
Organs of Generation in Insects.





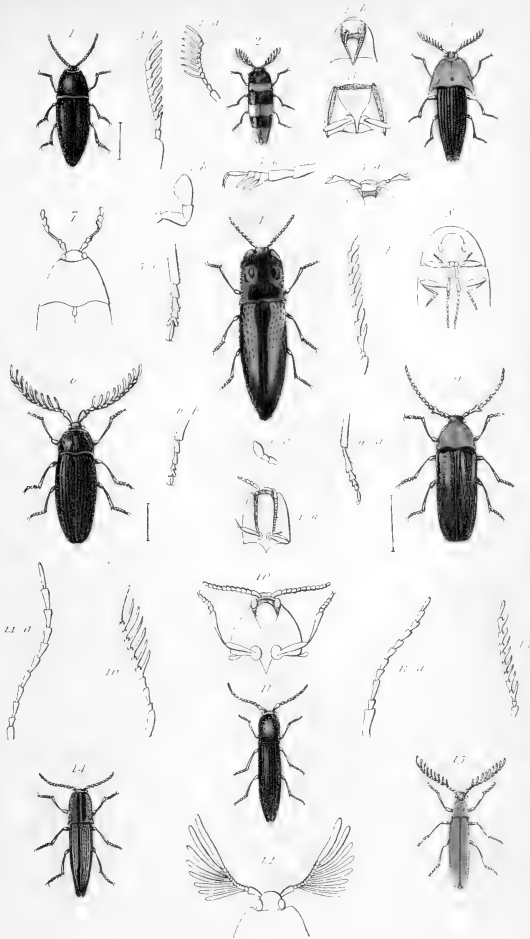
1. *Oxypterus rufus*, Lin. 2. Head of the *Astraperus ulmicus*, Oliv. 3. *Staphelinus tatoricus* Fies. 4. *Lathrobium elongatum*, Lin. 5. *Paederus ruficollis*, Fab. 6. *Procerus*: Left horn (Lat. 7. Head of the *Evaeoethus*. 8. *Meneis longitarsis*, Lin. 9. Anterior Tarsus of the *Sulcius*. 10. *Oxytelus bicornis*: Fab. 11. *Orosius hirsutiensis*, Fair. 10. *Zyrophorus striatus*, Lat.



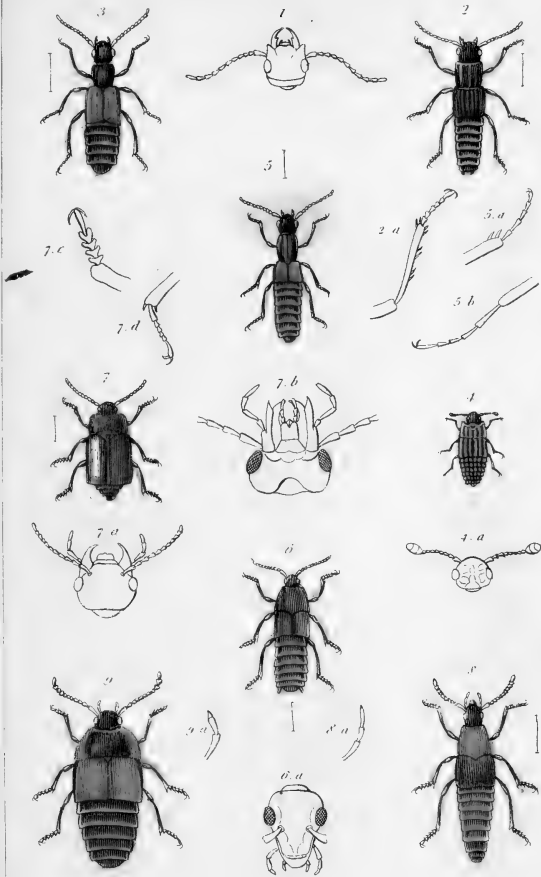


1. *Buprestis bicolor*. Lat. 2. Anatomy of the *Buprestis gigas*. Fab. 3. *Buprestis rubripennis*. Guér
 4. *Buprestis Lalandii*. Guér. 5. *Aphanisticus emarginatus*. Lat. 6. *Trachys cruentata*. Fab.
 7. *Melasis buprestoide*. Oliv.

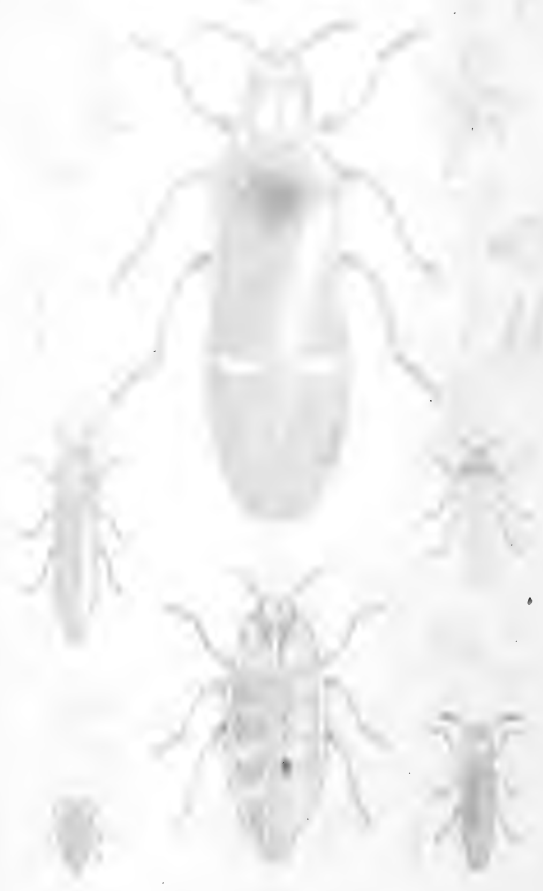


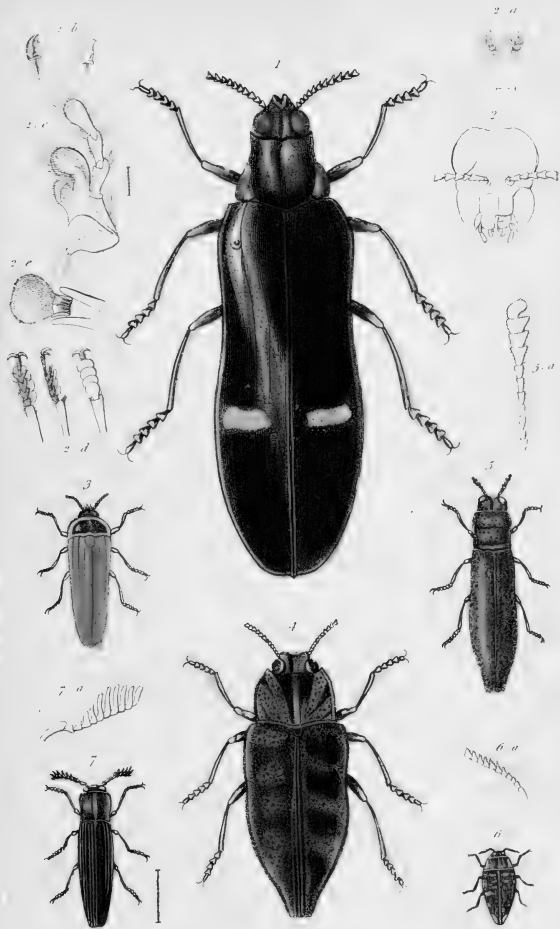


1. *Eucnemis capucinus*. Man. 2. *Pterotarsus histrio*. Latr. 3. Anatomical details of the *Galba marmorata*. Guér. 4. *Adelocera chubbanti* Guér. 5. *Belydres ruficollis* Guér. 6. *Cerophytm daturoides* Latr. 7. *Throseeus dermestoides* Latr. 8. *Chelonarium undatum* Latr. 9. *Cryptostoma denticornis* Fabr. 10. Head & corselet of the *Loboderus monilicornis* Guér. 11. *Nematodes filum* Latr. 12. Head of the *Hemorrhipus flabellicornis* Latr. 13. Antennae of the *Ctenicera harnatodes* Latr. 14. *Elatex plagiatus*. Germ. 15. *Campylus denticollis*. Fischer. 16. Antenna of the *Phyllocerus flavipennis*. Dej.

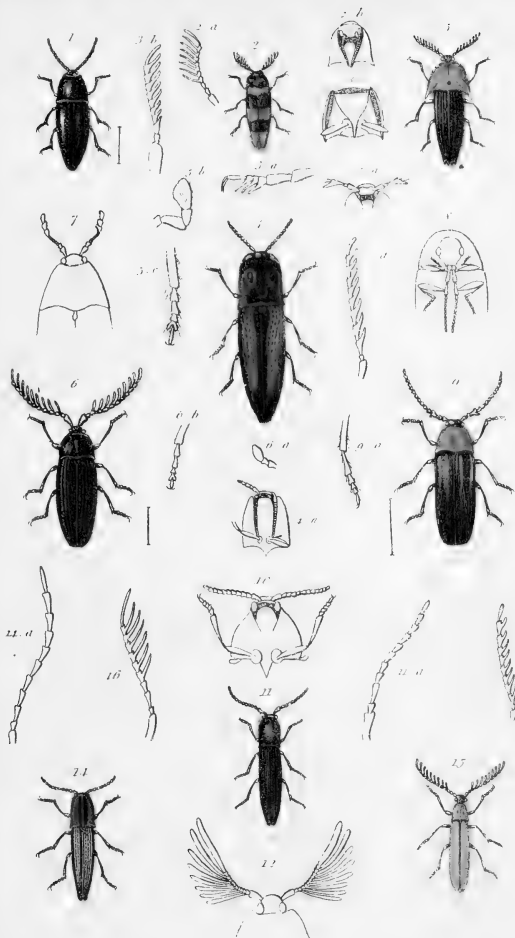


1. Head of the *Prognatha rufipennis*, Lat. 2. *Coprophilus rugosus*, Grav. 3. *Lesteva dichrea*, Latr
 4. *Micropeplus mulleri*, Dej. 5. *Aleochara canaliculata*, Fab. 6. *Lomechusa parvohexa*, Grav
 7. *Omalium blattoides*, Grav. 8. *Tachinus atricapillus*, Fab. 9. *Tachiporus marginatus*, Grav

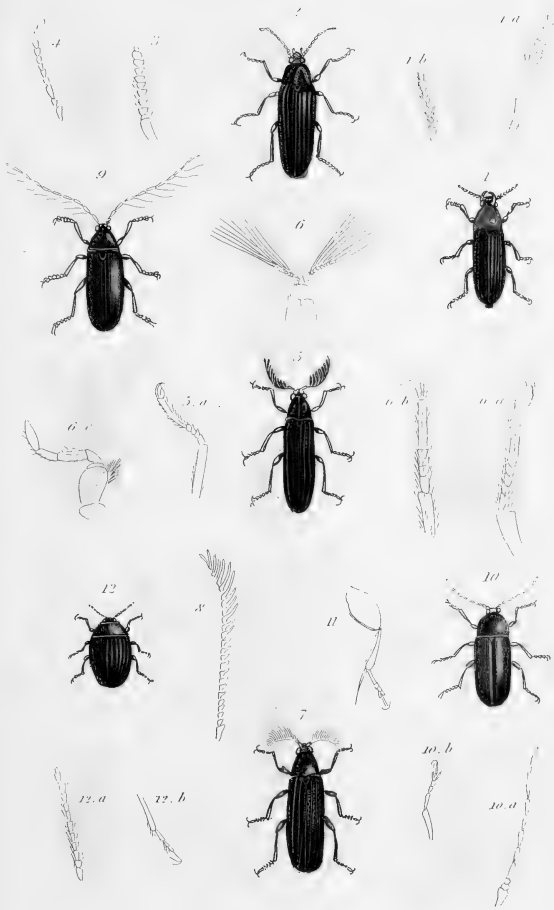




1. *Buprestis bicolor*. Lat. 2. Anatomy of the *Buprestis gigas*. Lat. 3. *Buprestis rubripennis*. Guer
 4. *Buprestis Lalandii* Guer. 5. *Aphanisticus entarginatus*. Lat. 6. *Trachys cruentata*. Lat.
 7. *Melasis buprestoide*. Oliv.



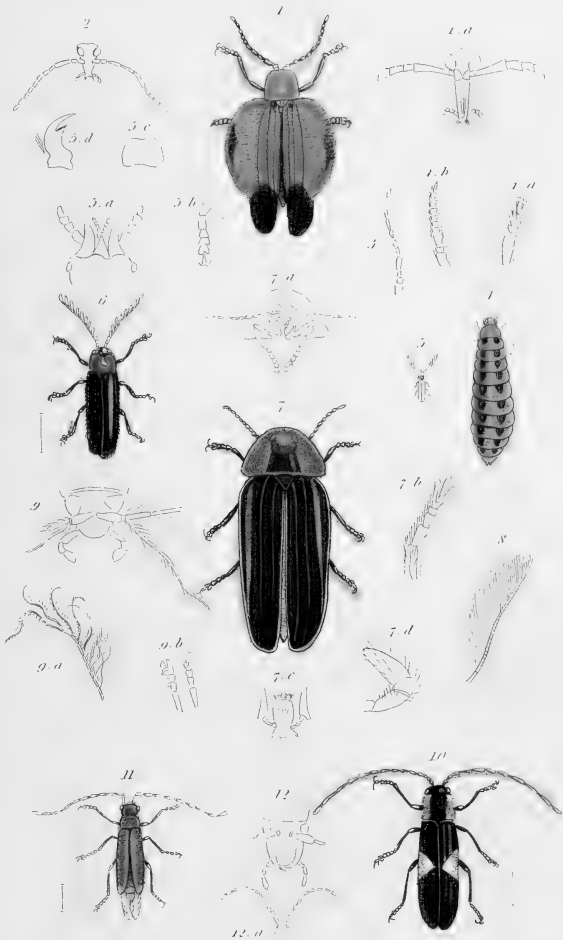
1. *Eucnemis capucinus* Man. 2. *Pterotarsus histrio* Latr. 3. Anatomical details of the *Galba nutmorsata* Guér. 4. *Adelocera chabannii* Guér. 5. *Bichrydes ruficollis* Guér. 6. *Cerophytum elateroides* Latr. 7. *Etheus dermestoides* Latr. 8. *Chelonarium unilatum* Latr. 9. *Cryptostoma denticornis* Fabr. 10. Head & corselet of the *Lobaderus moulicornis* Guér. 11. *Nematodes filum* Latr. 12. Head of the *Hemirhipus 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 Hemmingii*, Fisch. 2. *Cebrio fuscus*, Gory. 3. Antenna of the *Cebrio gigas*, fem. 4. Antenna of the *Anelastes Drurii*, Kirby. 5. *Gallirhipis Goryi*, Guerin. 6. Anatomical details of the *Gallirhipis Dejeani*, Latr. 7. *Rhipicera cyanca*, Guér. 8. Antenna of the *Rhipicera*, fem. 9. *Pulodactyla elaterina*, Illig. 10. *Elode pallidus*, Lat. 11. Hindler foot of the *Scyrtes* s. 12. *Eubria palustris*, Germ.

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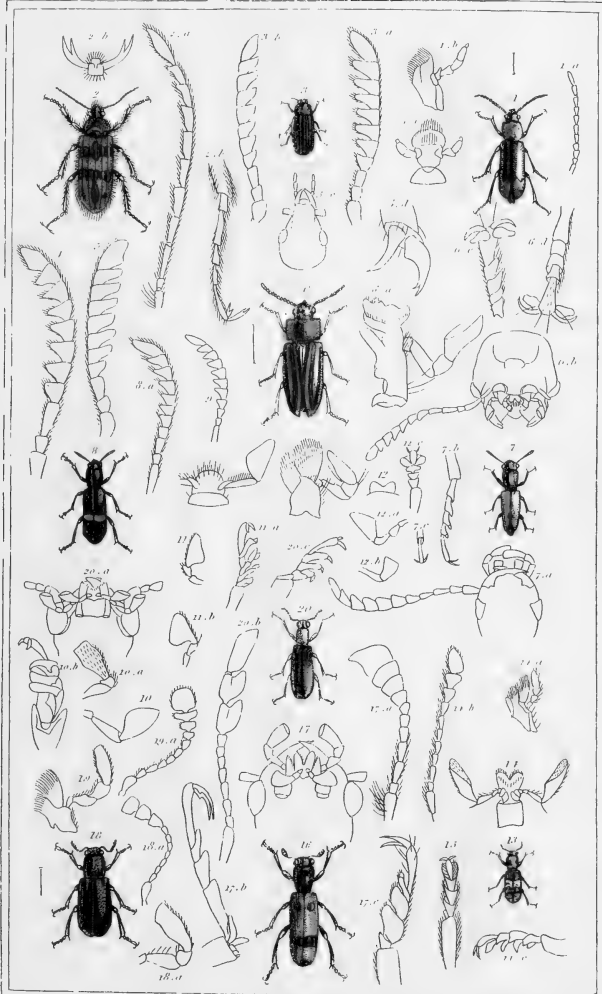




1. *Lyceus latissimus*. Fab. 2. Head of the *Diictyoptera sanguinea*. Latr. 3. Antennae of the *Omalisus suturalis*. Geoff. 4. *Drilus flavescens*. female. 5. male of the same species as fig four. 6. *Drilus ruficollis*. Dej. 7. *Lampyrus Savignyi* Kirby. 8. Antennae of the *Amydetes* Hoff. 9. Anatomical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

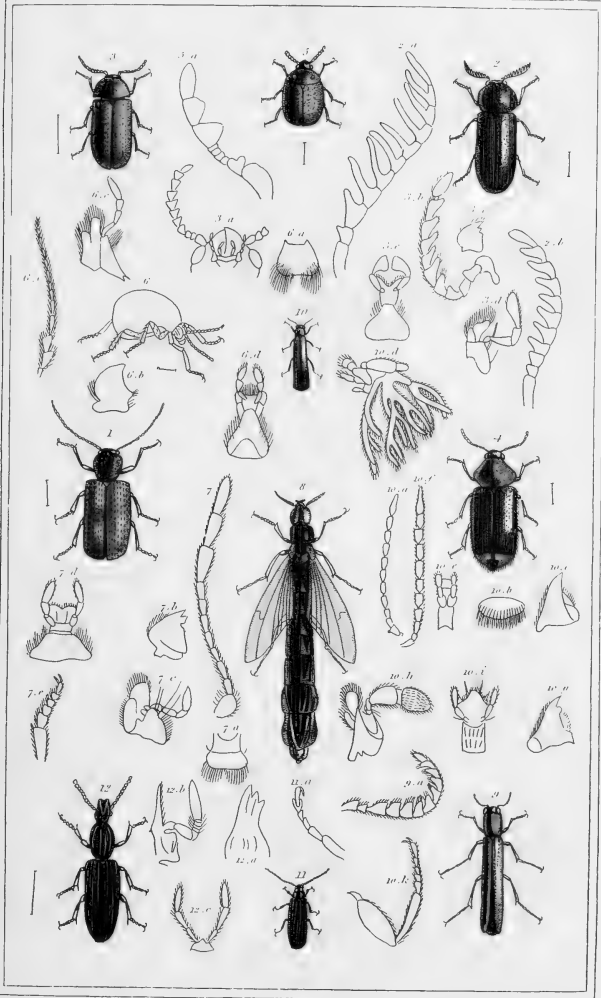


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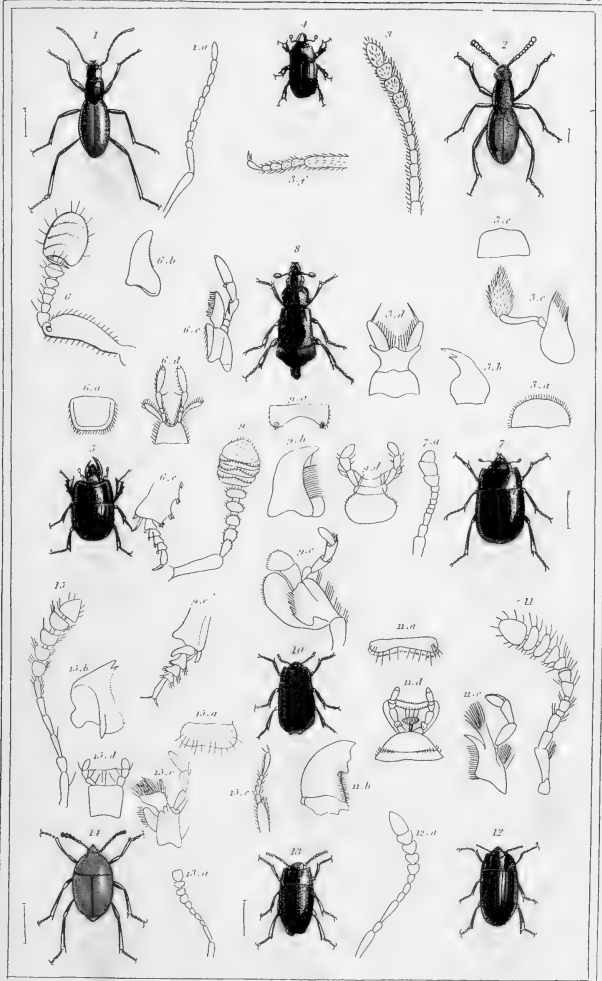
1. *Malachius ruficollis*, Fab. 2. *Dasytes trifasciatus*, Goe. 3. *Lygia oblonga*, F. 4. *Melyris viridis*.
 5. *Melyris abdominalis*, F. 6. *Pelecephus unguiculatus*, Goe. 7. *Cyphus Baqueti*, Goe. 8. *Tillus rubricollis*, Goe. 9. *Tillus unifasciatus*, F. 10. *Priocera*. 11. *Asiam*. 12. *Eurypus*. 13. *Thanasimus bonbycinus*, Chev. 14. *Thanasimus fomicarius*, F. 15. *Opila*. 16. *Clerus plivieri*, Chev. 17. *Clerus alvareus*, F. 18. *Xecrobia violacea*, L. 19. *Xecrobia ruficollis*, F. 20. *Emplium viridipenne*, Kirby.





1. *Ptinus italicus*, Chev. 2. *Ptilinus serraticornis*, Oliv. 3. *Xyletinus pallens*, Stey. 3. b a c. Anatomical details of the *Xyletinus pectinatus*, Fab. 4. *Ochina samunicollis*, Zool. 5. *Dorcotoma rubens*, Chev. 6. *Gibbium scottii*, Oliv. 7. Anatomical details of the *Anobium pertinax*, L. 8. *Attractocerus melerochoides*, Guér. 9. *Hylcoctus Javanus*, Chev. 10. *Ixmoxylon navale*, Oliv. 11. *Cupes capitata*, F. 12. *Phrosodes cestatus*, Chev.

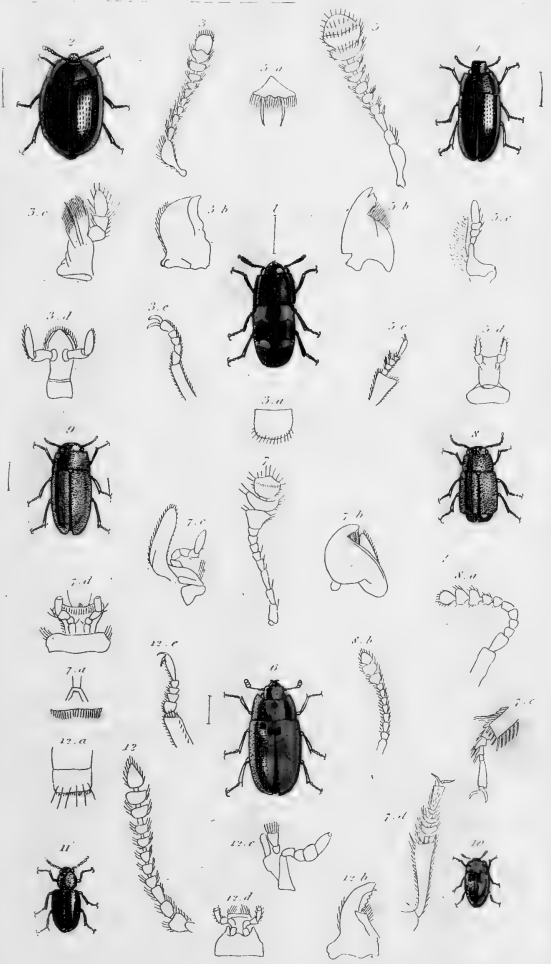




1. *Mastigys fuscus*, Klug. 2. *Seydmanus hebræi*, var. Lat. 3. Anatomical details of the *Seydmanus hirticollis*, Klug. 4. *Hololofta 4 dentata*, E. 5. *Histeus mandibularis*, Chev. 6. Anatomical details of the *Histeus maculatus* L. 7. *Sphæxite s. globatus*, F. 8. *Necrophorus maritimus*, Eschsch. 9. *Necrophorus germanicus* L. 10. *Silpha graminigera*, Chev. 11. *Necrodes litoralis* L. 12. *Necrophilus hydrophiloides*, Eschsch. 13. *Agrytes castaneus*, F. 14. *Scaphidium nigripes*, Chev. 15. *Scaphidium maculatum*, Oliv.



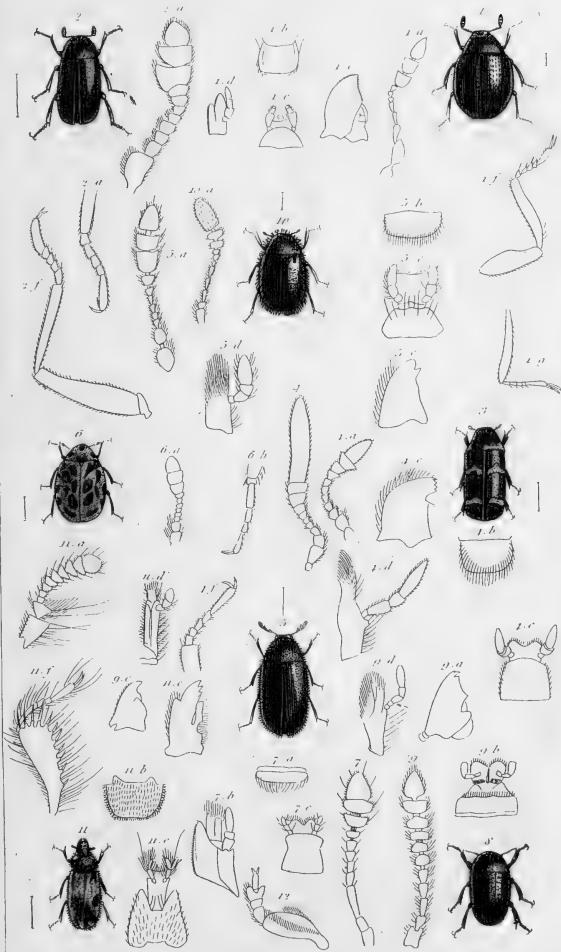
PLATE I. ILLUSTRATIONS OF THE LIFE HISTORY OF THE COMMON HOUSEFLY (*MUSCA DOMESTICA*).
1. THE ADULT FLY. 2. THE EGG. 3. THE LARVA. 4. THE PUPA. 5. THE ADULT FLY, REPRODUCED FROM THE PUPA.



1. *Colobius marginatus*. Lat. 2. *Thymalus marginicollis*. Chev. 3. Anatomical details of the *Thymalus limbatus*. F. 4. *Ips fasciatus*. Chev. 5. Anatomical details of the *Ips 4 punctata*. Herbst. 6. *Nitidula pennsylvanica*. Guér. 7. Anatomical details of the *Nitidula imperialis*. F. 8. *Cercus pulicarius*. Lat. 9. *Pterurus tenuis*. F. 10. *Dacne fenoralis*. Chev. 11. *Cryptophagus nigripennis*. Payk. 12. Anatomical details of the *Cryptophagus populi*. Payk.

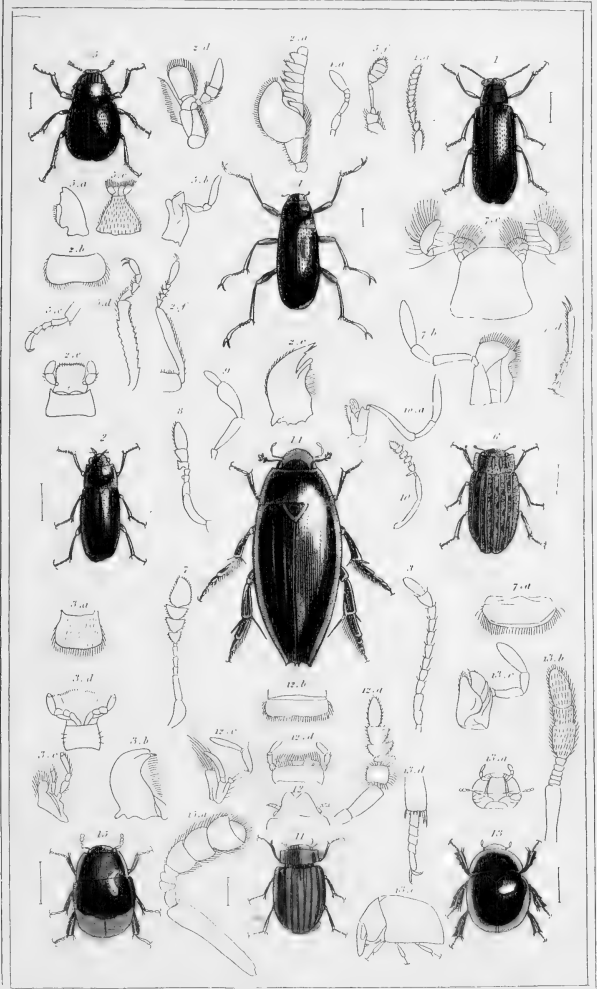


PLATE I
1. *Curculionidae*
2. *Coleoptera*
3. *Curculionidae*
4. *Coleoptera*
5. *Curculionidae*
6. *Coleoptera*



1. *Aspidiphorus orbiculatus*. Gyl. 2. *Dermeestes carnivorus*. Ehb. 3. *Megatomia imbuta*. Lat. 4. Anatomical details of the *Megatomia trifasciata*. F. 5. *Attagenus serra*. E. 6. *Anthrenus cupensis*. E. 7. Anatomical details of the *Nosodendron fasciculare*. G. 8. *Byrrhus alpinus*. Gory. 9. Anatomical details of the *Byrrhus Ilmii*. Tsch. 10. *Trinodes hirtus*. F. 11. *Heterocerus marginatus*. Ehb. 12. Foot of the *Byrrhus ruficolor*. Sturm.

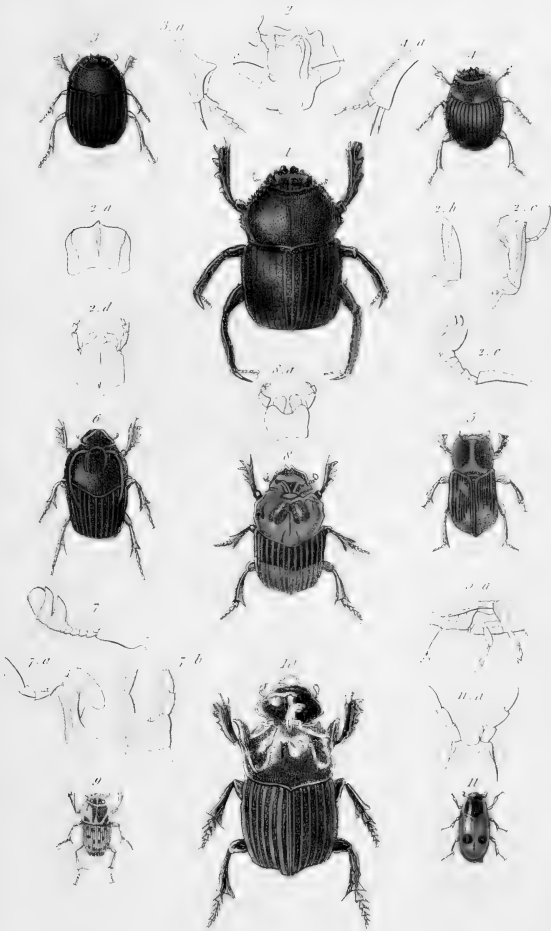




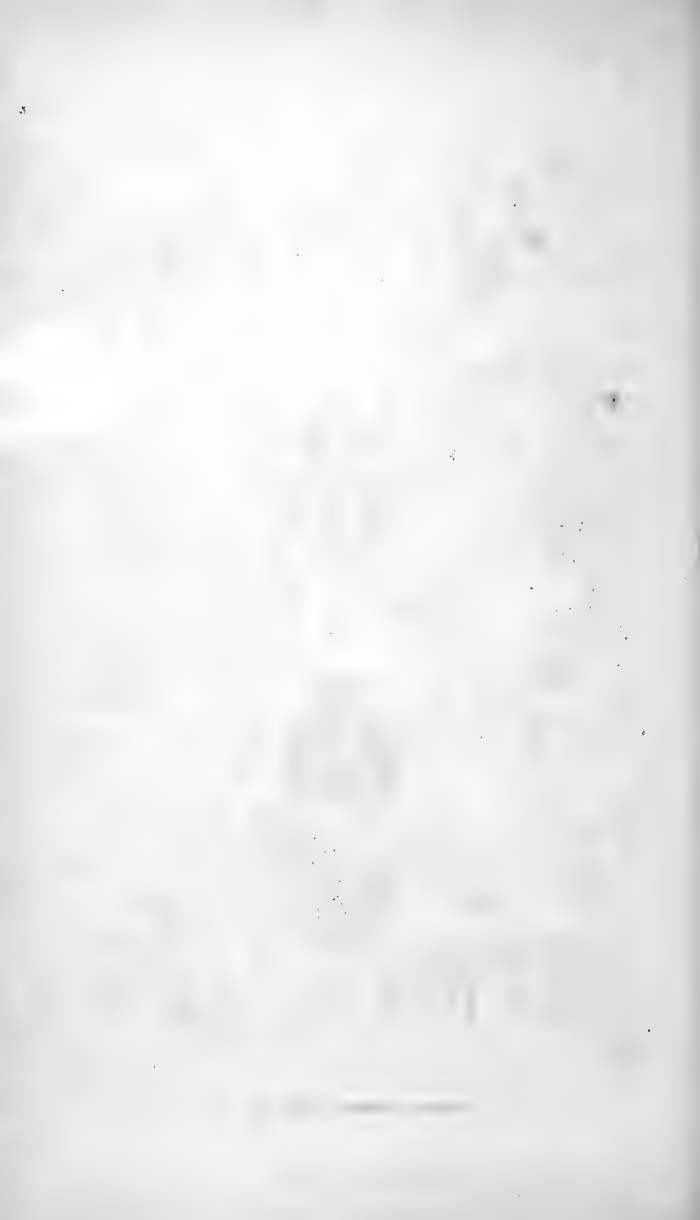
1 *Potamophilus orientalis*, Gory. 2 *Dryops prolifericornis*, Fab. 3. Anatomical details of the *Elmus* Volekmart Em. 4. *Macronychus tuberculatus*, Nol. 5. *Gearissus pygmaeus*, Gyl. 6. *Elophorus nobilis*, Fab. 7. Anatomical details of the *Elophorus fennicus*, Fieb. 8. Antenna of the *Hydrochus elongatus*, Fab. 9. Palpi of the *Oelthebus hibernicus*, Curt. 10. Anatomical details of the *Hydrocha testacea*, Curt. 11. *Sperchovus sulcatus*, Gory. 12. Anatomical details of the *Sperchovus emarginatus*, Fab. 13. *Globaria nitida*, Gory. 14. *Hydrophilus spinipennis*, Gory. 15. *Sphoridium dimidiatum*, Gory.

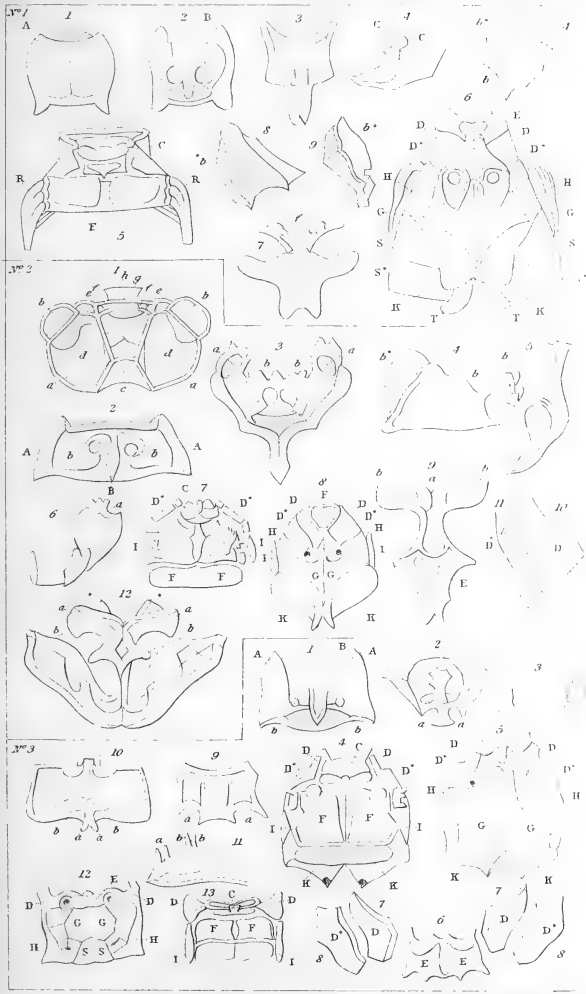
London G. Henderson, 29 Old Bailey.





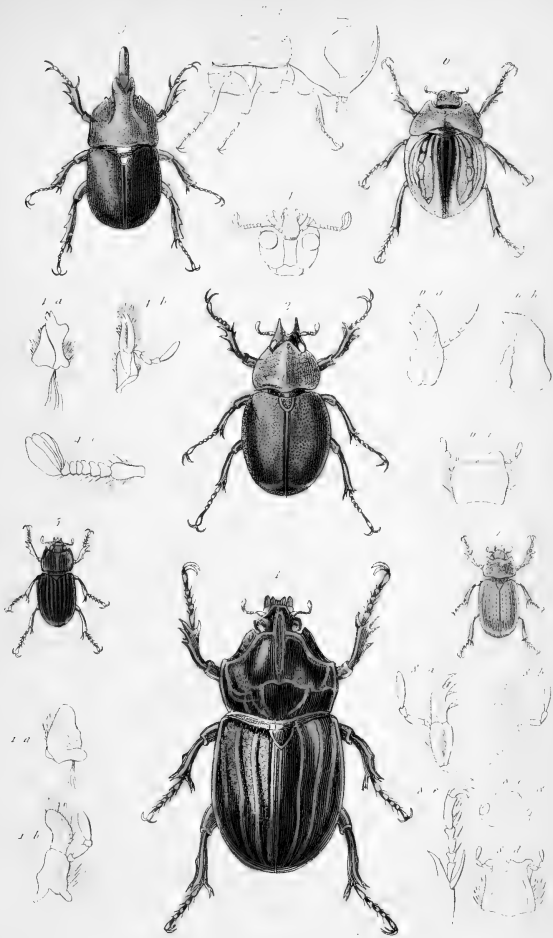
1. *Atenuchus Egyptianum*. Latr. 2. Anatomical details of the *Atenuchus sacer*. Latr. 3. *Circellium hemisphericum*. Latr. 4. *Coprobium viridis*. Latr. 5. *Eurystemnus fœdus*. Guér. 6. *Ontophagus rarus*. Guér. 7. Anatomical details of the *Ontophagus vacca*. Latr. 8. *Phænus imperator*. Chevrol. 9. *Oniticellus formosus*. Chevrol. 10. *Copris bellator*. Chevrol. 11. *Aphodius bipunctatus*. Fabr.





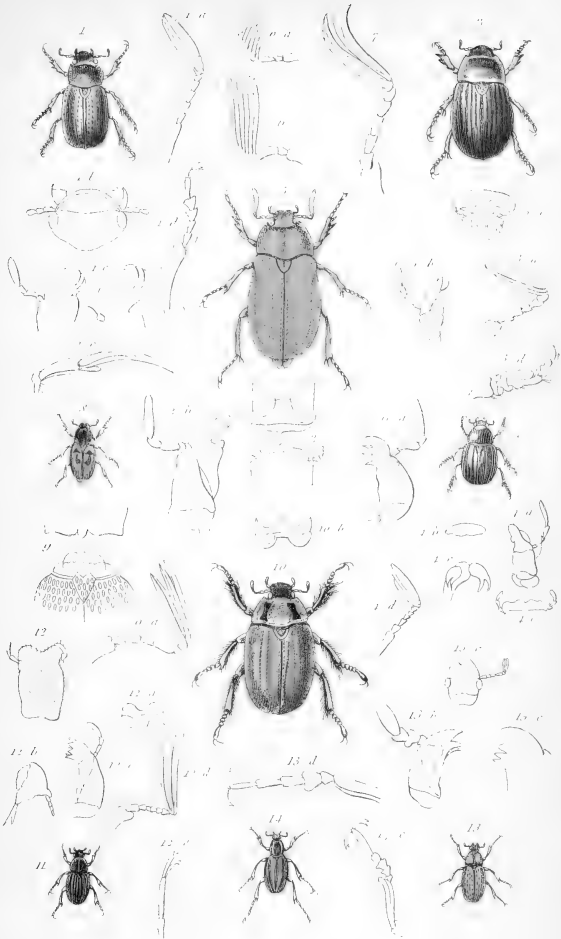
Organs of Motion in Insects.



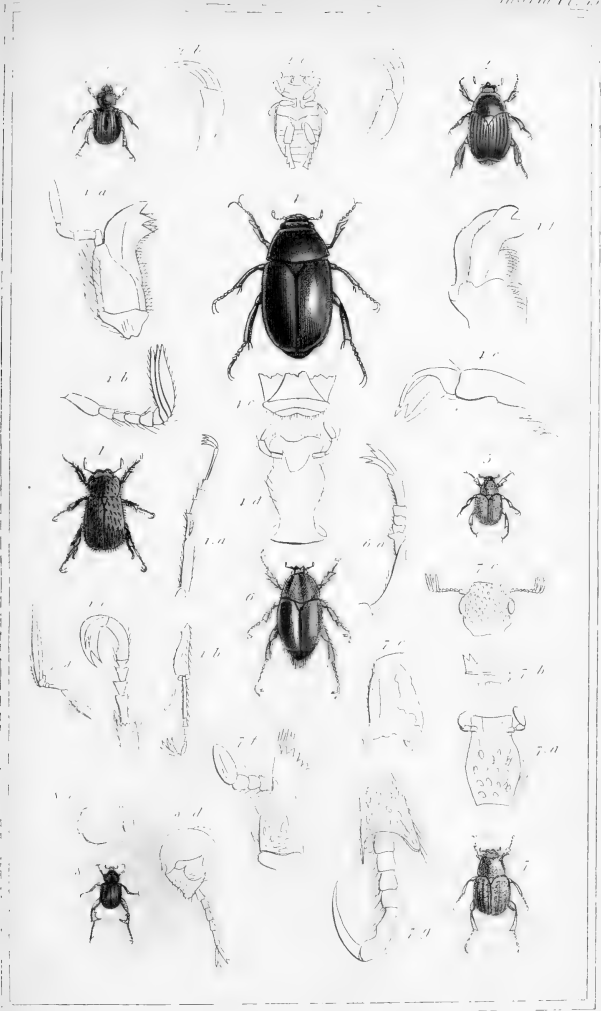


1. *Oryctes Chevrolatii*, Guér. 2. *Agacephala furcata*, Guér. 3. *Scarabaeus niger*, Guér. 4. Anatomical details of the *Scarabaeus gideon*, Fabr. 5. *Phileurus cribratus*, Chev. 6. *Hexodon reticulatus*, Olivier. 7. *Cyclocephala frontalis*, Chev. 8. Anatomical details of the *Cyclocephala geminata*,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



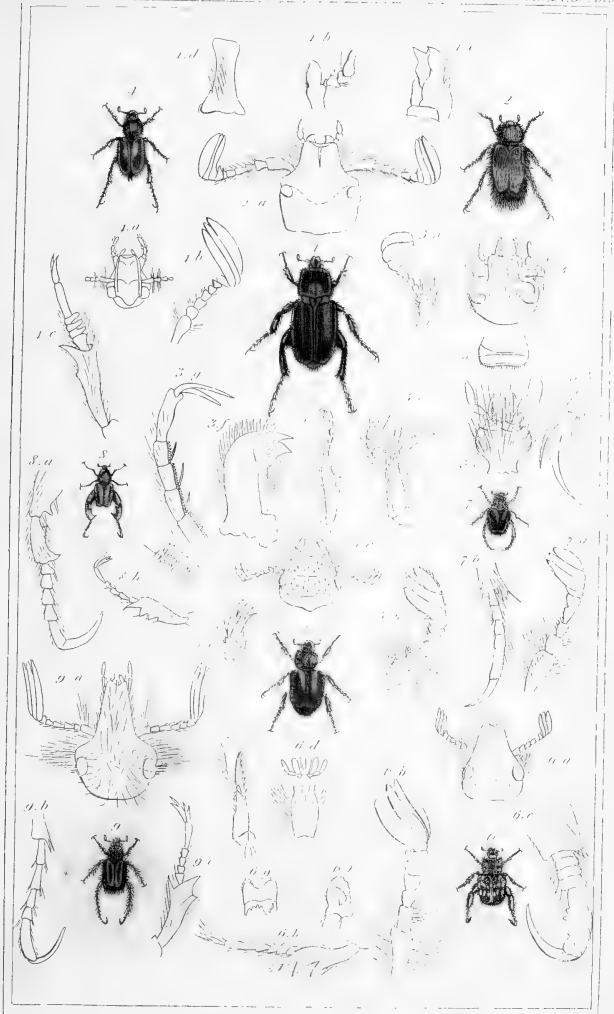


1. *Leucothyreus nitidicollis*, Guér. 2. Anatomical details of the *Apoplognathus Latreillei*, Sch. 3. *Geni-ates barbatus* Kirby. 4. *Apogonia geniculata*, Kirby. 5. *Melolontha flavida* Gory. 6. Antennae of the *Melolontha vulgaris* L. 7. Antennae of the *Blisotrogus pini*, Latr. 8. *Ceraspis decora* Gory. 9. Anatomical details of the *Ceraspis albida* Serv. 10. *Areola* Kirby, Mac. Leay. 11. *Serica flavimana* Gory. 12. Anatomical details of the *Serica variabilis*, Lat. 13. *Diphucephala furcata*, Guér. 14. *Marcodactylus saturalis*, Chev.



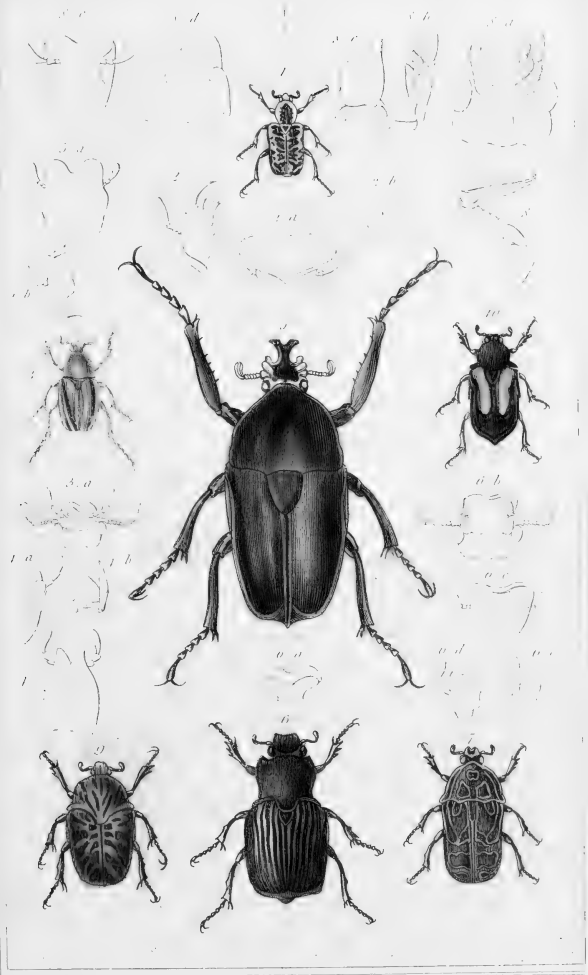
1. *Plectris tomentosa*, Lep. & Serv. 2. *Popilia nitidicollis*, Gory. 3. *Anisoplia saturata*, Guér.
 4. *Euclyptus viridana*, Guér. 5. *Lepisia ruficollis*, Serv. 6. *Bierania velutina*, Gory.
 7. *Hoplia furiosa*, Fabr. 8. *Dichelus dentipes*, Serv.





1. *Glaphyrus rufipennis*, Gory. 2. *Amphicoma boulyiiformis*, Fall. 3. Anatomical details of the *Amphicoma*. 4. *Anthipna abdominalis*, Esch. 5. *Chasmodon luteus*, Serv. 6. *Pachymeris crassipes*, Serv. 7. *Leptitrix abbreviatus*, Serv. 8. *Monochelis goninger*, Serv. 9. *Anisonyx nasuta*, Wied.





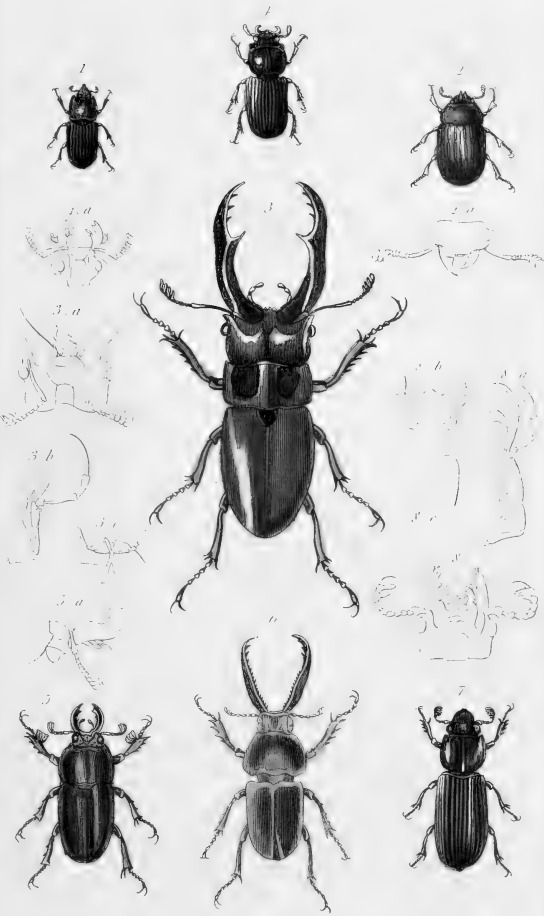
1. *Cremastocheilus hirtus*. Gory & Perch. menogr. 2. Anatomical details of the *Cremastocheilus elongatus*. Oliv. 3. *Trichinus zebra*. Oliv. 4. Anatomical details of the *Trichinus fuscicatus* E. 5. *Golithamicans*. G. & P. Oliv. 6. *Platygenia zairica*. Mack-Leay. 7. *Cetonia Basii*. G. & P. 8. Anatomical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

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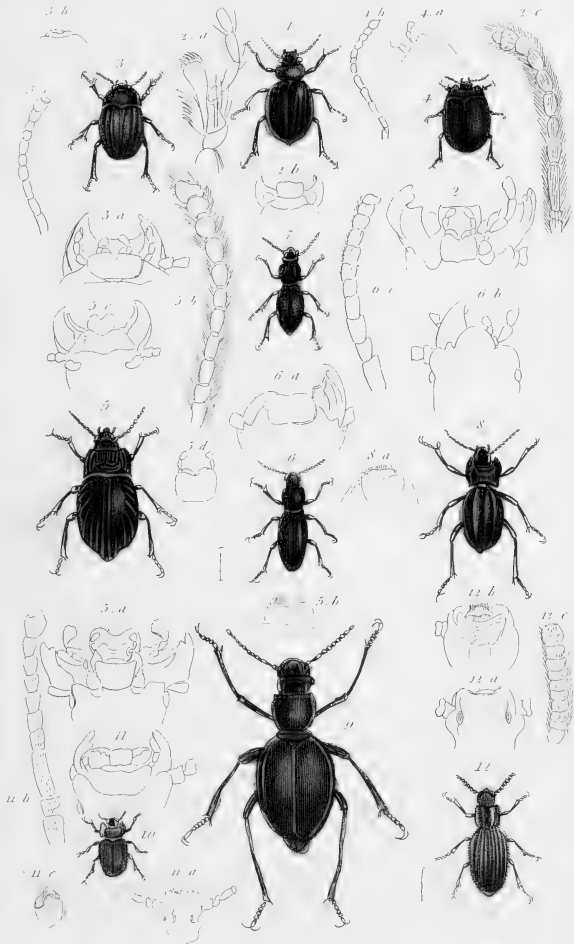
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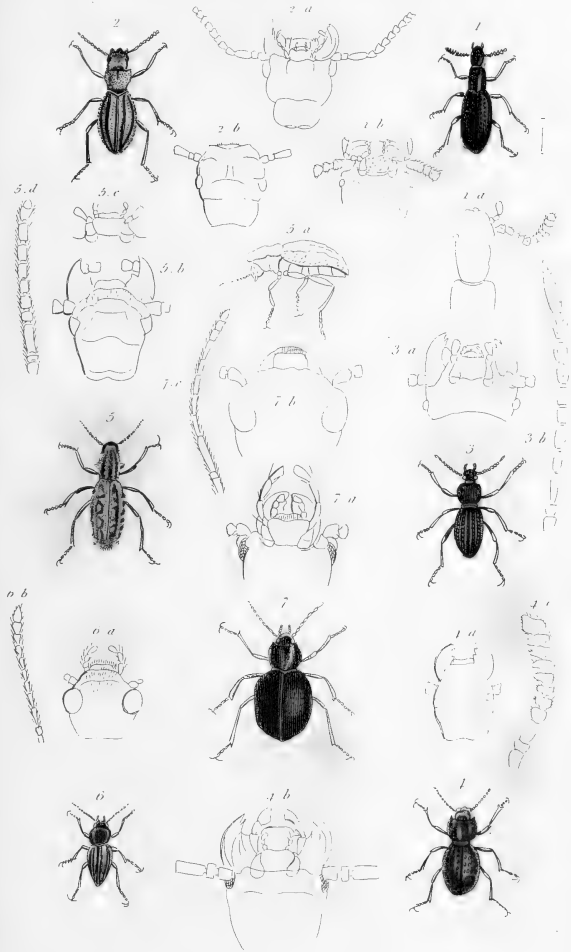
1. *Sinodendron cylindricum* L. Fab. 2. *Osalus scaraboides* Fab. 3. *Lucanus cinnamomeus* Guér.
 4. *Platycerus auriculatus* Gory. 5. *Lamprima wena* Latr. 6. *Pholidotus Humboldtii* Sch. 7. *Passalus pentaphyllus* Palis-Baue. 8. Anatomical details of the *Passalus interruptus*, Fab.





1. *Pimelia vestita*, Gory. 2. Anatomical details of the *Pimelia sericea*. 3. *Erodium gibbus*, Fabr. 4. *Zophosis testudinarius*, Oliv. 5. *Nyctelia Luczoi*, Chev. 5. a. d. Anatomical details of the *Nyctelia brunipes*, Latr. 6. *Hegeter tagenioides*, Gory. 7. *Tentyria punctipennis*, Lefchere. 8. *Akis* Goryi Gorr. 9. *Elenophorus americanus*, Lacord. 10. *Eurychora rugosula*, Guér. 11. Anatomical details of the *Eurychora ciliata*. 12. *Adelostoma rugosa*, Gory





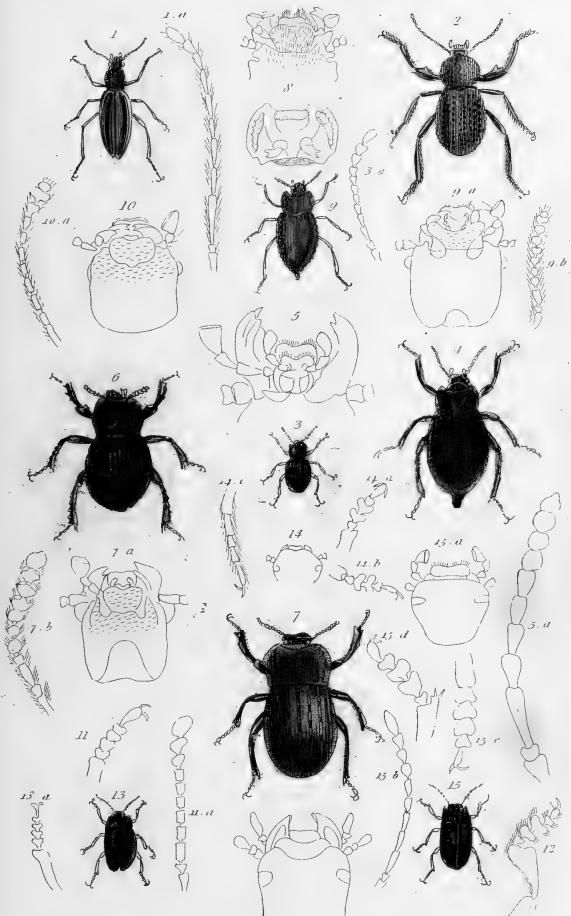
1. *Taenia orientalis*, Gory. 2. *Psammotenus costatus*, Guér. 3. *Scaphisoma rugosus*, Latr. 4. *Scotobius gramineus*, Lacord. 5. *Sepidium vestitum*, Gory. 6. *Trachynotus vittatus*, Latr. 7. *Molaris luteipes*, Guér.

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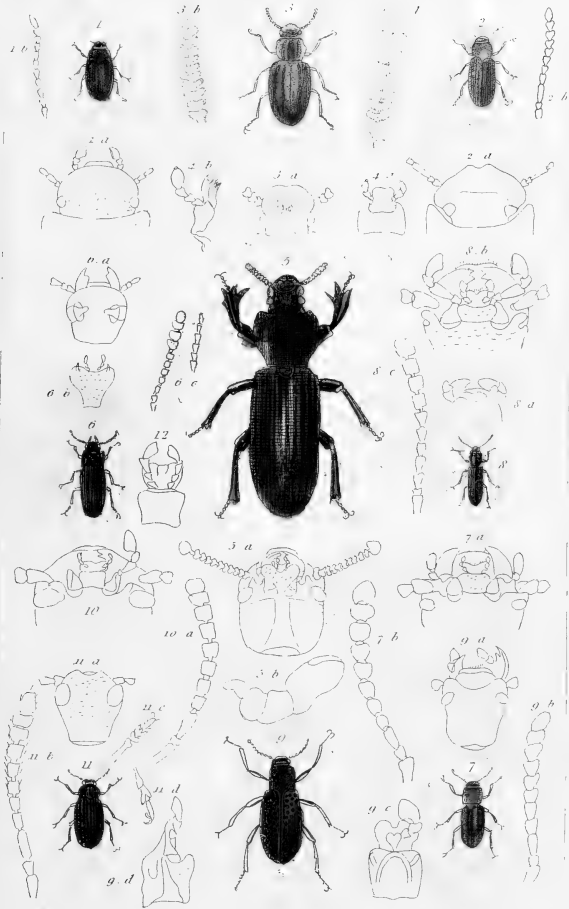
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1. *Oxira setosa*. Kirby. 2. *Acanthomeria gracilla*. Guér. Herbst. 3. *Misolocopus Hoffmannsegni*. Guér. 4. *Blaps nertisuga*. Fab. 5. Mouth & Antenna of the *Blaps sulcata*. Fab. 6. *Gomopus tibialis*. Latr. 7. *Anomalipes dentipes*. Lat. Fab. 8. Gorselet of the *Machla villosa*. Herbst. 9. *Scotinus brasiliensis*. Gory. 10. Mouth & Antenna of the *Asyda levigata*. Fab. 11. Tarsus & Antenna of the *Opatrinus chla tratus*. Dej. 12. Tarsus of the *Heliophilus hispanicus*. Dej. 13. *Pedinus gibbosus*. Gory. 14. Anatomical details of the *Blapstinus punctatus*. Sch. 15. *Platyscelis gages*. Fisch.





1. *Crypticus gibbulus*, Sch. 2. *Opatrum elongatum*, Guér. 3. *Corticus celtis*, Germ. 4. Anatomical details of the *Orthocerus muticus*, Lat. 5. *Chlorocelis bifoveolata*, Lam. 6. *Toxicum curvicolle*, Chev. 7. *Boros thoracicus*, Gyl. 8. *Calceus elongatus*, Hbst. 9. *Epris cerambycoides*, Eub. 10. Anatomical details of the *Tenebrio molitor*, Lin. 11. *Heterotarsus tenebrionides*, Guér. 12. *Tenebrio obscurus*, Eub.



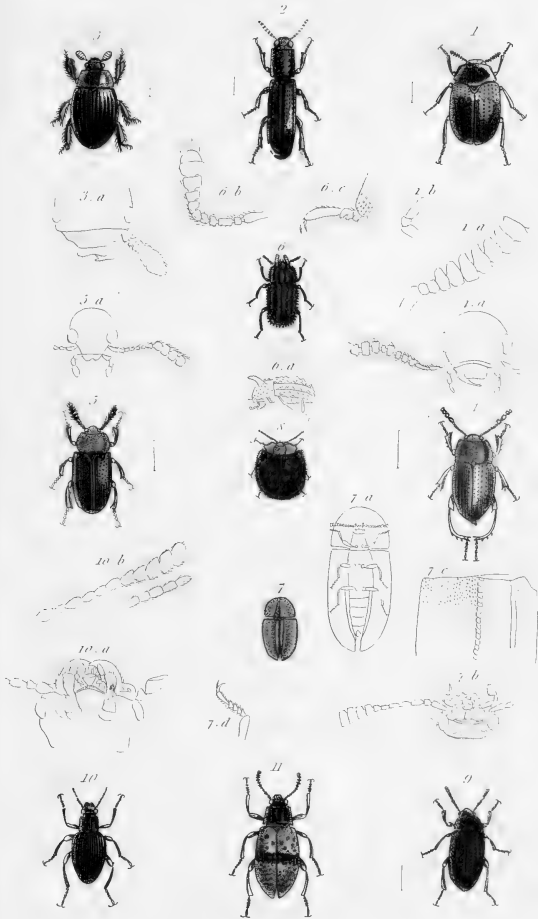
Ground beetle



Scarab beetle

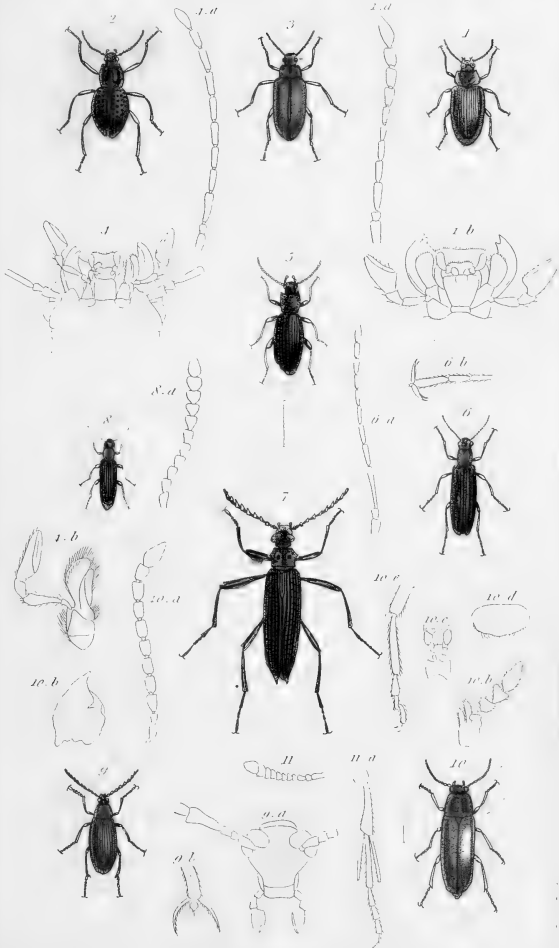


Scarab beetle



1. *Diaperis hypustulata*, Brul. Lap. 2. *Hyppophloeus castaneus*, Fab. 3. *Trachysecolis aphidivoides* Latr. 4. *Leiodes cinnamomea*, Emz. 5. *Tetratoma jungermani*, Fab. 6. *Eledona cornuta*, Fab. 7. *Cossyphus moniliferus*, Chev. 8. *Nilio lanatus*, Germ. 9. *Epitragus lineatus*, Chev. 10. *Cnoolalon atrum*, Chev. 11. *Spheniscus pictus*, Chev.





1. *Amarygmus cuprinus* Esch. 2. *Sphaerotus curvipes* Kirby. 3. *Helops saturatus* Germ. 4. *Anatomical details of the Helops tanipes*, F. 5. *Loxna pimelia*, F. 6. *Stenotracheus avens* Latr. 7. *Strongylium serraticorne*, Chev. 8. *Pitho depressus*, E. 9. *Cistela serrata*, Chev. 10. *Halloinennus laevigalis*, Latr. 11. *Anatomical details of the Orchesia micans*, Latr.

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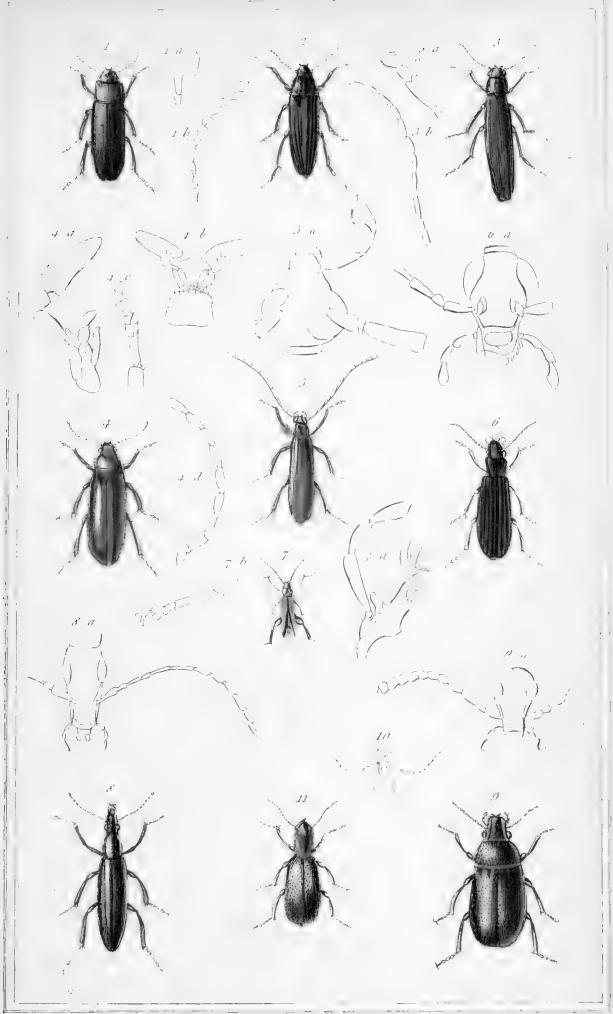
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1. *Dicaea discolor*, Fab. 2. *Melandrya rufipes*, Chev. 3. *Serropalpus striatus*, Latr. 4. *Conopalpus flavicollis*, Gyt. 5. *Calopus serraticornis*, F. 6. *Dytillus lavis*, Fisch. 7. *Edemera podagrariae*, Fab. 8. *Stenostoma rostratum*, Charp.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

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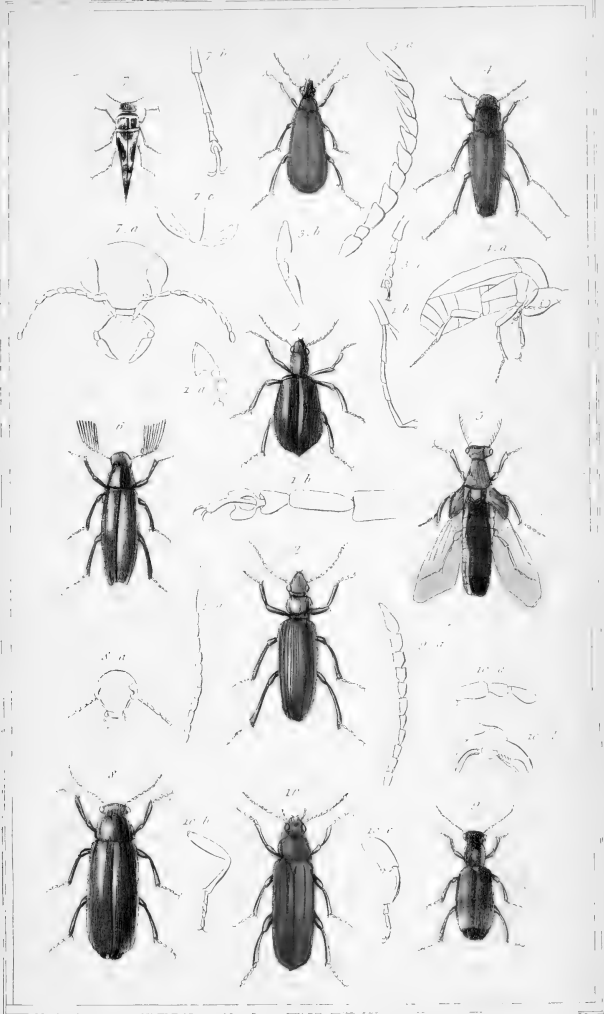
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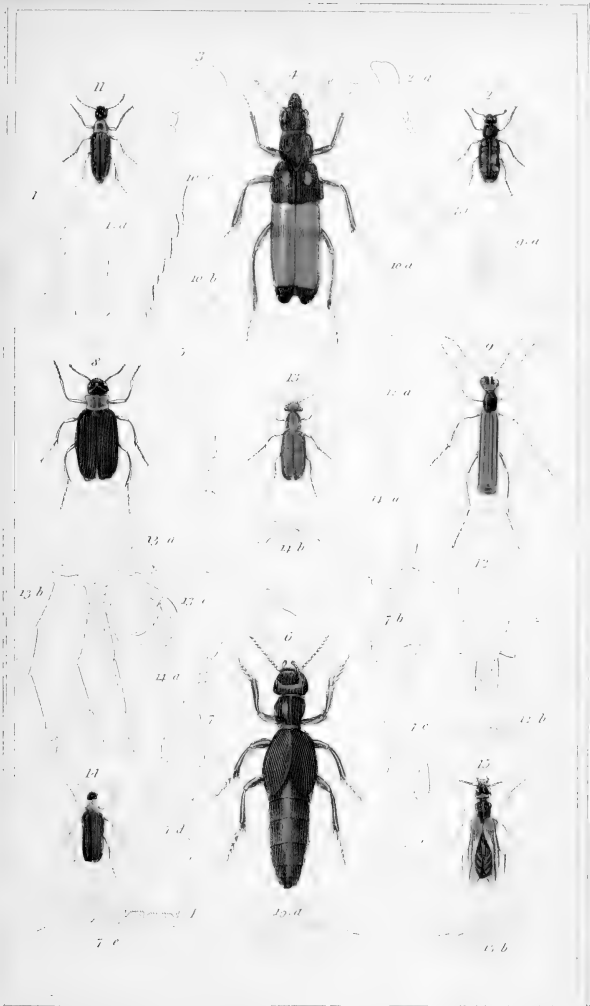
1953



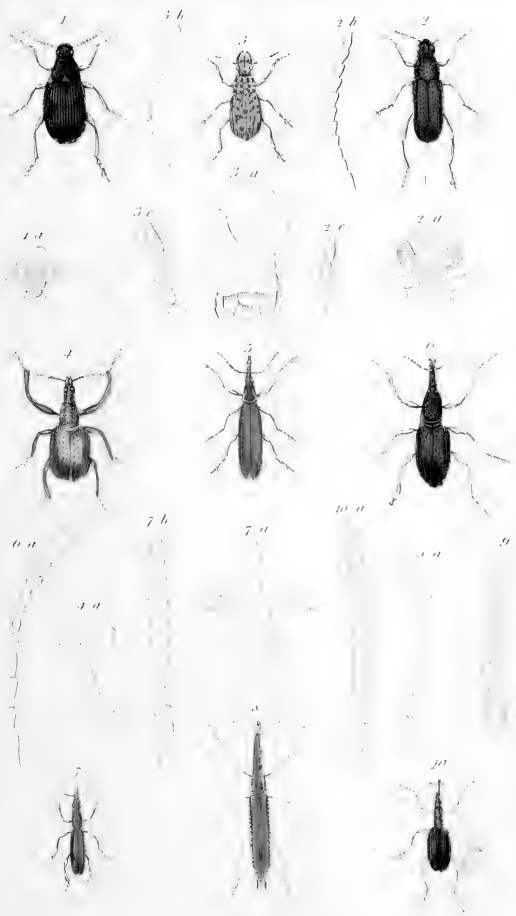
1. *Lagria gigas*, Guer. 2. *Statira caraboides*, Guer. 3. *Pyrocliron coccinea*, Eub. 4. *Ripiphorus rufipennis*, Chev. 5. *Meodites americanus*, Guer. 6. *Pelocotoma Frivaldfskii*, Sturuz.

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

10. *Cissites testaceus*, Latr.

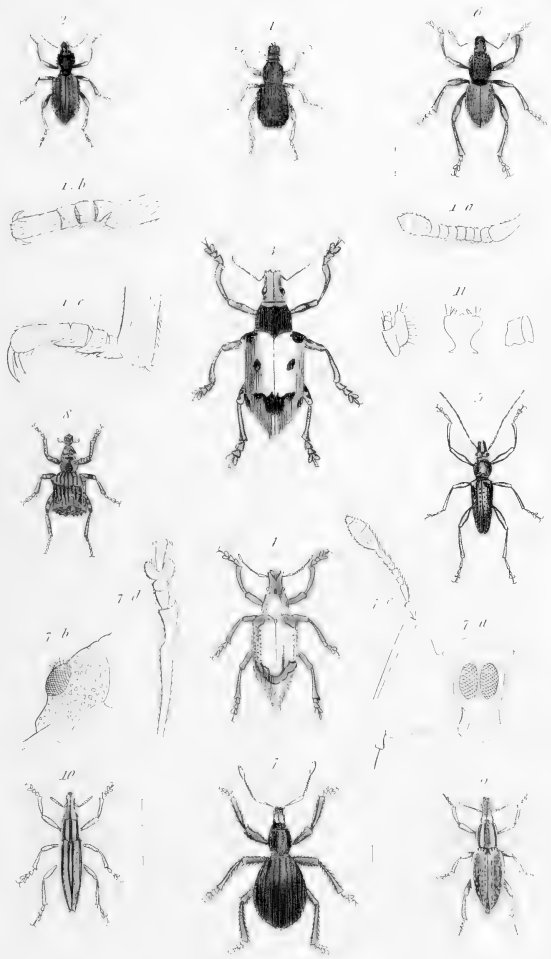


1. Antenna of the *Ceroconia Schofferi*, Lin. 2. *Hycleus 10 guttatus*, Chev. 3. Antenna of the *Arctania 12 punctata*, Chev. 4. *Melabris myops*, Chev. 5. Antenna of the *Ceas affr.* F. 6. *Meloe cordillera*, Chev. 7. Anatomical details of the *Meloe brevicollis*, Panz. 8. *Tetraonyx ventralis*, Chev. 9. *Gantharis subeifrons*, Chev. 10. Anatomical details of the *Gantharis vesicatoria*. 11. *Zonitis puncticollis*, Chev. 12. Anatomical details of the *Nemognatha chrysomelina*, F. 13. *Leptopalpus Chevrolatii*, Guér. 14. *Gnathium flavicollis*, Chev. 15. *Sitaris humeralis*, Fab.

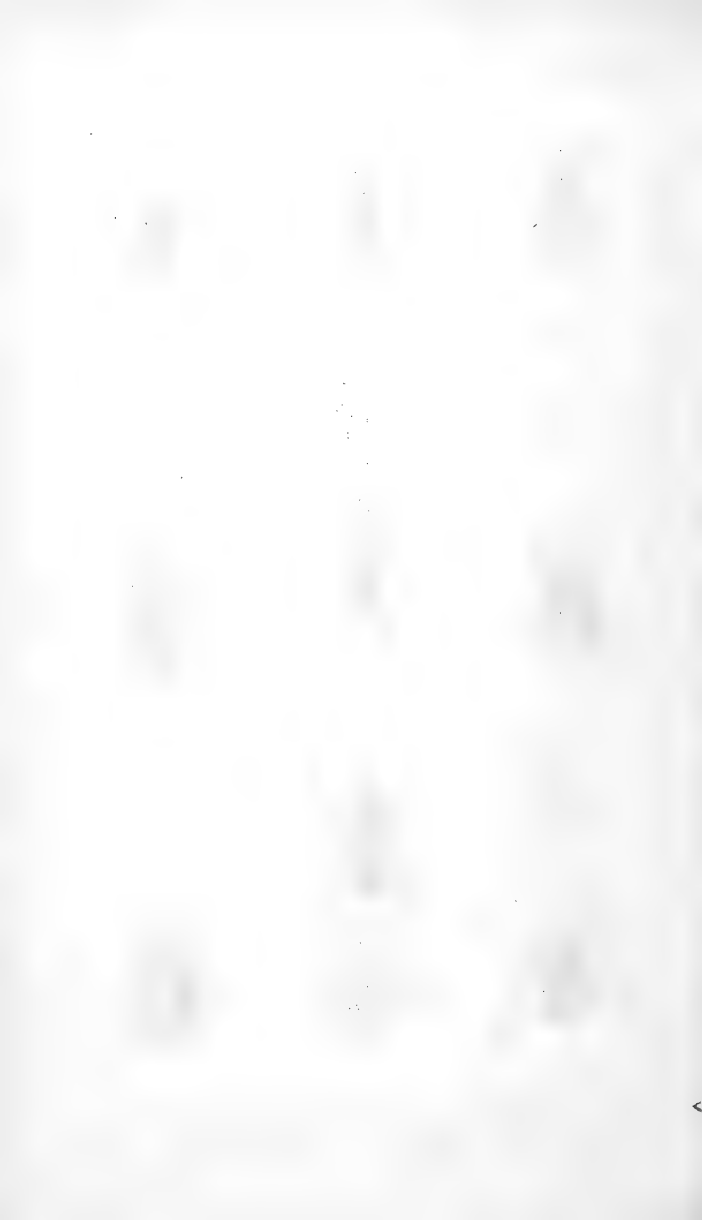


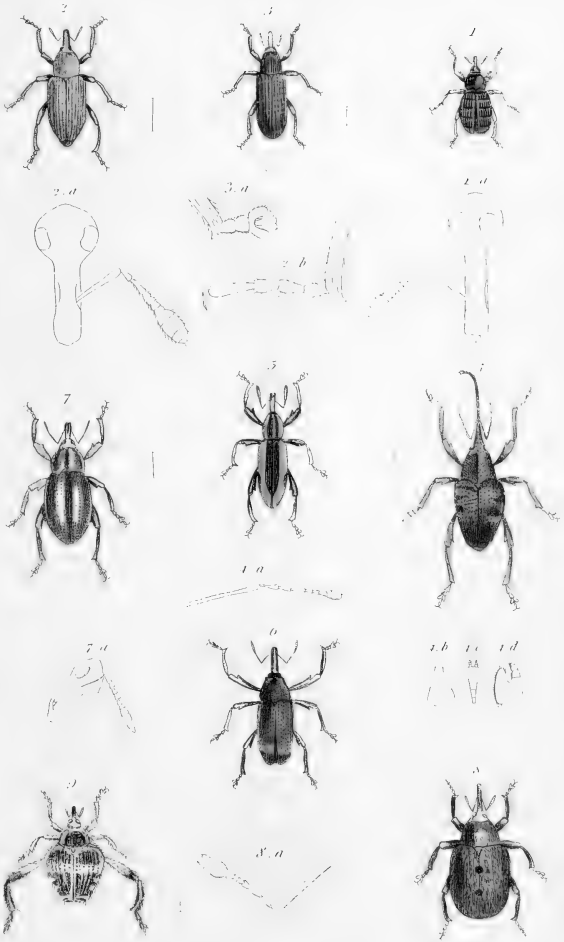
1. *Bruchus marginellus*. Fabr. 2. *Bruchus Gebleri*. Fisch. 3. *Anthrabus Carnotii Guerin*.
 4. *Atelabus fulvatus*. Guer. 5. *Elmnotia haemoptera*. Kirby. 6. *Enrhinus conicus*. Guer.
 7. *Brentus italicus*. Lat. 8. *Coecephalus furcillatus*. Sch. 9. *Antenna of the Ulcerus cinereus*. Lat
 10. *Cylas longicollis*. Chev.



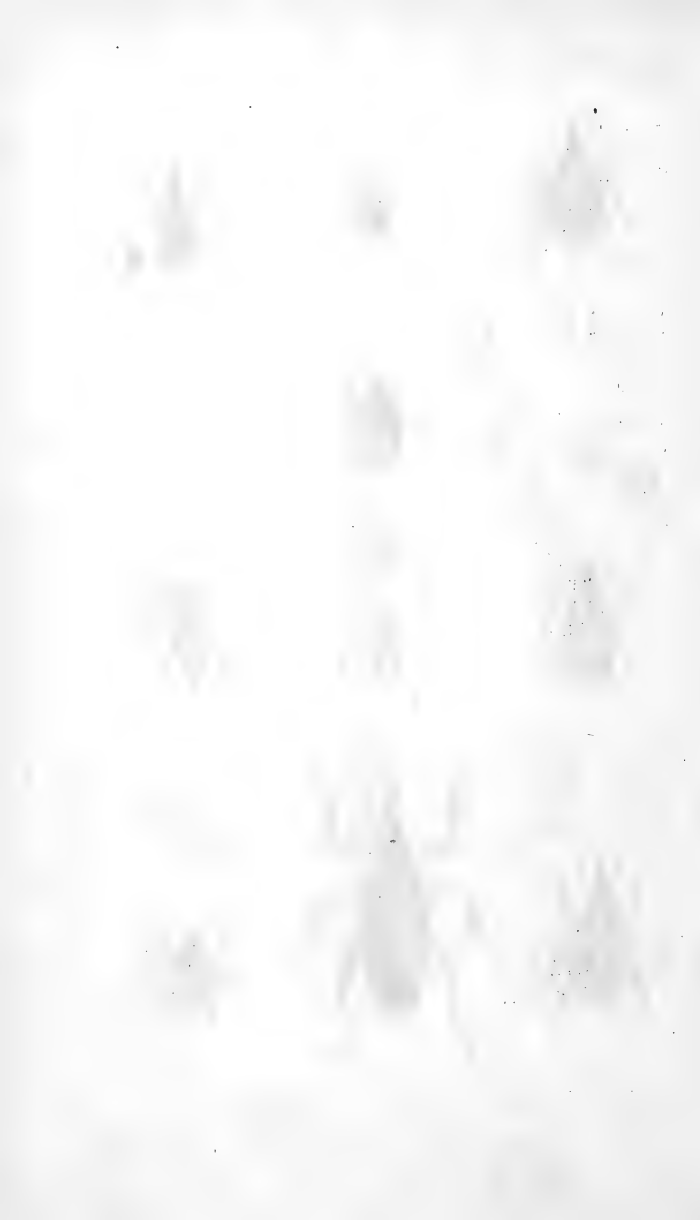


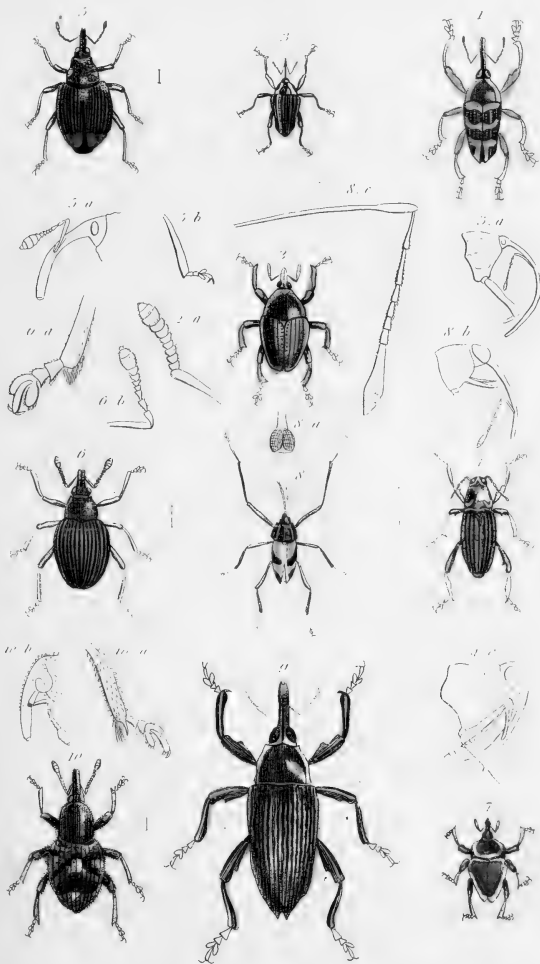
1. *Brachycerus oculatus*, Chev. 2. *Cycloncus coronatus*, Sch. 3. *Cyphus illustris*, Chev.
 4. *Cyphus dives* ? Illg. 5. *Leptocerus macilentus*, Chev. 6. *Pachyznachus profanus*, Esch.
 7. *Szygops cyclops*, Sch. 8. *Rhytirhinus informis*, Chev. 9. *Cleonus guttatus*, Chev.
 10. *Lixus vittiger*, Godef. 11. Mouth of the *Chlorophanus viridis*, Sch.





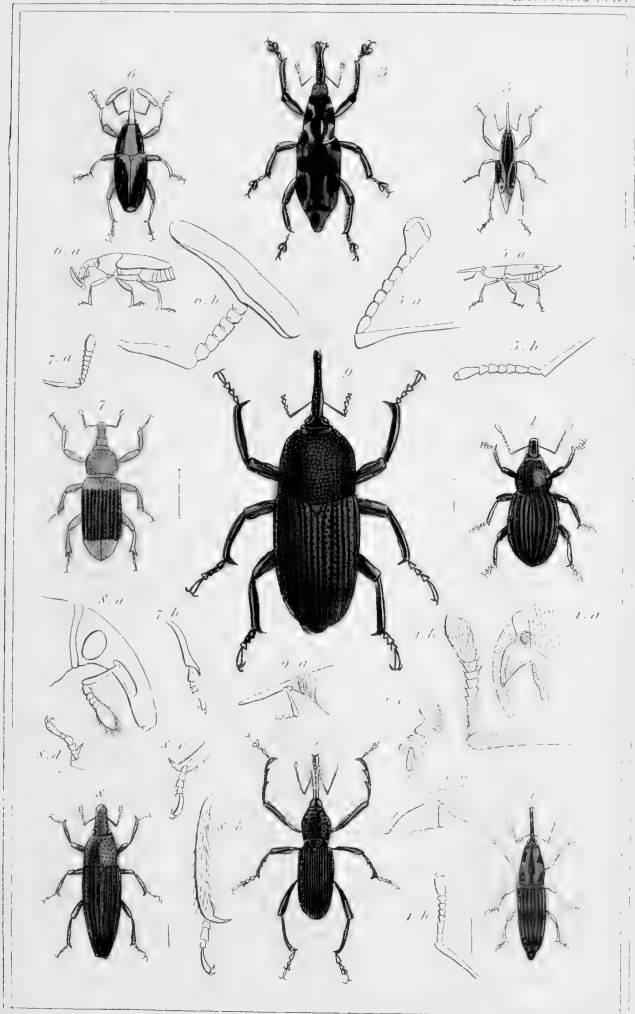
1. *Limosina chevrolatii*. Guér. 2. *Bagous binodosus*. Gyll. 3. *Brachonyx indigena*. Gyll.
 4. *Balaninus mucini*. Lin. 5. *Heilipus pepus*. Sch. 6. *Alcides preustus*. Guér. 7. *Myrorhinus
 albolineatus*. 8. *Gonis pulverosus*. Parcy. 9. *Tachygonus horridus*. Chev.





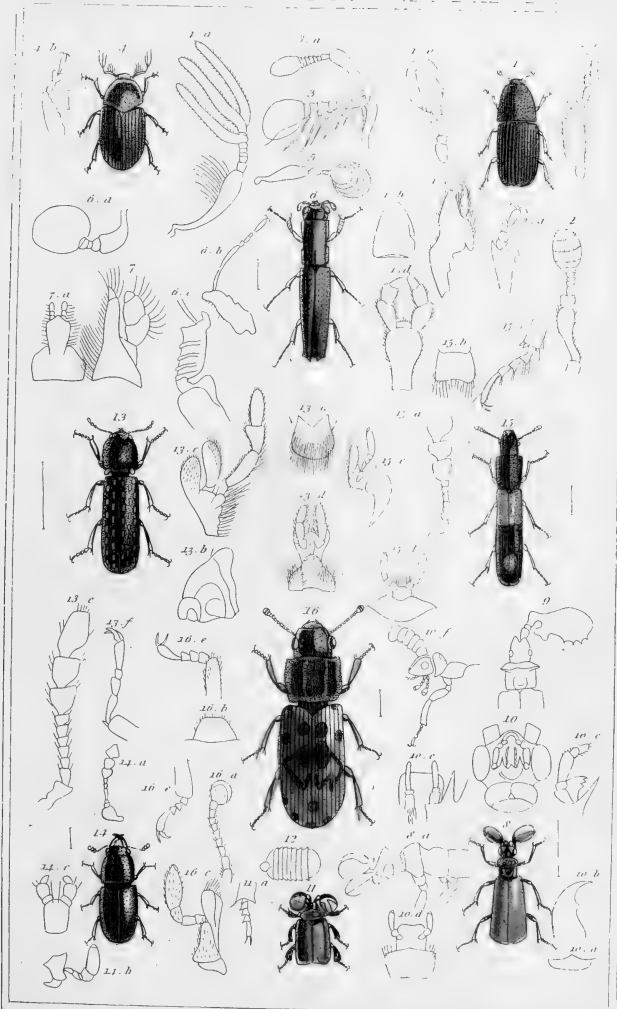
1. *Cholus flavo-fasciatus*, Chev. 2. *Camptorhynchus flathurinus*, Germ. 3. *Centrinus curvirostris*, Chev. 4. *Zygobis rubricollis*, Chev. 5. *Centorhynchus sii*, Chev. 6. *Hydativus comarii*, Sch. 7. *Diorymerus altus*, Germ. 8. *Mecopus trilineatus*, Guér. 9. *Gorgus bispinosus*, Chev. 10. *Tyloides ptiinoides*, Gyl.





1. *Anchonus suillus*, Fab. 2. *Rhinus barbirostris*, Fab. 3. *Calandra Guérini*, Chev. 4. *Calandra laticornis*, Guér. 5. *Belorhynchus acutus*, Guér. 6. *Cercidocerus nigrolateralis*, Guér. 7. *Cossonus rhippiger*, Guér. 8. *Dryophilatorus lyncivilon*, Fab. 9. *Trigonotarsus calandroides*, Guér.





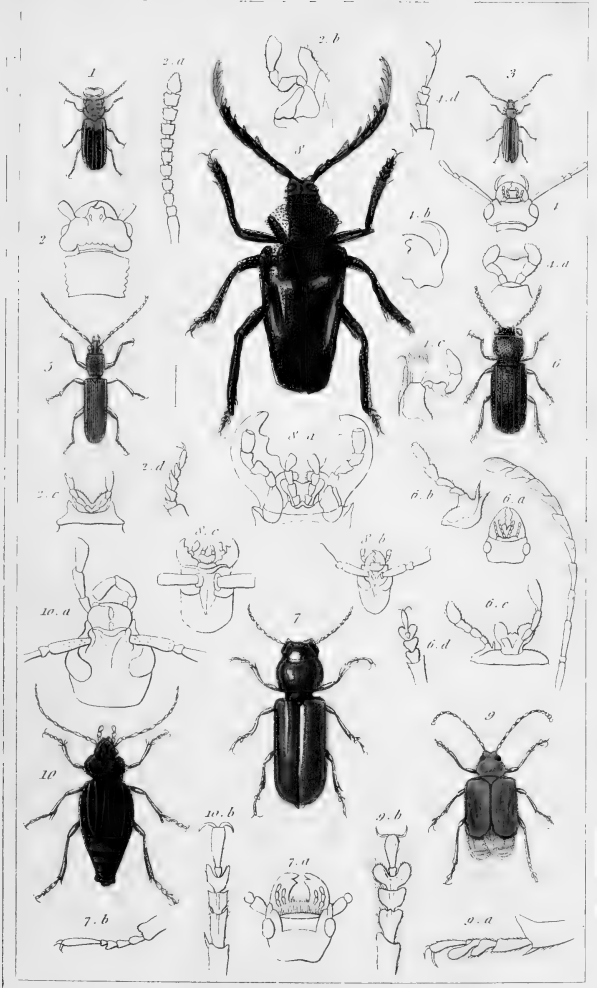
1. *Scolytus flavicornis*. Chev. 2. Antenna of the *Hylurgus pumpeida*. 3. Antenna of the *Campitocerus arcipennis*. (L.) 4. *Phloeotribus clea*. Lat. 5. Antenna of the *Tomicus bispinus* Mo. 6. *Platypus Peyer Guer.* 7. Mouth of the *Platypus cylindrus*. Fab. 8. *Pansus curvicornis* Chev. 9. *Pansus microcephalus* 10. Anatomical details of the *Pansus microcephalus* & *Pansus pentaplatarthrus*. L. *Platyrhopalus* 11. *Platyrhopalus* 12. Antenna of the *Coripterus latipes*. West. 13. *Bostrichus Dufourii*. Lat. 14. *Cis inaequidens*. Chev. 15. *Nemosoma elongatum*. L. 16. *Synchita undata*. Guer. Paris



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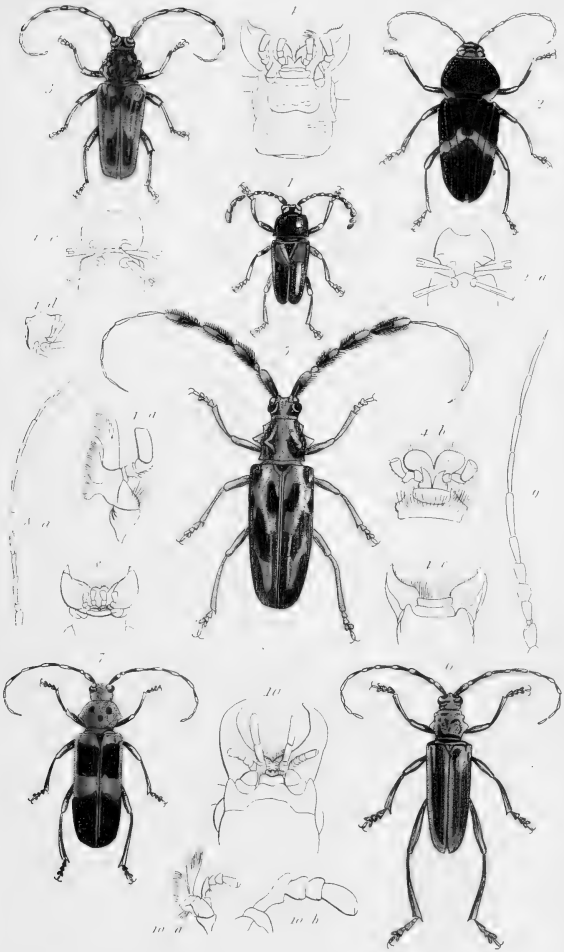


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1. *Cucujus mandibularis*, Gory. 2. Anatomical details of the *Cucujus depressus*, Fab. 3. *Brontes spinicollis*, Gory. 4. Anatomical details of the *Brontes flavipes*, Fab. 5. *Dendrophagus crenatus*, Payk. 6. *Spondylus huprestoides*, Fab. 7. *Parandra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

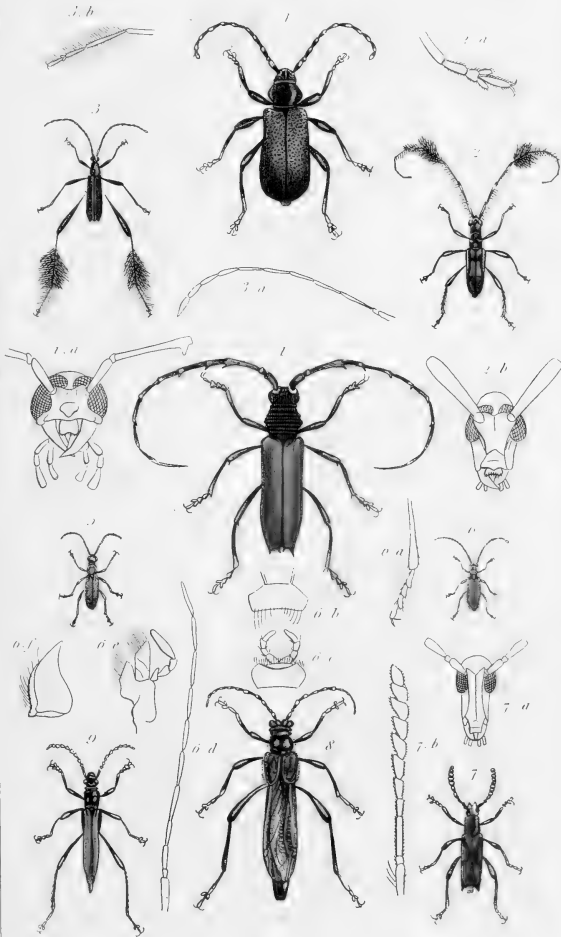




1. *Lissonotus unifasciatus*, Gory. 2. *Megaderus stigma*, Fab. 3. *Tachyderes nigrofasciatus*, Gory. 4. Anatomical details of the *Trachyderes succinctus*, Fab. 5. *Lophanocerus barbicornis*, Oliv. 6. *Callichroma speciosa*, Gory. 7. *Acanthopterus tripunctatus*, Gory. 8. Anatomical details of the *Acanthopterus hudsonis*, Gory. 9. Antenna of the *Cerambyx heros*, Fab. 10. Anatomical details of the *Cerambyx (callichroma) hemipterus*, Oliv.

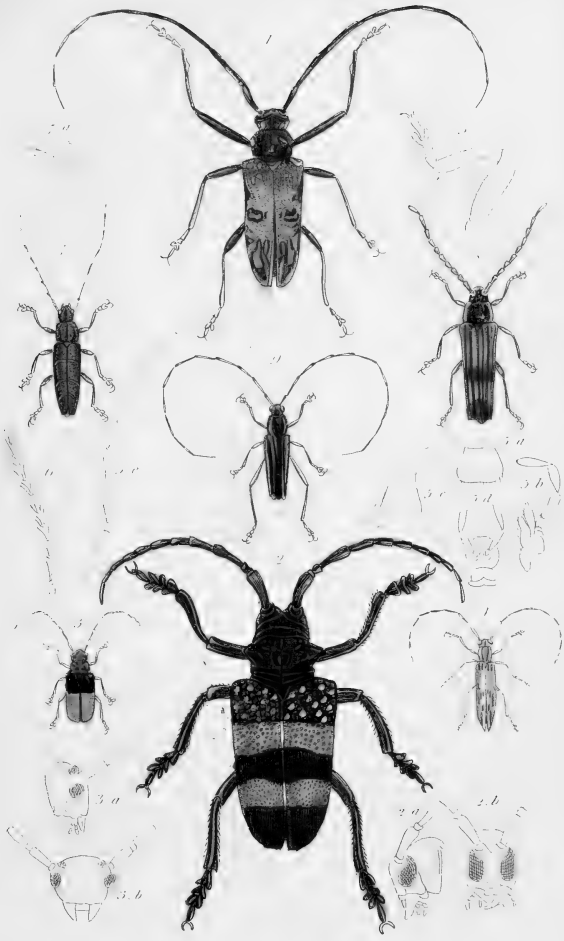
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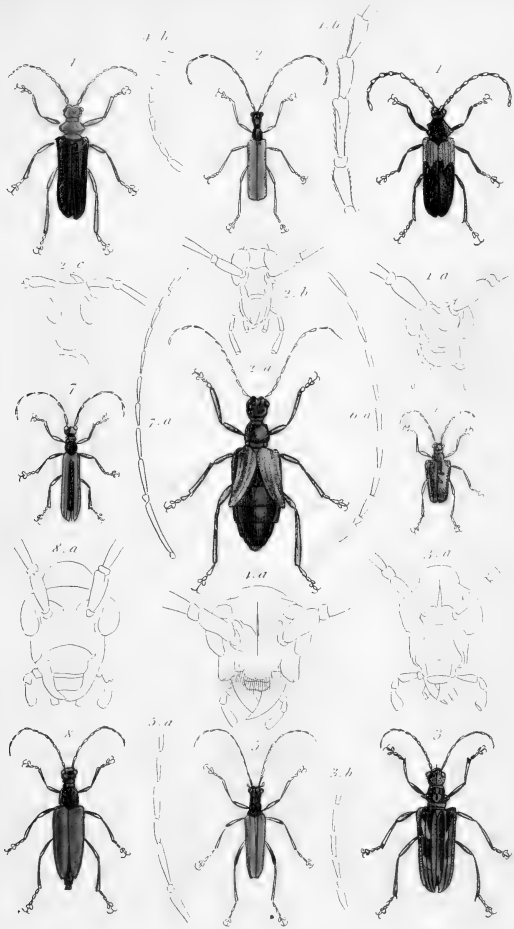
1. *Cerambyx rufipennis*. Gory. 2. *Cerambyx speculifer*. Gory. 3. *Cerambyx hirtipes*. Oliv. 4. *Cal-
 Riliini insubrecum*. Ziegler. 5. *Certillium ruficollis*. Eab. 6. *Olinium ferrugineum*. Eab. 7. *Rhinotrachus
 coccineus*. Gory. 8. *Necydalis major*. Lin. 9. *Stenopterus elegans*. Klug.





1. *Acrocinus trochlearis*, Gory. 2. *Lamia aurocincta*, Gory. 3. *Tetraopes dimidiata*, Gory. 4. *Saperda albicans*, Gurr. 5. Anatomical details of the *Saperda atkinsoni*, Curtis. 6. Antennae of the *Distichocera maculicollis* Kirby. 7. *Thysanotus bisannulatus* Guér. 8. *Teagocerus bidentatus*, Donov. 9. *Leptocera bilineata*, Gory.





1. *Desmocerus cyaneus*. Fab. 2. *Vesperus griseus*. Guér. 3. *Rhagium bifasciatum*. Fab. 4. *Rhamnusium salicis*. Eab. 5. *Toxotus meridionalis*. Eab. 6. *Pachyta Laportii*. Guér. 7. *Stenoderus ceramboides*. Lühly. 8. *Leptura annulata*. Gory.

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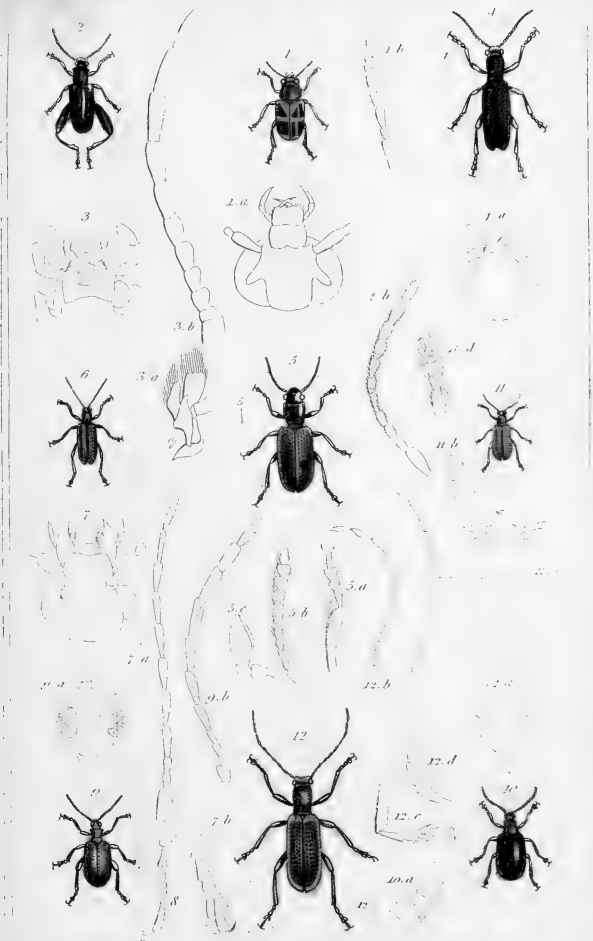
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1. *Megalopus unifasciatus* Gory. 2. *Sagra cyanea* Dalm. 3. Anatomical details of the *Sagra splendens* F. L. Orsodacna violacea Chev. 5. *Psammocelus bipunctatus* F. Bonnier. 6. *Donacia fumica* Gyll. 7. Anatomical details of the *Donacia sagittaria* Ehb. 8. Hindler Tarsus of the *Harmonia zosteræ* Gyll. 9. *Petamristes crassipes* Oliv. 10. *Crioceris thorycis* Guér. 11. *Anchenia beetle* Ehb. 12. *Megascelis prasinus* Gyll.



PLATE I

BEETLES

1. Scarabaeus sacer

2. Scarabaeus sacer

3. Scarabaeus sacer

4. Scarabaeus sacer

5. Scarabaeus sacer

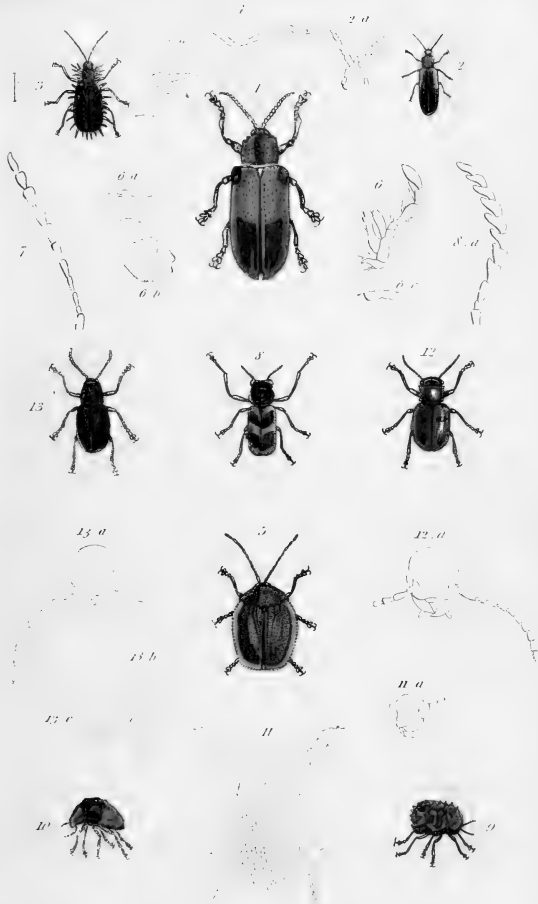
6. Scarabaeus sacer

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9. Scarabaeus sacer

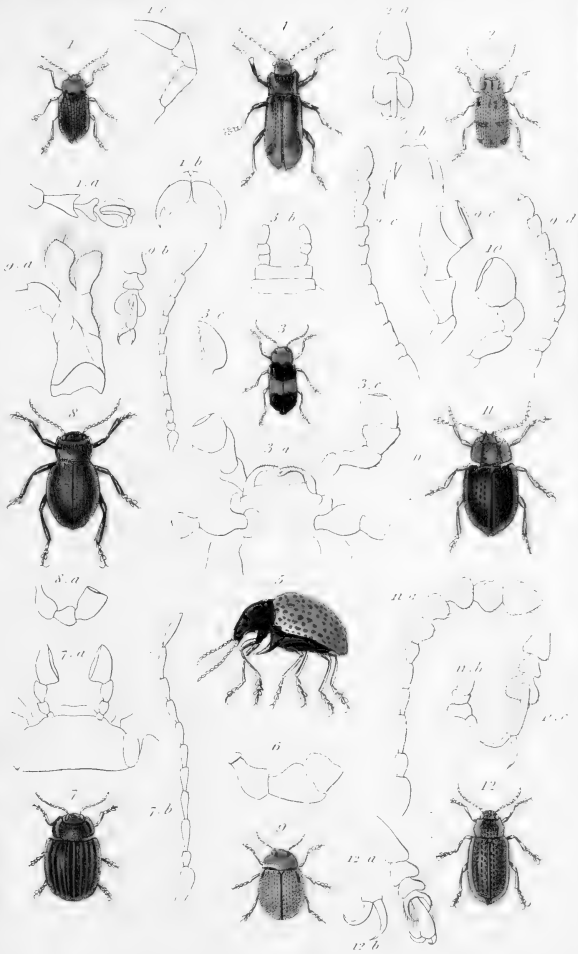
10. Scarabaeus sacer



1. *Melanus orallinus* Vesp. 2. *Oxycephala cornigera* Guér. 3. *Hispa Fabricii* Guér. 4. Anatomy of the foot of the *Chalepus spinipes* Fab. 5. *Cassida (Cyclonema chevri) longicornis* Tab. 6. Anatomical details of the *Cassida discors* Fabr. 7. Antenna of the *Cryptoccephalus speciosus* Guér. Voy. Duperrey. 8. *Clythra Percheron*, Guér. 9. *Chlamys cyanea* Illig. 10. *Lamprosomus curvica* Guér. 11. *Chroagrus sheppardi* Kirby. *Anthr pygmaeus* Robert. Mag. Zool. N. J. L. 1867. 12. *Euryope maculata* Oliv. 13. *Eumolpus cyaneus* Fab.

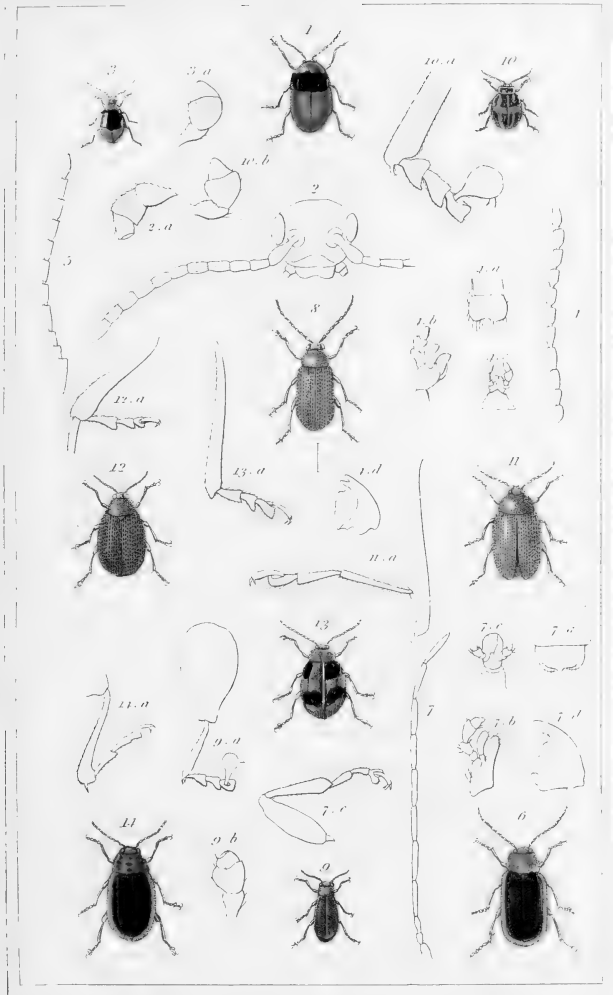


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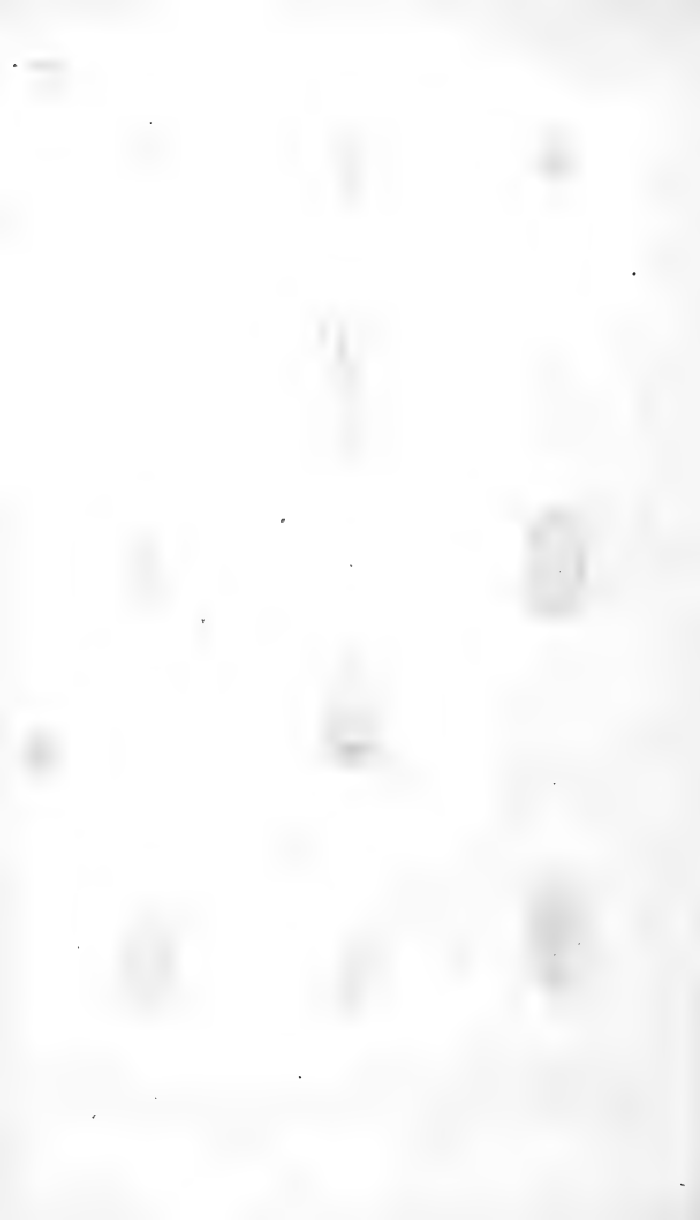


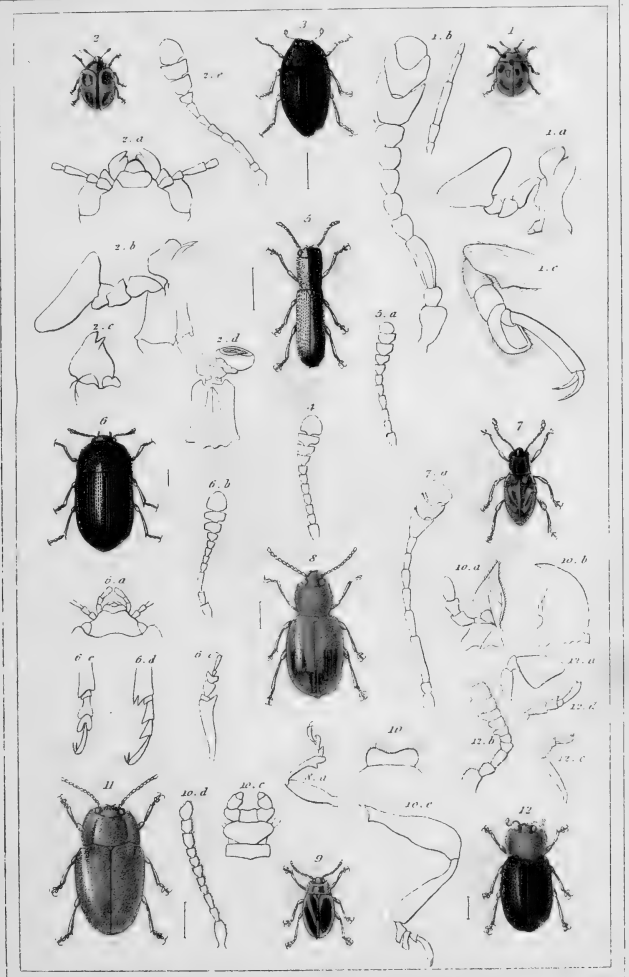
1. *Colaspis illustris*. Chev. 2. *Podontia affinis*. Germ. 3. *Phyllocharis bicincta*. Guér. 4. *Phyllocharis splendens*. Guér. 5. *Doryphora multipunctata*. Chev. 6. *Palpa* of the *Doryphora adunca* Chev. 7. *Paropsis s lineata*. Gory. 8. *Timarcha balearica* Gory. 9. *Chrysomela humeralis*. Gory. 10. *Palpa* of the *Chrysomela sanguinolenta* L. 11. *Phaedon cyanopterus*. Guér 12. *Prasocuris hanoveriana*. Fabr.





1. *Adorinum basale*, Guér. 2. Anatomical details of the *Adorinum bipunctatum*, Chev. 3. *Galeruca dimidiata*, Guér. 4. Anatomical details of the *Galeruca viburni* Payk. 5. Antenna of the *Galeruca maculata* L. 6. *Lupinus cinetellus*, Chev. 7. Anatomical details of the *Lupinus brassicae*, Emz. 8. *Octogonotes lineatus*, Chev. 9. *Octogonotes thoracicus*, Bosc. 10. *Edionychis figuratus*, Chev. 11. *Psylloides Anglica*, Chev. 12. *Dibolia borealis*, Chev. 13. *Altica chevroletii*, Guér. 11. *Lougitaranus dorsalis*, Esb.

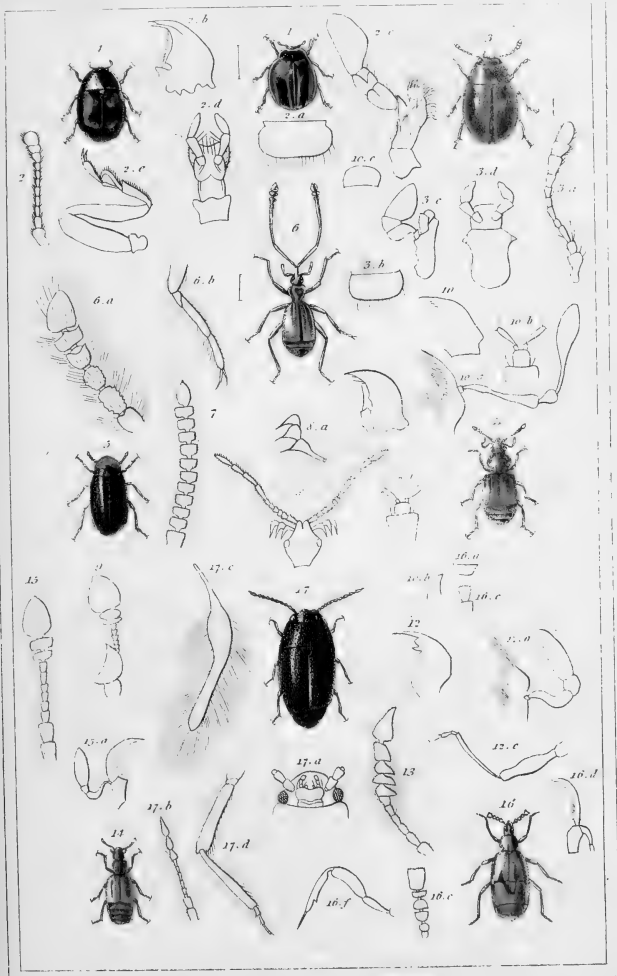




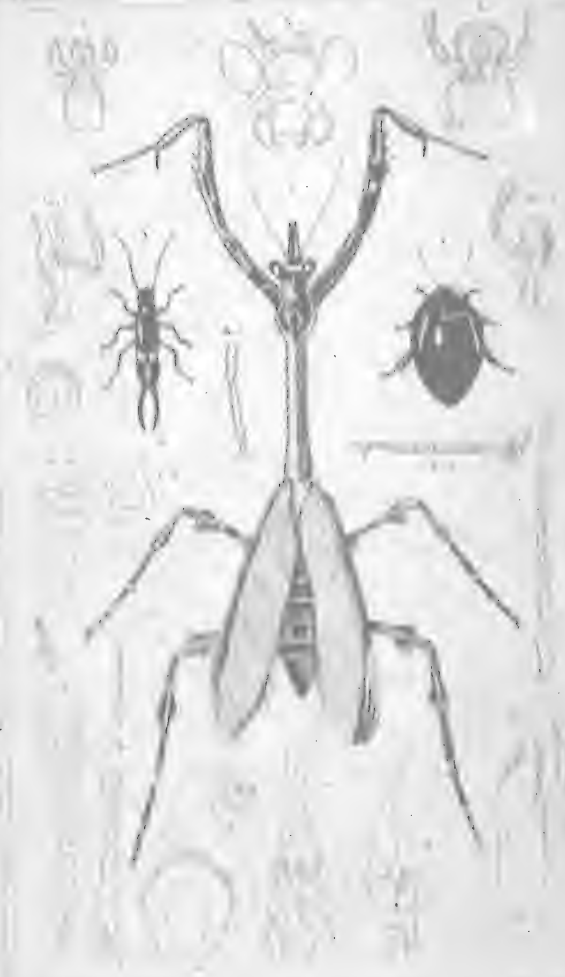
1. *Erotulus bengalensis*. Guér. 2. *Argythus surinamensis*. Fabr. 3. *Triplex brunripes*. Chev. 4. Antenna of the *Triplex nigripennis*. Fabr. 5. *Languria africana*. Chev. 6. *Phalachus granulatus*. Guér. 7. *Eumorphus hamatus*. Guér. 8. *Dapsa trunculata*. Megerle. 9. *Endomychus tibialis*. Chev. 10. Anatomical details of the *Lycoperdina bivivata* Fabr. 11. *Lycoperdina lata*. Chev. 12. *Lithophilus ruficollis*. Dahl

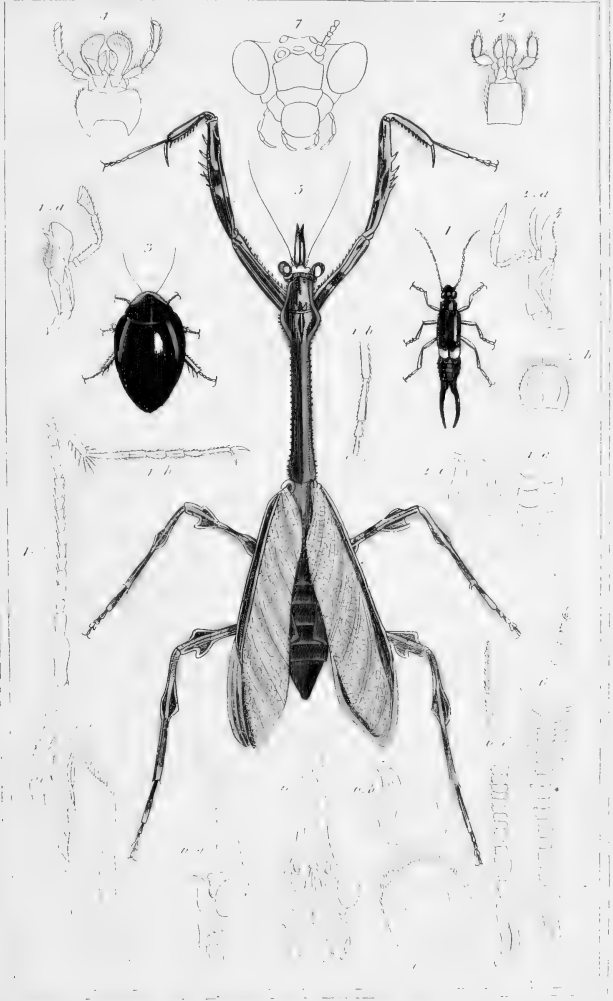


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1. *Coccinella fuscifera*. Fabr. 2. Anatomical details of the *Coccinella vrellata*. Lin. 3. *Cacidula litura*. Fab. 4. *Seymusus 4-notatus*. Illig. 5. *Clypeaster pusillus*. Göl. 6. *Metopius curculionoides*. Gory. 7. *Chennium*. 8. *Dianis*. 9. *Pythius*. 10. *Pselophus heisei*. Herbst. 11. *Bryaxis Lefebvrii*. Aubé. 12. *Bryaxis longicornis*. Leach. 13. *Bryaxis antennata*. Aubé. 14. *Euplectes Kérhii*. Demy. 15. Anatomical details of the *Euplectes natus*. Reich. 16. *Claviger foveolatus*. Mull. 17. *Ptilium fasciculare*. Herbst.



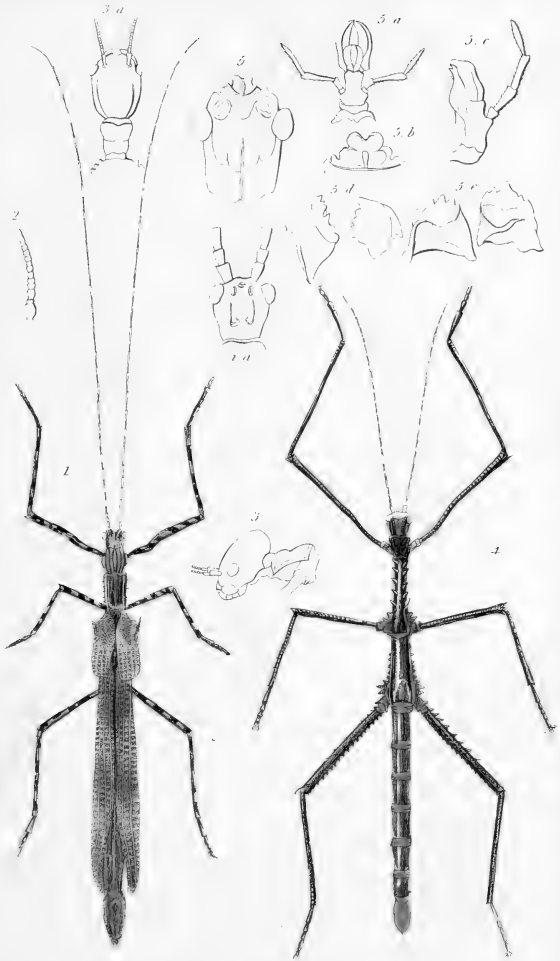


1. *Stagmomantis religiosa* (L.) 2. *Mantis religiosa* (L.) 3. *Blatta orientalis* (L.) 4. *Blatta orientalis* (L.) 5. *Blatta orientalis* (L.) 6. *Blatta orientalis* (L.) 7. *Blatta orientalis* (L.)

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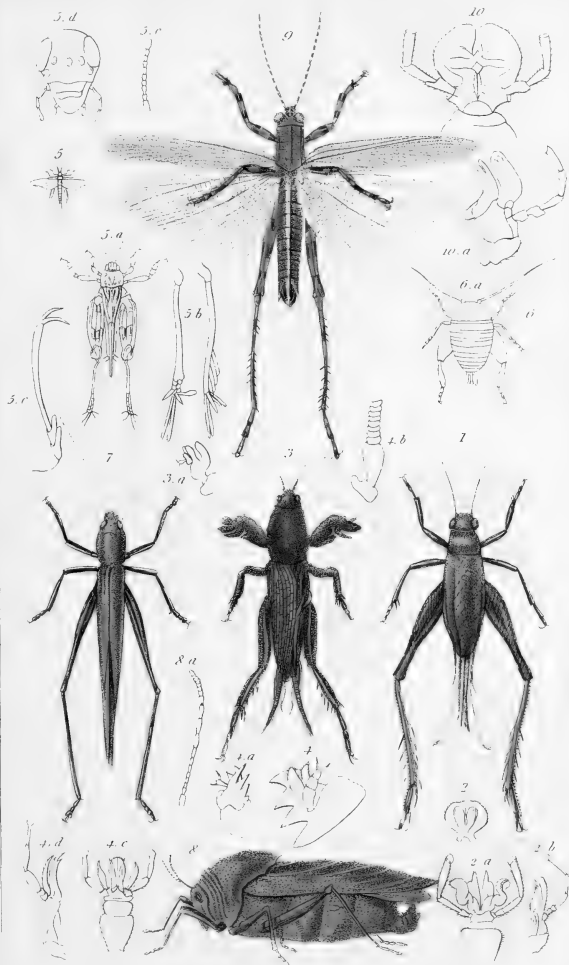
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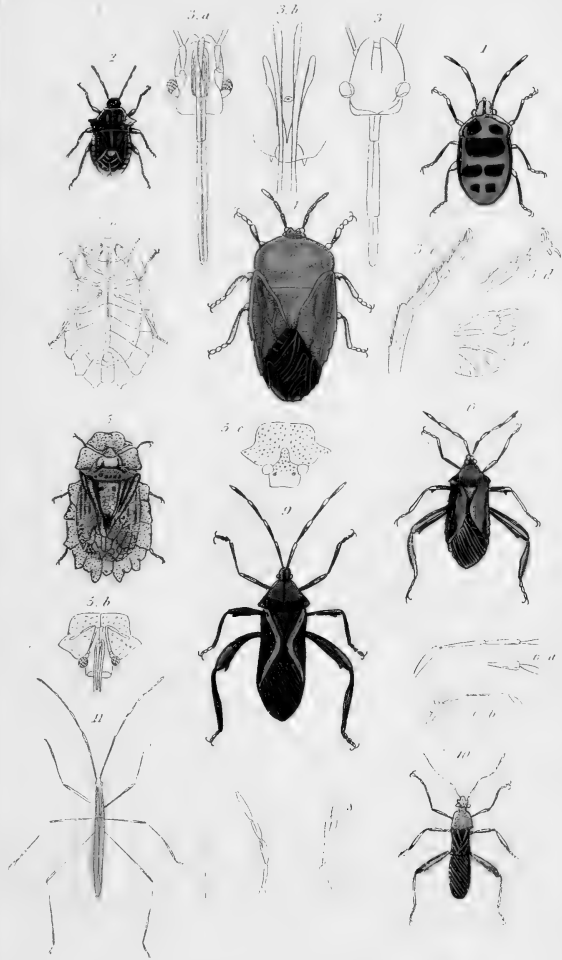
1. *Phasma annulata*, Serv. 2. Antenna of the *Bacillus*. 3. Head of the *Cyphocrana*. 4. *Bacteria scabrosa*, Perch. 5. Anatomical details of the *Cladoxerus roseipennis*, Guér.





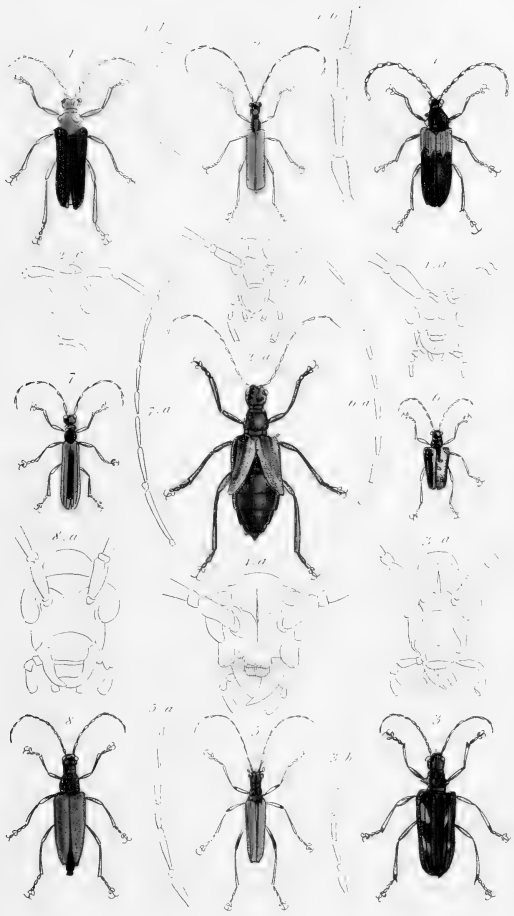
1. *Gryllus Servillei*, Guv. 2. Anatomical details of the *Gryllus campestris*, Fbh. 3. *Gryllotalpa didactylus*, Latr. 4. Anatomical details of the *Gryllotalpa vulgaris*. 5. *Trialetris fasciatus*, Perch. 6. *Myrmecophila acerorum*, Emser. 7. *Locusta erythrosoma*, Encyclopediac. 8. *Pneumora inanis*, Fbh. 9. *Acrydium tarsatum*, Serv. 10. Anatomical details of the *Acrydium nigrotorum*



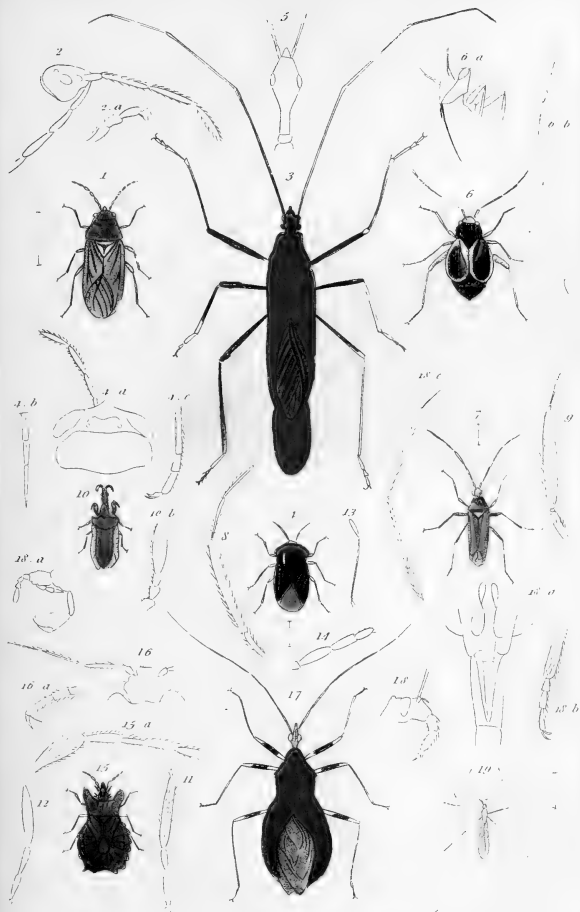


1. *Scutelleria divisa*, Guér. 2. *Pentatomia polita*, Guér. 3. Anatomical details of the *Pentatomia polita*. 4. *Tesseratomia Sommerati*, Serv. & S. King. 5. *Phylla castaneipes*, Serv. & S. King. 6. *Coreus cutosus*, Guér. 6. a. Antenna of the *Conocerus*. 6. b. Antenna of the *Synovastus*. 7. Antenna of the *Paclis*. 8. Antenna of the *Hollynumia*. 9. *Anisosechis pygmaea*, Fab. 10. *Alydus ovalis*, Geoff. 11. *Neides typalaria*, Lat.

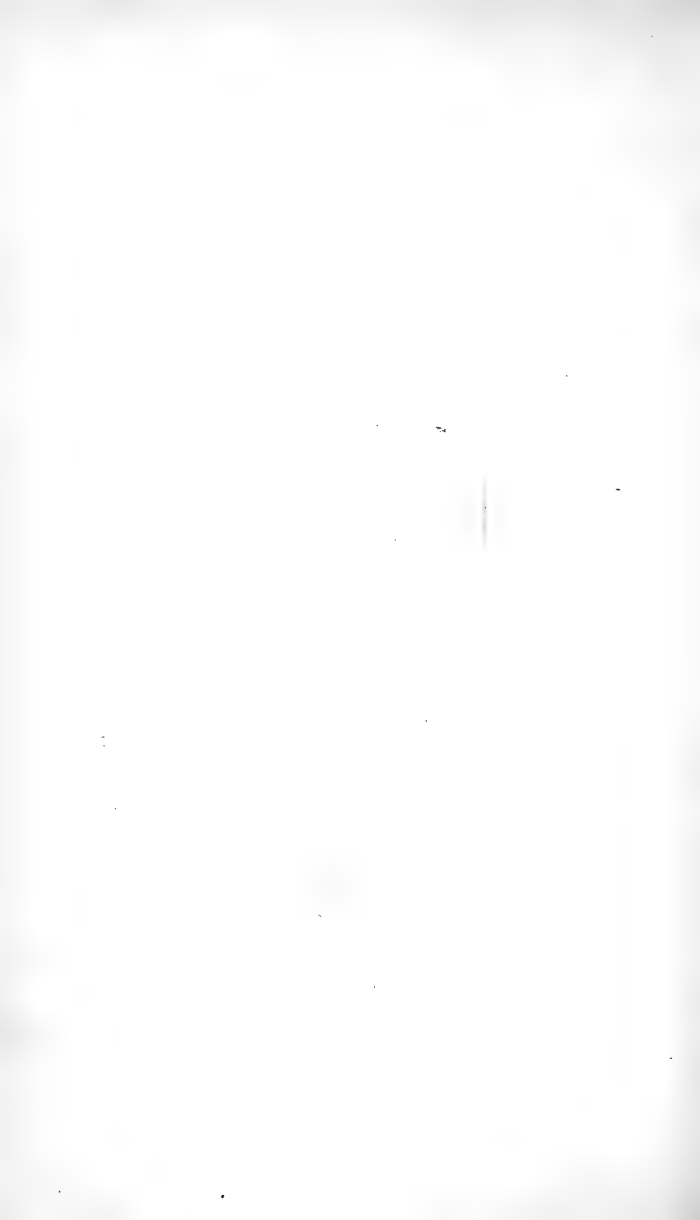


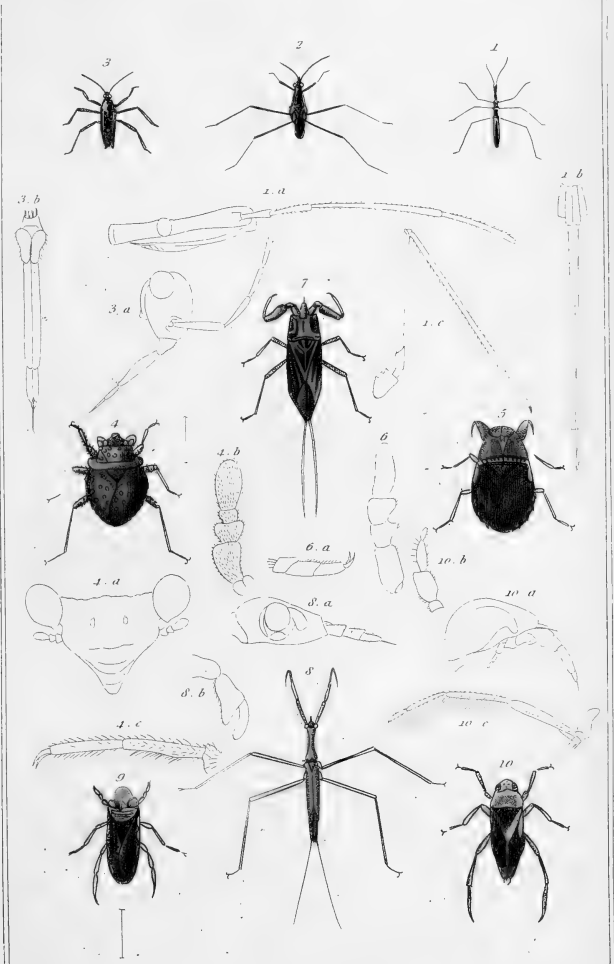


1. *Desmocerus cyaneus*. Fab. 2. *Vesperus griseus*. Guér. 3. *Rhagiium bifasciatum*. Fab. 4. *Rhamnusium salicis*. Fab. 5. *Toxotus meridionalis*. Fab. 6. *Pachyta Laportii*. Guér. 7. *Stenoderus cerambyoides*. Kürby. 8. *Leptura annulata*. Goy



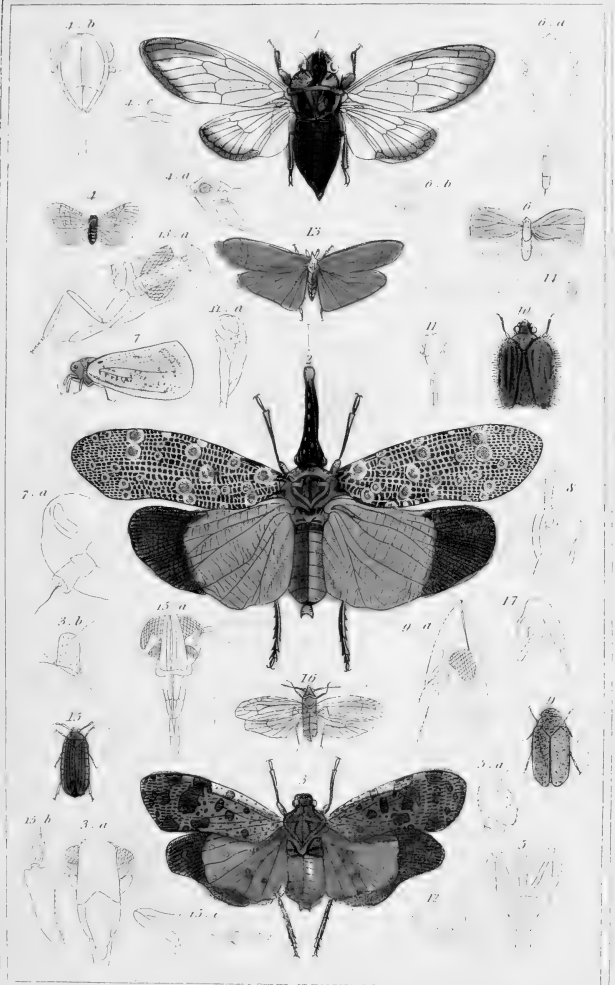
1. *Lygæus Pyri*. Guér. 2. Anatomical details of the *Lygæus apterus* L. 3. *Macrocheraia grandis*. Gray
 4. *Saldia erythrocephala*. Serv. 5. Head of the *Mydocha tipuloides*. Lat. 6. *Astemma mercurialis*. Guér.
 7. *Myris pulchellus*. Guér. 8. Antenna of the *Capsus flavicollis*. Fab. 9. Antenna of the *Water spiscicornis*.
 Lat. 10. *Macrocephalus affinis*. Guér. 11. Antenna of the *Ph. crassipes*. F. 12. Antenna of the *Ph. crocea*.
 F. 13. Antenna of the *Tungis pyri*. F. 14. Antenna of the *Acadus corticalis*. 15. *Acadus lunatus*. F. 16. An
 anatomical details of the *Cimex lectularius*. L. 17. *Reduvius amarus*. Guér. 18. *Reduvius personatus*. L.
 19. *Ploiaris pallida*. Guér.





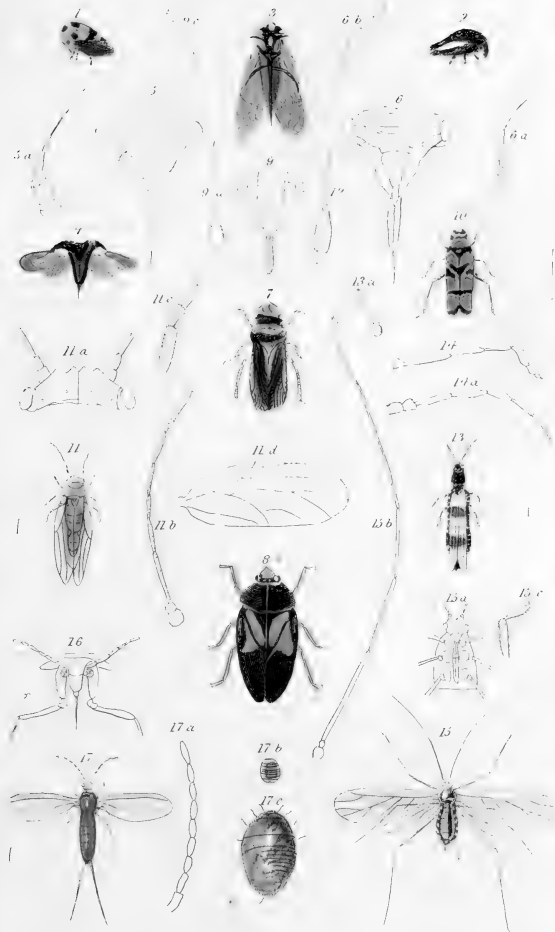
1. *Hydroneura stagnorum*. Lin. 2. *Gerris marginatus*. Guér. 3. *Velia rivulorum*. Fabr. 4. *Galgula flavus*. Guér. 5. *Naucoris Poeyi*. Guér. 6. Antennae of the *Sphæroxenia rotundata*. Lap. 7. *Nepa grisea*. Guér. 8. *Ranatra filiformis*. Fabr. 9. *Corixa cuba*. Guér. 10. *Notonecta furcata*. Fab





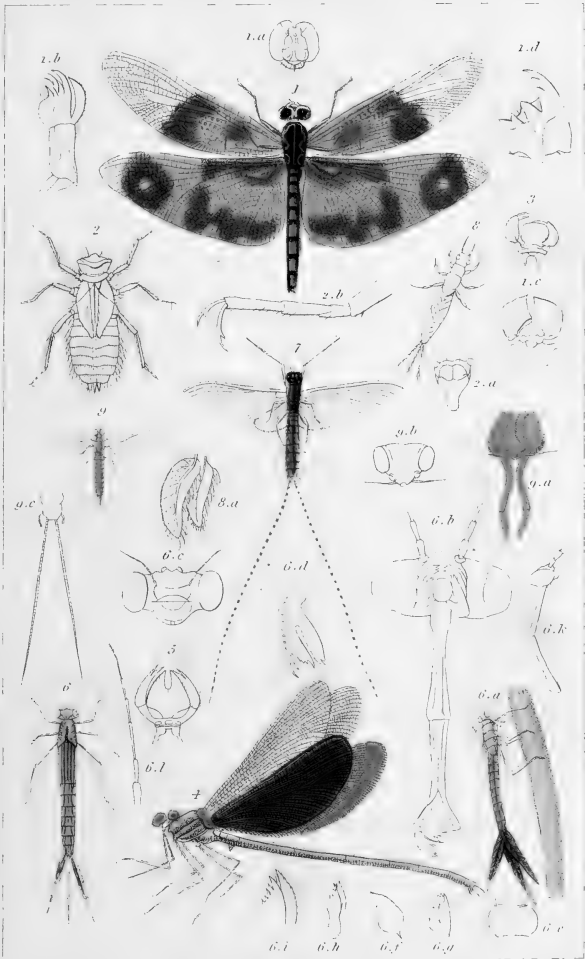
1. *Cicada Diardi*. Guér. 2. *Fulgora Luthbarii*. Kirby. 3. *Apharna variegata*. Guérin. 4. *Cixius pellucidus*. Guér. 5. Head of the *Lystra laevata*. F. 6. *Ricania marginella*. Guér. 7. *Puccilloptera maculata*. Guér. 8. Head of the *Hata floccosa*. Guér. 9. *Tettigometra virescens*. Lat. 10. *Issus pectinipennis*. Guér. 11. Head of the *Issus coleoptratus*. F. 12. Head of the *Otiocerus Coquebortii* Kirby. 13. *Anotia coccinea*. Guér. 14. Head of the *Derbe pallida*. Fab. 15. *Asiraca cluxicornis*. Fab. 16. *Ugrops Pecheronii*. Guér. 17. Head of the *Delphax minuta*. F.





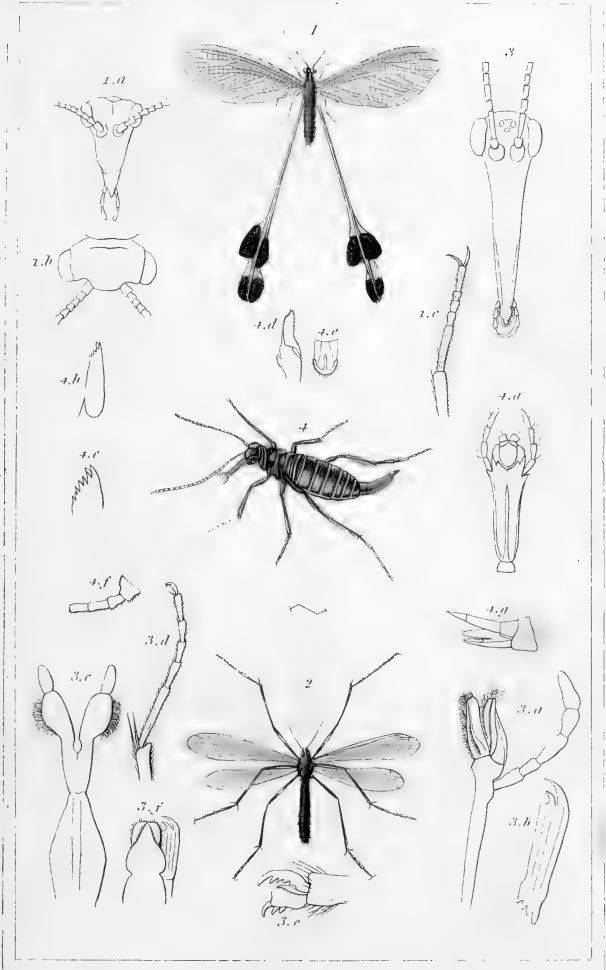
1. *Membracis maxicana*, Cuér. 2. *Darnis affinis*, Cuér. 3. *Bocididium proximum*, Cuér. 4. *Centrotus anchorago*, Cuér. 5. Anatomical details of the *Cent. cornutus*, F. 6. Anatomical details of the *Petalium reticulatum*, Lat. 7. *Ledra aurata*, F. 8. *Cercopis Urvilloi*, Serv. 9. Anatomical details of the *Cer. sanguinolenta*, Panz. 10. *Tettigonia pulchella*, Cuér. 11. *Psilla gonistae*, Cuér. 12. Antennæ of the *Livia*. 13. *Thrips fasciata*, F. 14. Antenna of the *Th. ulmi*, F. 15. *Aphis roseæ*, F. 16. Head of the *Aleirades*. 17. *Coccus cacti*, L.





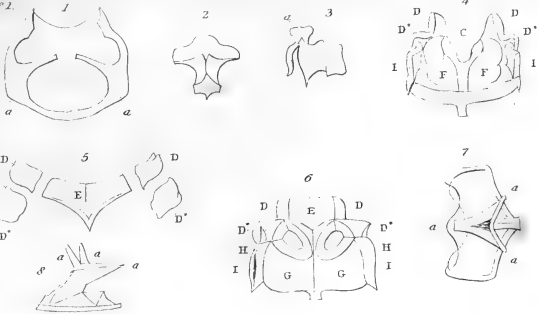
1. *Libellula indica*. Eabr. 2. Nymph of the *Libellula depressa*. Lin. 3. Mandr claws of the *Eshur* of Egypt. 4. *Agrion chinensis* Guv. Fab. 5. Mandr claws of the *Agrion virge*. Fab. 6. Nymph and Anatomical details of the *Agrion puella*. Lin. 7. *Ephemera limbata*. Serv. 8. Larva of the *Ephemera vulgata*. Lin. 9. *Ephemera bioculata*. Fabr.



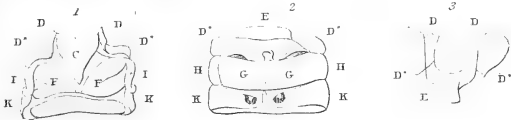


1. *Xemoptera extensa*. Oliv. [halterata Eab.] 2. *Bittacus tipularius*. Latr.
 3. Anatomical details of the *Panorpa communis*. Lin. 4. *Boreus hiemalis*. Lin.

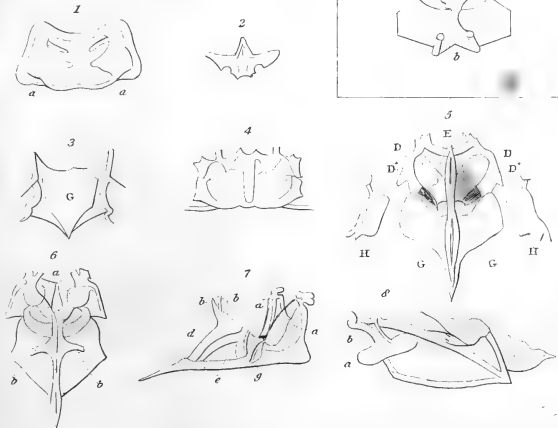
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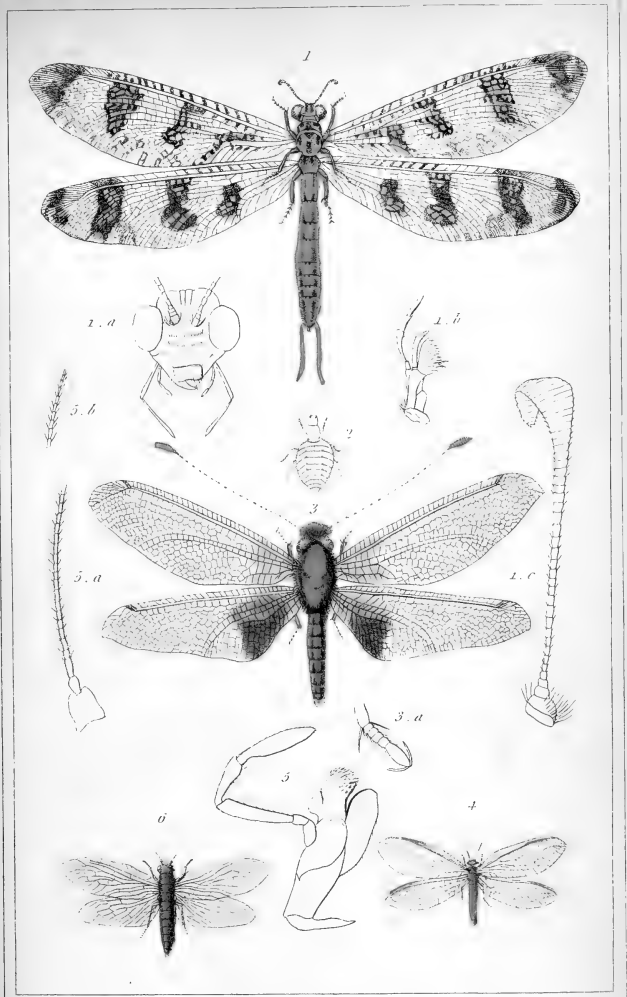
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N^o 3

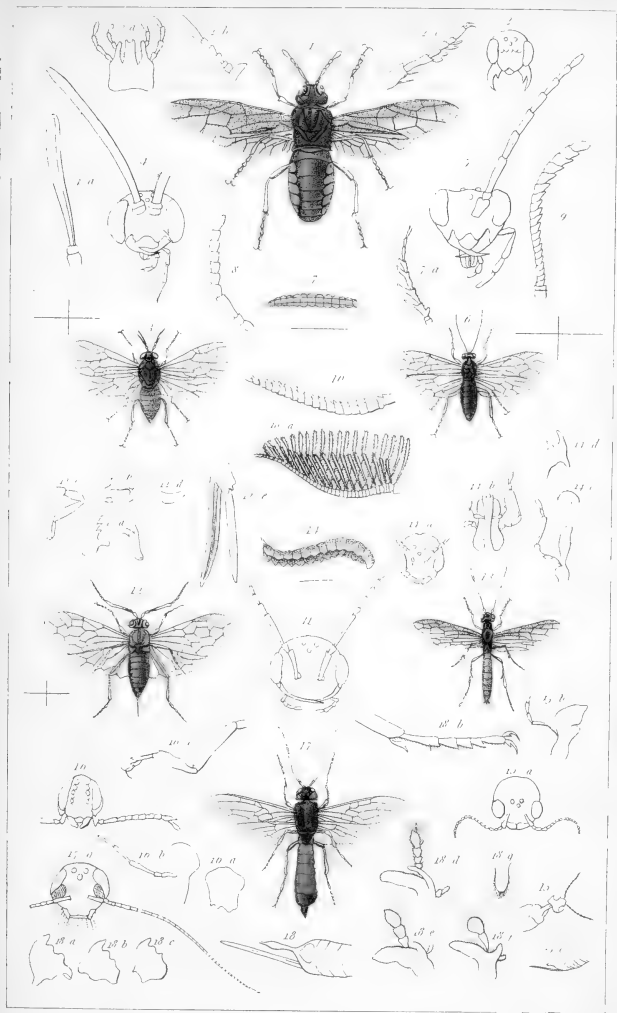


Organs of Motion in Insects.

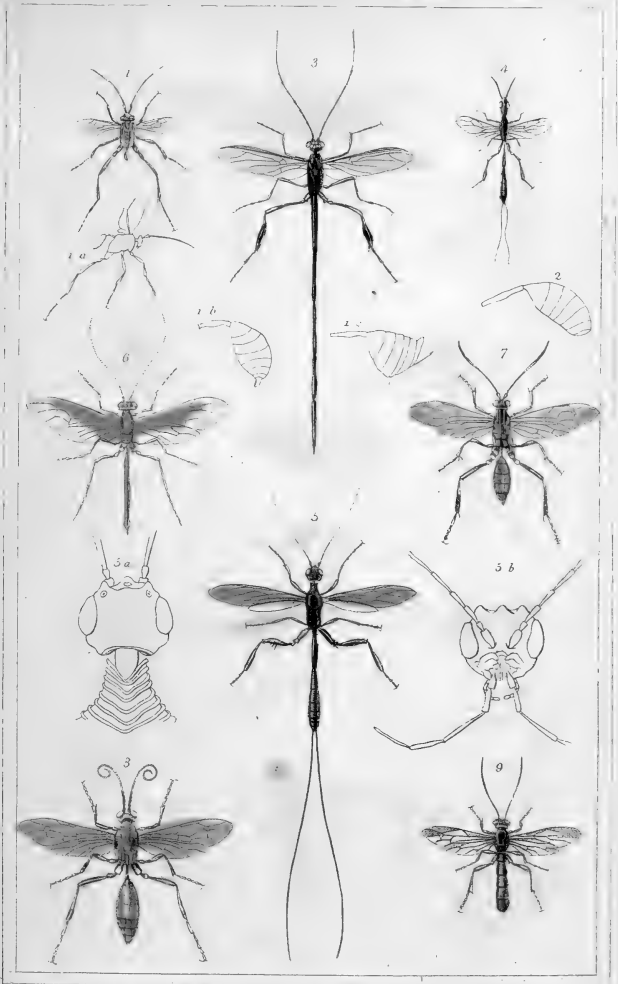


1. *Myrmelco Percheronii*. Guér. 2. Larva of the *Myrmelco formicarius*. L. 3. *Ascalaphus Brasiliensis*. Guér. 4. *Hemerobius capitatus*. Fabr. 5. Anatomy of the *Hemerobius* of Egypt. 6. *Sialis lutarius*. Latr.



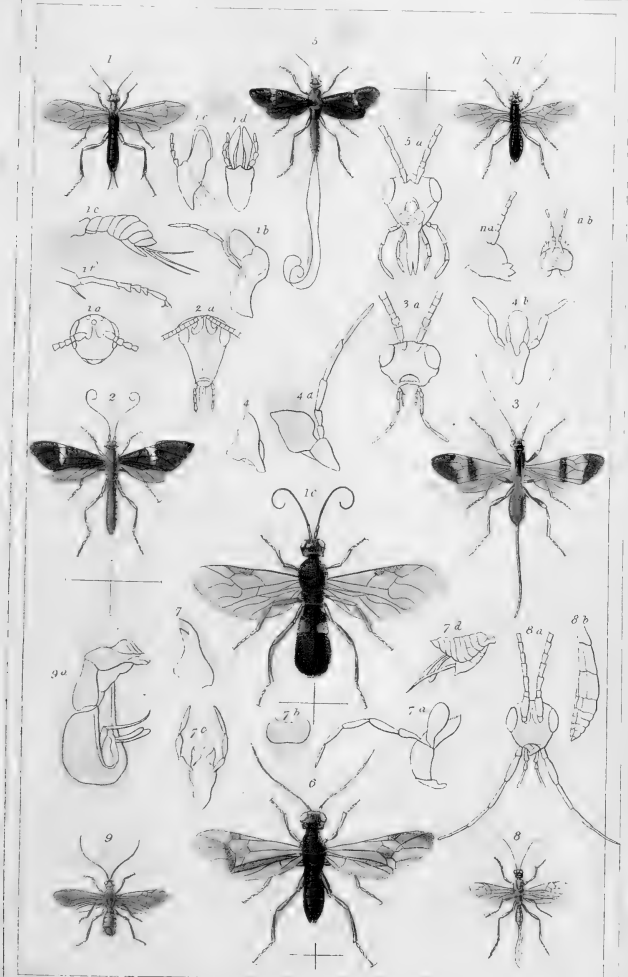


1. *Cimex lateralis*. Guer. 2. Anatomy of the *Perla*. 3. *Schizocera furcata*. Fab. 4. Anatomy of the *Hyloterpes*. 5. Anatomy of the *Tentredo*. 6. *Cladius pallipes*. Lep. 7. Anatomy of the *Cladius difformis*. 8. Anatomy of the *Athalia*. 9. Anatomy of the *Pterygophorus*. 10. Anatomy of the *Lophyrus*. 11. Anatomy of the *Pamphilus*. 12. *Xyleta pusilla*. Dal. 13. *Cephus flaviventris*. Lef. 14. Larva &c. of the *Cephus pygmaeus*. 15. Anatomy of the *Xypha*. 16. Anatomy of the *Oryssus*. 17. *Sirex hefelyre*. 18. Anatomical details of the *Sirex*.



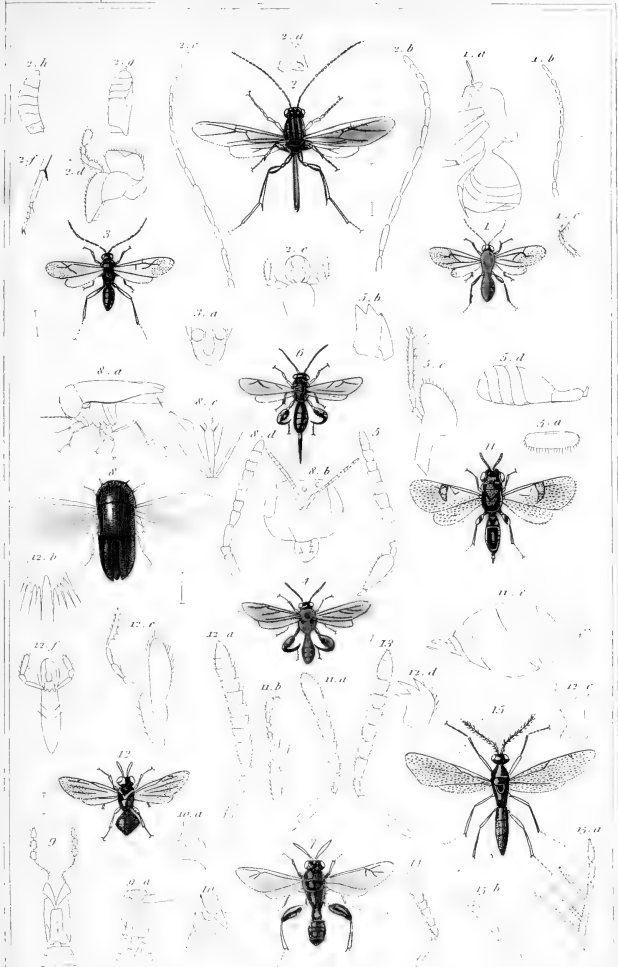
1 *Evania Cuba*. Cur. 2 abd. menbr. of the *Evania appendiculata* Fab. 3 *Pelecinus polycrator* Lin. 4 *Vermus arvensis* Serv. 5 *Stephanus furcatus* Serv. 6 *Ophion marginatus* Fab. 7 *Jeppa pusa* Serv. 8 *Telmomenon grossorum* Grav. 9 *Peltastes suarius* Grav.



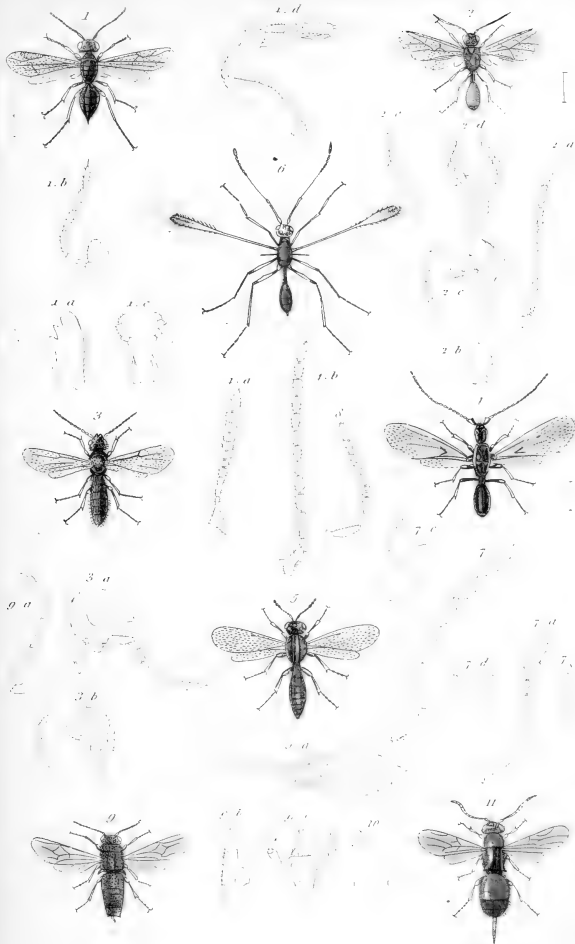


1 *Acronitius a. atr.* Rossi 2 *Agathis purgator* Fab. 3 *Bracon ornator* Fab. 4 Anatomical details of the *Bracon*
2511. grator Lin. 5 *Vipio nominator* Latr. 6 *Microgaster deprimator* Latr. 7 Anatomical details of
Microgaster alvarius Lin. 8 *Helcon spinosus* Grav. 9 *Sicelphus irroratus* Latr. 10 *Chelonus oculator* Jurine. 11 *Alysia*
manducator Fab.



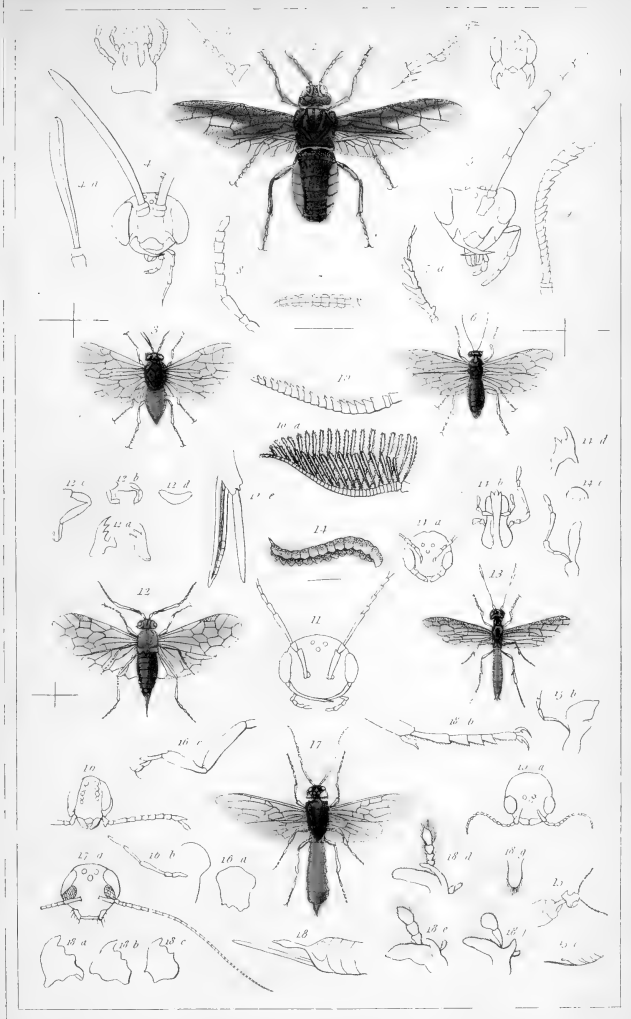


1. *Cynips quercus torje*. Fab. 2. *Halia cultellator*. F. 3. *Figites scutellaris*. Lat. 4. *Chaleis lusitana*. Guér. 5. Anatomical details of the *Chaleis macleanii*. Curt. 6. *Chaleis gambatus*. Guér. 7. *Leucospis pedicularis*. Guér. 8. *Thoraeantha Latreilli*. Guér. 9. Head of the *Agaon*. 10. Head of the *Dirhimus Dalm*. 11. *Eurytoma cooperii*. Curt. 12. *Perilampus violaceus*. Fab. 13. Antennae of the *Cleonymus* 14. Antennae of the *Eneurytus*. 15. *Eulophus pectinicornis*. Fab.



1. *Dryinus cursor*, Hal. 2. *Helorus anomalipes*, Panz. 3. *Sparasion frontale*, Lat. 4. *Galesus fuscipennis*, Curt. 5. *Platygaster boscii*, Jar. 6. *Mymar pulchellus*, Wlk. 7. Anatomical details of the *Teleas claviger*, Hal. 8. Antennae of the *Cinetus*. 9. *Chersis mexicana*, Guér. 10. Anatomical details of the *Hedychrum*. 11. *Cleptes thoracica*, Lat.

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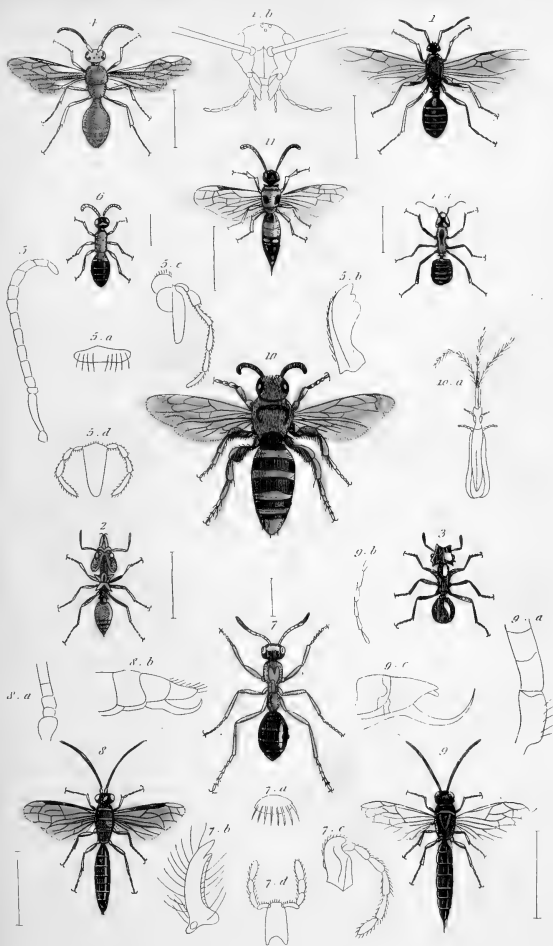


1. *Cimex lateralis*. Guér. 2. Anatomy of the *Perga*. 3. *Schizocera furcata*. Fab. 4. Anatomy of the *Hylot*. 5. Anatomy of the *Tenthredo*. 6. *Cladius pallipes*. Lep. 7. Anatomy of the *Cladius difformis*. 8. Anatomy of the *Athalia*. 9. Anatomy of the *Pterygophorus*. 10. Anatomy of the *Lophyrus*. 11. Anatomy of the *Pamphilus*. 12. *Xyela pusilla*. Dal. 13. Larva of the *Cephus flaviventris*. Lef. 14. Larva of the *Cephus pygmi*. 15. Anatomy of the *Xyph*. 16. Anatomy of the *Oryssus*. 17. *Sirex* Lefebvre. 18. Anatomical details of the *Sirex*.

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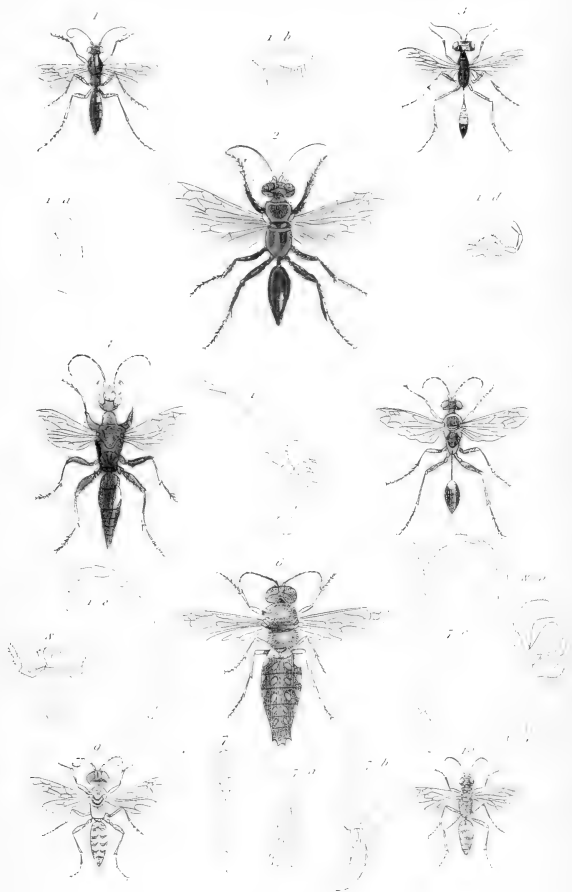
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1. *Formica rufa*. L. 2. *Atta? armigera*. Lat. 3. *Cryptocercus atratus*. Latvil. 4. *Mutilla senex*. Guér. 5. Anatomical details of the *Mutilla ephippium*. Eab. 6. *Myrmosa melanocephala*. Lat. 7. *Methocia ichneumonides*. Lat. 8. *Tengyra Savvitali*. Lat. 9. *Myzine volvulus*. Lat. 10. *Scolia formosa*. Guér. 11. *Sapyga varia*. Lat.

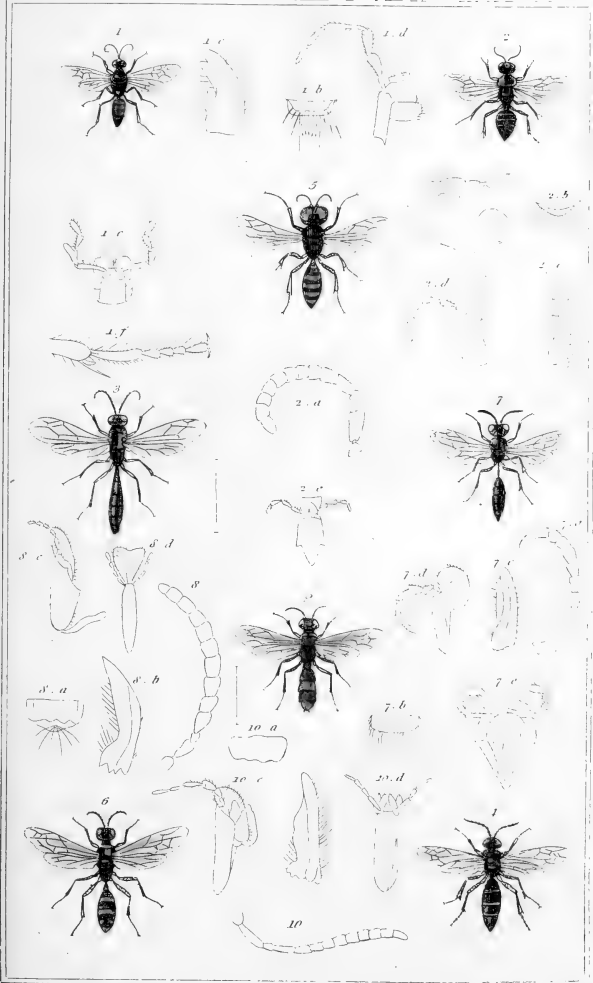


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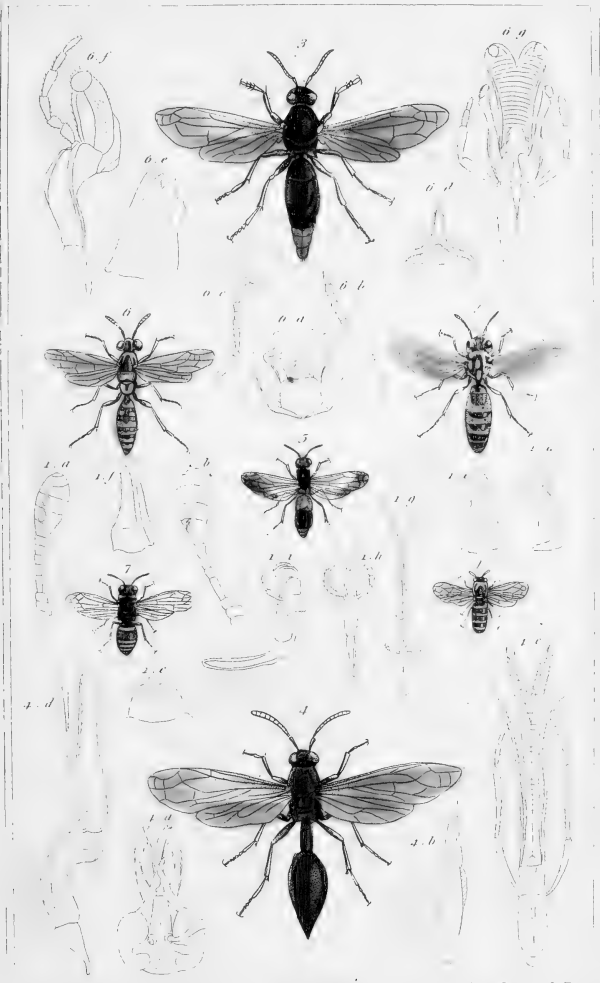


1. *Pompilus viaticus*, F. 2. *Sphex aurulentus*, Guér. 3. *Ammophilus apicalis*, Guér. 4. *Ampulex compressiventris*, Guér. 5. *Pelopæus lunatus*, F. 6. *Bembex peruviana*, Guér. 7. Anatomical details of the *Bembex*. 8. Anatomical details of the *Monedula*. 9. *Lyrops auriventris*, Guér. 10. *Dinetus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

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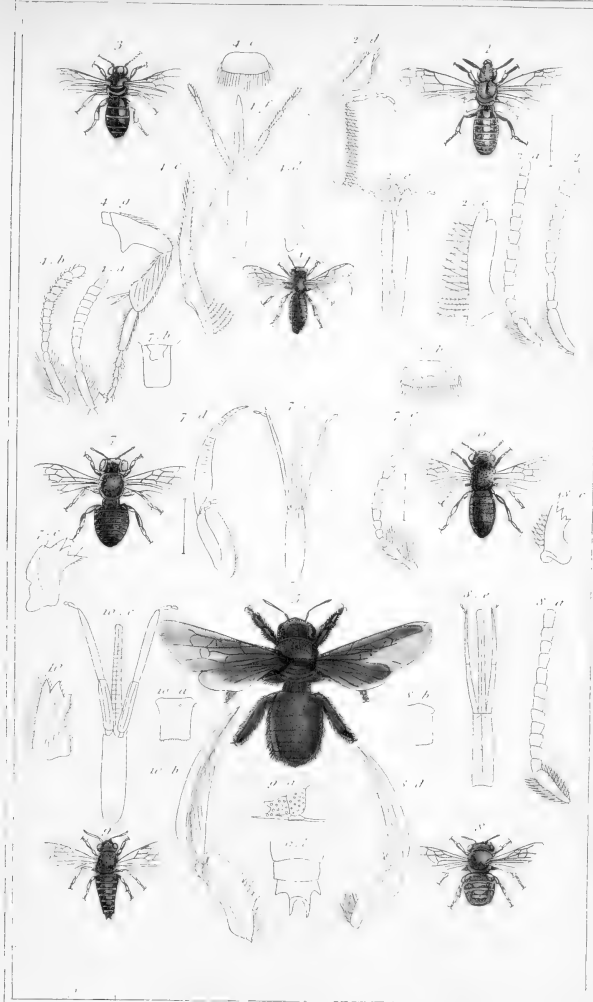
1. *Astata boops*. Syn. 2. *Oxybelus uniglutinis*. Fib. 3. *Trypoxylon figulus*. Lat. 4. *Corytes mystaceus*. Lat. 5. *Crabro cephalotes*. L. 6. *Mellinus arvensis*. L. 7. *Psen ater*. Lat. 8. Anatomical details of the *Phyllanthus androgynus*. Rossi. 9. *Cerceris bifasciata*. Guer. 10. Anatomical details of the *Cerceris lata*. F.



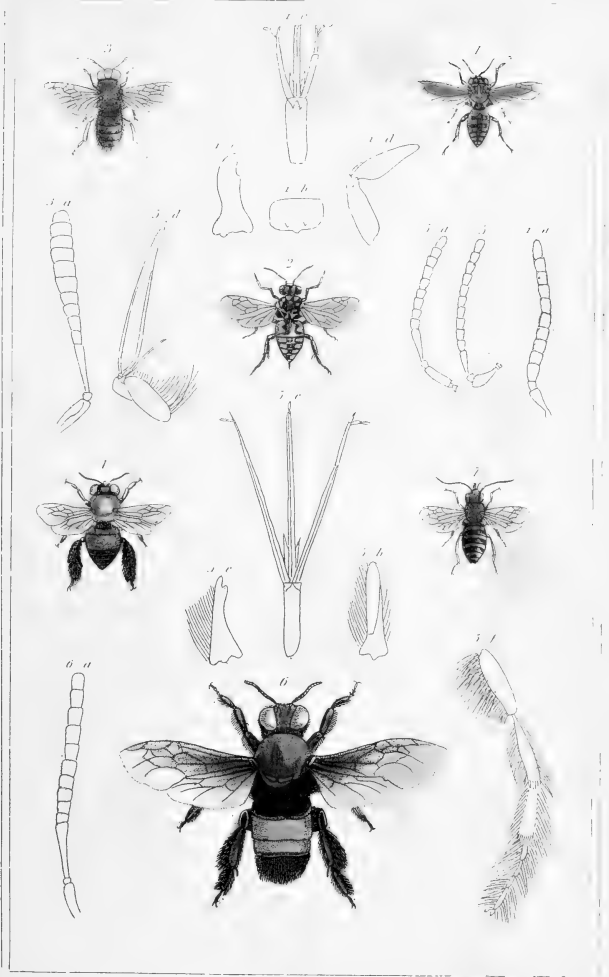
1. *Celonites apiformis*. Lat. 2. *Ceramius fonscolembii*. Klug. 3. *Synagris talida*. Fab.
 4. *Eumenes Savignyi*. Guér. 5. *Odynerus elegans*. Guér. 6. *Polistes Lefebvrii*. Guér.
 7. *Polistes nidulans*. Fab.

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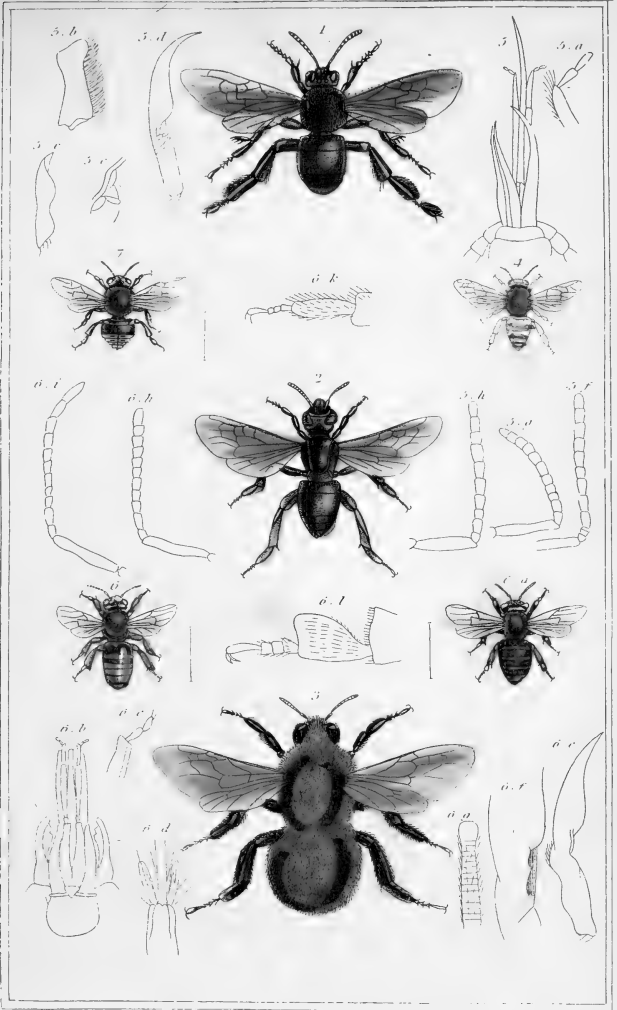


1. *Andrena fernalis*. Guér. (Cuba) 2. Anatomical details of the *Andrena kirbyi*. Curt.
 3. *Nomia crassipes*. Oliv. 4. *Pamurgus ater*. Lat. 5. *Xylocopa auripennis*. Lep. 6.
Ceratina viridis. Guér. 7. *Megachile centuncularis* L. 8. *Anthidium diadema*. Lat.
 9. *Colioxys rufipes*. Guér. (Cuba) 10.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



1. *Epeolus variegatus*, L. 2. *Crocisa pulchella*, Guér. 3. *Mellitura clavicornis*, Latr. 4. *Anthophora apicalis*, Guér. (Cuba) 5. Anatomical details of the *Anthophora Thwaitiana* Lüb. 6. *Centris clypeata*, Lepel. 7. *Macrocera Lasniervii*, Guér. (Cuba)





1. *Acauthopus splendidus*. Klug. 2. *Euglossa dentata*. Lat. 3. *Bombus Dahlbomii*. Guér. 4. *Apis Adamsenii*. Lat. 5. Anatomical details of the *Apis mellifica*. L. 6. *Melipona fulvipes*. Guér. (tuba) 7. *Trigona fuscata*. Guér.



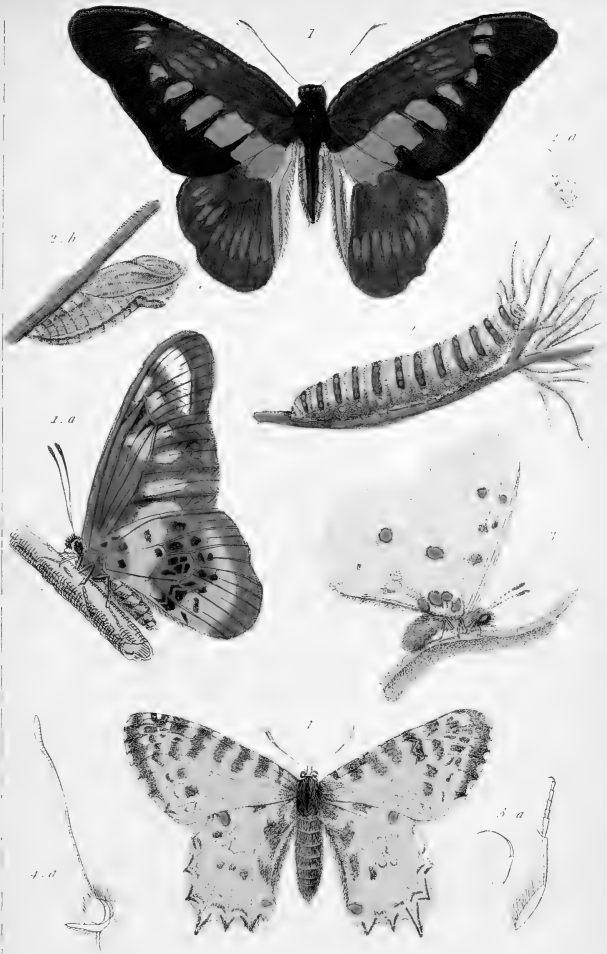


Organs of Sensation in Insects.





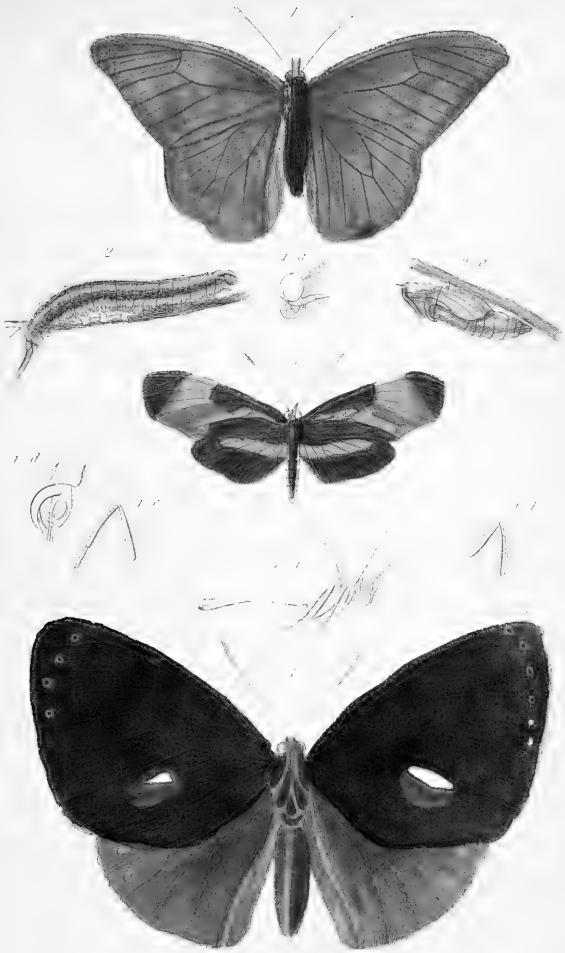
Organs of Sensation in Insects.



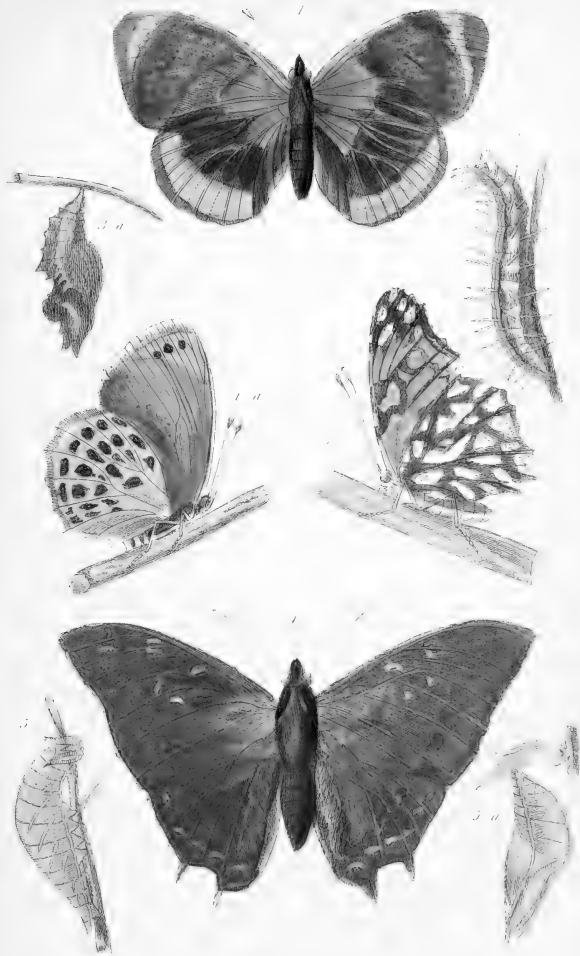
1. *Papilio Latreillii*. Godard. 2. Caterpillar & Chrysalis of the *Papilio machaon*. L.

3. *Parnassius pharbus*. Fabr. Godard. 4. *Thais Cerisyi*. Godard





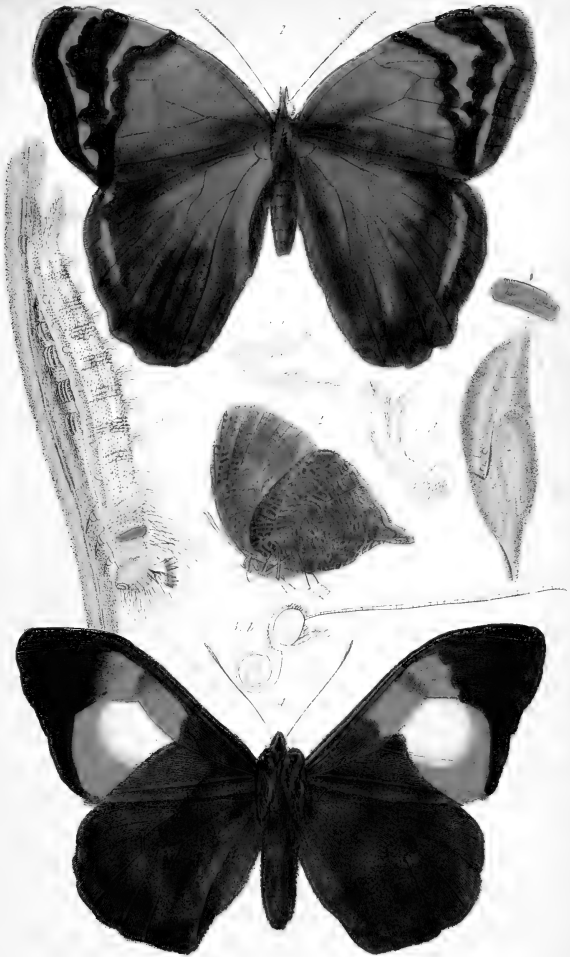
1. *Pieris thuris* Godard. 2. Caterpillar & Chrysalis of the *Pieris brassicae*
3. *Heliconia Lamasdoeffii* Godard. 4. *Gaucha eunice* Godard.



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

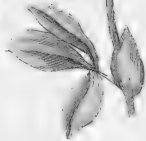
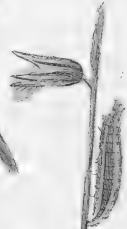


1. *Satyrus* *Halder*, *Botsd.* 2. *Caterpillar & Chrysalis of Satyrus partina* *Godard*
 3. *Eumonia* *lucra*, *Godard*. 4. *Erythra* *carolina*, *Godard*



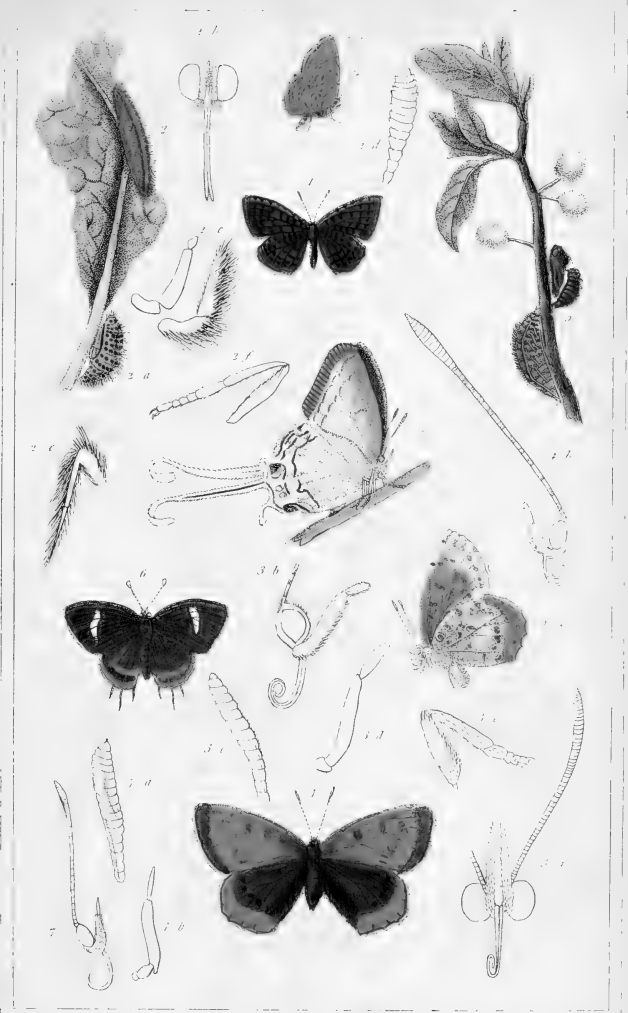
1. *Pavonia acadina*, Godard. 2. *Morpho acterion*, Godard

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

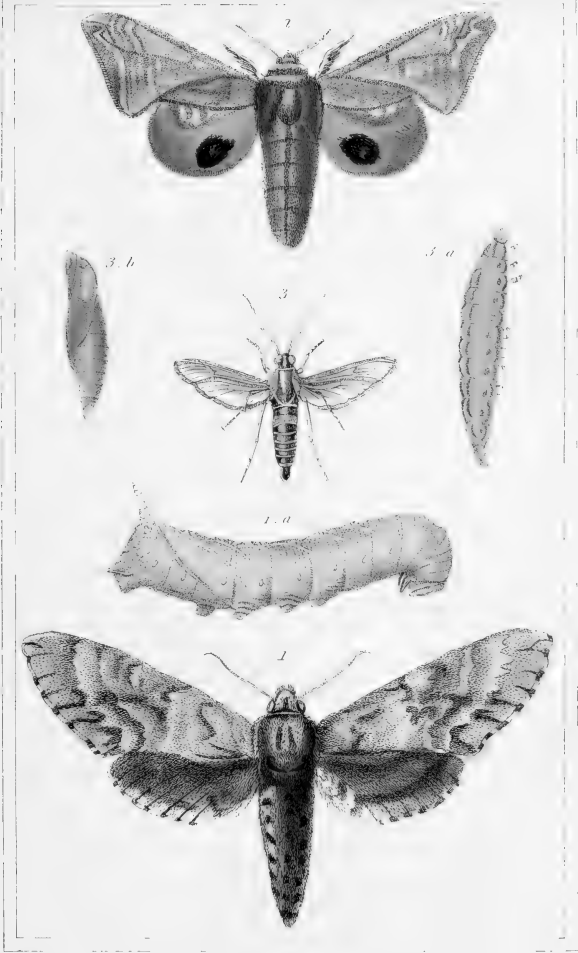


1. *Crama Bershadus* G. 2. *Hesperia sabadus* Fdy. 3. Caterpillar & Chrysalis of *Hesp. hanc* Fab.
4. Caterpillar of *Hesp. Linca* Fab.



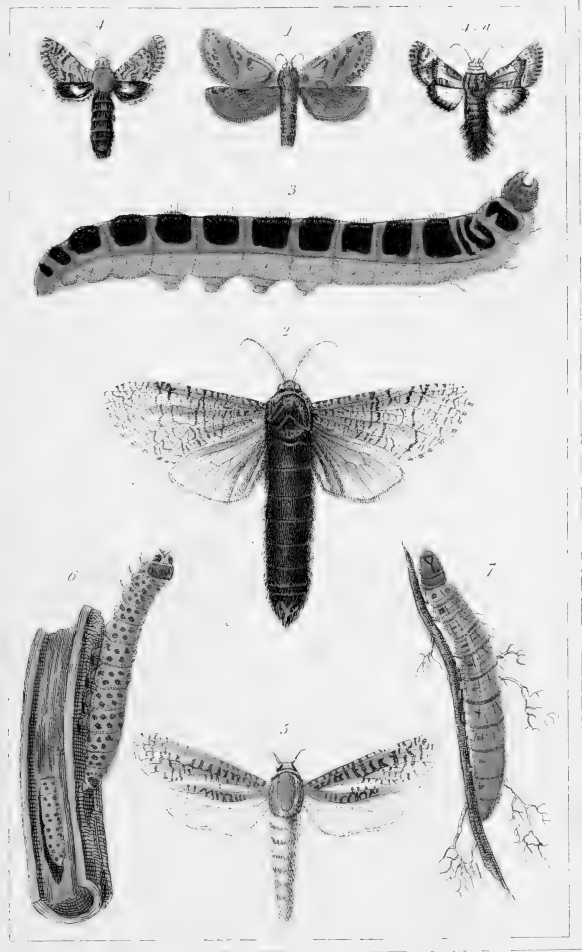


1. *Erycinia virginiensis*, Boisid. 2. Caterpillar Chrysalis & Anatomy of the *Erycinia lucina*. 3. *Myrina Juffra*, Godard. 4. *Polvommatius Thorè*, Boisid. 5. Caterpillar & Chrysalis of the *Polvommatius prouti* Godard. 6. *Zephyrius amor*, Halm. 7. Anatomy of the *Polvommatius rosus*, Godard. 14. *Lycena*, horsef.

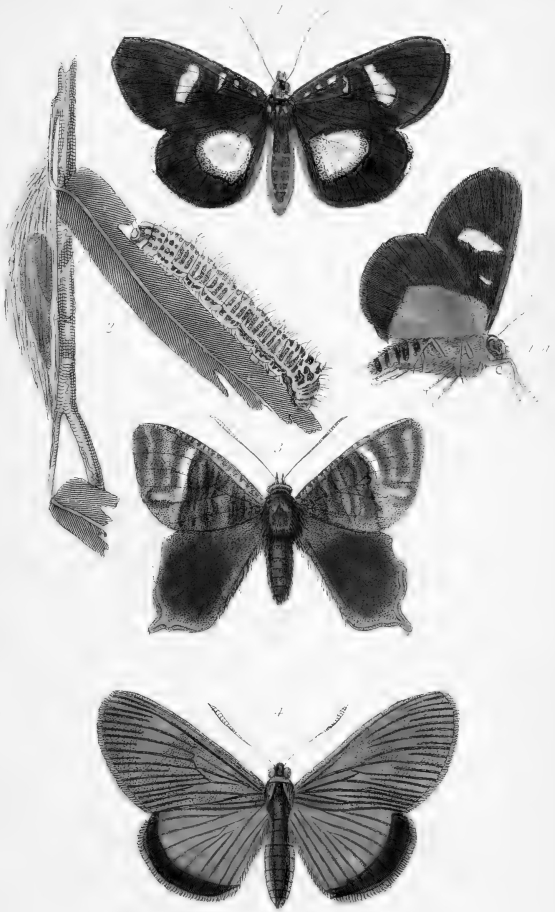


1. *Sphinx jasminearum*. Bly. 2. *Smerinthus io*. Bly.

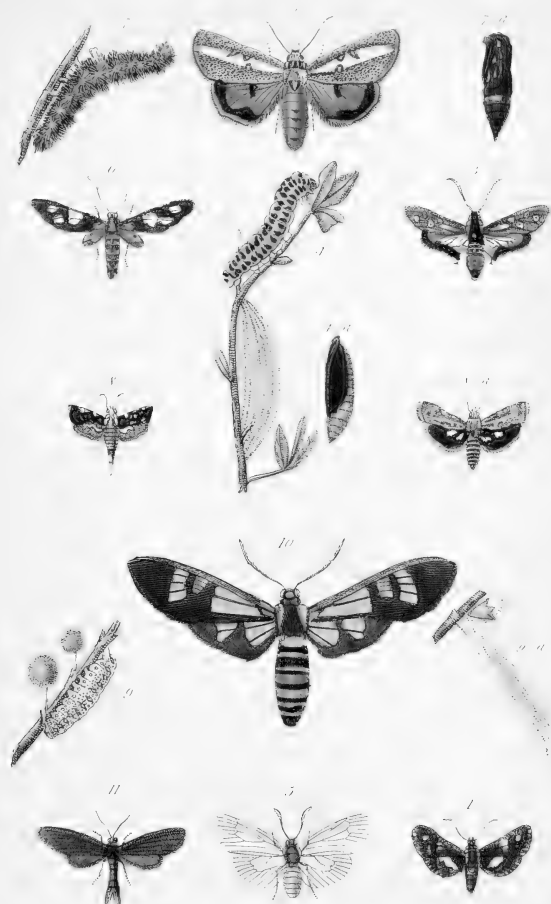
3. *Sesia asilipennis*. Bly.



1. *Hepialus lupulinus* Fab. 2. *Cossus Maenurtrei* Bly. 3. Caterpillar of the *Cossus ligniperda* Fab. 4. *Stygia australis* Latr. 5. *Zeuzera scalaris* Donov. 6. Caterpillar of the *Zeuzera arseculi* Fab. 7. Caterpillar of the *Hepialus humuli* Fab

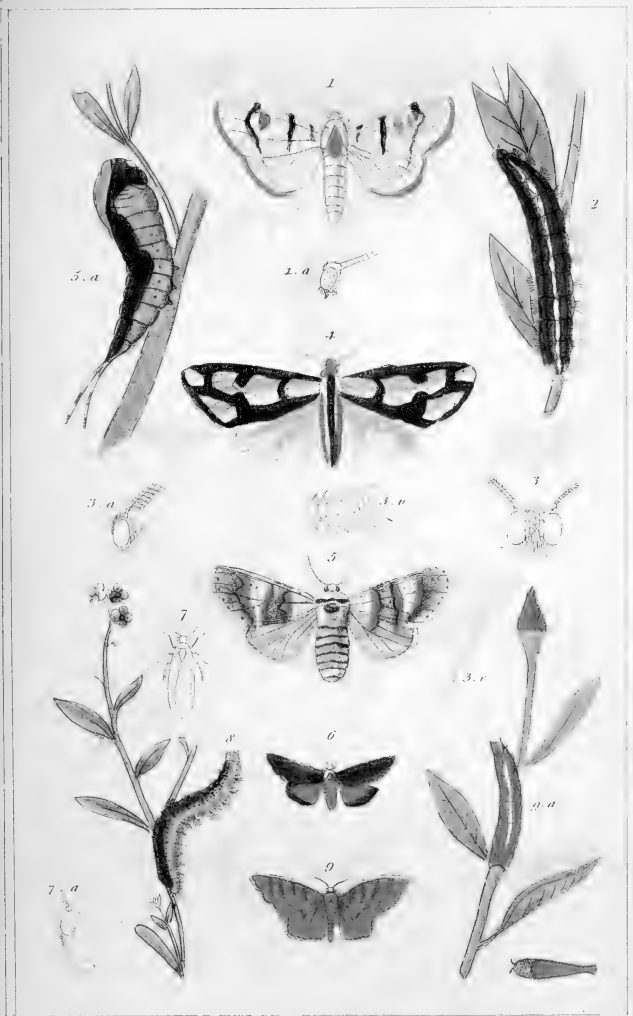


1. *Agarista Pales*, Bdy. 2. Caterpillar & Chrysalis of the *Agarista glycinæ*, Lowin
 3. *Coronis leachii*, Godard. 4. *Castnia Acronoides*, Bdy



1. *Thyris sepulchralis*. Bdv. 2. *Egocera rectilinea*. Bdv. 3. *Zigana pulchella*. Bdv. 4. *Zigana filipendule*. Lin. 5. *Procris nebulosa*. Klug. 6. *Syntomis myodes*. Bdv. 7. *Syntomis phugea*. Fab. 8. *Atychia pumila*. Och. Lat. 9. Caterpillar & Chrysalis of the *Aglaope infausta*. 10. *Glaucopsis Folltii*. Ecist. 11. *Aglaope americana*. Bdv.



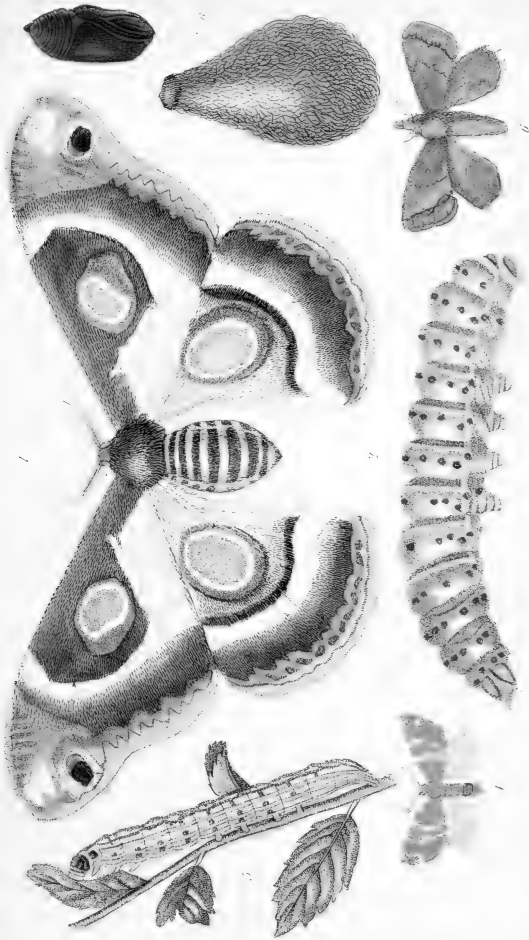


1. *Chelonia evidens*. Bdv. 2. Caterpillar of the *Chelonia nubilis*. Bdv. 3. Anatomical details of the *Chelonia chrysorhata*. 4. *Callimorpha Lecomtei*. 5. *Bicramoura borealis*. Bdv. 6. *Lithosia larta*. Bdv. 7. *Lithosia lateola*. 8. Caterpillar of the *Lithosia pulchella*. 9. *Platypteryx globularis*. Bdv.

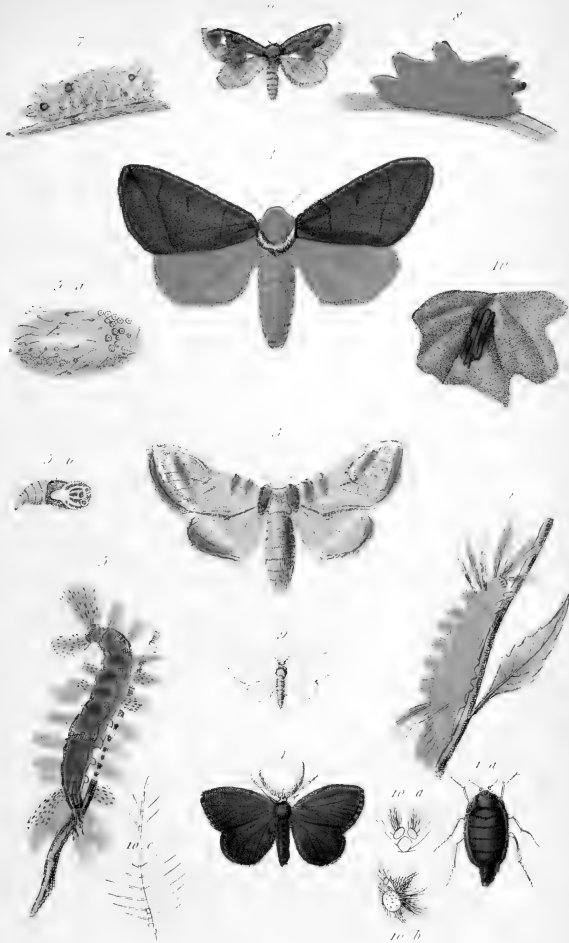
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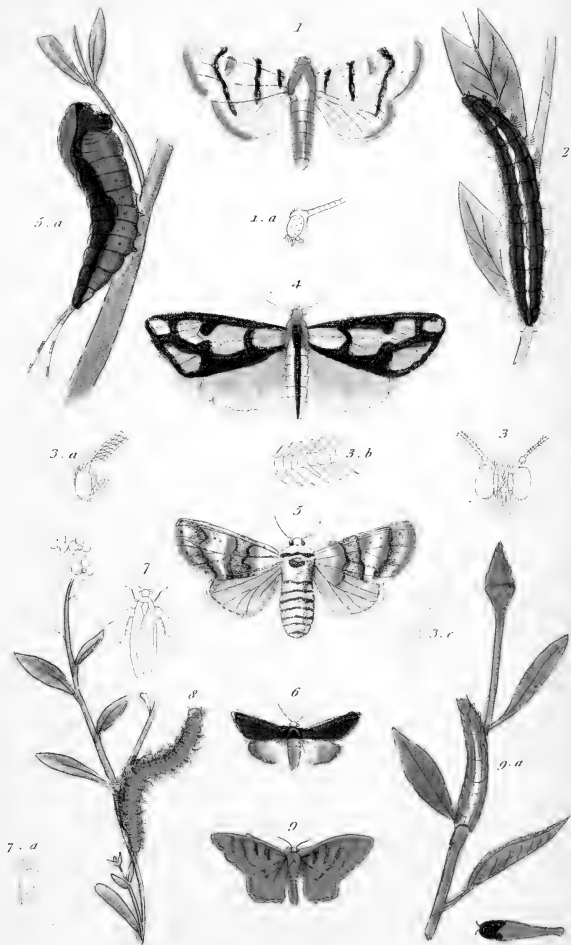




1 *Saturnia bauthiniae*. Bdv. 2. Caterpillar of the *Saturnia luna*. Fab. 3. Chrysalis of the *Saturnia pavonia minor*. Lin. 4. *Bombyx dignissima*. Bdv. 5. Caterpillar of the *Bombyx pensylvanica*. Bdv. 6. *Lasiocampa proboscidea*. Bdv.

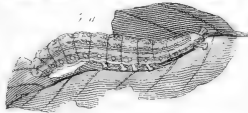
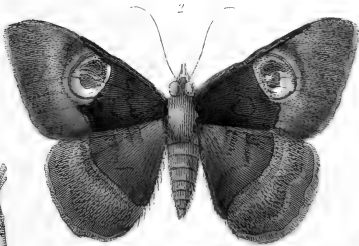


1. *Sericaria ruficeps*. Bdv. 2. Caterpillar of the *Sericaria tessellata*. Bdv. 3. *Notodontia ziczac*. Lan. 4. *Orgyia detrita*. Bdv. 5. Caterpillar & Chrysalis of the *Orgyia gnostigina*. Fab. 6. *Limacodes delphacii*. Bdv. 7. Caterpillar of the *Limacodes strigula*. Bdv. 8. Caterpillar of the *Limacodes* indetermined. 9. *Psyche calycella*. Ochs. 10. Parts of the Caterpillar of the *Psyche nitidella*

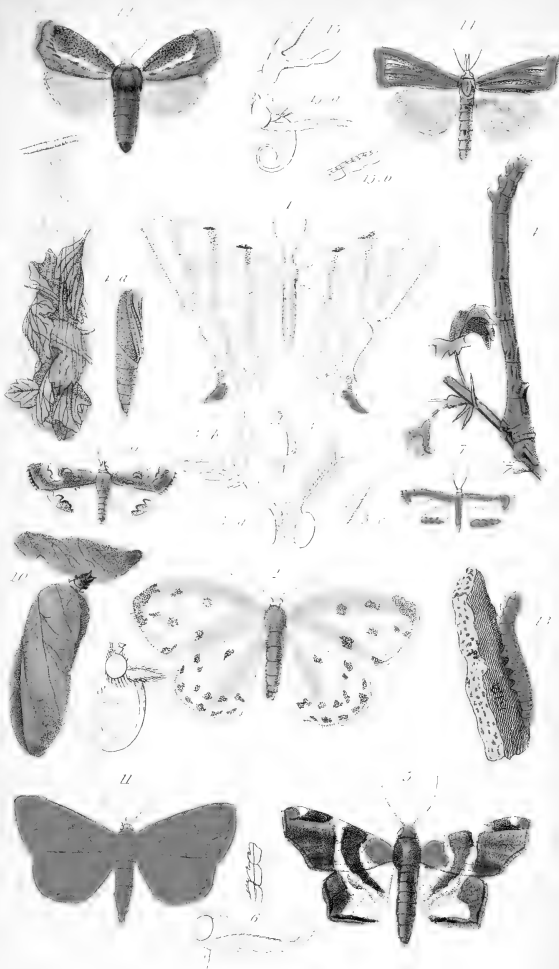


1. *Chelonia evidens*. Bdv. 2. Caterpillar of the *Chelonia rubilis*. Bdv. 3. Anatomical details of the *Chelonia chrysotheca*. 4. *Callimorpha Lecontei*. 5. *Dicramouea borealis*. Bdv. 6. *Lithosia lecta*. Bdv. 7. *Lithosia luteola*. 8. Caterpillar of the *Lithosia pulchella*. 9. *Platypteryx globulariae*. Bdv.

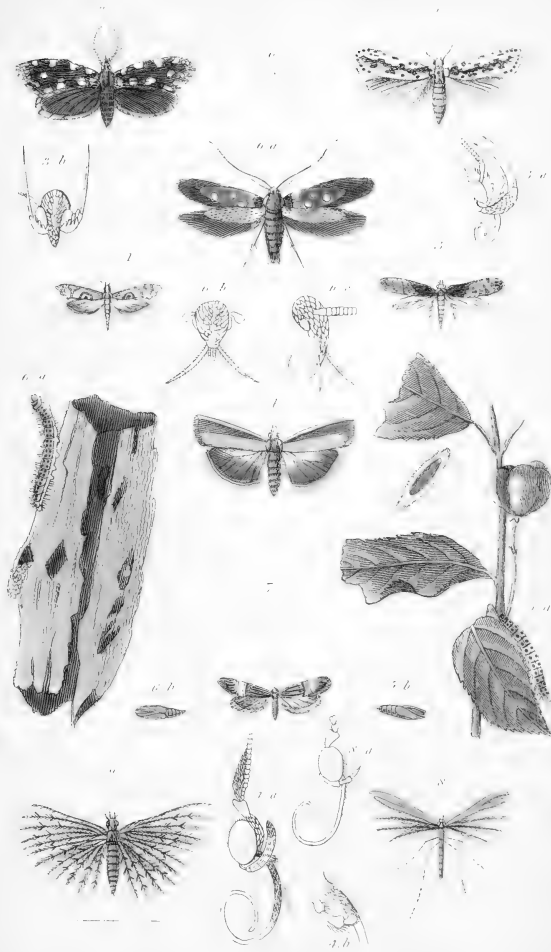




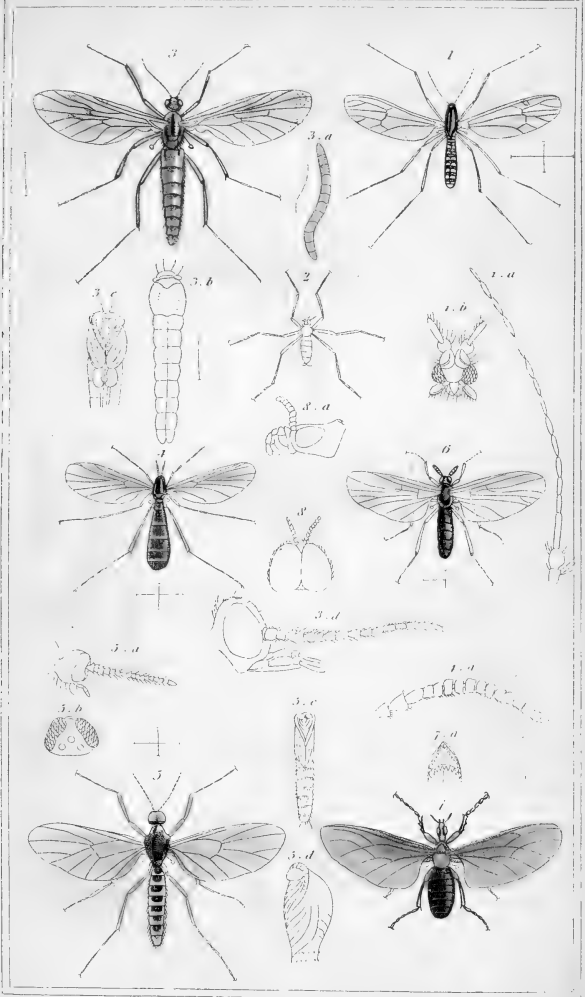
1. *Noctua (Ophideres) Imperator* Bdv. 2. *Erebus Immacina* Bdv. 3. *Caterpillar of Erebus (Noctua) putrescens* Bdv. 4. *Caterpillar & Chrysalis of Noctua (Ophideres) sponsa* Fab. 5. *Pyralis turgana* Fab.



1. *Phalena machaonaria*. Bdv. 2. *Phalena guttaria* Bdv. 3. Anatomy of the *Phalena javi-lucea*. Thub.
 4. Caterpillar of the *Phalena grossulariata* L. 5. *Hermia sidonia*. Cram. 6. Head of the *Hermia
 crassalis*. Fuh. 7. *Botys dilucidalis*. Bdv. 8. Head of the *Botys cingulalis*. Thub. 9. *Hydrocampe agnat
 His*. Bdv. 10. Caterpillar of the *Hydrocampe nymphenta*. Lat. 11. *Anglossa dilucidalis*. Bdv. 12. *Gal-
 leria cecrona*. Fuh. 13. Caterpillar of the *Galleria colonella*. Thub. 14. *Crambus retusalis*. Bdv. 15. Anat-
 omy of the *Crambus radiellus*. Thub.



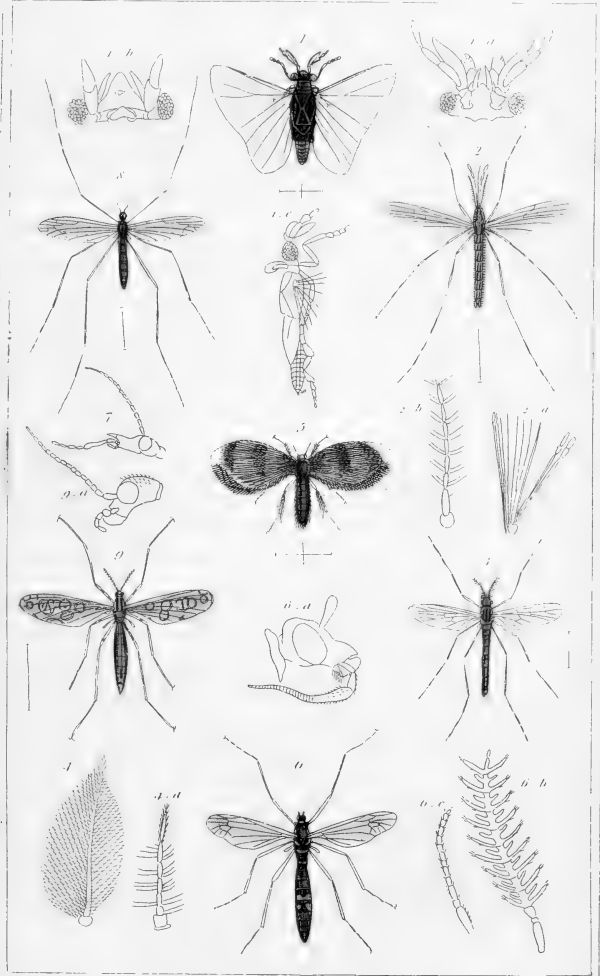
1. *Aluceta asperella*, Hubn. 2. *Euplocamus anthracinus*, Hubn. 3. *Tinea tapexana*, Fab. 4. *Head of Tim longicornis*, Curtis. 5. *Pithecia carnea*, Latr. 6. *Anatomy of H. pinguis*, Curtis. 7. *Xyponementa pusilla*, Hub. 8. *a. b. Caterpillar & Chrysalis of Yp. plumbella*, H. 9. *Ecophora lanceella*, Clark. 10. *a. b. Caterpillar & Chrysalis of Ec. majorella*, Hub. 11. *Adela Degeerella*, Fab. 12. *Pterophorus pilodactylus*, Hub. 13. *a. Head of Pter. spilotactylus*, Curtis. 14. *Orneodes hexadactylus*, Latr.



1. *Dixa nebulosa*. Meig. 2. *Chionea armicoides*. Dalm. 3. *Rhyphus fenestralis*. Scop.
 4. *Platyrus flavipes*. Meig. 5. *Mycetobia thoracica* Guér. 6. *Simulium ornatum*. Meig.
 7. *Dilophus thoracicus*. Guér. 8. Anatomical details of the *Bibio venosus*. Meig.

London, G. Heiderssen, 2, Old Bailey.

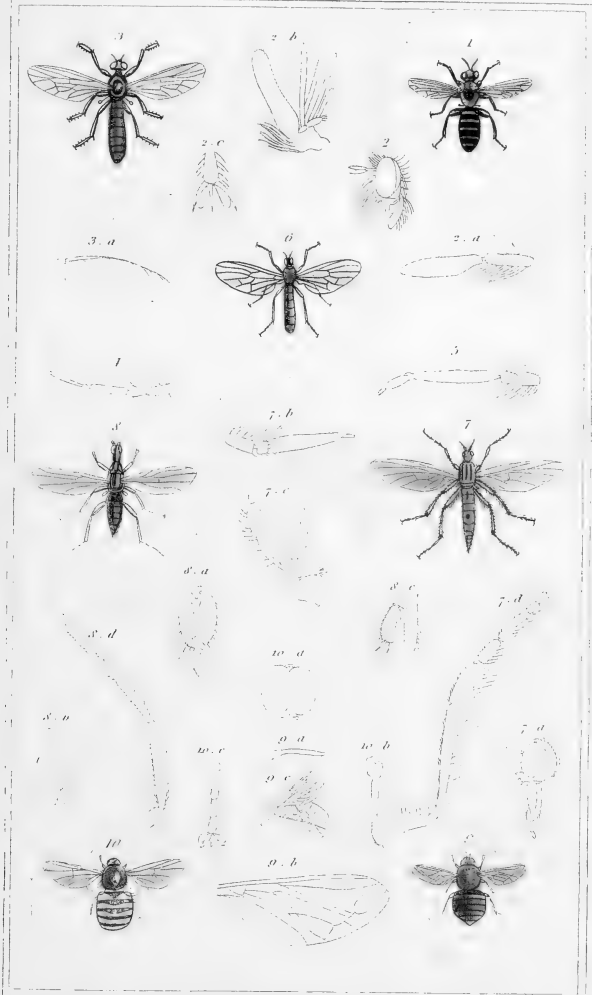




1. *Stelops Dolii* Curt. 2. *Anopheles bifurcatus* L. 3. *Corethra plumicornis* Meig. 4. Antenna of the Chironomus. 5. *Psychoda palustris* Meig. 6. *Ctenophora festiva* Meig. 7. Head of the Tipula. 8. *Rhipidia maculata* Meig. 9. *Limnobia ocellaris* L.

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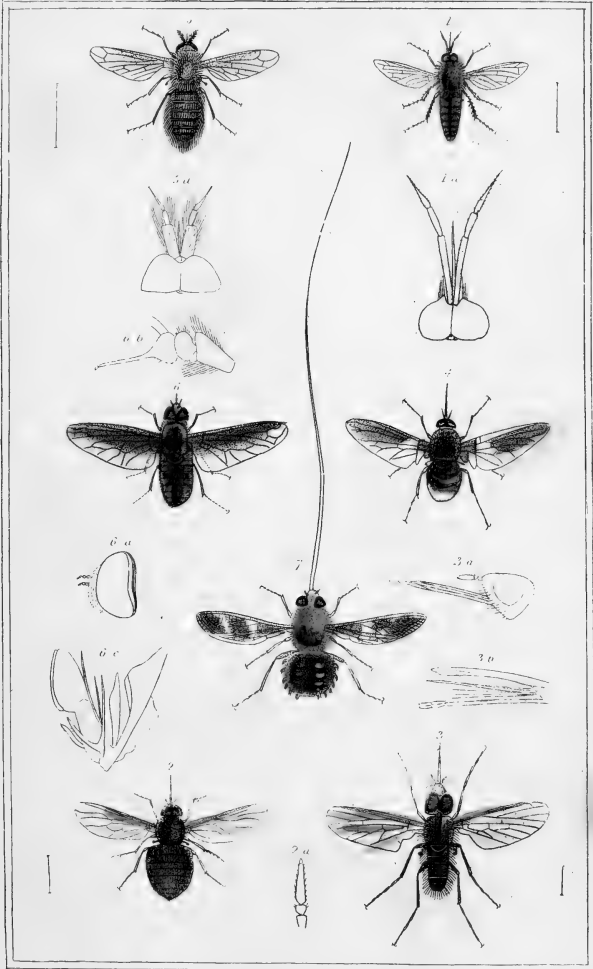




1. *Laphria hirticornis*. Guér. 2. Anatomical details of the *Laphria nigra*. Meig. 3. *Ommatius conopsoides*. Wied. 5. Antennæ of the *Dasygogon*. 6. *Uchob flavipes*. Meig. 7. *Rhamphomyia pennata*. Meig. 8. *Tachydromyia (sticus) arrogans*. Lin. 9. *Enops ocelliger*. Wied. 10. *Ogrodus gibbosus*. Meig. 4. Antennæ of the *Asilus*.

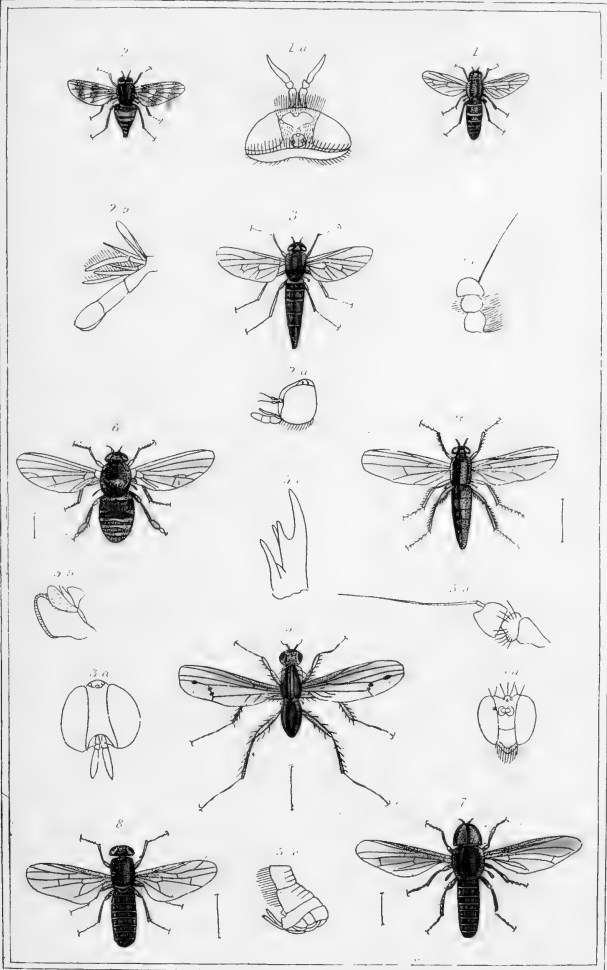
London: G. Henderson 2, Old Bailey.





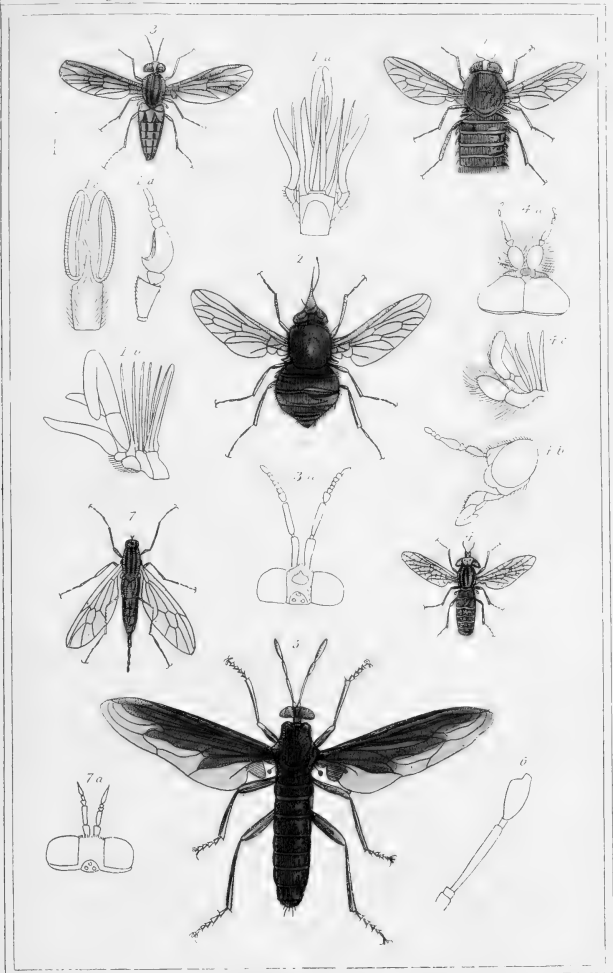
1. *Toxophora americana*, Serv. 2. *Usia ancea*, Lat. 3. *Phthiria pulicaria*, Meig. 4. *Bombylius tricolor*, Guér. 5. *Ploas lusitanica*, Guér. 6. *Authrax americana*, Guér. 7. *Nemesiina longirostris* Wied.





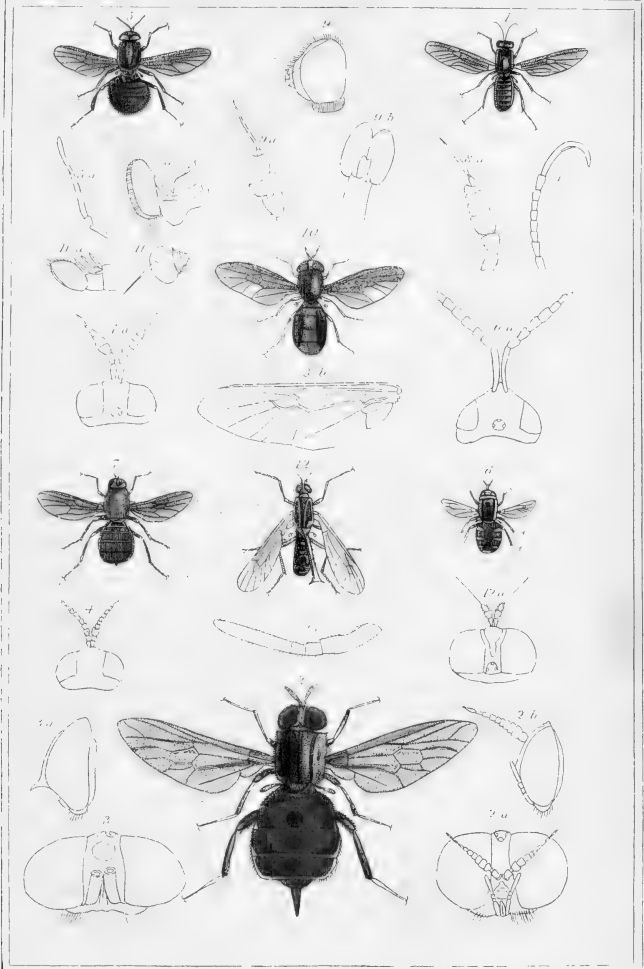
1. *Thereva confinis*, Meig. 2. *Atherix ibis*, Meig. 3. *Lepus Serrillei*, Guer. 4. *Dolichopus unguulatus*, Fab. 5. *Medeterus notatus*, Fab. 6. *Platypeza sophia*, Lepel. 7. *Pipunculus campestris*, Meig. 8. *Scenopius fenestralis*, Fab.





1. *Tabanus latus* Guer. 2. *Pangonia nymphenis* Guer. 3. *Chrysops molestus* Guer. 4. *Hematopota lustranica* Guer. 5. *Mydas bonariensis* Serv. 6. Antenna of the *Cephalocera* Serv. 7. *Chironomyza vittata* Wied.





1. *Hermetia singularis* Guer. 2. *Acanthomera Serrillei* Guer. 3. Head of the *Acanthopiera*, Weid. 4. Head of the *Beris*. 5. *Cyphomyia auriflamma* Wied. 6. *Stratiomys coronata* Serr. an. ber! 7. *Ephippium thoracicum* Lat. 8. Anatomical details of the *Oxyera*. 9. Anatomical details of the *Sargus Reaumuri* Moig. 10. *Chrysochloa hirticornis* Weid. 11. Anatomical details of the *Vappo*. 12. *Dieranophora fuscifera* Wied.

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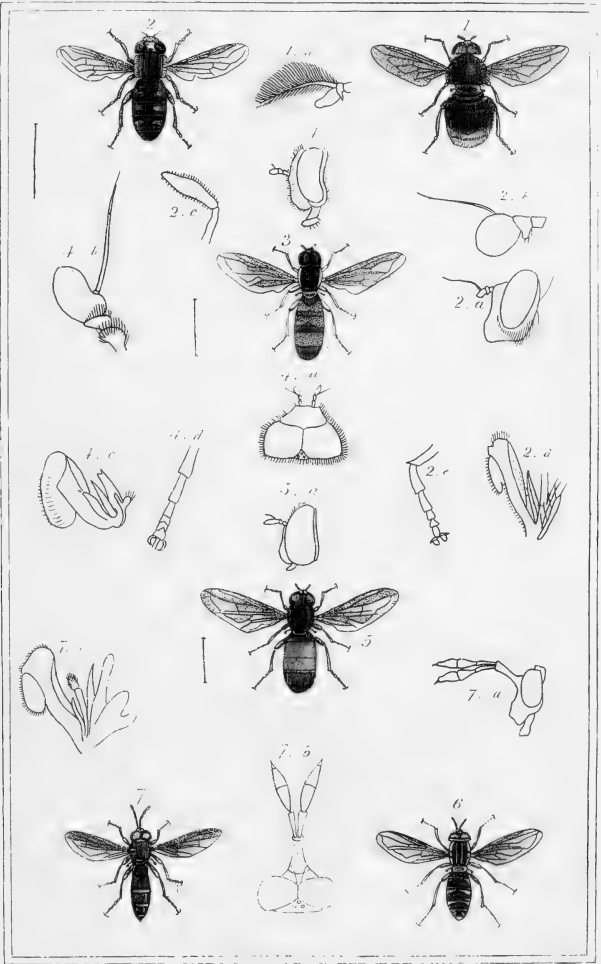
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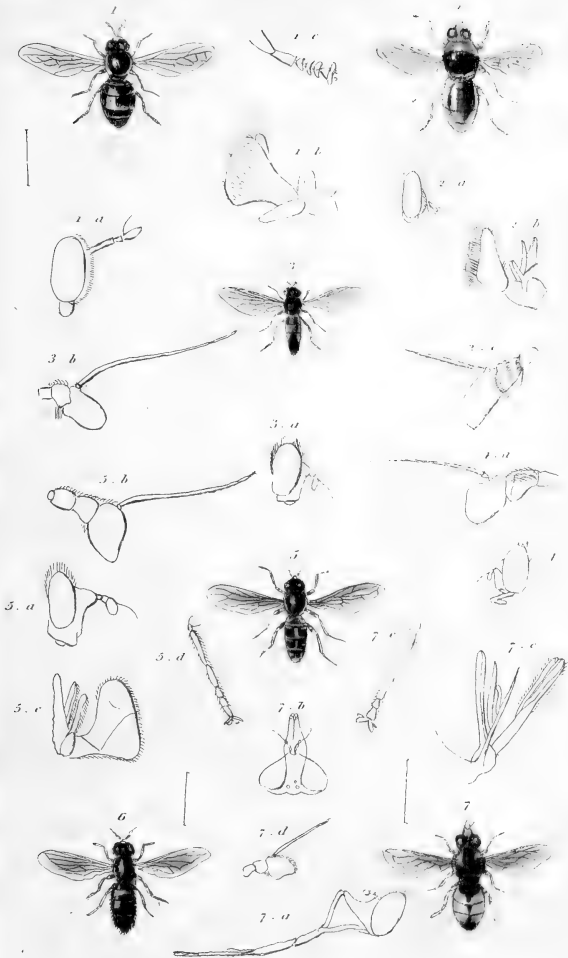
廉

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1. *Volucella bombylans*, May. 2. *Helophilus sibiricus*, Guér. 3. *Syrphus senegalensis*, Guér. 4. Anatomical details of the *Syrphus* (scarcely anterior, curl). 5. *Paragus bicolor*, Lat. 6. *Chrysotoxum armatum*, May. 7. *Cera Conopsoides*, May.

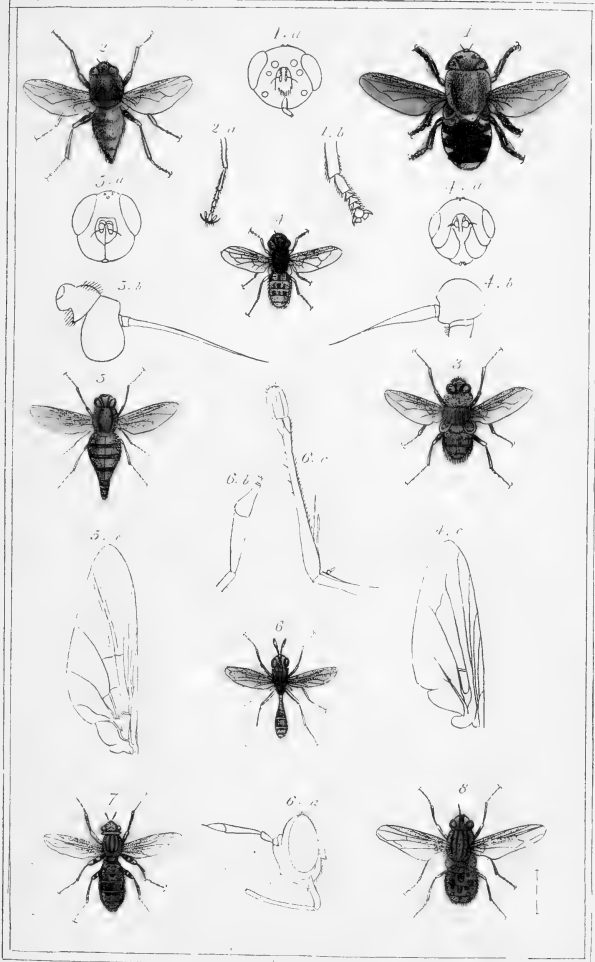




1. *Aphritis apiformis* de Ger. 2. *Merodon equestris*. Meig. 3. *Xylota segnis*. L. 4. Head of the *Tropidia* 5. *Milesia speciosa*. Fab. 6. *Pipiza fasciata*. Meig. 7. *Rhingia campestris*. Meig.

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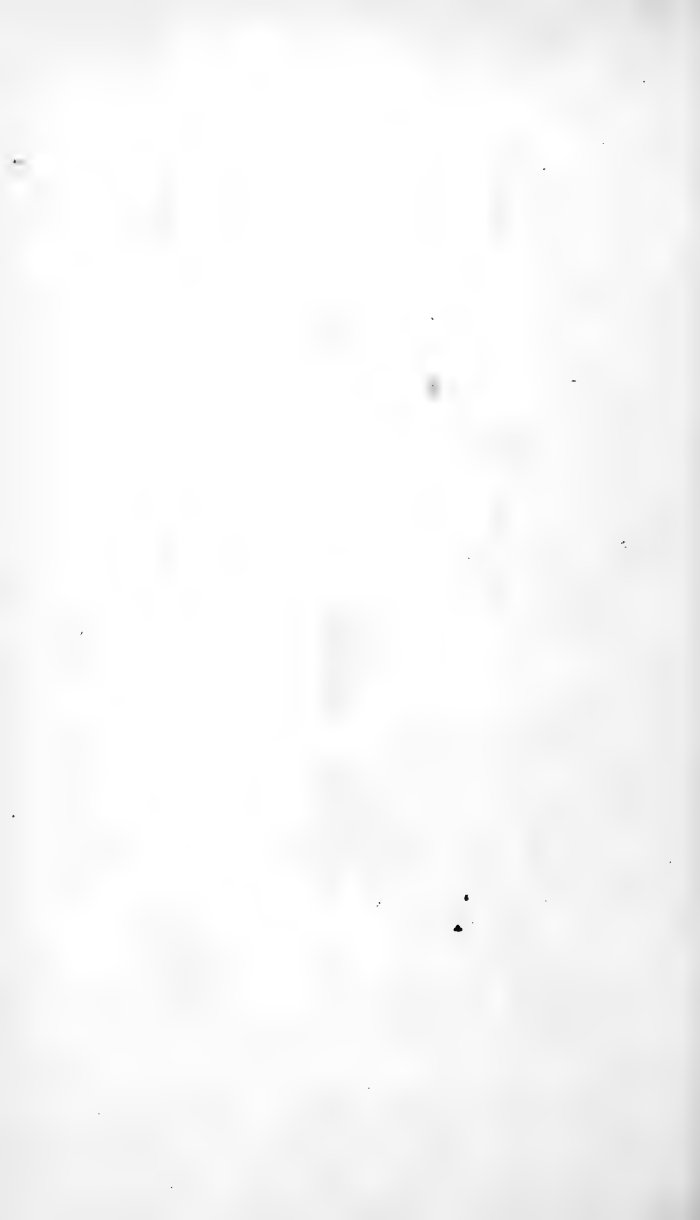
1 *Cuterebra apicalis*, Guer. 2. *Edemageña tarandi*, L. 3. *Hypoderma bovis*, F. 4. *Cephalemia vis*, L. 5. *Estrus equi*, L. 6. *Conops rufipes*, F. 7. *Myopa variegata*, Meig. 8. *Stomoxys calcitrans*, L.

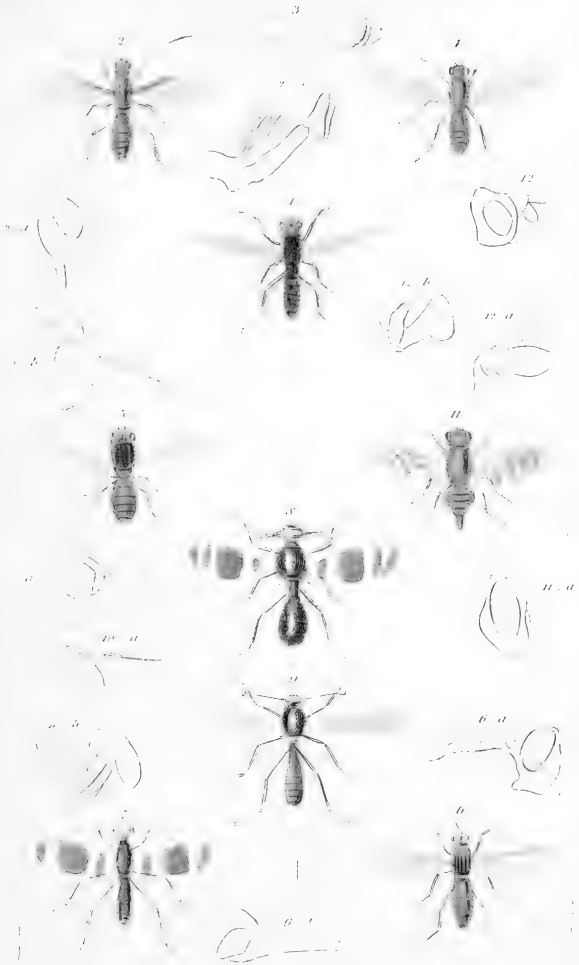


1. *Echynomyia grossa*. Fab. 2. *Cynnosoma rotundata*. Fab. 3. *Miltoigramma punctata*. Meig. 4. *Phasia brachyptera*. Meig. 5. *Lucilia mirabilis*. 6. *Calliphora vomitoria*. L. 7. Head of the *Achias ocellatus*. 8. *Lispe tentaculata*. Meig. 9. *Anthomyia pluvialis*. L. 10. *Ephydra rufitarsis*. Meig.

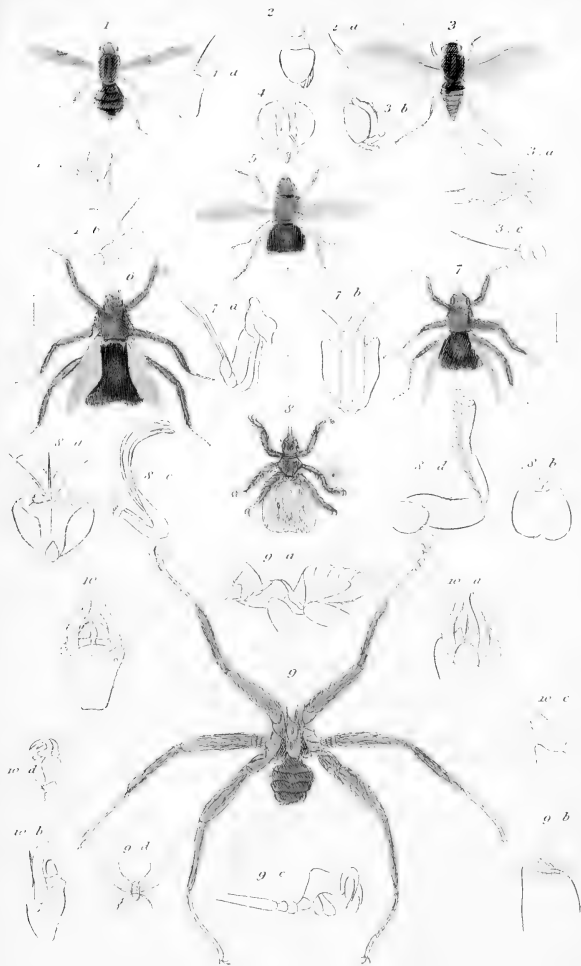
11. Anatomical details of the *Ephydra Spilota*. Hal.

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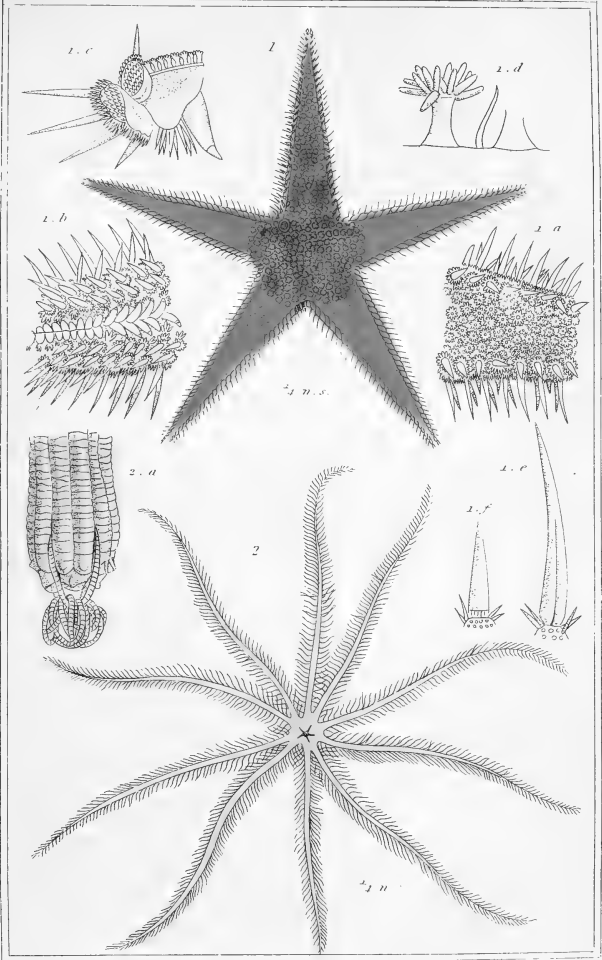


1. *Thyreophaga cynophila*. *Don.* 2. *Scatophaga Stercoraria* L. 3. *Antenna* of the *Spharocera*
 4. *Supromyza brunneitarsis*. *Macq.* 5. *Osciniis chlorops thypostigma*. *Meig.* 6. *Sepedon spha-*
geus. *Lab.* 7. *Calobata [ornoptera] conficeps*. *Garr.* 8. *Diopsis fasciatus*. *Garr.* 9. *Diopsis atric-*
apillus. *Garr.* 10. *Anatomical details of the Sepsis annulipes*. *Meig.* 11. *Tephritis obliquata*
 12. *Anatomical details of the Tephritis coronata*. *Lab.*



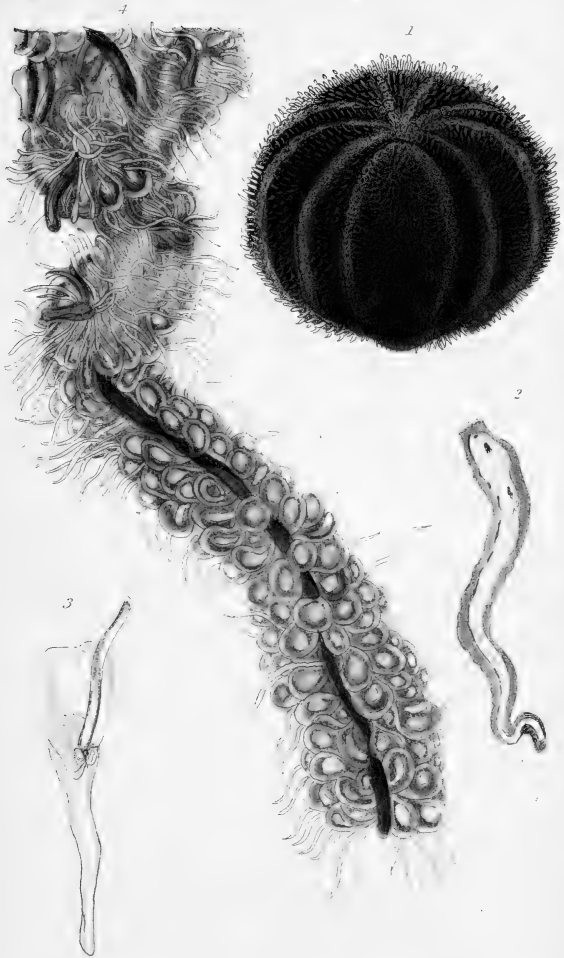
1. *Platystoma larta*. Guér. 2. *Celyphus obtectus*. Dalm. 3. *Phora abdominalis*. Fall. 4. Anatomical details of the *Hyppobosca equina*. L. 5. *Ornithomyia chilensis*. Guér. 6. *Anapera tangerii*. Guér. 7. *Stenopteryx hirundinis*. Leach. 8. *Melophagus ovinus*. L. 9. *Nycterybia Westwoodii*. Guér.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





1. *Asterias aurantiaca*. Lin.

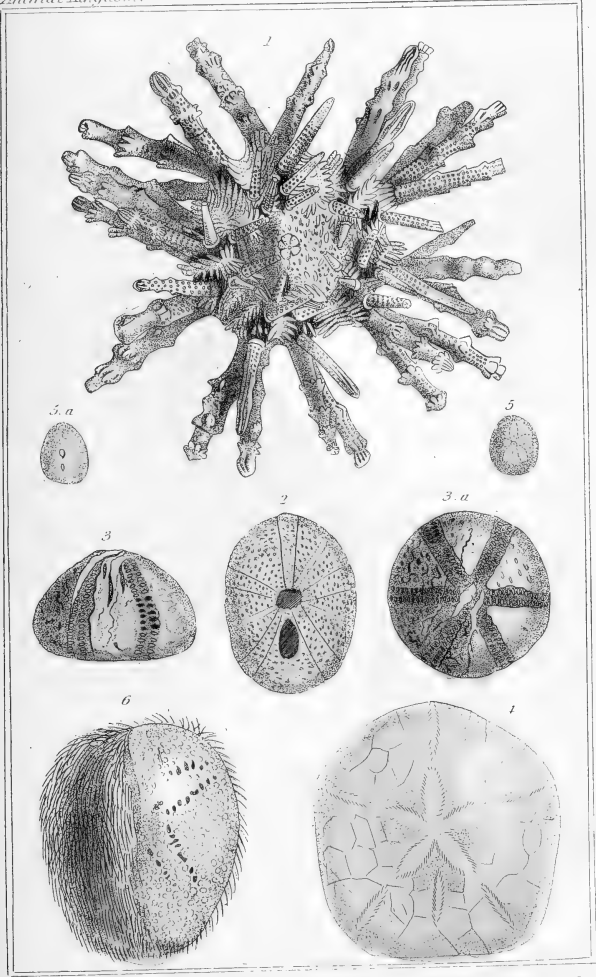
2. *Comatula corinata*. Lam.



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

4. *Stephanomia uvaria*, Les

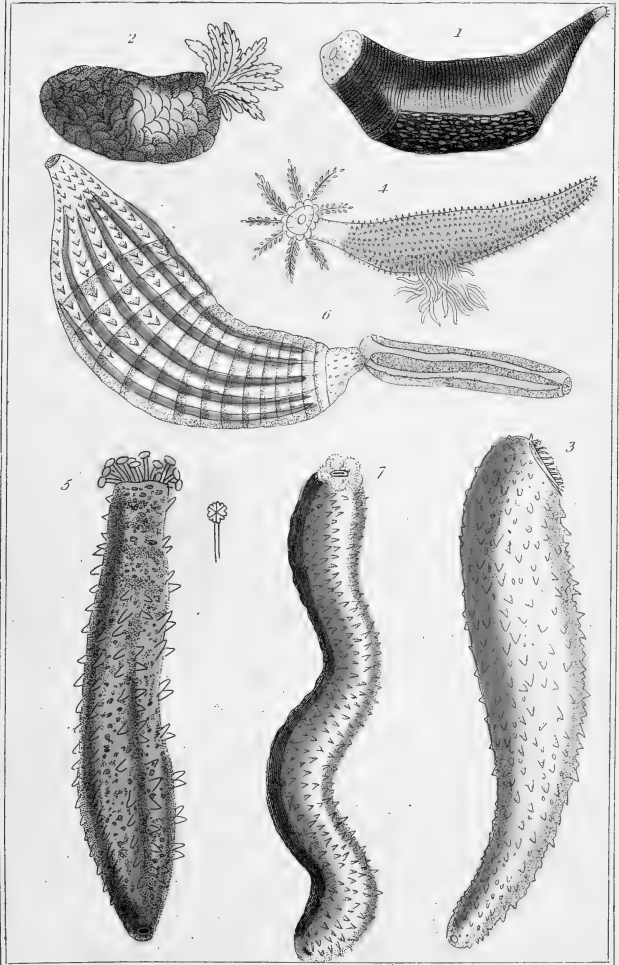




1 *Echinus verticillatus*. Lam. 2. *Echinopus semilunaris*. Lam. 3. *Galerites serfasciatus*. Lam.
4. *Scutella hexapora*. Lam. 5. *Fibularia ovulum*. Lam. 6. *Spatangus pilosus*. Val.

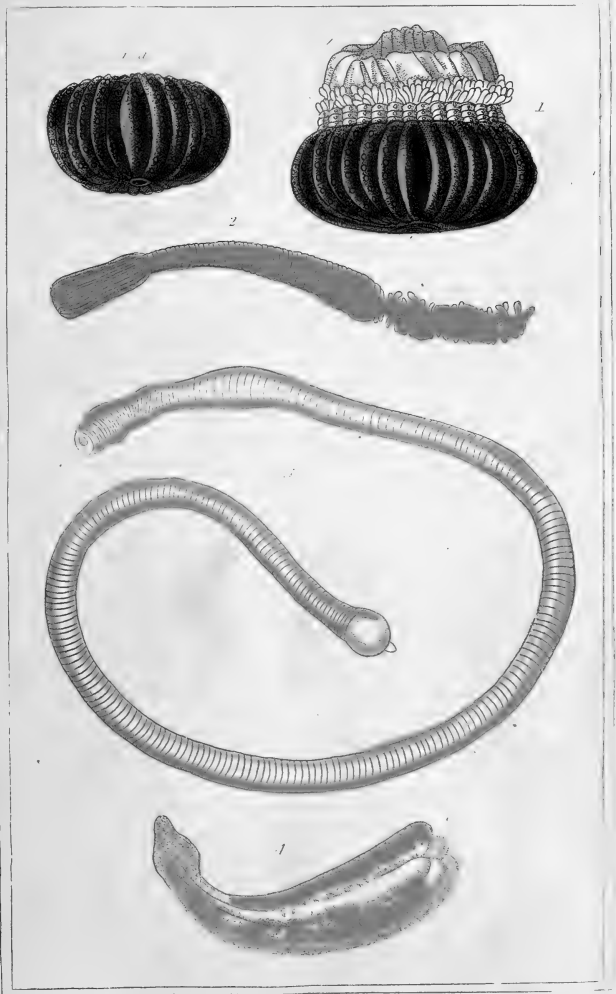
London. G. Henderson. 2 Old Bailey



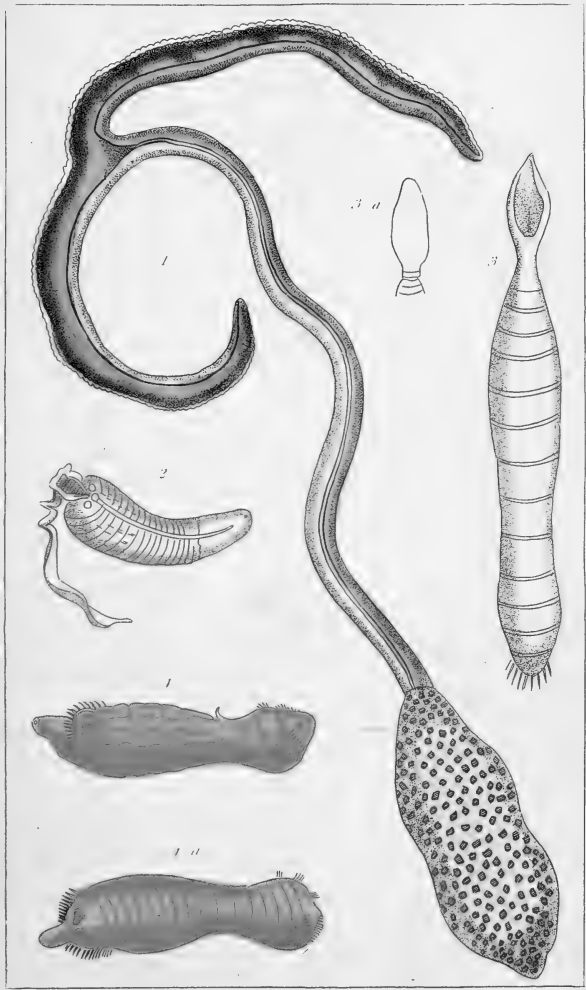


1. *Holothuria phantopus*. Lin. Mull. 2. *Holothuria squamata*. Mull. Cav. 3. *Holothuria elegans*. Mull. Cav. 4. *Holothuria fusus*. Mull. 5. *Holothuria cucumer*. Risso. 6. *Holothuria caecuri*. Less. 7. *Holothuria echilis*. Less.



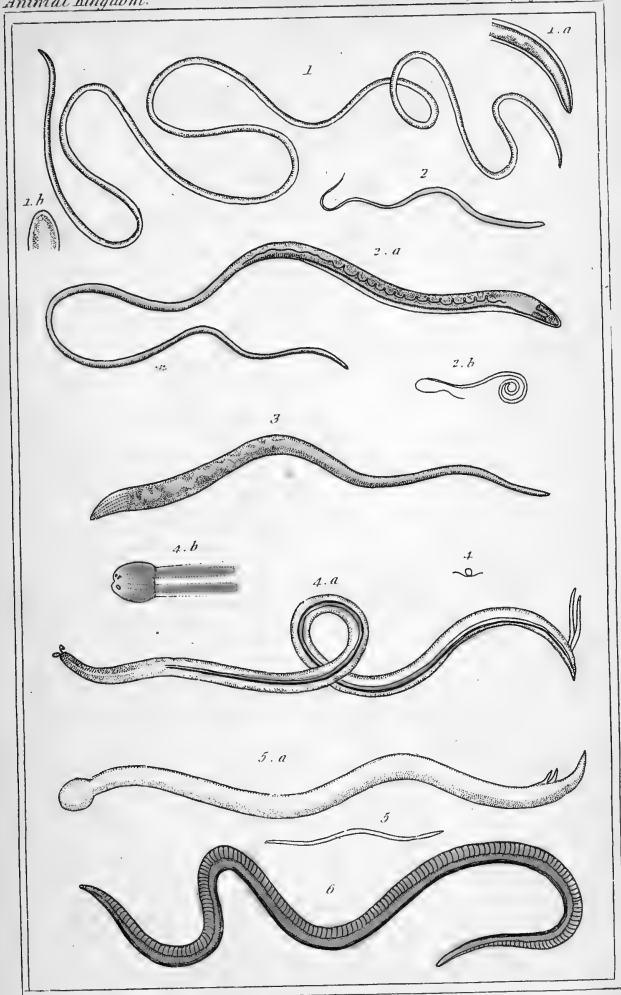


1. *Miyas cyanea*. 2. *Fripula caudata*, Linn. / II. *Priapus*, Mull
3. *Sipunculus edulis*, Lillus. 4. *Sipunculus tigrinus*, Risø

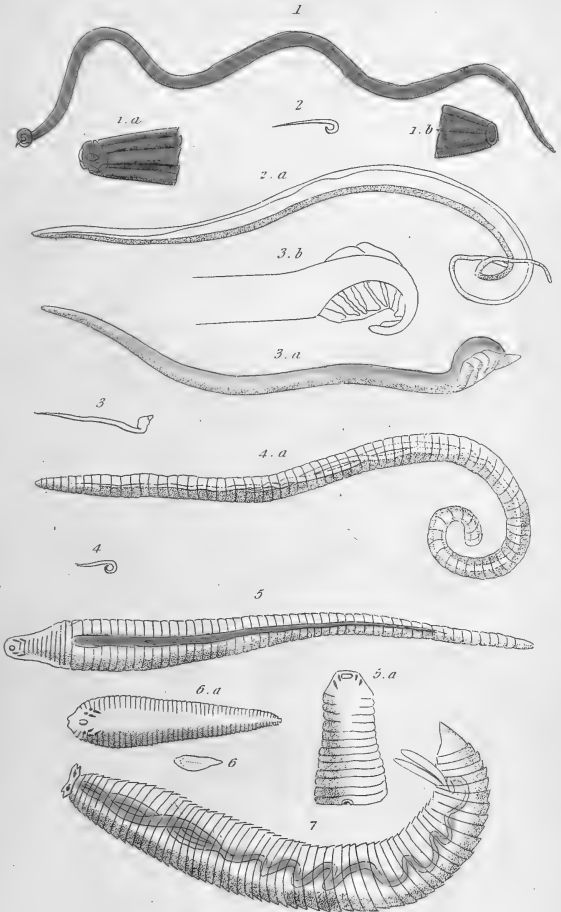


1. *Bonellia viridis*, Pol. 2. *Thalassema neptuni* Gertner. (*L. Thalassema*, Pallas)
 3. *Echiurus Pallasii*, Seb. (*L. Echiurus*, Gm. Pallas) 4. *Sternaspis thalassemicides*, Cho.

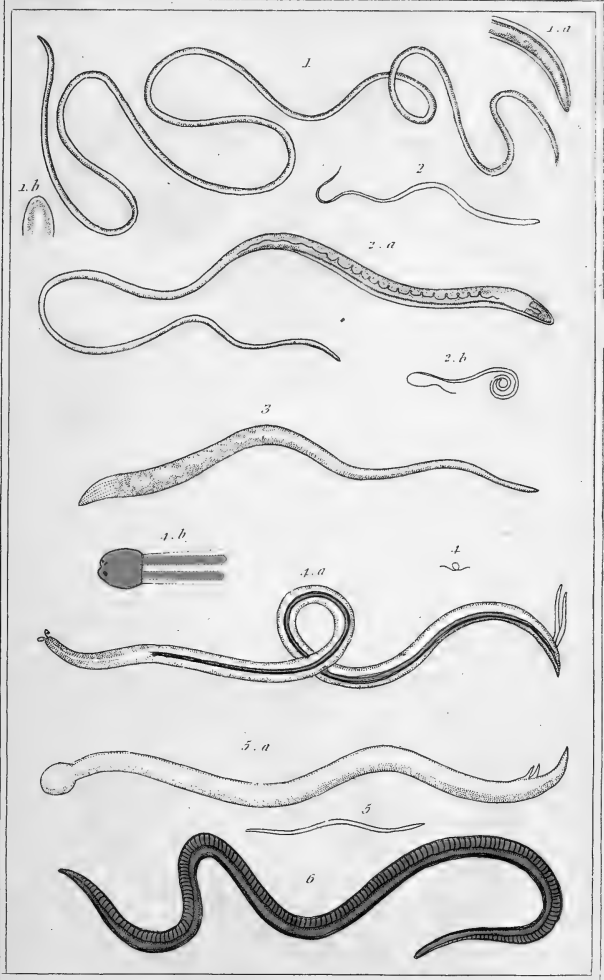




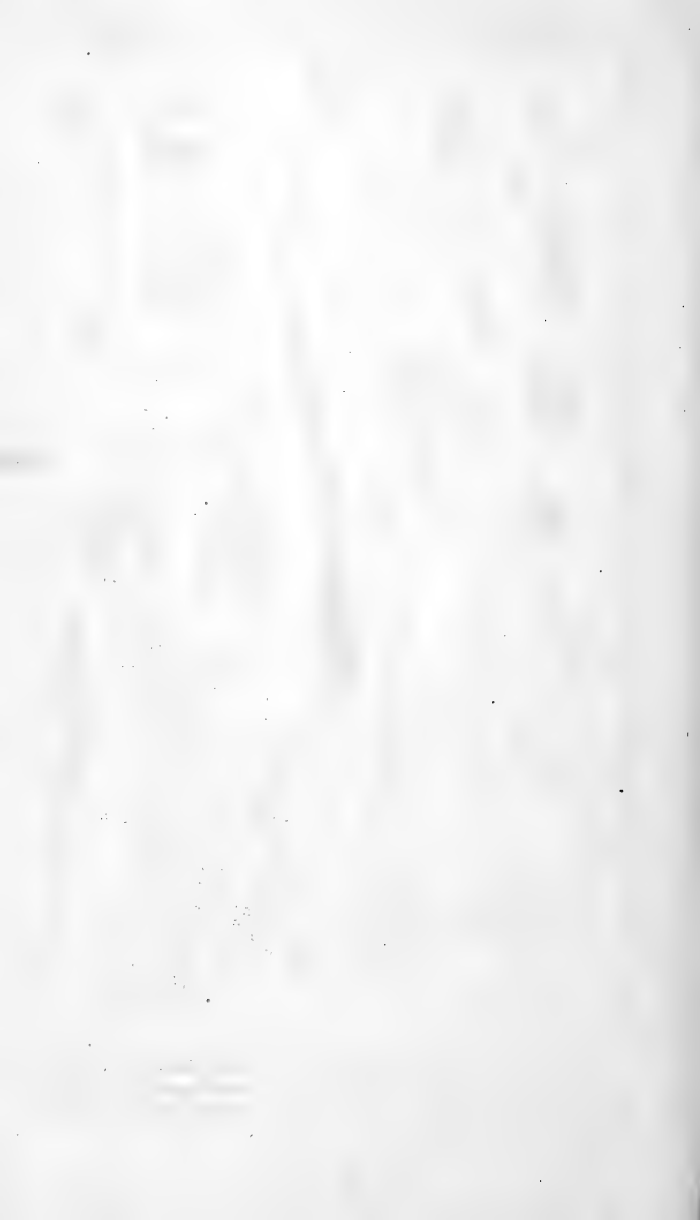
1. *Filaria medinensis*. *bm*. 2. *Trichocephalus dispar*. *Rud.* 3. *Oxyuris curvula*. *Rud.* 4. *Cucullianus elegans*. *Rud.* 5. *Ophiostoma sphaerocephala*. *Rud.* 6. *Ascaris lumbricoides*. *L.*

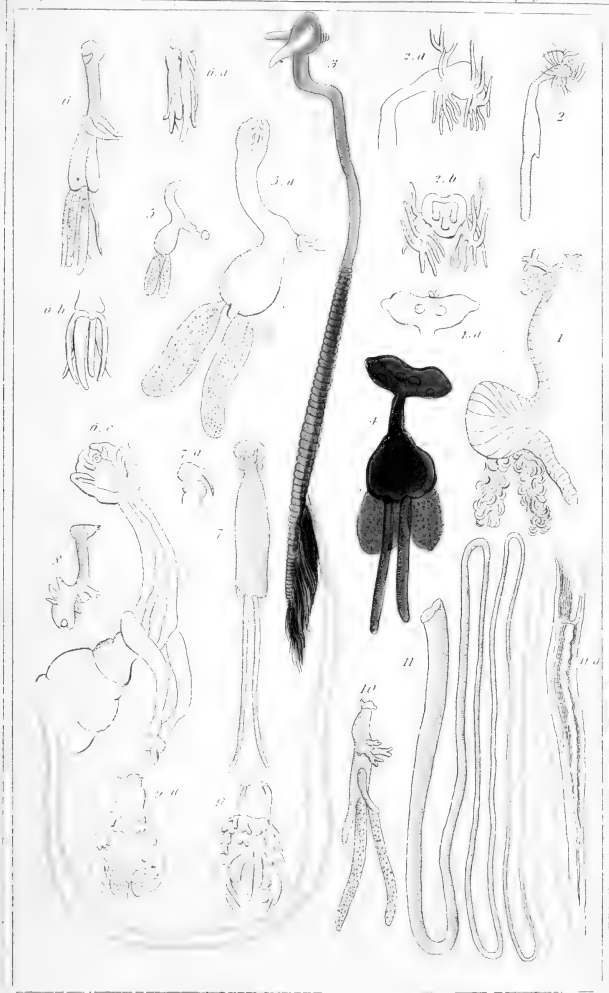


1. *Strongylus gigas*. Rud. 2. *Spiropterus stornyulinus*. Rud. 3. *Physalopterus clausus*. Rud.
 4. *Liorhynchus denticulatus*. R. 5. *Linguatula tenuoides*. R. 6. *Linguatula*. (Cuv. notes)
 7. *Primoderma ascaroides*. Rud.



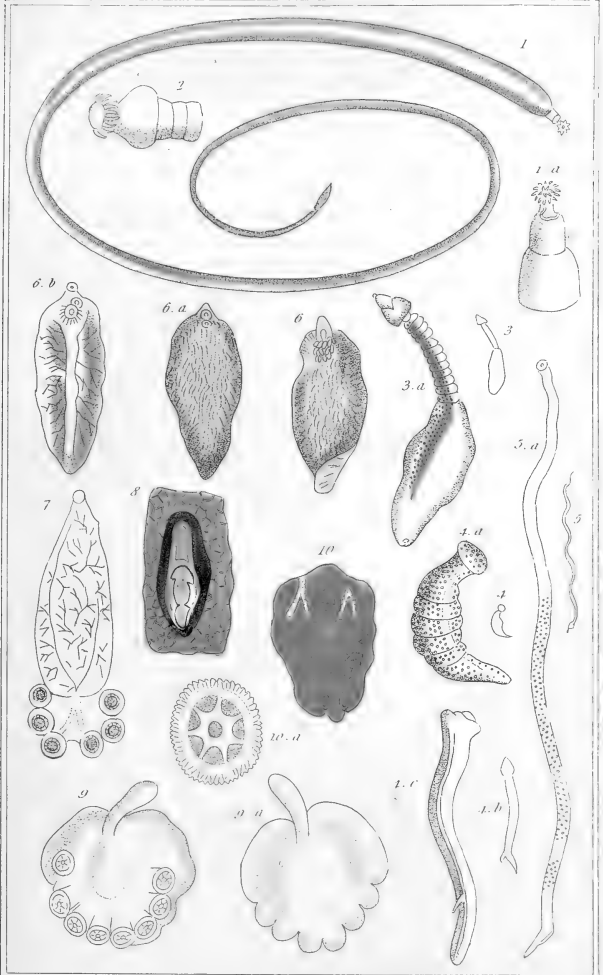
1. *Filaria medinensis*. *Wm.* 2. *Trichocephalus dispar*. *Rud.* 3. *Oxyurus curvula*. *Rud.* 4. *Curullanus elegans*. *Rud.* 5. *Ophiostoma sphaerocephala*. *Rud.* 6. *Ascaris lumbricoïdes*. *L.*



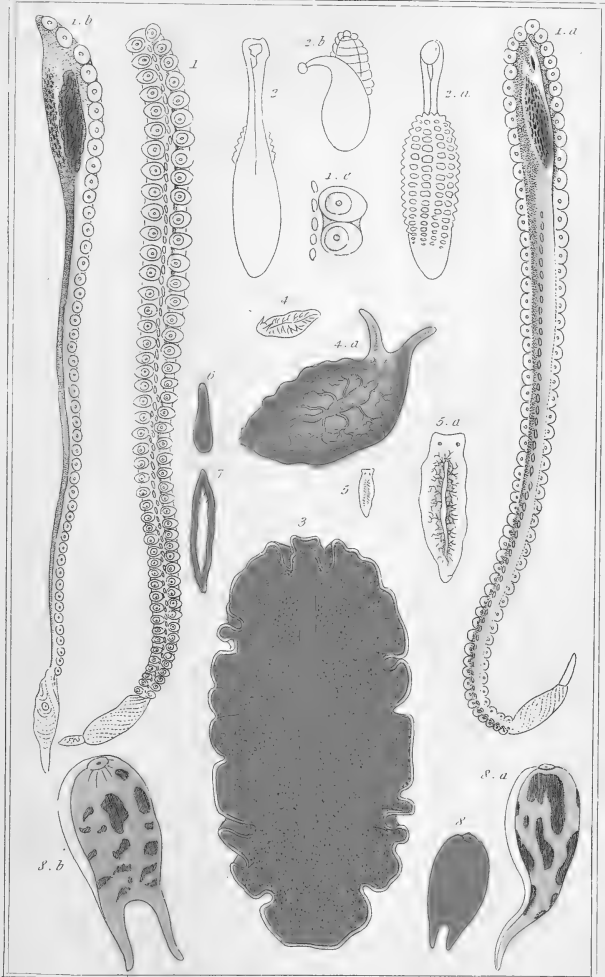


1. *Lernæa branchialis*. Linn. 2. *Lernæa multicornis*. Gv. 3. *Penella filosa*. Gmel. 4. *Splyrian levigatus*. Gv. (Gey & Geym. 5. *Anchorella lagenula*. Gv. 6. *Brachiella thymii*. Gv. 7. *Clavella hippoglossi*. Gv. 8. *Condracanthus trible*. Gv. 9. *Condracanthus zet. Laroche*. 10. *Condracanthus xyphiæ*. Gv. 11. *Nemertes Berlesii*. Gv.

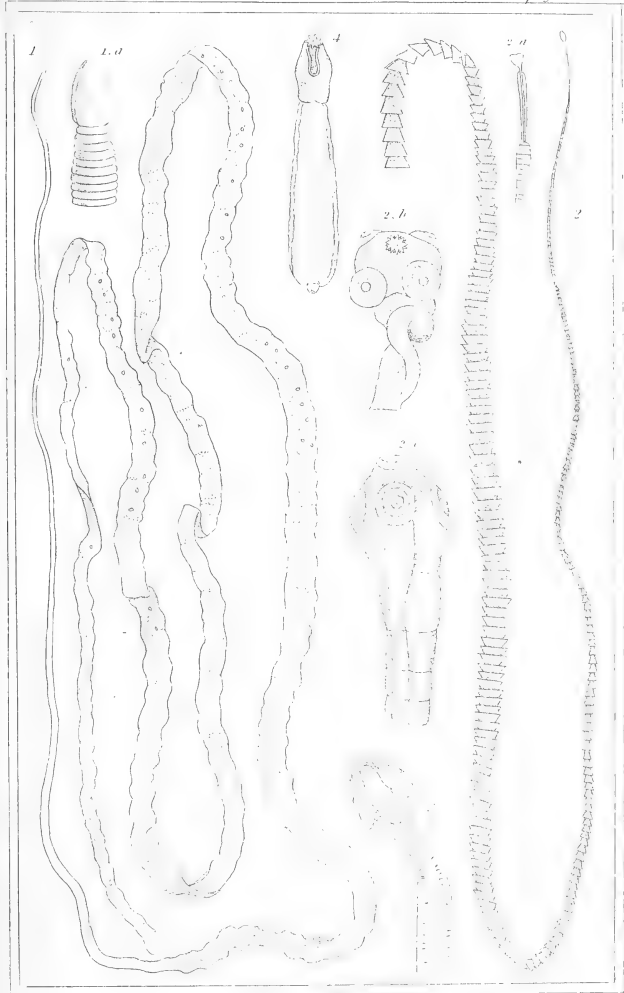




1. *Echinorhynchus gigas*. Gm. 2. *Haruca muris*. Gm. 3. *Anuphistoma longicollis*. Bl. 4. *Caryophyllaeus mulabilis*. Bl. 5. *Monostoma*. Bl. 6. *Fasciola hepatica*. L. 7. *Polystoma integerrimum*. Rud. 8. *Polystoma pingui-colu*. 9. *Cyclocotyles Bellones*. (Ow. 10. *Tristoma loccineum*.



1. *Hectocotile octropodis*. 2. *Aspidogaster couchicola*. Baer. 3. *Planaria aurantiaca*. Risse. 4. *Planaria cornuta*. Mull. 5. *Planaria lactea*. Mull. 6. *Frostoma clypsinoides*. Duges. 7. *Berostoma nectops*. Duges. 8. *Vertumnus thetadicola*. Cte.



1. *Tenia latic*. *Bul. Cur.* 2. *Tenia solium*. *Linn. Cur.* 3. Head of the *Bothyoccephalus coronatus*. *Bl.*

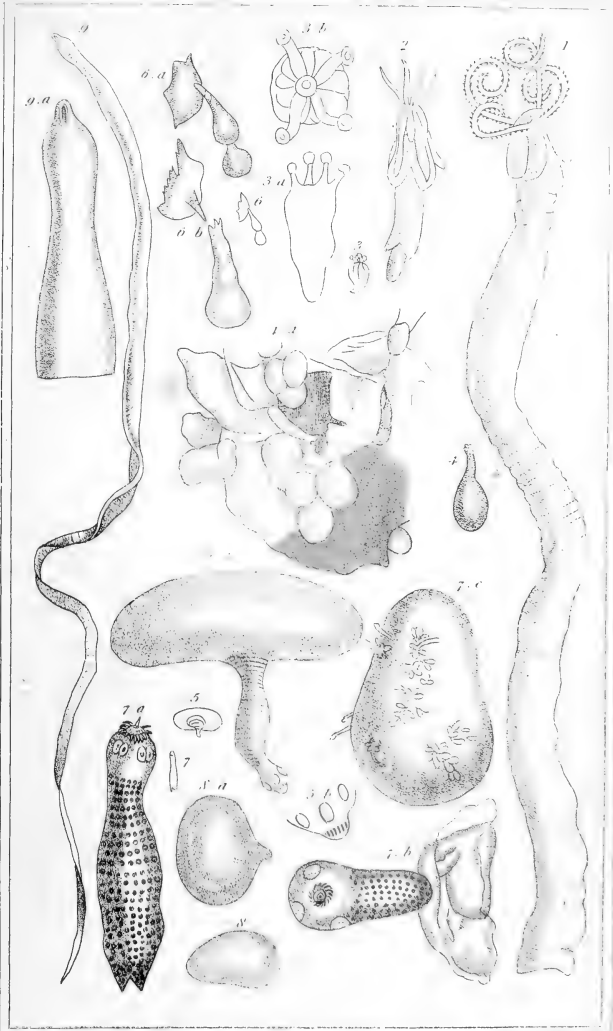
1. *Bothyoccephalus lepidopteri*. *Bl.*

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

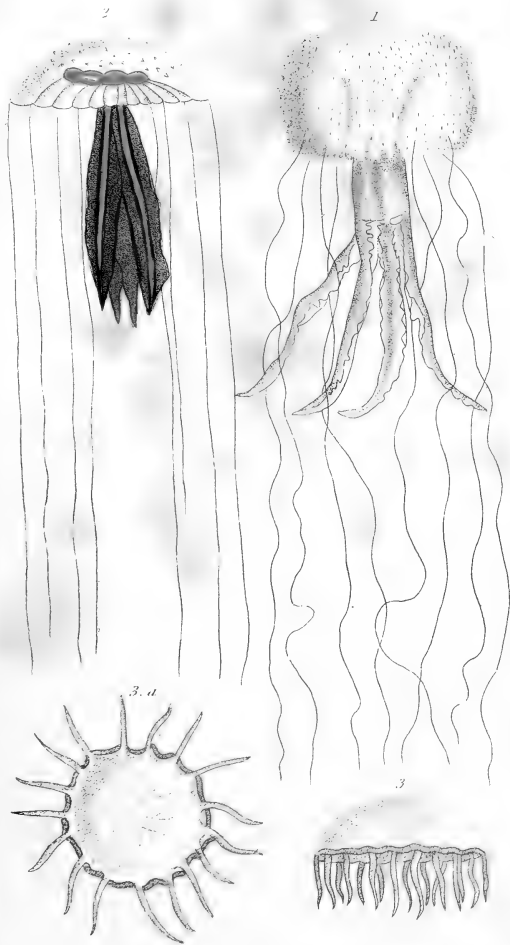
In the second section, the author outlines the various methods used to collect and analyze the data. This includes both primary and secondary data collection techniques. The analysis focuses on identifying trends and patterns over time, which is crucial for making informed decisions.

The third part of the report details the challenges encountered during the data collection process. These include issues related to data quality, such as missing values and inconsistencies. The author provides strategies to address these challenges and ensure the integrity of the dataset.

Finally, the document concludes with a summary of the findings and recommendations. It suggests that regular audits and updates to the data collection process are necessary to maintain the accuracy and relevance of the information.



1. *Floriceps corollatus*. 2. *Tetrahynchus lingualis*. 3. *Tentacularia Boscii*. 4. *Cysticercus pisciformis*. 5. *Cysticercus finna*. Blum. 6. *Acrostoma annu*. Lesour. 7. *Cnemrus cerebri*. Gu. 8. *Echinococcus*. 9. *Ligula simplicissima*. Bl.



1. *Pelagia panopyra*. Lam. 2. *Cyanea Lubiche*. Quoy & Gaim.

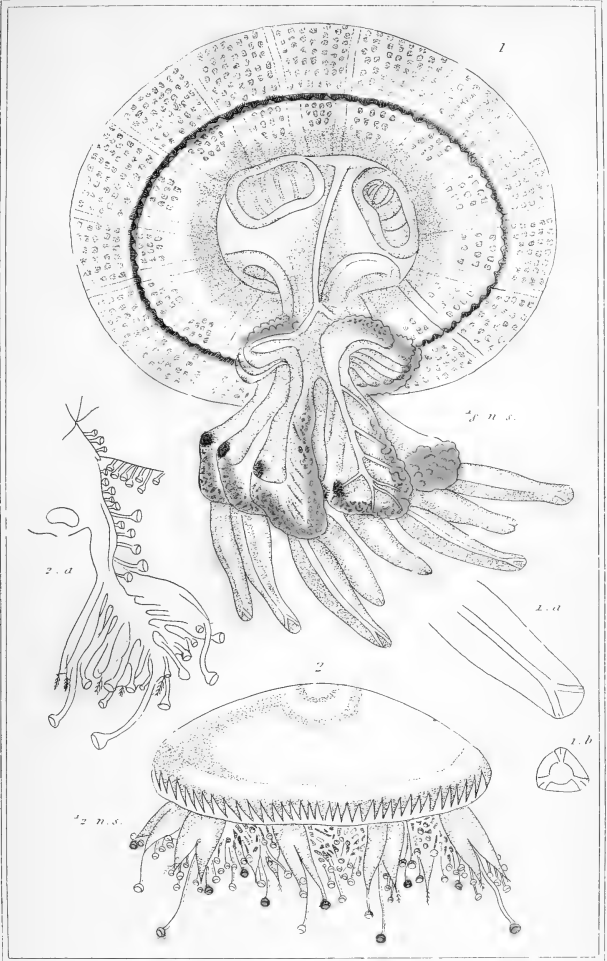
3. *Euporva cyanogramma*. Quoy & Gaim.

The first part of the report
 discusses the general situation
 and the progress made during
 the year. It also mentions
 the various projects and
 the results achieved. The
 second part of the report
 deals with the financial
 aspects of the work, and
 the third part contains
 the conclusions and
 recommendations for the
 future.

The following table shows
 the results of the various
 projects carried out during
 the year. It is divided into
 three columns: the first
 column contains the name
 of the project, the second
 column contains the amount
 of money spent, and the
 third column contains the
 results obtained.

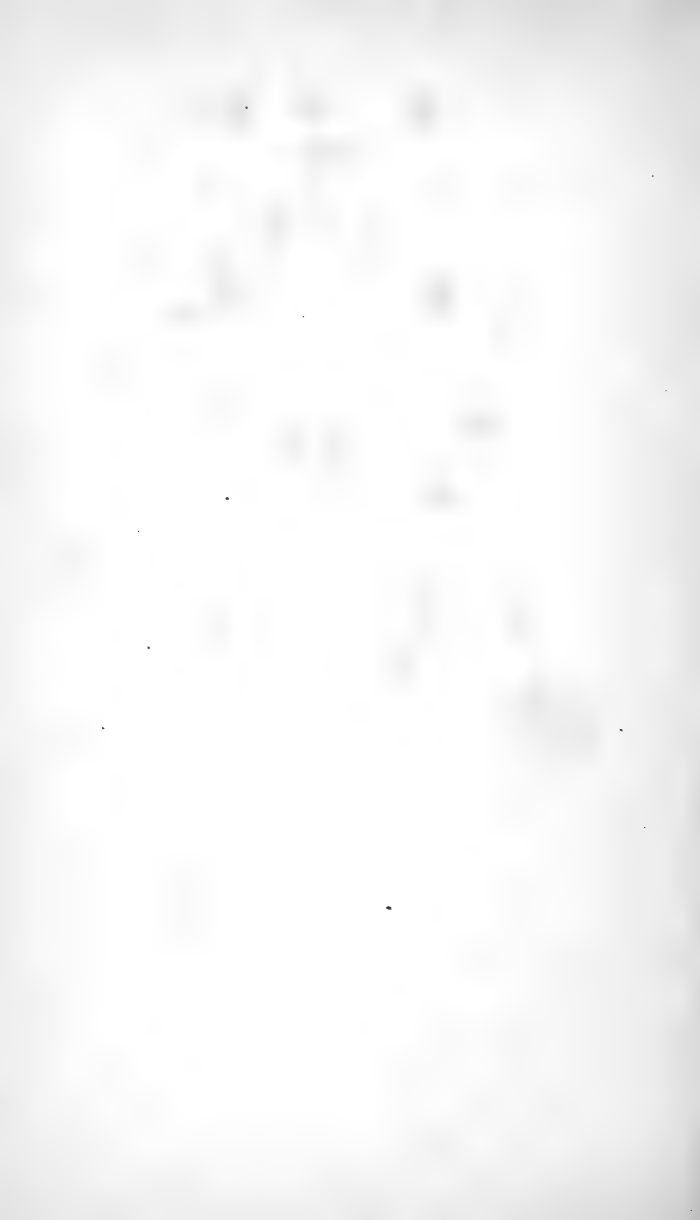
Project	Amount	Results
Project A	1000	1000
Project B	2000	2000
Project C	3000	3000
Project D	4000	4000
Project E	5000	5000

The total amount of money
 spent during the year was
 15000, and the total
 amount of money received
 was 15000.



1. *Rhizostoma abbreviati*, Bisso, from a drawing of M. Lacroix.

2. *Cassiopea borbonica*, Delectuac, Sav.

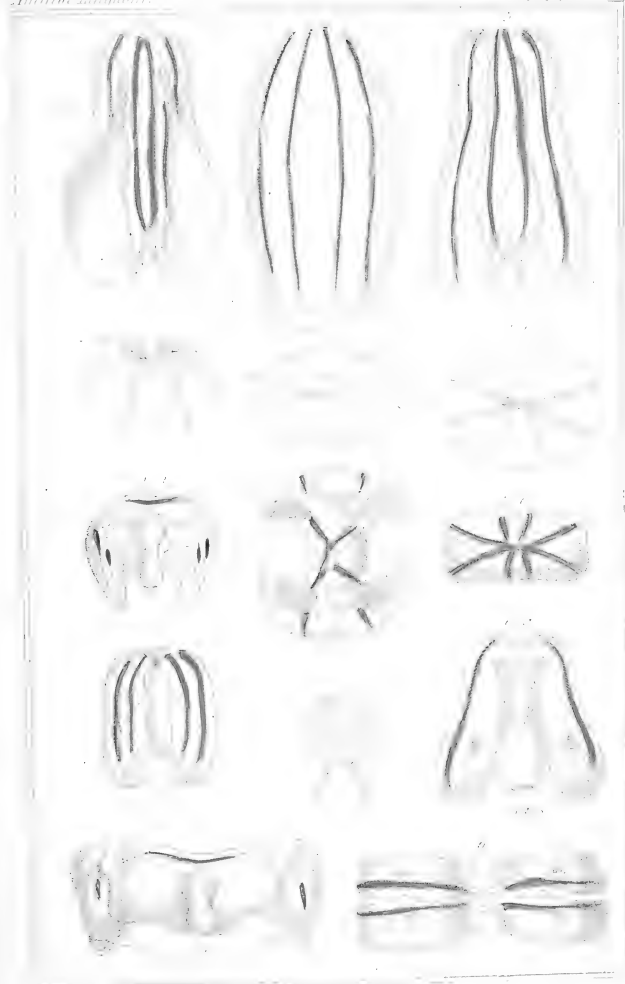




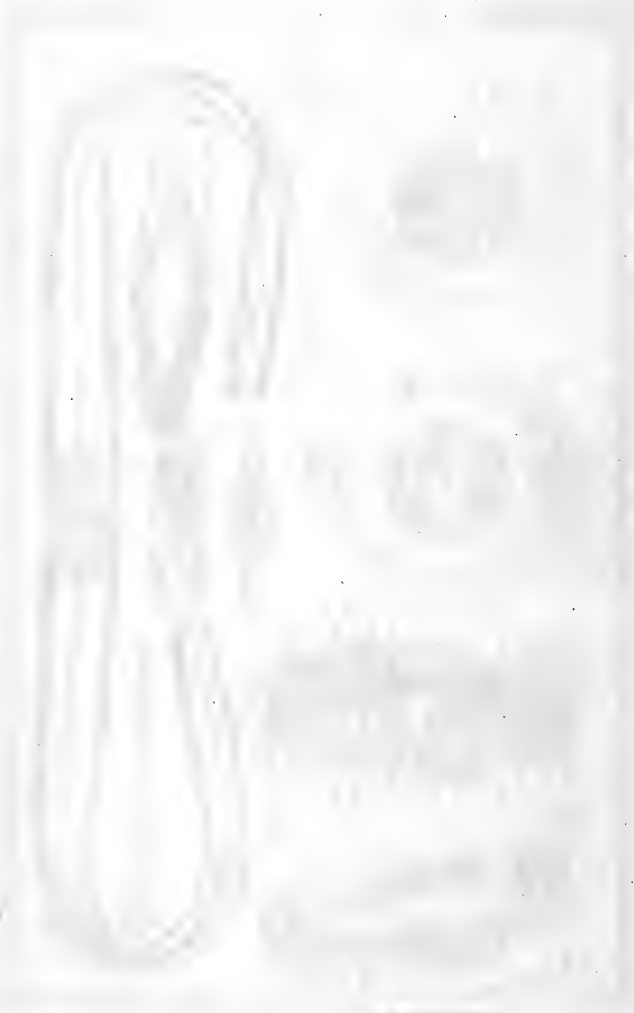
1 *Botrylloides* 2 *Geryonia probrascidalis*, Porsk.
3 *Cephlea papuensis*, Less.

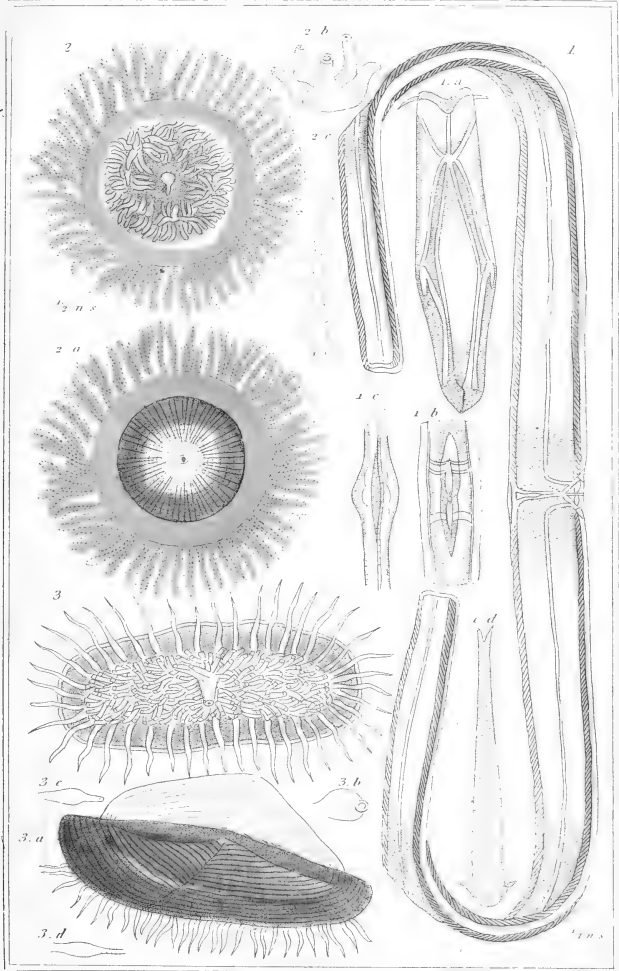
London & Henderson, 2, Old Bailey.





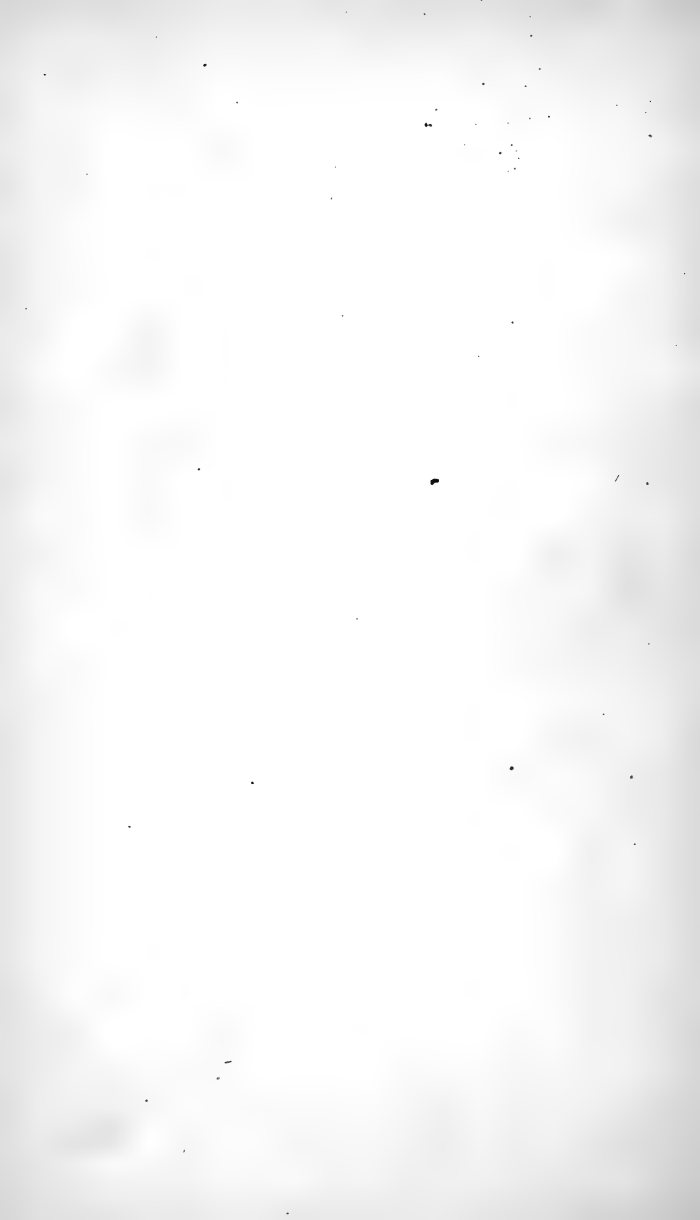
1. *Beroe pilous*, Gu. 2. *Beroe (Hyal) elenuthus*, Risø 3. *Beroe costata*, Ryn. 4. *Callianira*
incephala, Ryn. 5. *Alcinoe verniculata*, Rang. 6. *Ocyroe maculata*, Rang.

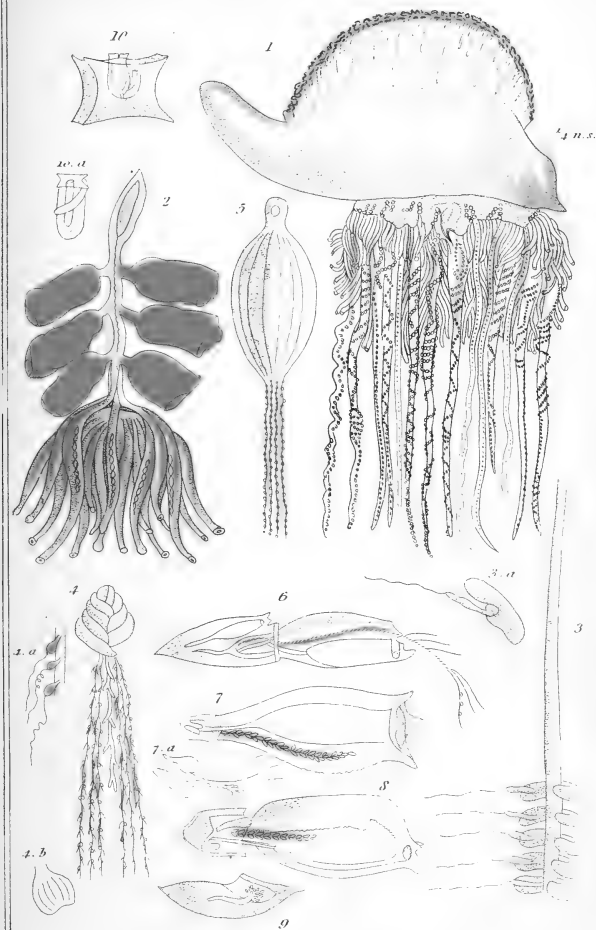




1. *Cestum veneris* Lessour. 2. *Porpita chrysoconia* Less.

3. *Veella limbosa* Lam.

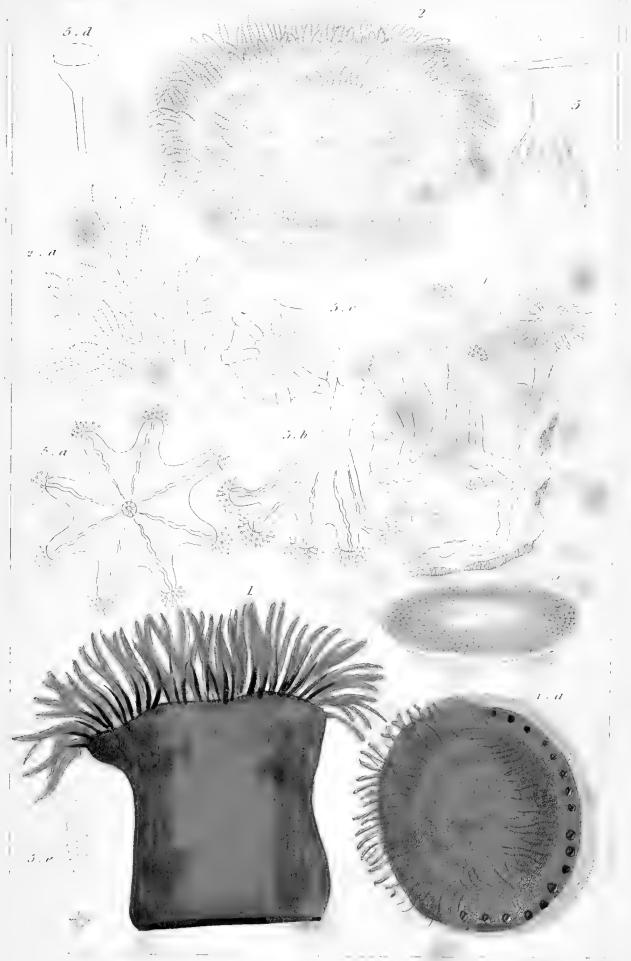




1. *Physalia atlantica*. Less. 2. *Physosiphora disticha*. Less. 3. *Physosiphora nicca*. Lour. 4. *Hippopodius luteus*. Quey & Gaym. 5. *Rhizophysa heliantha*. Quey & Gaym. 6. *Diphia dispar*. Dory. 7. *Calpe pentagona*. Quey & Gaym. 8. *Ahylla trigona*. Quey & Gaym. 9. *Cymba sagitta*. Quey & Gaym.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

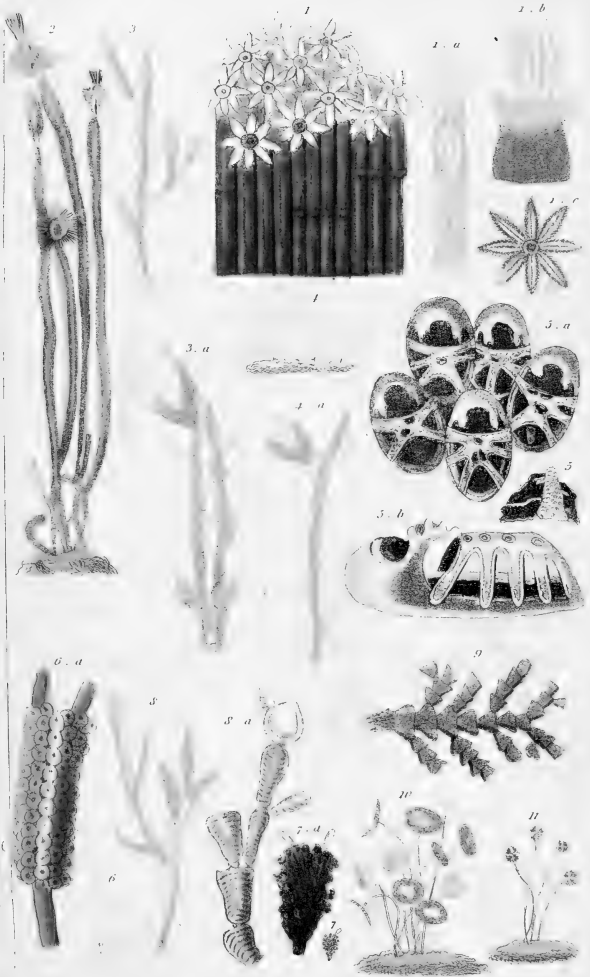
London. G. Hendersen. ? Old Bailey





1. *Actinia corallina*. Risso. 2. *Ptilassianthus aster*. Ruppel. 3. *Discosmus multiniformis*. Eup.
4. *Zoanthus sociatus*. Cav. 5. *Lucernaria capupumila*. Lamouroux.

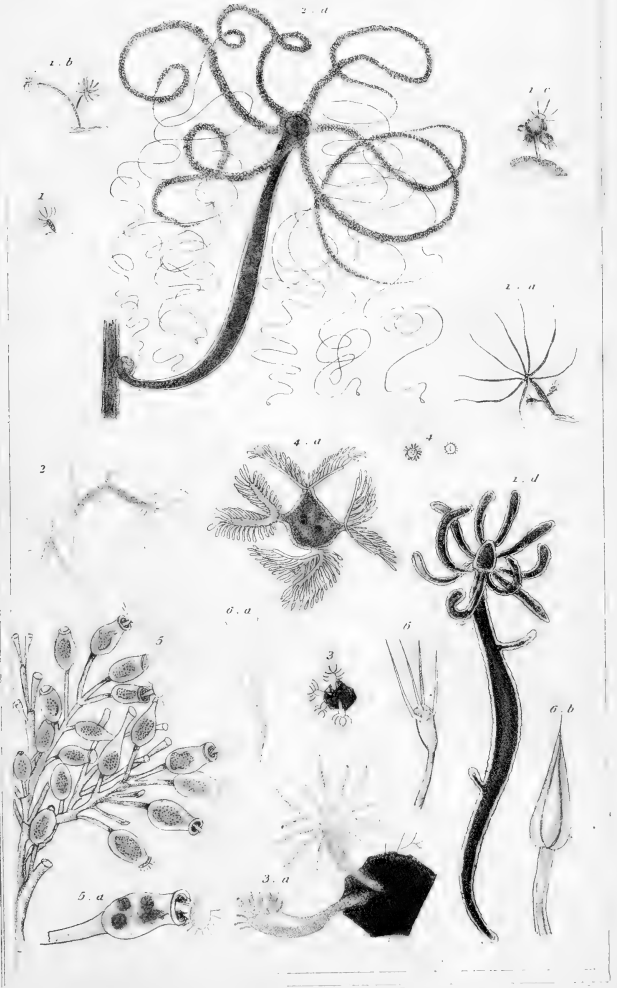




1. *Tubipora rubecola*. Quey. 2. *Tubularia indivisa*. Lam. 3. *Sertularia tamarindus*. Ellis. 4. *Eucratea cornuta*. Ellis 5. *Flustra Aragoi*. Exp. d'Eq. 6. *Cellepora pumicosa* Ellis. 7. *Tubulipora tubulosa* Gmel. 8. *Corralina officinalis*. Lin. 9. *Flabellaria epuntia*. Ellis. 10. *Acetabulum mediterraneum*.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

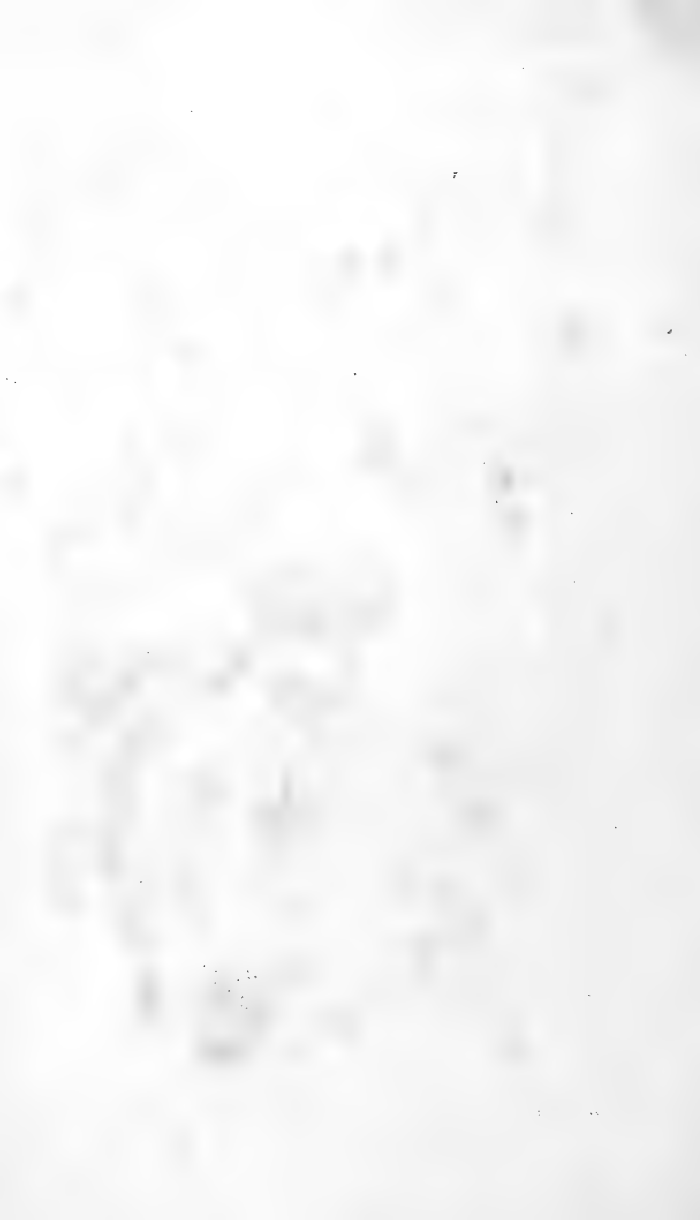
London: G. Henderson, 2, Old Bailey.

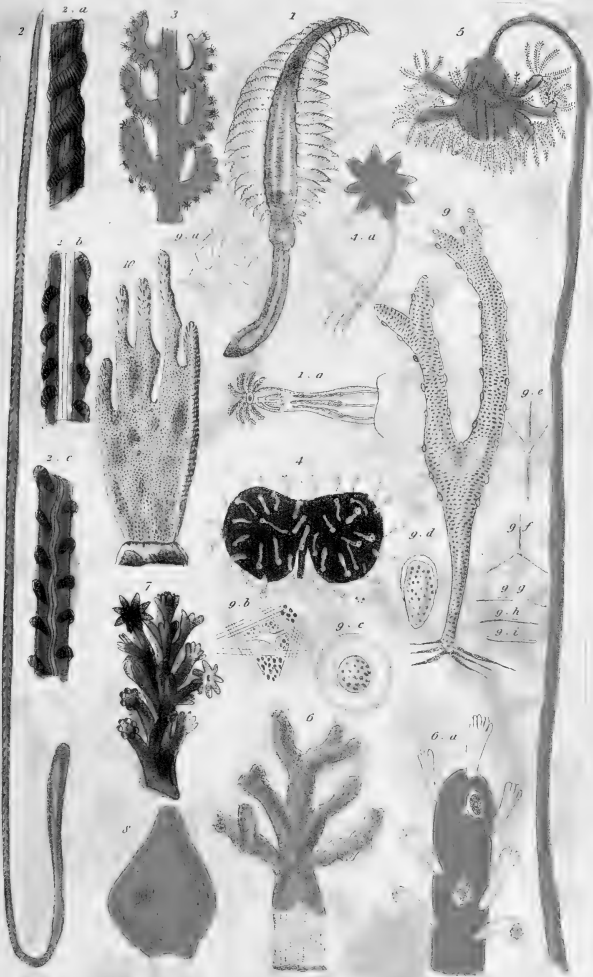




1. *Hydra viridis*. Trembl. Cuv. 2. *Hydra fusca*, Tr. Cuv. 3. *Coryna multicornis*. Forsk. Cuv. 4. *Cristaella mucedo*. Cuv. 5. *Vorticella opercularis*. Bory. Roesel. 6. *Pedicellaria tridens*. Mull. Cuv.

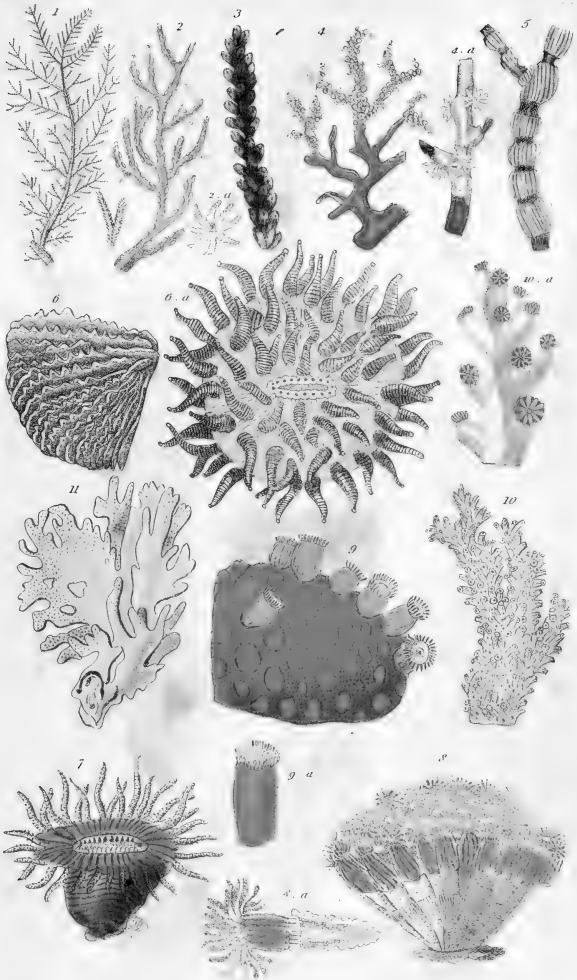
London, G. Henderson, 2. Old Bailey.





1. Pennatula grisea. Gmel. 2. Virgularia juncea. Pall. 3. a fragment of the Virgularia mirabilis. Mull. 4. Renilla violacea. Quoy. 5. Umbellutaria encrinus. Ellis. 6. Alcyonium aurantiacum. Quoy. 7. a large fragment of the Alcyonium ramosum. Quoy. 8. Thelyum tencurium. Marsigli. 9. Spongia oculata. Pallas. 10. Spongia manus. Bl



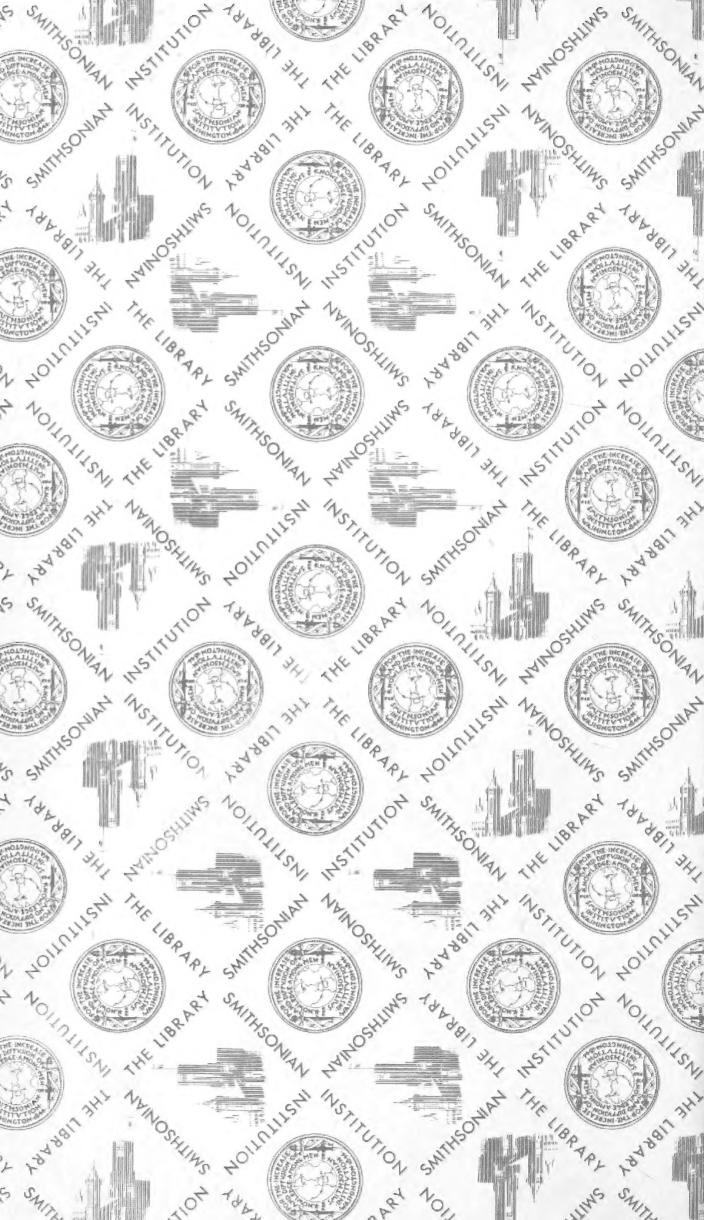


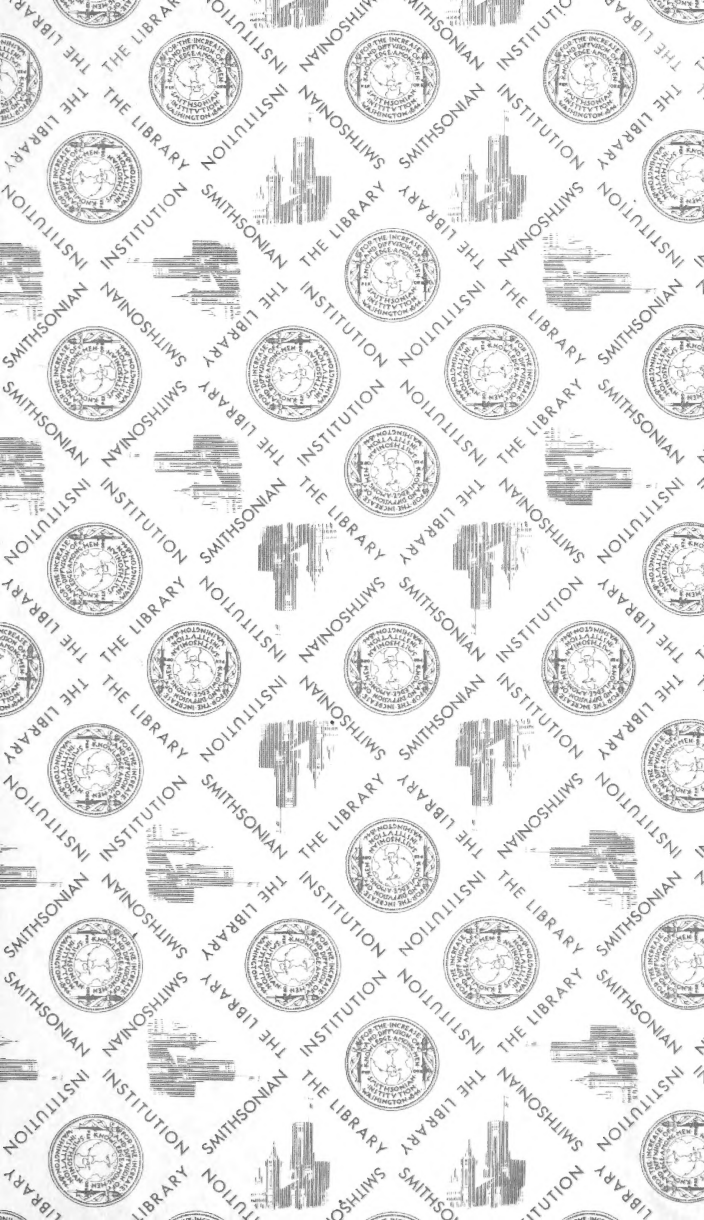
1. *Antipathes myriophylla*. Ellis & Sol. 2. *Gorgonia verrucosa*. Cavol. 3. *Eunicea mammosa*. Lamour.
 4. *Corallium rubrum* Cavol. 5. *Isis hippuris*. Ellis & Sol. 6. *Fungia crassitenuiculata*. Quey. 7. *Tarbinolia rubra*. Quey. 8. *Caryophyllia fasciculata*. Lam. 9. *Astrea calicularis*. Lam. 10. *Madrepora abrotanoides*. Lam. 11. *Millepora alcicornis*. Pall.











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