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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, Petersburg, Stockholm, Vienna, Edinburgh, Copenhagen, Gottingen, Barcelona, Modena, the Netherlands, Calcutta, & of the Linnaean Society of London, &c.

WITH FIGURES DESIGNED AFTER NATURE:

the
Crustacea, Arachnides & Insecta,

by
M. Latreille,

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

Translated from the latest French Edition.

(with)
 ADDITIONAL NOTES,

and
 Illustrated by nearly 800 Coloured Plates.

IN FOUR VOLUMES.

VOL. IV.

INSECTA-ZOOPLUYTES.

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TABLE OF CONTENTS TO PLATES.

VOLUME IV.

INSECTA—ZOOPHYTES.

INSECTA.

- Plate 1. Fig. 1.—Intestinal canal of *APHROPHORA SPUMARIA*, Suckow. A.—Œsophagus. D.—Crop. D, D.—Divisions of the ventriculus. E.—Ilium. H.—Colon. K, K.—Biliary vessels.
- Fig. 2.—Intestinal canal of the maggot of *MUSCA CARNARIA*, Suckow, marked the same as above. N, N, are the salivary vessels with their simple outlets, O.
- Fig. 3.—*a*. A portion of the biliary vessels much magnified.
- Fig. 3.—Intestinal canal of the perfect fly marked as before.
- Fig. 4.—Intestine of the caterpillar of *GASTROPACHA PINI*, Suckow, marked similarly. F, is the clavate gut. O, O, are the spinning vessels.
- Fig. 5.—Intestinal canal of *PONTIA BRASSICÆ*, Herold. C.—The sucking stomach. G.—The cœcum, &c. marked as before.
- Fig. 6.—Proventriculus of the *DYTISCUS MARGINALIS*.
- Plate 2. Fig. 1.—Intestinal canal of the larva of *CALOSOMA SYCOPHANTA*, marked as before. H.—The internal longitudinally folded colon to which the last segment of the larva is still attached.
- Fig. 2.—Intestinal canal of the perfect beetle, Suckow. D.—Ventriculus. D*.—A portion covered with glands.
- Fig. 3.—Intestinal canal of the larva of *DYTISCUS MARGINALIS*, marked the same
- Fig. 4.—Intestinal canal of the perfect beetle, similarly marked.
- Plate 3. Fig. 1.—Single salivary vessel of *NEPIS CINEREA*, Ramd. *a*.—Duct. *b*.—Glands. *c*.—Glandular vessel.
- Fig. 2.—Second salivary vessel of *NEPA CINEREA*, Ramd. *a*, *b*.—Double duct of the auxiliary gland. *d*.—Auxiliary gland. *e*, *e*.—Chief gland.
- Fig. 3.—Salivary vessel of *BLAPS*, Leon, Duf.
- Fig. 4.—Auxiliary gland of *TABANUS*, Ramd. *b*.—Duct.
- Fig. 5.—Auxiliary gland of *CICADA*, Leon, Duf. *a*, *a*, *a*, *a*.—Glandular bags. *b*, *b*.—Ducts. *c*, *c*.—Glandular vessels.
- Fig. 6.—Ventral salivary glands of *LEPTIS*, Ramd. *a*, *a*.—The two glandular bags. *b*.—Œsophagus. *c*.—Outlet of the sucking stomach. *d*.—Commencement of the Ventriculus.
- Fig. 7.—Ventral salivary glands of *BOMBYLIUS*, marked the same.
- Fig. 8.—Ventral salivary glands of *CHRYSOTOXUM*, Ramd., the same.
- Fig. 8*.—Lateral view of the heart of *MELOLONTHA VULGARIS*. *a*, *a*.—Orifices of the heart, 1—9.—Ventriculi. B.—End of the heart. C.—Aorta.
- Fig. 9.—Commencement of the heart, with the muscular wings of *MELOLONTHA VULGARIS*. *a*, *a*.—Muscular wings. *b*, *b*.—Orifices in them, in front of each aperture of the heart.
- Fig. 10.—Spiracle of the abdomen of *DYTISCUS MARGINALIS*.
- Fig. 11.—Portion of a trachea. *a*, *a*.—External tunic. *b*, *b*.—Spiral filament which forms the second tunic. *c*, *c*.—Third, or mucous tunic.
- Fig. 12.—A portion of the tunic of the air-bag of *MUSCA VOMITORIA*, magnified.

TABLE OF THE PLATES.

INSECTA.

- Plate 4. Fig. 1.—Spiracle of *ORYCTES NASICORNIS*, seen from the front. *a, a.*—The projecting margin. *b, b.*—Horny plates, which form its lips.
- Fig. 2.—The same, seen from the side. *a.*—Projecting margin. *b, b.*—The separated integument in the vicinity of the spiracle. *c, c.*—Posterior projecting margin of the spiracle. *d, d.*—The two horny triangles, which lie on one side of the main stem of the trachea, which join at *, and are moved by the broad muscle. *e, f, f, f.*—Branches of the tracheæ.
- Fig. 3.—The same, from beneath. *a, a.*—External projecting margin. *b, b.*—Separated integument. *c.*—Spot where the apex of the lower triangle articulates with the margin of the spiracle that projects inwardly. *d.*—The lower horny triangle. *f, f, f.*—Stems of the tracheæ.
- Fig. 4.—Spiracle of the larva of *CETONIA AIRATA*. *a, a.*—The external darkly-coloured margin, which is decorated with paler elliptical spots. *b, b.*—The central paler horny plate. *c.*—Margin of the true aperture. *d, d.*—Branches of tracheæ.
- Fig. 5.—Last abdominal segment, with the ovipositor *A*, of *SIREX JUVENCUS*. *B, B.*—Lateral margins of the last largest segment.
- Fig. 6.—Apex of the abdomen, from the side. The ovipositor, *b*, projects from the two valves, *a*.
- Fig. 7.—Apex of the ovipositor, seen from above. *c.*—The divided dentate apex of the sheath. *d, d.*—The two dentate setæ within the sheath.
- Fig. 8.—The ovipositor, from the side. *c.*—The upper channel. *d.*—The single lower seta.
- Fig. 9.—From beneath. *c, c.*—Sheath. *d, d.*—Setæ.
- Fig. 10.—One seta, to exhibit the shape of the teeth upon it.
- Fig. 11.—Transverse section of the ovipositor. *a, a.*—The external valves. *c.*—The sheath. *d, d.*—The setæ. *e.*—Central free channel.
- Fig. 12.—Apex of the ovipositor. *a.*—The upper channel. *b.*—The fine seta.
- Fig. 13.—Section of the mere ovipositor. *a.*—Channel. *b.*—Seta. *c.*—Canal.
- Fig. 14.—Section of the ovipositor, with the valves. *a.*—Channel. *b.*—Seta. *c, c.*—Valves. *e.*—Canal.
- Fig. 15.—Last bent segment of an ovipositor of *CYNIPS QUERCIFOLIA*, with the two hairy processes originating from the internal surface.
- Fig. 16.—The ovipositor. *a, a.*—Valves. *b, b.*—External channel of the setæ. *c.*—Central finer seta.
- Fig. 17.—The external. *b, b.* and the central seta. *c*, alone.
- Fig. 18.—Section. *a, a.*—Valves. *b, b.*—External setæ. *c.*—Central one.
- Plate 5. Fig. 1.—United testes of *PONTIA BRASSICÆ*.
- Fig. 2.—Testes of *LIBELLULA*, Suckow.
- Fig. 3.—Testes of *APHROPHORA SPUMARAI*.
- Fig. 4.—Testes of *TRIPULA CROGATA*, Suckow.
- Fig. 5.—Testes of *RANATRA LINEARIS*.
- Fig. 6.—Half of the poison vessel of *APIS MELLIFICA*.
- Fig. 7.—Testes of *DYTISCUS MARGINALIS*. *a.*—Large knob. *b.*—Small knob of the duct.
- Fig. 7. *b.*—Testes of *SILPHA OBSCURA*, L. Duf.
- Fig. 8.—Testes of *HYDROPHILUS PICEUS*, Suckow.
- Fig. 9.—Testes of *TICRHODES*, Suckow.
- Fig. 10.—Testes of *LOCUSTA VIRIDISSIMA*.
- Fig. 11.—Testes of *STAPHYLINUS*, L. Duf.

INSECTA.

- Plate 5. Fig. 12.—Testes and duct of *MUSCA DEVIENS*, Suckow.
 Fig. 13.—Testes and duct of *SEMBLIS BICAUDATA*, Suckow.
 Fig. 14.—Testes and duct of *APATE*, L. Duf.
 Fig. 15.—Testes and duct of *CEDEMERA*, L. Duf.
 Fig. 16.—Testes and duct of *PIMELIA*, L. Duf.
 Fig. 17.—Testes and duct of *LYTTA VESICATORIA*, Brandt. *a*.—Testes.
b.—First gum-vessel. *b, b*.—Second ditto. *a**.—Bag-shaped
 distension at the connecting point of the duct.
 Fig. 18.—Testes of *LAMIA ŒDILIS*.
 Fig. 19.—Testes of *PRIONUS*, L. Duf.
 Fig. 20.—Testes of *CICADA*, L. Duf.

	Vol. III. Page
Plate 6. Fig. 1.— <i>THERATES BASILIS</i> , D'Urv.	. 366
Fig. 2.—Anatomical details of <i>MEGACEPHALA CAROLINA</i> , Latr.	. 368
Fig. 3.— <i>TRYCONDYLA APTERA</i> , Latr.	. 369
Fig. 4.— <i>CTENOSTOMA ICHNEUMONEUM</i> , Dej.	. 368
Fig. 5.— <i>COLLIURIS MODESTA</i> , Dej.	. 368
Fig. 6.— <i>MANTICORA MAXILLOSA</i> , Latr.	. 365
Fig. 7.— <i>CICINDELA TENUIPES</i> , Guer.	. 366
Fig. 8.—Head of <i>OXYCHEILA TRISTIS</i> , Dej.	. 366
Plate 7. Fig. 1.—Mouth of <i>ANTHIA DECAS-GUTTATA</i> , Latr.	. 370
Fig. 2.— <i>GRAPHIPTERUS MULTI-GUTTATUS</i> , Latr.	. 370
Fig. 3.— <i>CASONIA SENEGALENSIS</i> , St. Farq. and Serv.	. 373
Fig. 4.— <i>BRACHINUS JURINEI</i> , Dej.	. 372
Fig. 5.— <i>TRICHOGNATHUS MARGINATUS</i> , Latr.	. 375
Fig. 6.—Mouth and Tarsus of <i>GALERITA AMERICANA</i> , Latr.	. 375
Fig. 7.—Head and Corslet of <i>ZUPHIUM OLENS</i> , Latr.	. 373
Fig. 8.— <i>HELLUO COSTATUS</i> , Latr.	. 374
Fig. 9.— <i>DRIPTA RUFICOLLIS</i> , Dej.	. 374
Fig. 10.— <i>AGRA SPLENDIDA</i> , Latr.	. 376
Fig. 11.— <i>LEBIA FLAVOMACULATA</i> , Guer.	. 377
Plate 8. Fig. 1.— <i>PANAGÆUS QUADRIMACULATUS</i> , Cuv.	. 397
Fig. 2.— <i>PAMBORUS ALTERNANS</i> , Latr.	. 399
Fig. 3.— <i>ELATER BICRUCIATUS</i> , Cuv.	. 428
Fig. 4.— <i>ONITIS SUBFLAVUS</i> , Peron and Les. (male)	Vol. IV. 8
Fig. 5.— <i>CETONIA BICORNIS</i> , female	. 32
Fig. 6.— <i>HELLUO COSTATUS</i> , Bonn.	Vol. III. 374
Fig. 7.— <i>LAMIA VENOSA</i> , M. Cattoire	Vol. IV. 115
Plate 9. Fig. 1.— <i>GOLIATH BARBICORNIS</i> , MacLeay. male (<i>The Horned Goliath</i>)	31
Fig. 2.— <i>BUPRESTIS SCUTELLATUS</i> (<i>The Armed Buprestis</i>)	Vol. III. 422
Fig. 3.— <i>LUCANUS SERRICORNIS</i> (<i>The Serrated Lucanus</i>)	Vol. IV. 35
Fig. 4.— <i>CETONIA BICORNIS</i> , Peron and Les. male (<i>The Two-horned Cetonia</i>)	. 32
Fig. 5.— <i>HISPA MARGINATA*</i> (<i>The Marginated Chesnut-Fly</i>)	. 128
Fig. 6.— <i>HELÆUS PERFORATA</i> , Peron and Les. (<i>The Perforated Helæus of New Holland</i>)	. 257
Fig. 7.— <i>BRENTUS APPENDICULATUS</i> , M. Cattoire	. 84
Plate 10. Fig. 1.—Testes of <i>NEPA CINEREA</i> , Swamm.	
Fig. 2.—Testes of <i>MELOLONTHA VULGARIS</i> , Suckow.	
Fig. 3.—Auxiliary testes of <i>HYDROPH PICEUS</i> , Suckow.	
Fig. 4.—Auxiliary testes of <i>LOCUSTA VIRIDISSIMA</i> . <i>a</i> .—Superior fasci- culus of vessels. <i>b</i> .—Retainer, clothed on the surface with small processes, into which the duct, <i>c</i> , opens. <i>d</i> .—Sperm bladder.	

* This species is a Fabrician *Alurnus*.

INSECTA.

- Plate 10. Fig. 5.—Ducts of the genitalia of *DONACIA AQUATICA*, Suckow, without appendages.
- Fig. 6.—Ducts of the genitalia of *PARYGANEA OLERACEA*. *a*.—Vasa deferentia. *b*.—Vesica seminalis.
- Fig. 7.—Ducts of the genitalia of *DYTICUS MARGINALIS*, marked the same.
- Fig. 8.—Ducts of the genitalia of *APIS MELL.*, Brandt. *a, a*.—Vesica seminalis. *b, b*.—Clavate gum-vessels.
- Fig. 9.—Ducts of the genitalia of *MELOLONTHA VULGARIS*, Suckow. *a, a*.—Ducts of the vesica seminalis. *b, b*.—Gum-vessels, with their distension.
- Fig. 10.—Ducts of the genitalia of *HYDROPHILUS PICEUS*, Suckow. *a, a*.—Vasa deferentia. *a*, a**.—Vesica seminalis. *a, a*.—Ends of the auxiliary testes. *b*, b**.—The first furcate gum-vessel. *b, b*.—The second simple ones.
- Fig. 11.—Ducts of the genitalia of *LAMIA EDILIS*, Fab. *a, a*.—Vesica seminalis. *b*.—Furcate gum-vessel, with unequal branches.
- Fig. 12.—Organs of *VANESSA URTICÆ*, Swamm., male. *a*.—United testes. *a*, a**.—Vasa deferentia, into which the gum-vessels, *b, b*, open.
- Fig. 13.—Gum-vessel of *CALOSOMA SYCOPHANTA*, Suckow. *a*.—Vasa deferentia of one side, which opens into the gum-vessel *b, b*, of the side; that of the other side and the ductus ejaculatorius is cut off.
- Fig. 14.—Ducts of the genitalia of *TIPULA CROCATATA*, Suckow. *a, a*.—Vasa deferentia. *b*.—Gum-vessels.
- Plate 11. Fig. 1.—Apex of the abdomen of a *CICADA*. *A*.—Last dorsal segment. *B*.—Basal joint of the sheath of the ovipositor. *C*.—Terminal joint. *D*.—Last ventral segment.
- Fig. 2.—Ovipositor with the valves from beneath. *B, B*.—Basal joints of the valves. *C, C*.—Terminal joints. *D*.—The ovipositor.
- Figs. 3, 4, 7, 8.—Male organs of a *CARABUS*.
- Fig. 3.—Prepuce from beneath. *a, a*.—The horny ridges of the prepuce. *b*.—The horny plate which lies in the lower portion of the prepuce. *c*.—Process in which the penis lies. *d*.—Last dorsal segment.
- Fig. 4.—Prepuce from above, as taken from the ventral cavity. *a*.—The horny ridges which distend the bag of the prepuce. *b*.—The process of the prepuce, in which the penis lies. *c*.—Apex of this process, into which the vasa deferentia extends. *d*.—Last dorsal segment.
- Fig. 5.—Apex of the sheath of the ovipositor of a *CICADA* from above, toothed on the margin, furrowed in the centre, emarginate at the apex to receive the points of the setæ, which form the true apex of the ovipositor.
- Fig. 5. *a*.—Section. *a, a*.—The valves. *b, b*.—The sheath. *c*.—The setæ.
- Fig. 6.—Section of the mere ovipositor. *a, a*.—The sheath. *b*.—The setæ.
- Fig. 7.—The penis of a *CARABUS* from beneath. *a*.—Aperture of the penis, whence the sperm flows.
- Fig. 8.—Penis from above, with *a*, lateral moveable process, *b*, in which the muscles are inserted.
- Figs. 9, 10.—Ovipositor of *CIMBEX VARIABILIS*.
- Fig. 9.—The valves opened from beneath. *A, A*.—The last dorsal segment. *a, a*.—External valves. *b, b*.—Internal valves, or saws. *c*.—Central short process.
- Fig. 10.—An internal valve. *b*.—Furrow. *a*.—Lower surface of the valve. *b*.—Superior surface.

INSECTA.

Plate 11. Figs. 11, 12, 13, 15, 17, 18.—Ovipositor of *LOCUSTA*.

Fig. 11.—Apex of the abdomen of *LOCUSTA VIRIDISSIMA*. A.—Last dorsal segment. B.—Last ventral segment. C.—Ovipositor.

Fig. 12.—One half of the sheath seen from the exterior of *LOCUSTA EPHIPPIGER*.

Fig. 13.—The same from the inner surface. *a*.—Superior half of the valve. *c*.—Lower half. *b*.—Central smaller, inner valve of the same side.

Fig. 14.—Setæ of the ovipositor of a *CICADA* from the inner side to show the central channel.

Fig. 15.—External view of the ovipositor of a *LOCUSTA*. *a*.—Upper half. *c*.—Lower half.

Fig. 16.—Apex of the ovipositor of a *CICADA* from beneath. *a, a*.—Superior distended sheath, with teeth on the margin. *b, b*.—The lower setæ pushed upwards, so that they project beyond the apex of the sheath.

Fig. 17.—The ovipositor of a *LOCUSTA* from within. *a*.—Upper half. *c*.—Lower half. *b*.—Internal valve, indicated here only as a projecting ridge.

Fig. 18.—The jointed ovipositor of *CHRYISIS*, Kirby and Spencee.

Plate 12. Figs. 1-6.—Male organs of *DYTICUS MARGINALIS*.

Fig. 1.—View of them beneath, with the last divided ventral plate. A, A.—The two halves of the ventral plate. B, B.—Muscles that affixed them to the preceding one. C, C.—Horny ridges, which partly serve these for insertion. D, D.—Muscles which unite the transverse ridge with the ventral plates. *a*.—A horny ring lying beneath in the prepuce. *g, g*.—Muscles that move the penis. *f*.—Vasa deferentia.

Fig. 2.—Penis and prepuce separated from the last ventral plate, seen from beneath. *a*.—A horny ring that distends the prepuce. *b*.—Horny plate which lies in it. *i*.—Membranous portion of the prepuce. *d*.—Sheath of the penis. *e*.—Penis. *g, g*.—Muscles which move the penis. *f*.—Vasa deferentia.

Fig. 3.—The same from above. *a, a*.—Horny ring of the prepuce, running at the margin, and connected with the penis by muscles, *h, h*. *i*.—Membranous portion of the prepuce. *k*.—Horny plate lying in the upper part of the prepuce. *l*.—Horny scale to which the ends of the horny arch of the prepuce are attached. *e*.—Penis. *g, g*.—Muscles which move the penis. *f*.—Vasa deferentia.

Fig. 4.—The same seen from the left side. *a*.—Horny ring of the prepuce. *b*.—Horny scale lying in the lower portion. The rest as in the preceding.

Fig. 5.—The penis, after the removal of the prepuce. *a, a*.—Membranous portion of the prepuce, which is drawn back by horny ridges, *b*, which are connected with the horny ring of the prepuce *c, c*, by means of muscles, at its upper margin. *d, d*.—Valves of the penis. *e*.—Penis.

Fig. 6.—Penis, quite free. *a*.—Ridge which lies in the penis, and closes its aperture. *b*.—Lower channel, in which the ridge or bone lies.

Figs. 7-10.—Male organs of *HYDROPHILUS PICEUS*.

Fig. 7.—Prepuce from above. M.—The removed colon. *d, d*.—Last dorsal segment, with three fenestrations. *b, b*.—Horny ring which distends the prepuce. E, E.—Sheaths of the penis.

INSECTA.

- Plate 12. Fig. 8.—The same, from beneath. *a*.—Horny plates, which lie in the lower portion of the prepuce, whence the ridges proceed which affix themselves to the apex of the last ventral plate, *e*, *e*, *c*, *c*.—Other horny ridges. *b*, *b*.—As fig. 7. *d*, *d*.—Last dorsal segment. *E*.—Sheath of the penis.
- Fig. 9.—The free penis, from above, more magnified than fig. 8. *A*, *A*.—Reflexed margins of the horny plate. *A*.—As in fig. 10. *B*.—Membranous portion of the penis. *E*, *E*.—Sheaths of the penis, consisting of horn.
- Fig. 10.—Free penis, from beneath. *A*.—A cordiform horny plate, to which the sheaths are attached. *E*, *E*.—The sheaths of the penis. *F*.—Penis.
- Figs. 11, 12.—Sexual organs of *CALLICHROMA MOSCHATUM*.
- Fig. 11.—*A*.—Prepuce, supported by a horny ridge, *C*, which distends into a horny plate, *B*, upon the upper surface of the prepuce. *D*.—Penis. *E*.—Vasa deferentia. *F*.—Ridge, by means of which the penis is pushed forwards.
- Fig. 12.—Free penis, seen from the left side. *a*.—Lower horny tip of the penis. *b*.—Upper ditto. *c*.—Vasa deferentia.
- Figs. 13-16.—Male organs of *BLATTA ORIENTALIS*.
- Fig. 13.—View from above. *b*.—Left horny plate covering them. *d*.—Penis.
- Fig. 14.—The same from beneath. *c*.—Right horny plate. *b*.—Left. *a*.—Upper. *d*.—Penis.
- Fig. 15.—The superior covering plate, consisting of several horny pieces, and provided with a hooked process.
- Fig. 16.—The right covering plate, composed of two pieces. *a*.—The principal plate.

	Vol. III. Page
Plate 13. Fig. 1.— <i>SIAGONA EUROPEA</i> , Dej.	379
Fig. 2.— <i>OXYSTOMUS SANCTI-HILARII</i> , Latr.	382
Fig. 3.— <i>SCAPTERUS GUERINI</i> , Dej.	380
Fig. 4.— <i>ENCELADUS GIGAS</i> , Bon.	378
Fig. 5.— <i>APOTOMUS RUFUS</i> , Latr.	384
Fig. 6.—Hinder foot of <i>DISCHIRIUS THORACIUS</i> , Latr.	382
Fig. 7.— <i>MORIO SIMPLEX</i> , Dej.	383
Fig. 8.— <i>ACANTHOCELIS RUFICORNIS</i> , Latr.; <i>Scarites ruficornis</i> , Fab.	380
Fig. 9.—Antennæ of <i>OZENA ROGERII</i> , Dej.	383
Fig. 10.— <i>DITOMUS VIOLACEUS</i> , Latr.	383
Fig. 11.—Head of <i>DITOMUS CALYDONIUS</i> , Latr.	383
Fig. 12.— <i>CYCLOSEMUS FLEXUOSUS</i> , Latr.	384
Plate 14. Fig. 1.— <i>HARPALUS TRICOLOR</i> , Guer.	384
Fig. 2.— <i>TRIGONOTOMA VIRIDICOLLIS</i> , Dej.	386
Fig. 3.—Elytra of <i>FERONIA NAVARICA</i> , Latr.	386
Fig. 4.—Elytra and Tarsus of <i>FERONIA MELANARIA</i> , Latr.	388
Fig. 5.— <i>CEPHALOTES RUFIPES</i> , Latr.	391
Fig. 6.—Hinder Tarsus of <i>PATROBUS RUFIPES</i> , male	398
Fig. 7.— <i>MORMOLYCE PHYLLODES</i> , Hag.	392
Fig. 8.—Hinder Foot and Jaw of <i>ZABRUS GIBBUS</i> , Latr.	387
Fig. 9.—Antennæ of <i>SPHODRUS TERRICOLA</i> , Latr.	393
Fig. 10.—Hinder Foot of <i>FERONIA HOTTENTOTA</i> , Latr.	390
Fig. 11.—Hinder Tarsus and Foot of <i>LICINUS AGRICOLA</i> , male	396
Fig. 12.—Head of <i>LORICERA FILICORNIS</i> , Latr.	398
Fig. 13.— <i>CYNTHIA ABAXOIDES</i> , Latr.	397
Fig. 14.— <i>PANAGÆUS FULGIPENNIS</i> , Latr.	397
Fig. 15.— <i>OMOPHRON SATURALIS</i> , Guer.	403

INSECTA..		Vol. III. Page
Plate 15. Fig. 1.—	SPHÆRODERUS NITIDICOLLIS, Chev.	399
Fig. 2.—	CALOSOMA RUFIPENNE, Dej.	402
Fig. 3.—	CYCHRUS ITALICUS, Bon.	399
Fig. 4.—	PAMBORUS ALTERNANS, Latr.	399
Fig. 5.—	Head of POGONOPHORUS	403
Fig. 6.—	Hinder Tarsus of PELOPHILA	404
Fig. 7.—	CARABUS RATILANS, Latr.	401
Fig. 8.—	PELECIUM CYANIPES, Kirby	397
Fig. 9.—	MASORÆUS LUXATUS, Dej.	406
Fig. 10.—	Palpi of the principal BEMBIDION	405
Plate 16. Fig. 1.—	DYTISCUS LHERMINIERI, Chev.	409
Fig. 2.—	DYTISCUS SERRICORNIS, Payk.	409
Fig. 3.—	Hinder Foot of COLYMBETES	410
Fig. 4.—	Hinder Foot of HYDROPORUS PLANUS, Latr.	410
Fig. 5.—	HYGROBIA HERMANNI, Latr.	410
Fig. 6.—	NOTERUS CRASSICORNIS, Clairv.	411
Fig. 7.—	HALIPLUS ELEVATUS	411
Fig. 8.—	GYRINUS SULCATUS, Dej.	413
Plate 17. Fig. 1.—	The left covering horny plate, with the penis of CALLICHROMA MOSCHATUM. <i>b</i> .—The upwards bent penis, furnished at the end with a hook.	
Figs. 2-4.—	Male organs of CIMBEX VARIABILIS.	
Fig. 2.—	From below. <i>a, a, a, a</i> .—The external sheaths, each consisting of a lower horny and a superior membranous portion. <i>b, b</i> .—The penis, likewise consisting of two halves.	
Fig. 3.—	The left half of the sexual apparatus, seen from without. <i>a</i> .—Horny basal portion of the sheath. <i>b</i> .—Membranous appendage. <i>c, c</i> .—Halves of the valvular penis.	
Fig. 4.—	The same from within, marked similarly. <i>d</i> .—Outlet of the vasa deferentia.	
Figs. 5-7.—	Male organs of VESPA GERMANICA seen from beneath.	
Fig. 6.—	Penis, from the side, distended like a spoon anteriorly, <i>c</i> , with a barb, <i>a</i> , by which it hangs attached during copula.	
Fig. 7.—	The same, from above, marked similarly. <i>b</i> .—Internal passage of the penis.	
Figs. 8, 9, 10.—	Male organs of DEILEPHILA GALIL.	
Fig. 8.—	Lateral view of the whole apex of the abdomen. <i>a, a</i> .—Horny ring to which the external sheath is affixed. <i>b</i> .—External sheath of the left side. <i>c</i> .—Penis. <i>e</i> .—Anus.	
Fig. 9.—	Sheath of the right side seen from within.	
Fig. 10.—	Free penis, <i>a</i> , with the aperture <i>c</i> , and the muscles <i>b</i> , which attaches it.	
Figs. 11, 12.—	Male organs of CERCOPIIS VULNERATA.	
Fig. 11.—	The sexual apparatus, enclosed in valves, seen from the left side.	
Fig. 12.—	The opened sexual apparatus, seen from above. The external valves are removed. <i>a, a</i> .—The internal valves. <i>b, b</i> .—The horny penis, consisting of two parts, bent outwards.	
Fig. 13.—	Ovaria of EPIHEMERA MARGINATA.	
Fig. 14.—	Ovaria of PHASMA GIGAS, Müll.	
Fig. 15.—	Ovaria of GRYLLUS MIGRATORIUS.	
Fig. 16.—	Ovaria of MELOE PROSCARABÆUS.	
Fig. 17.—	Anterior aperture of the penis of DEILEPHILA GALIL, seen from above.	
Plate 18. Fig. 1.—	Ovaria of GRYLLOTALPA VULGARIS, Müll.	
Fig. 2.—	Ovaria of LEPISMA, Trev.	
Fig. 3.—	Internal sexual organs of HIPPOBOSCA, L. Duf. <i>a, a</i> .—Ovaries. <i>b</i> .—Uterus. <i>c</i> .—Conducting vessels.	

INSECTA.

- Plate 18. Fig. 4.—Ovary of ANTHIDIUM, Suckow.
 Fig. 5.—Ovary of TINEA EVONYMELLA, Suckow.
 Fig. 6.—Ovary of MUSCA CARNARIA, Suckow.
 Fig. 7.—Ovary of APHROPHORA SPUMARIA, Suckow.
 Fig. 8.—Ovary of LUCANUS PARALLELOPIPEDUS, Suckow.
 Fig. 9.—Uterus without appendage of TIPULA CROCATA, Suckow.
 Fig. 10.—Uterus with an appendage of ANTHIDIUM MANICATUM, Suckow.
a.—The spermatheca.
 Fig. 11.—Uterus with an appendage of HYDROPHILUS PICEUS, Suckow.
a.—The spermatheca, into which the serpentine gum-vessel evacuates.
 Fig. 12.—Uterus with an appendage of MELOLONTHA VULGARIS, Suckow.
a.—Spermatheca. *b.*—Gum-vessel. The pockets are at the end of the sheath, into which the knob of the penis inserts itself.
 Fig. 13.—Uterus with an appendage of XYLOCOPA, Suckow. *a.*—Spermatheca. *b.*—Gum-vessel.
 Fig. 14.—Uterus with an appendage of SIREX, Suckow. *a.*—Spermatheca, with the two ears. *b.*—Gum-vessel.
 Fig. 15.—Uterus with an appendage of HARPALUS RUFICORNIS. *a.*—Sack-shaped distended sheath. *b.*—Gum-vessel.
 Fig. 16.—Uterus of LUCANUS, Suckow. *a.*—Spermatheca. *d, d.*—Double gum-vessel.
 Fig. 17.—Uterus of GRYLLOTALPA VULGARIS, Suckow. *a.*—Spermatheca. *b, b.*—Gum-vessels.
 Fig. 18.—Uterus of LEPISAMA, Trev. *b, b.*—Gum-bags.
 Fig. 19.—Poison-vessels of APIS MELLIFERA, Swamm. *a, a.*—Secreting vessels. *b.*—Poison-bladder.

	Vol. III.	Page
Plate 19. Fig. 1.—OXYPORUS RUFUS, Lin.	.	414
Fig. 2.—Head of ASTRAPÆUS ULMINEUS, Oliv.	.	414
Fig. 3.—STAPHYLINUS TATARICUS, Fisc.	.	415
Fig. 4.—LATHROBIUM ELONGATUM, Lin.	.	416
Fig. 5.—PAEDERUS RUFICOLLIS, Fab.	.	416
Fig. 6.—PROCIRRUS LEFEBURI, Latr.	.	416
Fig. 7.—Head of an EVAÆSTHETUS	.	417
Fig. 8.—STENUS BIGUTTATUS, Lin.	.	417
Fig. 9.—Anterior Tarsus of a STILICUS	.	416
Fig. 10.—OXYTELUS TRICORNIS, Fab.	.	417
Fig. 11.—OSORIUS BRASILIENSIS, Guer.	.	417
Fig. 12.—ZYROPHORUS STRIATUS, Leach	.	418
Plate 20. Fig. 1.—Head of PROGNOTHA RUFIPENNE, Latr.	.	418
Fig. 2.—COPROPHILUS RUGOSUS, Grav.	.	418
Fig. 3.—LESTeva DICHOA, Latr.	.	418
Fig. 4.—MICROPEPLUS MAIBLEI, Dej.	.	418
Fig. 5.—ALEOCHARA CANATICULATA, Fab.	.	419
Fig. 6.—LOMECHUSA PARADOXA, Grav.	.	419
Fig. 7.—OMALIUM BLATTOIDES, Grav.	.	418
Fig. 8.—TACHINUS ATRICAPILLUS, Fab.	.	419
Fig. 9.—TACHIPORUS MARGINATUS, Grav.	.	420
Plate 21. Fig. 1.—BUPRESTRIS BICOLOR, Latr.	.	422
Fig. 2.—Anatomy of BUPRESTRIS GIGAS, Fab.	.	422
Fig. 3.—BUPRESTRIS RIBRIPENNIS, Guer.	.	422
Fig. 4.—BUPRESTRIS LALANDII, Guer.	.	423
Fig. 5.—APHANISTICUS EMARGINATUS, Latr.	.	423
Fig. 6.—TRACHYS CRUENTATA, Fab.	.	423
Fig. 7.—MELASIS BUPRESTOIDE, Oliv.	.	424

INSECTA.

Vol. III. Page

Plate 22.	Fig. 1.—EUCNEMIS CAPUCINUS, Man.	. . . . .	425
	Fig. 2.—PTEROTARSUS HISTRIO, Latr.	. . . . .	425
	Fig. 3.—Anatomical details of GALBA MARMORATA, Guer.	. . . . .	425
	Fig. 4.—ADELOCERA CHABANNII, Guer.	. . . . .	425
	Fig. 5.—PACHYDERES RUFICOLLIS, Guer.	. . . . .	426
	Fig. 6.—CEROPHYTUM ELATEROIDES, Latr.	. . . . .	427
	Fig. 7.—THROSCUS DERMESTOIDES, Latr.; Elater dermestoides	. . . . .	426
	Fig. 8.—CHELONARIUM UNDATUM, Latr.	. . . . .	426
	Fig. 9.—CRYPTOSTOMA DENTICORNIS, Fab.; Elater denticornis	. . . . .	427
	Fig. 10.—Head and Corslet of LOBEDERUS MONILICORNIS, Guer.	. . . . .	427
	Fig. 11.—NEMATODES FILUM, Latr.; Eunemis filum	. . . . .	427
	Fig. 12.—Head of HEMIRHIPUS FLABELLICORNIS, Latr.; Elater flabellicornis	. . . . .	427
	Fig. 13.—Antennæ of CTENICERA HÆMATODES, Latr.	. . . . .	427
	Fig. 14.—ELATER PLAGIATUS, Germ.	. . . . .	423
	Fig. 15.—CAMPYLUS DENTICOLLIS, Fisc.	. . . . .	429
	Fig. 16.—Antennæ of PHYLLOCERUS FLAVIPENNIS, Dej.	. . . . .	429
Plate 23.	Fig. 1.—PHYSODACTYLUS HENNINGII, Fisc.	. . . . .	430
	Fig. 2.—CEBRIO FUSCUS, Gory	. . . . .	430
	Fig. 3.—Antennæ of CEBRIO GIGAS, (female)	. . . . .	430
	Fig. 4.—Antennæ of ANELASTES DRURII, Kirby	. . . . .	431
	Fig. 5.—CALLIRHIPIS GORYI, Guer.	. . . . .	431
	Fig. 6.—Anatomical details of CALLIRHIPIS DEJEANII, Latr.	. . . . .	431
	Fig. 7.—RHIPICERA CYANEA, Guer.	. . . . .	431
	Fig. 8.—Antennæ of RHIPICERA, (female)	. . . . .	431
	Fig. 9.—PTILODACTYLA ELATERINA, Illig.	. . . . .	432
	Fig. 10.—ELODES PALLIDUS, Latr.	. . . . .	432
	Fig. 11.—Hinder foot of a SCYRTES	. . . . .	432
	Fig. 12.—EUBRIA PALUSTRIS, Germ.	. . . . .	433
Plate 24.	Fig. 1.—LYCUS LATISSIMUS, Fab.	. . . . .	434
	Fig. 2.—Head of DICTYOPTERA SANGUINEA, Latr.; Lampyris san- guinea, Lin.	. . . . .	434
	Fig. 3.—Antennæ of OMALISUS SATURALIS, Geoff.	. . . . .	434
	Fig. 4.—DRILUS FLAVESCENS, (female)	. . . . .	437
	Fig. 5.—DRILUS FLAVESCENS, (male)	. . . . .	437
	Fig. 6.—DRILUS RUFICOLLIS, Dej.	. . . . .	438
	Fig. 7.—LAMPYRIS SAVIGNYI, Kirby	. . . . .	436
	Fig. 8.—Antennæ of AMYDETES, Hoff.	. . . . .	436
	Fig. 9.—Anatomical details of CLADOPHERUS RUFICOLLIS, Guer.	. . . . .	439
	Fig. 10.—SILUS TRICOLOR, Guer.	. . . . .	439
	Fig. 11.—MALTHINUS BIGUTTATUS, Oliv.	. . . . .	439
	Fig. 12.—Anatomical details of CORDYLOCERA ANTENNATA, Guer.	. . . . .	440
Plate 25.	Fig. 1.—MALACHIUS RUFICOLLIS, Fab.	. . . . .	439
	Fig. 2.—DASYTES TRIFASCIATUS, Guer.	. . . . .	440
	Fig. 3.—ZYGIA OBLONGA, Fab.	. . . . .	440
	Fig. 4.—MELYRIS VIRIDIS	. . . . .	440
	Fig. 5.—MELYRIS ABDOMINALIS, Fab.	. . . . .	440
	Fig. 6.—PELECOPHORA NIGROLINATA, Guer.	. . . . .	441
	Fig. 7.—CYLIDRUS BUGUETHI, Latr.	. . . . .	441
	Fig. 8.—TILLUS RUBRICOLLIS, Guer.	. . . . .	442
	Fig. 9.—TILLUS UNIFASCIATUS, Fab.	. . . . .	442
	Fig. 10.—PRIOCERA VARIEGATA, Kirby	. . . . .	442
	Fig. 11.—AXIANA ANALIS, Kirby	. . . . .	442
	Fig. 12.—EURYPUS RUBENS, Kirby	. . . . .	442
	Fig. 13.—THANASIMUS BOMBYCINUS, Chev.	. . . . .	443

INSECTA.		Vol. III. Page
Plate 25.	Fig. 14.— <i>THANASIMUS FORMICARIUS</i> , Fab.	. 443
	Fig. 15.— <i>OPILO MOLLIS</i> , Latr.	. 443
	Fig. 16.— <i>CLERUS OLIVIERII</i> , Chev.	. 443
	Fig. 17.— <i>CLERUS ALVEARIUS</i> , Fab.	. 443
	Fig. 18.— <i>NECROBIA VIOLACEA</i> , Lin.	. 444
	Fig. 19.— <i>NECROBIA RUFICOLLIS</i> , Fab.	. 444
	Fig. 20.— <i>ENOPLIUM VIRIDIPENNE</i> , Kirby	. 444
Plate. 26.	Fig. 1.— <i>PTINUS ITALICUS</i> , Chev.	. 445
	Fig. 2.— <i>PITILINUS SERRATICORNIS</i> , Oliv.	. 446
	Fig. 3.— <i>XYLETINUS PALLENS</i> , Stev.	. 446
	Fig. 3, <i>a, b, c.</i> —Anatomical details of <i>XYLETINUS PECTINATUS</i> , Fab.	. 446
	Fig. 4.— <i>OCHINA SANGUINICOLLIS</i> , Ziegl.	. 446
	Fig. 5.— <i>DORCATOMA RUBENS</i> , Chev.	. 446
	Fig. 6.— <i>GIBBIUM SCOTIAS</i> , Oliv.; <i>Ptinus scotias</i> , Fab.	. 445
	Fig. 7.—Anatomical details of <i>ANOBIUM PERTINAX</i> , Lin.	. 446
	Fig. 8.— <i>ATRACTOCERUS MOLORCHOIDES</i> , Guer.	. 447
	Fig. 9.— <i>HYLECÆTUS JAVANUS</i> , Chev.	. 448
	Fig. 10.— <i>LYMEXYLON NAVALE</i> , Oliv.	. 448
	Fig. 11.— <i>CUPES CAPITATA</i> , Fab.	. 448
	Fig. 12.— <i>RHYSODES COSTATUS</i> , Chev.	. 448
Plate 27.	Fig. 1.— <i>MASTIGUS FUSCUS</i> , Klug.	. 450
	Fig. 2.— <i>SCYDMENUS HELWEGII</i> , Latr.	. 450
	Fig. 3.—Anatomical details of <i>SCYDMENUS HIRTICOLLIS</i> , Gyl.	. 450
	Fig. 4.— <i>HOLOLOPTA QUATUOR-DENTATA</i> , Fab.	. 451
	Fig. 5.— <i>HISTER MANDIBULARIS</i> , Chev.	. 452
	Fig. 6.—Anatomical details of <i>HISTER QUADRI-MACULATUS</i> , Lin.	. 452
	Fig. 7.— <i>SPILERITES GLABRATUS</i> ; <i>Hister glabratus</i> , Fab.	. 453
	Fig. 8.— <i>NECROPHORUS MARITIMUS</i> , Esch.	. 455
	Fig. 9.— <i>NECROPHORUS GERMANICUS</i> , Lin.	. 455
	Fig. 10.— <i>SILPHA GRANIGERA</i> , Chev.	. 455
	Fig. 11.— <i>NECRODES LITTORALIS</i> , Lin.; <i>Silpha littoralis</i> , Fab.	. 453
	Fig. 12.— <i>NECROPHILUS HYDROPHILOIDES</i> , Esch.	. 457
	Fig. 13.— <i>AGYRTES CASTANEUS</i> , Fab.	. 457
	Fig. 14.— <i>SCAPHIDIUM NIGRIPES</i> , Chev.	. 457
	Fig. 15.— <i>SCAPHIDIUM QUATUOR-MACULATUM</i> , Oliv.	. 457
Plate 28.	Fig. 1.— <i>COLOBICUS MARGINATUS</i> , Latr.	. 459
	Fig. 2.— <i>THYMALUS MARGINICOLLIS</i> , Chev.	. 459
	Fig. 3.—Anatomical details of <i>THYMALUS LIMBATUS</i> , Fab.	. 459
	Fig. 4.— <i>IPS FASCIATA</i> , Oliv.	. 459
	Fig. 5.—Anatomical details of <i>IPS QUATUOR-PUNCTATA</i> , Herbst.	. 459
	Fig. 6.— <i>NITIDULA PERUVIANA</i> , Guer.	. 460
	Fig. 7.—Anatomical details of <i>NITIDULA IMPERIALIS</i> , Fab.	. 460
	Fig. 8.— <i>CERCUS PULICARIUS</i> , Latr.	. 460
	Fig. 9.— <i>BYTURUS TOMENTOSUS</i> , Fab.	. 460
	Fig. 10.— <i>DACNE FEMORALIS</i> , Chev.	. 460
	Fig. 11.— <i>CRYPTOPHAGUS NIGRIPENNIS</i> , Payk.	. 461
	Fig. 12.—Anatomical details of <i>CRYPTOPHAGUS POPULI</i> , Payk.	. 461
Plate 29.	Fig. 1.— <i>ASPIDIPHORUS ORBICULATUS</i> , Gyl.	. 461
	Fig. 2.— <i>DERMESTES CARNIVORUS</i> , Fab.	. 462
	Fig. 3.— <i>MEGATOMA UNDATA</i> , Latr.	. 462
	Fig. 4.—Anatomical details of <i>MEGATOMA TRIFASCIATA</i> , Fab.	. 462
	Fig. 5.— <i>ATTAGENUS SERRA</i> , Fab.	. 463

INSECTA.

	Vol. III. Page
Plate 29. Fig. 6.— <i>ANTHRENUS CAPENSIS</i> , Fab.	463
Fig. 7.—Anatomical details of <i>NOSODENDRON FASCICULARE</i> , Oliv.	464
Fig. 8.— <i>BYRRHIUS ALPINUS</i> , Gory	464
Fig. 9.—Anatomical details of <i>BYRRHUS DENNII</i> , Kirby	464
Fig. 10.— <i>TRINODES HIRTUS</i> , Fab.; <i>Anthrenus hirtus</i>	464
Fig. 11.— <i>HETERO CERUS MARGINATUS</i> , Fab.	466
Fig. 12.—Foot of <i>BYRRHUS CONCOLOR</i> , Sturm.	464
Plate 30. Fig. 1.— <i>POTAMOPHILUS ORIENTALIS</i> , Gory	466
Fig. 2.— <i>DRYOPS PROLIFERICORNIS</i> , Fab.	467
Fig. 3.—Anatomical details of <i>ELMIS VOLCKMARI</i> , Panz.	467
Fig. 4.— <i>MACRONYCHUS QUADRI-TUBERCULATUS</i> , Mül.	467
Fig. 5.— <i>GEORISSUS PYGMÆUS</i> , Gyl.	467
Fig. 6.— <i>ELOPHORUS NUBILUS</i> , Fab.	468
Fig. 7.—Anatomical details of <i>ELOPHORUS FENNICUS</i> , Payk.	468
Fig. 8.—Antennæ of <i>HYDROCHUS ELONGATUS</i> , Fab.; <i>Elophorus elongatus</i>	469
Fig. 9.—Palpi of <i>OCHTHEBIUS HYBERNICUS</i> , Curt.	469
Fig. 10.—Anatomical details of <i>HYDRÆNA TESTACEA</i> , Curt.	469
Fig. 11.— <i>SPERCHEUS SULCATUS</i> , Gory	469
Fig. 12.—Anatomical details of <i>SPERCHEUS EMARGINATUS</i> , Fab.	469
Fig. 13.— <i>GLOBARIA NITIDA</i> , Guer. A new species	470
Fig. 14.— <i>HYDROPHILUS SPINIPENNIS</i> , Gory	471
Fig. 15.— <i>SPHÆRIDIDIUM DIMIDIATUM</i> , Gory	472
	Vol. IV. Page
Plate 31. Fig. 1.— <i>ATEUCHUS ÆGYPTIORUM</i> , Latr.	5
Fig. 2.—Anatomical details of <i>ATEUCHUS SACER</i> , Latr	5
Fig. 3.— <i>CIRCELLIUM HEMISPHERICUM</i> , Latr.	6
Fig. 4.— <i>COPROBIUS VIRIDIS</i> , Latr.	6
Fig. 5.— <i>EURYSTERNUS FÆDUS</i> , Guer.	6
Fig. 6.— <i>ONTOPHAGUS RARUS</i> , Guer.	7
Fig. 7.—Anatomical details of <i>ONTOPHAGUS VACCA</i> , Latr.	7
Fig. 8.— <i>PHANEUS IMPERATOR</i> , Chev.	8
Fig. 9.— <i>ONITICELLUS FORMOSUS</i> , Chev.	7
Fig. 10.— <i>COPRIS BELLATOR</i> , Chev.	8
Fig. 11.— <i>APHODIUS RIPUNCTATUS</i> , Fab.	9
Plate 32. No. 1.—Exhibits parts of the thorax of <i>CARABUS GLABRATUS</i> .	
Fig. 1.—Prothorax from above.	
Fig. 2.—Prothorax from beneath.	
Fig. 3.—Prosternum from the inner surface.	
Fig. 4.—The omium. <i>b</i> .—The external surface. <i>b*</i> . The reflexed margin which is attached to the inner surface of the pronotum.	
Fig. 5.—Lateral view of the prosternum. <i>c, c</i> .—Its two internal scale-shaped processes.	
Fig. 6.—Meso and Metathorax seen from above. <i>R, R</i> .—The rudimentary wings. <i>b</i> .—The same from beneath. <i>S, S</i> .—The first abdominal segment. <i>S*, S*</i> .—The second ditto. <i>K, K</i> .—Coxæ of the posterior legs. <i>T, T</i> .—Trochanters.	
Fig. 7.—Anterior view of the mesosternum. <i>f</i> .—Two processes which form the fork, and between which the nervous cord lies.	
Fig. 8.—Anterior wings of the scapula seen from the surface. <i>b</i> .—The reflexed margin which lies against the posterior wings.	
Fig. 9.—Posterior wings of the scapula seen from the surface. <i>b*</i> .—The reflexed margin which lies against the margin of the anterior wing, and forms the suture in which both meet together.	

Plate 32. No. 2.—Parts of the skeleton of *DYTISUS*.

- Fig. 1.—Internal portion of the head. *a, a*.—The two ridges which proceed from the throat and enlose the cerebellum. *c*.—The tentorium. *d*.—A band, consisting of two halves, upon which the anterior portion of the cerebellum rests. *e, e*.—Two hooked processes, which encompass the œsophagus in front of the cerebrum. *f, f'*.—A horny ridge to which the labrum is attached. *g*.—The tongue. *h*.—A horny semicircular bone, to which the tongue is attached. *b, b*.—The orbits.
- Fig. 2.—The prothorax seen from beneath. *b, b*.—The omia.
- Fig. 3.—The prosternum from behind. *a, a*.—The jugularia. *b, b*.—Internal processes of the prosternum.
- Fig. 4.—The omium seen from the surface. *b*.—The external surface. *b**.—The reflexed margin which lies against the surface of the pronotum.
- Fig. 5.—Prosternum from the side. *b*.—The internal processes.
- Fig. 6.—Coxæ, trochanters and femur of the intermediate leg. *a*.—Audouin's trochantinus.
- Fig. 7.—Meso and metathorax from above.
- Fig. 8.—The same from beneath.
- Fig. 9.—Mesosternum exposed, so as to show its internal processes. *E*.—The body of the vertebra whence the arches proceed which encompass the nervous cord. *b, b*, are the transverse processes. *a*.—The processus spinosus, consisting of two halves.
- Fig. 10.—Anterior wing of the scapula (*D*).
- Fig. 11.—Posterior wing of the scapula (*D**). *b*.—The reflexed margin which forms the suture with that of the anterior wing.
- Fig. 12.—The connate coxæ seen from the front to exhibit the process springing from them. *b, b*—The anterior processes. *a, a*.—The posterior, with their furcate branches**.

Plate 32. No. 3.—Portions of the skeleton of *BUPRESTIS MARIANA*.

- Fig. 1.—Prothorax from beneath. *A, A*.—Reflexed margin of the pronotum. *B*.—Prosternum. *b, b*.—The small round plates which correspond to the anterior wings of the scapulæ in *CARABUS* and *DYTISUS*.
- Fig. 2.—The same from the front. *a, a*.—The jugularia.
- Fig. 3.—Prosternum from the side.
- Fig. 4.—Upper view of the meso and metathorax.
- Fig. 5.—The same from beneath.
- Fig. 6-8.—Mesosternum and scapulæ in their natural situation. *b*.—Mesosternum (*E, E*).
- Figs. 7, 8.—Anterior wings of the scapulæ (*D, D*).
- Fig. 9.—Prosternum from within. *a, a*.—Internal processes.
- Fig. 10.—Metathorax from within. *b, b*.—The anterior teeth. *a, a*.—The posterior.
- Fig. 11.—The same from the side.
- Fig. 12.—Meso and metathorax of *HISTER CABAUVERINUS* seen from beneath. *S*.—First abdominal segment.
- Fig. 13.—The same from above.

Plate 33. Fig. 1.— <i>ORYCTES CHEVROLATII</i> , Guer.	.	.	.	15
Fig. 2.— <i>AGACEPHALA FURCATA</i> , Guer.	.	.	.	15
Fig. 3.— <i>SCARABÆUS MENTOR</i> , Guer.	.	.	.	16
Fig. 4.—Anatomical details of <i>SCARABÆUS GEDEON</i> , Fab.	.	.	.	16

INSECTA.

Vol. IV. Page

Plate 33. Fig. 5.—	PILEURUS CRIBRATUS, Chevr.	.	.	.	17
Fig. 6.—	HEXODON RETICULATUS, Oliv.	.	.	.	17
Fig. 7.—	CYCLOCEPHALA FRONTALIS, Chevr.	.	.	.	17
Fig. 8.—	Anatomical details of CYCLOCEPHALA GEMINATA, Fab.;	.	.	.	
	Melolonthæ geminata	.	.	.	18
Plate 34. Fig. 1.—	LEUCOTHYREUS NITIDICOLLIS, Guer.	.	.	.	21
Fig. 2.—	Anatomical details of ANOPLOGNATHUS LATREILLEI, Sch.	.	.	.	20
Fig. 3.—	GENIATES BARBATUS, Kirby	.	.	.	21
Fig. 4.—	APOGONIA GEMELLATA, Kirby	.	.	.	21
Fig. 5.—	MELOLONTHA FLAVIDA, Gory	.	.	.	22
Fig. 6.—	Antennæ of MELOLONTHA VULGARIS	.	.	.	22
Fig. 7.—	Antennæ of RHISOTROGUS PINI, Latr.	.	.	.	23
Fig. 8.—	CERASPIS DECORA, Gory	.	.	.	24
Fig. 9.—	Anatomical details of CERASPIS ALBIDA, Serv.	.	.	.	24
Fig. 10.—	AREODA KIRBII, Mac Leay	.	.	.	24
Fig. 11.—	SERICA FLAVIMANA, Gory	.	.	.	24
Fig. 12.—	Anatomical details of SERICA VARIABILIS, Latr.	.	.	.	24
Fig. 13.—	DIPHUCEPHALA FURCATA, Guer.	.	.	.	24
Fig. 14.—	MACRODACTYLUS SATURALIS, Chev.	.	.	.	25
Plate 35. Fig. 1.—	PLECTRIS TOMENTOSA, Lep. Serv.	.	.	.	25
Fig. 2.—	POPILIA NITIDICOLLIS, Gory	.	.	.	25
Fig. 3.—	ANISOPLIA SATURALIS, Guer.	.	.	.	25
Fig. 4.—	EUCHLORA VIRIDANA, Guer.	.	.	.	25
Fig. 5.—	LEPISIA RUPICOLA, Serv.	.	.	.	25
Fig. 6.—	DICRANIA VELUTINA, Gory	.	.	.	26
Fig. 7.—	HOPLIA FARINOSA, Fab.	.	.	.	26
Fig. 8.—	DICHELUS DENTIPES, Serv	.	.	.	28
Plate 35. bis. Fig. 1.—	GLAPHYRUS RUFIPENNIS, Gory	.	.	.	27
Fig. 2.—	AMPHICOMA BOMBYLIFORMIS, Pall.	.	.	.	27
Fig. 3.—	Anatomical details of AMPHICOMA LASSERII	.	.	.	27
Fig. 4.—	ANTHIPNA ABDOMINALIS, Esch.	.	.	.	27
Fig. 5.—	CHASMOPTERUS HIRTULUS, Illig.	.	.	.	28
Fig. 6.—	PACHYENEMUS CRASSIPES, Serv.	.	.	.	28
Fig. 7.—	LEPITRIX ABBREVIATUS, Serv.	.	.	.	28
Fig. 8.—	MONOCHELUS GONAGER, Serv.	.	.	.	27
Fig. 9.—	ANISONYNX NASUA, Wied.	.	.	.	29
Plate 36. Fig. 1.—	CREMASTOCHEILUS HIRTUS, Gory & Perch. monogra.	.	.	.	31
Fig. 2.—	Anatomical details of CREMASTOCHEILUS ELONGATUS,	.	.	.	
	Oliv.	.	.	.	31
Fig. 3.—	TRICHIUS ZEBRA, Oliv.	.	.	.	30
Fig. 4.—	Anatomical details of TRICHIUS FASCIATUS, Fab.	.	.	.	30
Fig. 5.—	GOLIATH MICANS, G. & P. Oliv.	.	.	.	31
Fig. 6.—	PLATYGNIA ZAIRICA, Mac Leay	.	.	.	31
Fig. 7.—	CETONIA BAXII, G. & P.	.	.	.	31
Fig. 8.—	Anatomical details of CETONIA AURATA, Fab.	.	.	.	33
Fig. 9.—	GYMNETIS NERVOSA, G. & P.	.	.	.	32
Fig. 10.—	MACRONOTA ÆGREGIA, G. & P.	.	.	.	32
Plate 37. Fig. 1.—	SINODENDRON CYLINDRICUM, Lin. Fab. ; Scarabæus cylin-	.	.	.	
	dricus	.	.	.	34
Fig. 2.—	ÆSALUS SCARABÆIDES, Fab.	.	.	.	34
Fig. 3.—	LUCANUS CINNOMOMEUS, Guer.	.	.	.	34
Fig. 4.—	PTATYCERUS AURICULATUS, Gory	.	.	.	36
Fig. 5.—	LAMPYRINA ÆNEA, Latr. ; Lethrus æneus, Fab.	.	.	.	34

INSECTA.		Vol. IV. Page
Plate 37.	Fig. 6.— <i>PHOLIDOTUS HUMBOLDII</i> , Sch. ; <i>Lamprina Humboldtii</i>	. 35
	Fig. 7.— <i>PASSALUS PENTAPHYLLUS</i> , Palis-Bauv.	. 37
	Fig. 8.—Anatomical details of <i>PASSALUS INTERRUPTUS</i> , Fab.	. 37
Plate 38.	Fig. 1.— <i>PIMELIA VESTITA</i> , Gory	. 40
	Fig. 2.—Anatomical details of <i>PIMELIA SERICEA</i>	. 40
	Fig. 3.— <i>ERODIUS GIBBUS</i> , Fab.	. 41
	Fig. 4.— <i>ZOPHOSIS TESTUDINARIUS</i> , Oliv.	. 41
	Fig. 5.— <i>NYCTELIA LUCZOTII</i> , Chev.	. 41
	Fig. 5, c, d.—Anatomical details of <i>NYCTELIA BRUNNIPES</i> , Latr.	. 42
	Fig. 6.— <i>HEGETER TAGENIOIDES</i> , Gory	. 42
	Fig. 7.— <i>TENTYRIA PUNCTIPENNIS</i> , Lefebvre	. 42
	Fig. 8.— <i>AKIS GORYI</i> , Guer.	. 43
	Fig. 9.— <i>ELENOPHORUS AMERICANUS</i> , Lacord.	. 43
	Fig. 10.— <i>EURYCHORA RUGOSULA</i> , Guer.	. 43
	Fig. 11.—Anatomical details of <i>EURYCHORA CILIATA</i>	. 43
	Fig. 12.— <i>ADELOSTOMA RUGOSA</i> , Gory	. 43
Plate 38. bis.	Fig. 1.— <i>TAGENIA ORIENTALIS</i> , Gory	. 44
	Fig. 2.— <i>PSAMMETICUS COSTATUS</i> , Guer.	. 44
	Fig. 3.— <i>SCAURUS RUGOSUS</i> , Latr.	. 45
	Fig. 4.— <i>SCOTIOBIUS GRANOSUS</i> , Lacord.	. 45
	Fig. 5.— <i>SEPIDIUM VESTITUM</i> , Gory	. 45
	Fig. 6.— <i>TRACHYNOTUS VITTATUS</i> , Latr.	. 45
	Fig. 7.— <i>MOLURIS LUTEIPES</i> , Guer.	. 45
Plate 39.	Fig. 1.— <i>OXURA SETOSA</i> , Kirby	. 46
	Fig. 2.— <i>ACANTHOMERA GRATILLA</i> , Guer. Herbst.	. 46
	Fig. 3.— <i>MISOLAMPUS HOFFMANSEGHII</i> , Guer.	. 47
	Fig. 4.— <i>BLAPS MORTISAGA</i> , Fab.	. 47
	Fig. 5.—Mouth and Antennæ of <i>BLAPS SULCATA</i> , Fab.	. 47
	Fig. 6.— <i>GONOPUS TIBIALIS</i> , Latr.	. 48
	Fig. 7.— <i>ANOMALIPES DENTIPES</i> , Latr. Fab.	. 48
	Fig. 8.—Corslet of <i>MACHLA VILLOSA</i> , Herbst.	. 48
	Fig. 9.— <i>SCOTINUS BRASILIENSIS</i> , Gory	. 48
	Fig. 10.—Mouth and Antennæ of <i>ASYDA LÆVIGATA</i> , Fab.	. 49
	Fig. 11.—Tarsus and Antennæ of <i>OPATRINUS CHLATRATUS</i> , Dej.	. 49
	Fig. 12.—Tarsus of <i>HELIOPHILUS HISPANICUS</i> , Dej.	. 49
	Fig. 13.— <i>PEDINUS GIBBOSUS</i> , Gory	. 49
	Fig. 14.—Anatomical details of <i>BLAPSTINUS PUNCTATUS</i> , Sch.	. 50
	Fig. 15.— <i>PLATYSCELIS GAGES</i> , Fisc.	. 50
Plate 40.	Fig. 1.— <i>CRYPTICUS GIBBULUS</i> , Sch.	. 51
	Fig. 2.— <i>OPATRUM ELONGATUM</i> , Guer.	. 51
	Fig. 3.— <i>CORTICUS CELTIS</i> , Germ.	. 52
	Fig. 4.—Anatomical details of <i>ORTHO CERUS MUTICUS</i> , Latr. ; <i>Hispanica</i>	. 52
	Fig. 5.— <i>CHIROSCELIS BIFENESTRATA</i> , Lam.	. 52
	Fig. 6.— <i>TOXICUM CURVICORNE</i> , Chev.	. 52
	Fig. 7.— <i>BOROS THORACICUS</i> , Gyl.	. 52
	Fig. 8.— <i>CALCAR ELONGATUM</i> , Herbst.	. 53
	Fig. 9.— <i>UPIS CERAMBOIDES</i> , Fab.	. 53
	Fig. 10.—Anatomical details of <i>TENEBRIO MOLITOR</i> , Lin.	. 53
	Fig. 11.— <i>HETEROTARSUS TENEBRIOIDES</i> , Guer.	. 53
	Fig. 12.— <i>TENEBRIO OBSCURUS</i> , Fab.	. 53
Plate 41.	Fig. 1.— <i>DIAPERIS BIPUSTULATA</i> , Brul. Lap.	. 55
	Fig. 2.— <i>HYPPOPHLEUS CASTANEUS</i> , Fab.	. 53

INSECTA.		Vol. IV. Page
Plate 41.	Fig. 3.—TRACHYSCELIS APHODIIOIDES, Latr.	56
	Fig. 4.—LEIODES CINNAMOMEA, Panz.	56
	Fig. 5.—TETRATOMA FUNGORUM, Fab.	56
	Fig. 6.—ELEDONA CORNUTA, Fab.	57
	Fig. 7.—COSSYPHUS MONILIFERUS, Chev.	57
	Fig. 8.—NILIO LANATUS, Germ.	58
	Fig. 9.—EPITRAGUS LINEATUS, Chev.	59
	Fig. 10.—CNODALON ATRUM, Chev.	60
	Fig. 11.—SPHENISCUS PICTUS, Chev.	60
Plate 42.	Fig. 1.—AMARYGMUS CUPRINUS, Esch.	60
	Fig. 2.—SPHÆROTUS CURVIPES, Kirby	61
	Fig. 3.—HELOPS SATURALIS, Germ.	61
	Fig. 4.—Anatomical details of HELOPS LANIPES, Fab.	61
	Fig. 5.—LÆNA PIMELIA, Fab.	61
	Fig. 6.—STENOTRACHELUS ÆNEUS, Latr. ; Dryops æneus, Payk.	62
	Fig. 7.—STRONGYLUM SERRATICORNE, Chev.	62
	Fig. 8.—PITHO DEPRESSUS, Fab.	62
	Fig. 9.—CASTELA SERRATA, Chev.	63
	Fig. 10.—HALLOINENUS HUMERALIS, Latr.	64
	Fig. 11.—Anatomical details of ORCHESIA MICANS, Latr.	64
Plate 43.	Fig. 1.—DIRCÆA DISCOLOR, Fab.	65
	Fig. 2.—MELANDRYA RUFIPES, Chev.	65
	Fig. 3.—SERROPALPUS STRIATUS, Latr.	65
	Fig. 4.—CONOPALPUS FLAVICOLLE, Gyl.	65
	Fig. 5.—CALOPUS SERRATICORNIS, Fab.	67
	Fig. 6.—DYTILUS LÆVIS, Fisch.	67
	Fig. 7.—ÆDEMERA PODAGRARIÆ, Fab.	67
	Fig. 8.—STENOSTOMA ROSTRATUM, Char.	67
	Fig. 9.—MYCTERUS PULVERULENTUS, Chev.	68
	Fig. 10.—Head of RHINOMACER ATTELABOIDES, Fab.	68
	Fig. 11.—RHINOSIMUS RUFICOLLIS, Fab.	68
Plate 44.	Fig. 1.—LAGRIA GIGAS, Guer.	70
	Fig. 2.—STATIRA CARABOIDES, Guer.	70
	Fig. 3.—PYROCHROA COCCINEA, Fab.	71
	Fig. 4.—RIPIPHORUS RUFIPENNIS, Chev.	71
	Fig. 5.—MYODITES AMERICANUS, Guer.	72
	Fig. 6.—PELEBOTOMA FRIVALDJSKII, Sturm.	72
	Fig. 7.—MORDELLA PICTA, Chev.	72
	Fig. 8.—SCRAPTIA DUBIA, Oliv.	73
	Fig. 9.—NOTOXUS FASCIATUS, Chev.	73
	Fig. 10.—CISSITES TESTACEUS, Latr.	74
Plate 45.	Fig. 1.—Antennæ of CEROCOMA SCHLEFFERI, Lin.	75
	Fig. 2.—HYCLÆUS DECIM-GUTTATUS, Chev.	76
	Fig. 3.—Antennæ of ARITNÆMA DUODECIM-PUNCTATA, Chev.	76
	Fig. 4.—MYLABRIS MYOPS, Chev.	76
	Fig. 5.—Antennæ of CENAS AFFER, Fab.	76
	Fig. 6.—MELOE CORDILLIÆ, Chev.	77
	Fig. 7.—Anatomical details of MELOE BREVICOLLIS, Panz.	77
	Fig. 8.—TETRAONYX VENTRALIS, Chev.	77
	Fig. 9.—CANTHARIS SULCIFRONS, Chev.	77
	Fig. 10.—Anatomical details of CANTHARIS VESSICATORIA	79
	Fig. 11.—ZONITIS PUNCTICOLLIS, Chev.	79
	Fig. 12.—Anatomical details of NEMOGNATHA CHRYSOMELINA, Fab. ; Zonitis chrysomelina	79
	Fig. 13.—LEPTOPALPUS CHEVROLATII, Guer.	79

		INSECTA.	Vol. IV. Page
Plate 45.	Fig. 14.—GNATHIUM FLAVICOLLE, Chev.	.	79
	Fig. 15.—SITARIS HUMERALIS, Fab.	.	80
Plate 46.	Fig. 1.—BRUCHUS MARGINELLUS, Fab.	.	82
	Fig. 2.—RHÆBUS GEBLERI, Fisch	.	82
	Fig. 3.—ANTHRIBUS GARNOTII, Guer.	.	82
	Fig. 4.—ATTELABUS FALCATUS, Guer.	.	83
	Fig. 5.—RHINOTIA HÆMOPTERA, Kirby	.	83
	Fig. 6.—EURHINUS CONICUS, Guer.	.	83
	Fig. 7.—BRENTUS ITALICUS, Latr.	.	84
	Fig. 8.—CEOCEPHALUS FURCILLATUS, Schn.	.	84
	Fig. 9.—Antennæ of ULOCERUS, CINEREUS, Latr.	.	84
	Fig. 10.—CYLAS LONGICOLLIS, Chev.	.	84
Plate 47.	Fig. 1.—BRACHYCERUS OCOLATUS, Chev.	.	85
	Fig. 2.—CYCLOMUS CORONATUS, Schn.	.	85
	Fig. 3.—CYPHUS ILLUSTRIS, Chev.	.	86
	Fig. 4.—CYPHUS DIVES, Illig.	.	86
	Fig. 5.—LEPTOCERUS MACILENTUS, Chev.	.	87
	Fig. 6.—PACHYRHYNCHUS PROFANUS, Esch.	.	87
	Fig. 7.—SYZYGOPS CYCLOPS, Schn.	.	87
	Fig. 8.—RHYTIRRHINUS INFORMIS, Chev.	.	88
	Fig. 9.—CLEONUS GUTTATUS, Chev.	.	88
	Fig. 10.—LIXUS VITTAGER, Godet	.	89
	Fig. 11.—Mouth of CHLOROPHANUS VIRIDIS, Schn.	.	89
Plate 48.	Fig. 1.—LÆMOSACCUS CHEVROLATHI, Guer.	.	89
	Fig. 2.—BAGOUS BINODOSUS, Gyl.	.	89
	Fig. 3.—BRACHIONYX INDIGENA, Gyl.	.	90
	Fig. 4.—BALANINUS NUCUM, Lin.	.	90
	Fig. 5.—HEILIPUS PEPLUS, Schn.	.	90
	Fig. 6.—ALCIDES PREUSTUS, Guer.	.	90
	Fig. 7.—MYORHINUS ALBOLINEATUS,	.	90
	Fig. 8.—CIONIS PULVEROSUS, Pareys	.	90
	Fig. 9.—TACHYGONUS HORRIDUS, Chev.	.	90
Plate 49.	Fig. 1.—CHOLUS FLAVO-FASCIATUS, Chev.	.	91
	Fig. 2.—CAMPTORHYNCHUS FLATTUARIUS, Germ.	.	91
	Fig. 3.—CENTRINUS CURVIROSTRIS, Chev.	.	91
	Fig. 4.—ZYGOPS RUBRICOLLIS, Chev.	.	91
	Fig. 5.—CENTORHYNCHUS SII, Chev.	.	91
	Fig. 6.—HYDATICUS COMARII, Schn.	.	92
	Fig. 7.—DIORYMERUS ALTUS, Germ.	.	92
	Fig. 8.—MECOPUS TRILINEATUS, Guer.	.	92
	Fig. 9.—GORGUS BISPINOSUS, Chev.	.	92
	Fig. 10.—TYLODES PTINIODES, Gyl.	.	92
Plate 50.	Fig. 1.—ANCHONUS SUILLUS, Fab.	.	92
	Fig. 2.—RHINA BARBIROSTRIS, Fab.	.	93
	Fig. 3.—CALANDRA GUERINI, Chev.	.	93
	Fig. 4.—CALANDRA TAITENSE, Guer.	.	93
	Fig. 5.—BELORHYNUS ACUTUS, Guer.	.	93
	Fig. 6.—CERCIDOCERUS NIGROLATERALIS, Guer	.	93
	Fig. 7.—COSSONUS EPHIPPIGER, Guer.	.	93
	Fig. 8.—DRYOPHTHORUS LYMEXILON, Fab.	.	93
	Fig. 9.—TRIGONOTARSUS CALANDROIDES, Guer.	.	93
Plate 51.	Fig. 1.—SCOLYTUS FLAVICORNIS, Chev.	.	95
	Fig. 2.—Antennæ of HYLURGUS PINIPERDA	.	95

INSECTA.		Vol. IV. Page
Plate 51.	Fig. 3.—Antennæ of <i>CAMPTOCERUS ÆNEIPENNIS</i> , Oliv.	95
	Fig. 4.— <i>PHILOTRIBUS OLEÆ</i> , Latr.	95
	Fig. 5.—Antennæ of <i>TOMICUS BISPINUS</i> , Meg.	95
	Fig. 6.— <i>PLATYPUS POEYI</i> , Guér.	95
	Fig. 7.—Mouth of <i>PLATYPUS CYLINDRUS</i> , Fab.	96
	Fig. 8.— <i>PAUSSUS CURVICORNIS</i> , Chev.	96
	Fig. 9.— <i>PAUSSUS MICROCEPHALUS</i>	96
	Fig. 10.—Anatomical details of <i>PAUSSUS MICROCEPHALUS</i> and <i>PAUSSUS PENTAPLATARTHURUS</i>	96
	Fig. 11.— <i>PLATYRHOPALUS MELLEI</i> , West	96
	Fig. 12.—Antennæ of <i>CERAPTERUS LATIPES</i> , West	96
	Fig. 13.— <i>BOSTRICHUS DUFOURII</i> , Latr.	97
	Fig. 14.— <i>CIS INÆQUIDENS</i> , Chev.	97
	Fig. 15.— <i>NEMOSOMA ELONGATUM</i> , Lin.	97
	Fig. 16.— <i>SYNCHITA UNDATA</i> , Guér.	98
Plate 52.	Fig. 1.— <i>CUCUJUS MANDIBULARIS</i> , Gory	102
	Fig. 2.—Anatomical details of <i>CUCUJUS DEPRESSUS</i> , Fab.	102
	Fig. 3.— <i>BRONTES SPINICOLLIS</i> , Gory	102
	Fig. 4.—Anatomical details of <i>BRONTES FLAVIPES</i> , Fab.	102
	Fig. 5.— <i>DENDROPHAGUS CRENATUS</i> , Payk.	102
	Fig. 6.— <i>SPONDYLUS BUTRESTOIDES</i> , Fab.	105
	Fig. 7.— <i>PARANDRA LINEOLA</i> , Gory	104
	Fig. 8.— <i>PRIONUS DESMARESTII</i> , Guér.	105
	Fig. 9.— <i>ANACOLUS SANGUINEUS</i> , Serv.	106
	Fig. 10.— <i>PRIONAPTERUS STAPHILINUS</i> , Guér.	106
Plate 53.	Fig. 1.— <i>LISSONOTUS UNIFASCIATUS</i> , Gory	107
	Fig. 2.— <i>MEGADERUS STIGMA</i> , Fab.	107
	Fig. 3.— <i>TRACHYDERES NIGROFASCIATUS</i> , Gory	108
	Fig. 4.—Anatomical details of <i>TRACHYDERES SUCCINCTUS</i> , Fab.	108
	Fig. 5.— <i>LOPHONOCERUS BARBICORNIS</i> , Oliv.	108
	Fig. 6.— <i>CALlichROMA SPECIOSA</i> , Gory	109
	Fig. 7.— <i>ACANTHOPTERUS TRIPUNCTATUS</i> , Gory	110
	Fig. 8.—Anatomical details of <i>ACANTHOPTERUS BUDENSIS</i> , Goeze	110
	Fig. 9.—Antennæ of <i>CERAMBYX HEROS</i> , Fab.	110
	Fig. 10.— <i>CERAMBYX HEMIPTERUS</i> , Oliv.	110
Plate 54.	Fig. 1.— <i>CERAMBYX RUFIPENNIS</i> , Gory	111
	Fig. 2.— <i>CERAMBYX SPECULIFER</i> , Gory	111
	Fig. 3.— <i>CERAMBYX HIRTIPES</i> , Oliv.	111
	Fig. 4.— <i>CALLIDIUM INSUBRECIUM</i> , Ziegler	112
	Fig. 5.— <i>CERTALIUM RUFICOLLE</i> , Fab.	112
	Fig. 6.— <i>OBRIUM FERRUGINEUM</i> , Fab.	112
	Fig. 7.— <i>RHINOTRAGUS COCCINEUS</i> , Gory	113
	Fig. 8.— <i>NECYDALIS MAJOR</i> , Lin.	113
	Fig. 9.— <i>STENOPTERUS ELEGANS</i> , Klug.	113
Plate 55.	Fig. 1.— <i>ACROCINUS TROCHLEARIS</i> , Gory	115
	Fig. 2.— <i>LAMIA AUROCINCTA</i> , Gory	115
	Fig. 3.— <i>TETRAOPES DIMIDIATA</i> , Gory	116
	Fig. 4.— <i>SAPERDA ALBICANS</i> , Guér.	117
	Fig. 5.—Anatomical details of <i>SAPERDA ATKINSONI</i> , Curtis	117
	Fig. 6.—Antennæ of <i>DISTICHOCERA MACULICOLLIS</i> , Kirby	114
	Fig. 7.— <i>TINESISTERNUS BIZONULATUS</i> , Guér.	114
	Fig. 8.— <i>TRAGOCERUS BIDENTATUS</i> , DONOV.	114
	Fig. 9.— <i>LEPTOCERA BILINEATA</i> , Gory	114
Plate 56.	Fig. 1.— <i>DESMOCERUS CYANEUS</i> , Fab.; <i>Stenoderus cyaneus</i>	119

	INSECTA.	Vol. IV. Page
Plate 56.	Fig. 2.— <i>VESPERUS GRÆCUS</i> , Guer.	120
	Fig. 3.— <i>RHAGIUM BIFASCIATUM</i> , Fab.	120
	Fig. 4.— <i>RHAMNUSIUM SALICIS</i> , Fab.	120
	Fig. 5.— <i>TOXOTUS MERIDIANUS</i> , Fab.	120
	Fig. 6.— <i>PACHYTA LAPORTII</i> , Guer.	120
	Fig. 7.— <i>STENODERUS CERAMBOIDES</i> , Kirby	121
	Fig. 8.— <i>LEPTURA ANNULATA</i> , Gory	121
Plate 57.	Fig. 1.— <i>MEGALOPUS UNIFASCIATUS</i> , Gory	123
	Fig. 2.— <i>SAGRA CYANEA</i> , Dalm.	123
	Fig. 3.—Anatomical details of <i>SAGRA SPLENDIDA</i> , Fab.	123
	Fig. 4.— <i>ORSODACNA VIOLACEA</i> , Chev.	123
	Fig. 5.— <i>PSAMMÆCIUS BIPUNCTATUS</i> , F. Boudier	123
	Fig. 6.— <i>DONACIA PÆNNICA</i> , Gyl.	124
	Fig. 7.—Anatomical details of <i>DONACIA SAGITTARIE</i> , Fab.	124
	Fig. 8.—Hinder Tarsus of <i>HÆMONIA ZOSTÈRE</i> , Gyl.	124
	Fig. 9.— <i>PETAURISTES CRASSIPES</i> , Oliv.	124
	Fig. 10.— <i>CRIOCERIS DORYCCUS</i> , Guer.	125
	Fig. 11.— <i>ANCHENIA BETULÆ</i> , Fab.	125
	Fig. 12.— <i>MEGASCELIS PRASINA</i> , Chev.	126
Plate 58.	Fig. 1.— <i>ALURNUS CORALLINUS</i> , Vigors	127
	Fig. 2.— <i>OXYCEPHALA CORNIGERA</i> , Guer	128
	Fig. 3.— <i>HISPA FABRICII</i> , Guer.	128
	Fig. 4.—Anatomy of the foot of <i>CHALEPUS SPINIPES</i> , Fab.	128
	Fig. 5.— <i>CASSIDA LONGICORNIS</i> , Fab.	129
	Fig. 6.—Anatomical details of <i>CASSIDA DISCORS</i> , Fab.	129
	Fig. 7.—Antennæ of <i>CRYPTOCEPHALUS SPECIOSUS</i> , Guer.	129
	Fig. 8.— <i>CLYTHRA PERCHERON</i> , Gory	130
	Fig. 9.— <i>CHLAMYS CAPREA</i> , Klug.	130
	Fig. 10.— <i>LAMPROSOMA CORRISCA</i> , Gory	130
	Fig. 11.— <i>CHORAGUS SHEPPARDI</i> , Kirby	131
	Fig. 12.— <i>EUYOPE QUADRI-MACULATA</i> , Oliv.	131
	Fig. 13.— <i>EUMOLPUS CYANEUS</i> , Fab.	131
Plate 59.	Fig. 1.— <i>COLASPIS ILLUSTRIS</i> , Chev.	131
	Fig. 2.— <i>PODONTIA AFFINIS</i> , Germ.	132
	Fig. 3.— <i>PHYLLOCHARIS BICINCTA</i> , Guer.	132
	Fig. 4.— <i>PHYLLOCHARIS SPLENDENS</i> , Guer.	132
	Fig. 5.— <i>DORYPHORA MULTI-PUNCTATA</i> , Chev.	132
	Fig. 6.—Palpæ of <i>DORYPHORA ADUNCA</i> , Chev.	132
	Fig. 7.— <i>PAROPSIS OCTO-LINEATA</i> , Gory	132
	Fig. 8.— <i>TIMARCHA BALEARICA</i> , Gory	133
	Fig. 9.— <i>CHRYSOMELA HUMERALIS</i> , Gory	133
	Fig. 10.—Palpæ of <i>CHRYSOMELA SANGUINOLENTA</i> , Lin.	133
	Fig. 11.— <i>PHÆDON CYANOPTERUS</i> , Gory	134
	Fig. 12.— <i>PRASOCURIS HANOVERIANA</i> , Fab.	134
Plate 59. bis.	Fig. 1.— <i>ADORIUM BASALE</i> , Guer.	135
	Fig. 2.—Anatomical details of <i>ADORIUM BIPUNCTATUM</i> , Chev.	135
	Fig. 3.— <i>GALERUCA DIMIDIATA</i> , Guer.	135
	Fig. 4.—Anatomical details of <i>GALERUCA VIBURNI</i> , Payk.	135
	Fig. 5.—Antennæ of <i>GALERUCA QUADRI-MACULATA</i> , Lin.	135
	Fig. 6.— <i>LUPERUS CINTELLUS</i> , Chev.	135
	Fig. 7.—Anatomical details of <i>LUPERUS BRASSICÆ</i> , Panz.	135
	Fig. 8.— <i>OCTOGONOTES QUADRI-LINEATUS</i> , Chev.	135
	Fig. 9.— <i>OCTOGONOTES THORACICUS</i> , Bosc.	135
	Fig. 10.— <i>ÆDIONYCHIS FIGURATUS</i> , Chev.	136
	Fig. 11.— <i>PSYLLOIDES ANGLICA</i> , Chev.	136

INSECTA.

	Vol. IV. Page
Plate 59. bis. Fig. 12.— <i>DIBOLIA BOREALIS</i> , Chev.	136
Fig. 13.— <i>ALTICA CHEVROLATII</i> , Guer.	136
Fig. 14.— <i>LONGITARSUS DORSALIS</i> , Fab.	137
Plate 60. Fig. 1.— <i>EROTYLUS BENGALENSIS</i> , Guer. A new species.	137
Fig. 2.— <i>AEGYTHUS SURINAMENSIS</i> , Fab.	138
Fig. 3.— <i>TRIPLAX BRUNNIPES</i> , Chev.	138
Fig. 4.—Antennæ of <i>TRIPLAX NIGRIPENNIS</i> , Fab.	138
Fig. 5.— <i>LANGURIA AFRICANA</i> , Chev.	138
Fig. 6.— <i>PHALACHRUS GRANULATUS</i> , Guer.	138
Fig. 7.— <i>EUMORPHUS HAMATUS</i> , Guer.	139
Fig. 8.— <i>DAPSA TRIMACULATA</i> , Meg.	139
Fig. 9.— <i>EUDOMYCHUS TIBIALIS</i> , Chev.	139
Fig. 10.—Anatomical details of <i>LYCOPERDINA BIVISTÆ</i> , Fab.	139
Fig. 11.— <i>LYCOPERDINA LATA</i> , Chev.	139
Fig. 12.— <i>LITHOPHILUS RUPICOLLIS</i> , Dahl.	140
Plate 61. Fig. 1.— <i>COCCINELLA FURCIFERA</i> , Guer.	141
Fig. 2.—Anatomical details of <i>COCCINELLA OCELLATA</i> , Lin.	141
Fig. 3.— <i>CACIDULA LITURA</i> , Fab.	141
Fig. 4.— <i>SCYMNUS QUADRI-NOTTATUS</i> , Illig.	141
Fig. 5.— <i>CLYPEASTER PUSILLUS</i> , Gyl.	141
Fig. 6.— <i>METOPIAS CURCULIONOIDES</i> , Gory	141
Fig. 7.— <i>CHENNIUM RITUBERCULATUM</i> , Latr.	142
Fig. 8.—Anatomical details of a <i>DIONIX</i>	142
Fig. 9.— <i>PYTHINUS SECURIGER</i> , Leach	142
Fig. 10.— <i>PSELAPHUS HEISEI</i> , Herbst.	142
Fig. 11.— <i>BRYAXIS LEFEBVRII</i> , Aube	143
Fig. 12.— <i>BRYAXIS LONGICORNIS</i> , Leach	143
Fig. 13.— <i>BRYAXIS ANTENNATA</i> , Aube	143
Fig. 14.— <i>EUPLECTUS KIRBII</i> , Denny	143
Fig. 15.—Anatomical details of <i>EUPLECTUS NANUS</i> , Reich.	143
Fig. 16.— <i>CLAVIGER FOVEOLATUS</i> , Müll.	143
Fig. 17.— <i>PTILLIUM FASCICIARE</i> , Herbst.	144
Plate 62. Fig. 1.— <i>FORFICULA CROCEIPENNIS</i> , Serv.	146
Fig. 2.—Anatomical details of <i>FORFICULA AURICULARIA</i> , Lin.	147
Fig. 3.— <i>BLATTA PICTA</i> , Fab.	148
Fig. 4.—Anatomical details of <i>BLATTA ÆGYPTIACA</i> , Fab.	148
Fig. 5.— <i>EMPUSA LOBIPES</i> , Oliv.	149
Fig. 6.—Anatomical details of <i>EMPUSA PAUPERATA</i> , Fab.	150
Fig. 7.—Anatomical details of <i>MANTIS RELIGIOSA</i> , Lin.	150
Plate 63. Fig. 1.— <i>PHASMA ANNULATA</i> , Serv.	151
Fig. 2.—Antennæ of a <i>BACILLUS</i>	150
Fig. 3.—Head of a <i>CYPHOCRANA</i>	150
Fig. 4.— <i>BACTERIA SCABROSA</i> , Perch.	150
Fig. 5.—Anatomical details of <i>CLADOXERUS ROSEIPENNIS</i> , Guer.	151
Plate 64. Fig. 1.— <i>GRYLLUS SERVEILLEI</i> , Guer.	152
Fig. 2.—Anatomical details of <i>GRYLLUS CAMPESTRIS</i> , Fab.	153
Fig. 3.— <i>GRYLLOTALPA DIDACTYLUS</i> , Latr.	152
Fig. 4.—Anatomical details of <i>GRYLLOTALPA VULGARIS</i>	152
Fig. 5.— <i>TRIDACTYLUS FASCIATUS</i> , Perch.	153
Fig. 6.— <i>MYRMECOPHILA ACERVORUM</i> , Panz.	154
Fig. 7.— <i>LOCUSTA ERYTHROSOMA</i> , Encyc.	154
Fig. 8.— <i>PNEUMORA INANIS</i> , Fab.	155
Fig. 9.— <i>ACRYDIUM TARSATUM</i> , Serv.	157
Fig. 10.—Anatomical details of <i>ACRYDIUM MIGRATORIUM</i>	156

	INSECTA.	Vol. IV. Page
Plate 65.	Fig. 1.—SCUTELLERA DIVES, Guer.	160
	Fig. 2.—PENTATOMA YOLOFA, Guer.	160
	Fig. 3.—Anatomical details of PENTATOMA GRISEA, Latr.	161
	Fig. 4.—TESSERATOMA SONNERATII, Serv. and St. Farg.	161
	Fig. 5.—PHLEEA CASSIDOIDES, Serv. and St. Farg.	161
	Fig. 6.—COREUS RUBIGINOSUS, Guer.	161
	Fig. 6. a.—Antennæ of a GONOCERUS	162
	Fig. 6. b.—Antennæ of a SYROMASTES	162
	Fig. 7.—Antennæ of a PACHLIS	162
	Fig. 8.—Antennæ of a HOLIHYMENIA	162
	Fig. 9.—ANISCECELIS PROFANUS, Fab.	162
	Fig. 10.—ALYDUS ANNULICORNIS, Guer.	163
	Fig. 11.—NEIDES TIPULARIA, Latr.	163
Plate 66.	Fig. 1.—LYGÆUS PÆYI, Guer.	163
	Fig. 2.—Anatomical details of LYGÆUS APTERUS, Lin.	163
	Fig. 3.—MACROCHERAIA GRANDIS, Gray	163
	Fig. 4.—SALDA ERYTHROCEPHALA, Serv.	163
	Fig. 5.—Head of MYODOCHA TIPULOIDES, Latr.	164
	Fig. 6.—ASTEMMA MERCURIALIS, Guer.	164
	Fig. 7.—MYRIS PULCHELLUS, Guer.	164
	Fig. 8.—Antennæ of CAPSUS FLAVICOLLIS, Fab.	164
	Fig. 9.—Antennæ of HETER SPISSICORNIS, Latr. ; Capsus spissicornis	164
	Fig. 10.—MACROCEPHALUS AFFINIS, Guer.	165
	Fig. 11.—Antennæ of PH. CRASSIPES, Fab.	165
	Fig. 12.—Antennæ of PH. EROSA, Fab.	165
	Fig. 13.—Antennæ of TINGIS PYRI, Fab.	165
	Fig. 14.—Antennæ of ARADUS CORTICALIS	165
	Fig. 15.—ARADUS LUNATUS, Fab.	165
	Fig. 16.—Anatomical details of CIMEX LECTULARIUS, Lin.	165
	Fig. 17.—REDUVIUS AMÆNUS, Guer.	166
	Fig. 18.—REDUVIUS PERSONATUS, Lin.	166
	Fig. 19.—PLOIARIA PALLIDA, Guer.	167
Plate 67.	Fig. 1.—HYDROMETRA STAGNORUM, Lin.	167
	Fig. 2.—GERRIS MARGINATUS, Guer.	168
	Fig. 3.—VELIA RIVULORUM, Fab.	168
	Fig. 4.—GALGULUS FLAVUS, Guer.	168
	Fig. 5.—NAUCORIS PÆYI, Gu r.	169
	Fig. 6.—Antennæ of SPHERODEMA ROTUNDATA, Lap.	169
	Fig. 7.—NEPA GRISEA, Guer.	170
	Fig. 8.—RANATRA FILIFORMIS, Fab.	170
	Fig. 9.—CORIXA CUBÆ, Guer.	170
	Fig. 10.—NOTONECTA FURCATA, Fab.	171
Plate 68.	Fig. 1.—CICADA DIARDI, Guer.	174
	Fig. 2.—FULGORA LATHBURI, Kirby	174
	Fig. 3.—APHENA VARIEGATA, Guer.	174
	Fig. 4.—CIXIUS PELLUCIDUS, Guer.	174
	Fig. 5.—Head of LYSTRA LANATA, Fab.	175
	Fig. 6.—RICANIA MARGINELLA, Guer.	175
	Fig. 7.—PÆCILOPTERA MACULATA, Guer.	175
	Fig. 8.—Head of FLATA FLOCCOSA, Guer.	175
	Fig. 9.—TETTIGOMETRA VIRESCENS, Latr.	175
	Fig. 10.—ISSUS PECTINIPENNIS, Guer.	176
	Fig. 11.—Head of ISSUS COLEOPTRATUS, Fab.	176
	Fig. 12.—Head of OTIOCERUS COQUEBERTII, Kirby	175
	Fig. 13.—ANOTIA COCCINEA, Guer.	176
	Fig. 14.—Head of DERBO PALLIDA, Fab.	176
	Fig. 15.—ASIRACA CLAVICORNIS, Fab.	176

INSECTA.		Vol. IV. Page
Plate 68.	Fig. 16.— <i>UGYOPS PERCHERONII</i> , Guer.	. 176
	Fig. 17.—Head of <i>DELPHAX MINUTA</i> , Fab.	. 176
Plate 69.	Fig. 1.— <i>MEMBRACIS MEXICANA</i> , Guer.	. 177
	Fig. 2.— <i>DARNIS AFFINIS</i> , Guer.	. 177
	Fig. 3.— <i>BOCIDIUM PROXIMUM</i> , Guer.	. 177
	Fig. 4.— <i>CENTROTUS ANCHORAGO</i> , Guer.	. 177
	Fig. 5.—Anatomical details of <i>CENTROTUS CORNUTUS</i> , Fab.	. 177
	Fig. 6.—Anatomical details of <i>ÆTALION RELICULATUM</i> , Latr.	. 178
	Fig. 7.— <i>LEDRA AURITA</i> , Fab.	. 178
	Fig. 8.— <i>CERCOPIS URVILLEI</i> , Serv.	. 179
	Fig. 9.—Anatomical details of <i>CERCOPIS SANGUINOLENTA</i> , Panz.	. 179
	Fig. 10.— <i>TETTIGONIA PULCHELLA</i> , Guer.	. 180
	Fig. 11.— <i>PSILLA GENISTÆ</i> , Guer.	. 181
	Fig. 12.—Antennæ of a <i>LIVIA</i>	. 181
	Fig. 13.— <i>THRIPS FASCIATA</i> , Fab.	. 181
	Fig. 14.—Antennæ of <i>THRIPS ULMI</i> , Fab.	. 181
	Fig. 15.— <i>APHIS ROSÆ</i> , Fab.	. 182
	Fig. 16.—Head of an <i>ALEIRODES</i>	. 183
	Fig. 17.— <i>COCCUS CACTI</i> , Lin.	. 185
Plate 70.	Fig. 1.— <i>LIBELLULA INDICA</i> , Fab.	. 189
	Fig. 2.—Nymphæ of <i>LIBELLULA DEPRESSA</i> , Lin.	. 189
	Fig. 3.—Hinder claws of the <i>ÆSHNE</i> of Egypt	. 190
	Fig. 4.— <i>AGRION CHINENSIS</i> , Guer. Fab.	. 190
	Fig. 5.—Hinder claws of <i>AGRION VIRGO</i> , Fab.	. 191
	Fig. 6.—Nymphæ and Anatomical details of <i>AGRION PUELLA</i> , Lin.	. 191
	Fig. 7.— <i>EPHEMERA LIMBATA</i> , Serv.	. 193
	Fig. 8.—Larva of <i>EPHEMERA VULGATA</i> , Lin.	. 193
	Fig. 9.— <i>EPHEMERA BILOCULATA</i> , Fab.	. 193
Plate 71.	Fig. 1.— <i>NEMOPTERA EXTENSA</i> , Oliv. ; <i>Nemoptera halferata</i> , Fab.	. 194
	Fig. 2.— <i>BITTACUS TIPULARIUS</i> , Latr.	. 194
	Fig. 3.—Anatomical details of <i>PANORPA COMMUNIS</i> , Lin.	. 194
	Fig. 4.— <i>BOREUS HIEMALIS</i> , Lin.	. 194
Plate 72.	No. 1.—Parts of the skeleton of <i>GEOTRUPES NASICORNIS</i> .	
	Fig. 1.—Pronotum from beneath, the prosternum is removed. <i>a, a.</i> —The reflexed margin.	
	Fig. 2.—Prosternum from beneath.	
	Fig. 3.—The same from the side. <i>a.</i> —The internal processes.	
	Fig. 4.—Meso and metathorax from above.	
	Fig. 5.—Mesosternum with the scapulæ. <i>E.</i> —Mesosternum. <i>D, D.</i> —Ala anterior scapulæ. <i>D*, D*.</i> —Ejusd. ala posterior.	
	Fig. 6.—Meso and metathorax from below.	
	Fig. 7.—Mesosternum from within. <i>a, a, a.</i> —The three points of the processus internus.	
	Fig. 8.—The internal process from the side. <i>a, a, a.</i> —The three points.	
Plate 72.	No. 2.—Skeleton of <i>CETONIA AURATA</i> .	
	Fig. 1.—Meso and metathorax from above.	
	Fig. 2.—The same from beneath.	
	Fig. 3.—Prosternum and scapulæ seen from the front.	
	Fig. 4.—The connate sternum from within. <i>a, a.</i> —Proc. intern. mesosterni. <i>b.</i> —Proc. intern. metast.	
Plate 72	No. 3.—Skeleton of <i>HYDROPHILUS PICEUS</i> .	
	Fig. 1.—Pronotum from beneath. <i>a, a.</i> —Reflexed margin	
	Fig. 2.—Prosternum from beneath.	
	Fig. 3.—Mesonotum from above.	
	Fig. 4.—Metanotum from above.	

INSECTA.

Plate 72.	Fig. 5.—Sternum from without.		
	Fig. 6.—Sternum from within. <i>a, a.</i> —The internal processes of the mesosternum which ascend to the scapulæ. <i>b, b.</i> —Wings of the processus internus metasterni.		
	Fig. 7.—Sternum from the side. <i>a, a.</i> —The pro. int. mesost. ascending as far as the scapulæ. <i>b, b.</i> —Both wings of the processus internus metast. <i>d.</i> —This process itself. <i>e.</i> —A thin horny lamella which lies beneath the proc. <i>g.</i> —An externally visible aperture which indicates the point of division between the two parts of the connate sternum.		
	Fig. 8.—Parapleuræ from the inner surface, with the tendon of the large extensor of the wing. <i>a.</i> —The plate-shaped distension. <i>b.</i> —The central petiole which is affixed to the anterior main nervure of the wing.		
Plate 73.	Fig. 1.—MYRMELEON PERCHERONII, Guer.	.	195
	Fig. 2.—Larva of MYRMELEON FORMICARIUS, Lin.	.	195
	Fig. 3.—ASCALAPHUS BRASILIANUS, Guer.	.	195
	Fig. 4.—HEMEROBIUS CAPITATUS, Fab.	.	197
	Fig. 5.—Anatomy of the HEMEROBIUS of Egypt	.	197
	Fig. 6.—SIALIS LUTARIUS, Latr.	.	198
Plate 74.	Fig. 1.—CIMBEX PATERALIS, Guer.	.	210
	Fig. 2.—Anatomy of the PERGA	.	210
	Fig. 3.—SCHIZOCERA FURCATA, Fab.	.	211
	Fig. 4.—Anatomy of the HYLLOT	.	211
	Fig. 5.—Anatomy of the TENTHREDO	.	211
	Fig. 6.—CLADIUS PALLIPES, Lep.	.	212
	Fig. 7.—Anatomy of CLADIUS DIFFORMIS	.	212
	Fig. 8.—Anatomy of the ATHALIA	.	212
	Fig. 9.—Anatomy of the PTERYGOPHORUS	.	213
	Fig. 10.—Anatomy of the LOPHYRUS	.	213
	Fig. 11.—Anatomy of the PAMPHILIUS	.	213
	Fig. 12.—XYELA PUSILLA, Dal.	.	213
	Fig. 13.—CEPHUS FLAVIVENTRIS, Lef.	.	214
	Fig. 14.—Larva, &c. of CEPHUS PYGMEUS	.	214
	Fig. 15.—Anatomy of a XIPHYDRIA	.	214
	Fig. 16.—Anatomy of a ORYSSUS	.	214
	Fig. 17.—SIREX LEFEBVRE	.	215
	Fig. 18.—Anatomical details of a SIREX	.	215
Plate 75.	Fig. 1.—EVANIA CABÆ, Guer.	.	216
	Fig. 2.—Abdomen of EVANIA APPENDIGASTER, Fab.	.	216
	Fig. 3.—PELECINUS POLYGERATOR, Latr.	.	216
	Fig. 4.—FÆNUS CAPENSIS, Serv.	.	216
	Fig. 5.—STEPHANUS FURCATUS, Serv.	.	218
	Fig. 6.—OPHION MARGINATUS, Fab.	.	218
	Fig. 7.—JOPPA PICTA, Serv.	.	220
	Fig. 8.—ICHNEUMON GROSSORIUS, Gray	.	219
	Fig. 9.—PELTASTES SUARIUS, Gray	.	221
Plate 76.	Fig. 1.—ACENITUS ARATOR, Rossi.	.	221
	Fig. 2.—AGATHIS PURGATOR, Fab.	.	221
	Fig. 3.—BRACON ORNATOR, Fab.	.	221
	Fig. 4.—Anatomical details of BRACON DENIGRATOR, Lin.	.	221
	Fig. 5.—VIPIO NOMINATOR, Latr.	.	222
	Fig. 6.—MICROGASTER DEPRIMATOR, Latr.	.	222
	Fig. 7.—Anatomical details of MICROGASTER ALVEARIUS, Lin.	.	222
	Fig. 8.—HELCON SPINATOR, Serv.	.	222
	Fig. 9.—SIGALPHUS IRROTOR, Latr.	.	222

INSECTA.		Vol. IV.	Page
Plate 76.	Fig. 10.—CHELONUS OCCULATOR, Jurine		222
	Fig. 11.—ALYSIA MANDUCATOR, Fab.		222
Plate 77.	Fig. 1.—CYNIPS QUERCUS TOJÆ, Fab.		221
	Fig. 2.—IBALIA CULTELLATOR, Fab.		224
	Fig. 3.—FIGITES SCUTELLARIS, Latr.		224
	Fig. 4.—CHALCIS LASNIERII, Guer.		225
	Fig. 5.—Anatomical details of CHALCIS MACLEANII, Curt.		225
	Fig. 6.—CHALCIS CAUDATUS, Guer.		225
	Fig. 7.—LEUCOSPIS PEDICULATA, Guer.		226
	Fig. 8.—THORACANTHA LATREILLII, Guer.		226
	Fig. 9.—Head of an AGAON		226
	Fig. 10.—Head of DIRHINUS, Dalm.		227
	Fig. 11.—EURYTOMA COOPERII, Curt.		227
	Fig. 12.—PERILAMPUS VIOLACEUS, Fab.		227
	Fig. 13.—Antennæ of the CLEONYMUS		227
	Fig. 14.—Antennæ of the ENCYRTUS		227
	Fig. 15.—EULOPHUS PECTINICORNIS, Fab.		227
Plate 78.	Fig. 1.—DRYINUS CURSOR, Hal.		228
	Fig. 2.—HELORUS ANOMALIPES, Panz.		229
	Fig. 3.—SPARASION FRONTALE, Latr.		230
	Fig. 4.—GALESUS FUSCIPENNIS, Curt.		230
	Fig. 5.—PLATYGASTER BOSCHII, Jurine		230
	Fig. 6.—MYMAR PULCHELLUS, Walk.		230
	Fig. 7.—Anatomical details of TELEAS ELATIOR, Hal.		230
	Fig. 8.—Antennæ of a CINETUS		230
	Fig. 9.—CHRYSIS MEXICANA, Guer.		231
	Fig. 10.—Anatomical details of the HEDYCHRUM		231
	Fig. 11.—CLEPTES THORACICA, Lap.		232
Plate 79.	Fig. 1.—FORMICA RUFA, Lin.		236
	Fig. 2.—ATTA ARMIGERA, Latr.		237
	Fig. 3.—CRYPTOCERUS ATRATUS, Latr.		237
	Fig. 4.—MUTILLA SENEX, Guer.		238
	Fig. 5.—Anatomical details of MUTILLA EPHIPIUM, Fab.		238
	Fig. 6.—MYRMOSE MELANOCEPHALA, Latr.		239
	Fig. 7.—METHOCA ICHNEUMONIDES, Latr.		239
	Fig. 8.—TENGYRA SANVITALI, Latr.		240
	Fig. 9.—MYZINE VOLVULUS, Latr.		241
	Fig. 10.—SCOLIA FORMOSA, Guer.		241
	Fig. 11.—SAPYGA VARIA, Latr.		241
Plate 80.	Fig. 1.—POMPIIUS VIATICUS, Fab.		242
	Fig. 2.—SPHEX AURUONTA, Guer.		242
	Fig. 3.—AMMOPHILUS APICALIS, Guer.		243
	Fig. 4.—AMPULEX COMPRESSIVENTRIS, Guer.		244
	Fig. 5.—PELOPÆUS LUNATUS, Fab.		245
	Fig. 6.—BEMBEX PERUVIANA, Guer.		245
	Fig. 7.—Anatomical details of a BEMBEX		245
	Fig. 8.—Anatomical details of a MONEDULA		246
	Fig. 9.—LYROPS ACRIVENTRIS, Guer.		246
	Fig. 10.—DINETUS PICTUS, Jurine		246
Plate 81.	Fig. 1.—ASTATA BOOPS, Spin.		247
	Fig. 2.—OXYBELUS UNIGLUMIS, Fab.		247
	Fig. 3.—TRYPOXYLON FIGULUS, Latr.		248
	Fig. 4.—GORYTES MYSTACEUS, Latr.		248
	Fig. 5.—CRABRO CEPHALOTES, Lin.		248
	Fig. 6.—MELLINUS ARVENSTIS, Lin.		249

INSECTA.		Vol. IV. Page
Plate 81.	Fig. 7.— <i>PSEN ATER</i> , Latr.	249
	Fig. 8.—Anatomical details of <i>PHILLANTHUS ANDROGYNUS</i> , Risso	250
	Fig. 9.— <i>CERCERIS BIFASCIATA</i> , Guer.	250
	Fig. 10.—Anatomical details of <i>CERCERIS LÆTA</i> , Fab.	250
Plate 82.	Fig. 1.— <i>CELONITES APIFORMIS</i> , Latr.	251
	Fig. 2.— <i>CERAMIUS FONSCOLOMBII</i> , Klug.	252
	Fig. 3.— <i>SYNAGRIS CALIDA</i> , Fab.	252
	Fig. 4.— <i>EUMENES SAVIGNYI</i> , Guer.	252
	Fig. 5.— <i>ODYNERUS ELEGANS</i> , Guer.	252
	Fig. 6.— <i>POLISTES LEFEBVRII</i> , Guer.	253
	Fig. 7.— <i>POLISTES NIDULANS</i> , Fab.	253
Plate 83.	Fig. 1.— <i>ANDRENA FEMORALIS</i> , Guer.	257
	Fig. 2.—Anatomical details of <i>ANDRENA KIRBII</i> , Curt.	257
	Fig. 3.— <i>NOMIA CRASSIPES</i> , Oliv.	258
	Fig. 4.— <i>PANURGUS ATER</i> , Latr.	259
	Fig. 5.— <i>XYLOCOPA AURIPENNIS</i> , Lep.	259
	Fig. 6.— <i>CERATINA VIRIDIS</i> , Guer.	260
	Fig. 7.— <i>MEGACHILE CENTUNCULARIS</i> , Lin.	261
	Fig. 8.— <i>ANTHIDIUM DIADEMA</i> , Latr.	262
	Fig. 9.— <i>CÆLIOXYS RUFIPES</i> , Guer.	262
	Fig. 10.—Anatomical details of <i>CÆLIOXYS VICTIS</i> , Curt.	262
Plate 84.	Fig. 1.— <i>EPEOLUS VARIEGATUS</i> , Lin.	263
	Fig. 2.— <i>CROCISA PULCHELLA</i> , Guer.	264
	Fig. 3.— <i>MELITURGA CLAVICORNIS</i> , Latr.	265
	Fig. 4.— <i>ANTHOPHORA APICALIS</i> , Guer.	265
	Fig. 5.—Anatomical details of <i>ANTHOPHORA HAWORTHANA</i> , Kirby	265
	Fig. 6.— <i>CENTRIS CLYPEATA</i> , Lepel.	266
	Fig. 7.— <i>MACROCERA LASNIERII</i> , Guer.	264
Plate 85.	Fig. 1.— <i>ACANTHOPUS SPLENDIDUS</i> , Klug.	266
	Fig. 2.— <i>EUGLOSSA DENTATA</i> , Latr.	266
	Fig. 3.— <i>BOMBUS DAHLBOMII</i> , Guer.	266
	Fig. 4.— <i>APIS ADANSONII</i> , Latr.	269
	Fig. 5.—Anatomical details of <i>APIS MELLIFICA</i> , Lin.	269
	Fig. 6.— <i>MELIPONA FULVIPES</i> , Guer.	273
	Fig. 7.— <i>TRIGONA FASCIATA</i> , Guer.	273
Plate 86.	Fig. 1.—A portion of the hard membrane of the brain of <i>DYTISCUS MARGINALIS</i> .	
	Fig. 2.—Brain of the caterpillar of <i>COSSUS LIGNIPERDA</i> , Lyonet. A.—Cerebrum. B.—Cerebellum. <i>a, a</i> .—Nerves of the eyes. <i>b, b</i> .—Of the antennæ. <i>c</i> .—Cord round the œsophagus. <i>d, d</i> .—Cord connecting the cerebrum and cerebellum. <i>e, e</i> .—Nerves of the mandibles, the branches of the second nerve of the lip <i>g, g</i> , whence a branch for a muscle, N, originates. <i>f, f</i> .—Nerves of the maxillæ. <i>g, g</i> .—Second connecting nerve of the labium, of which the nerve of the mandible is a branch. <i>g*, g*</i> .—First nerves of the labium, which give off a branch, M, to the muscles of the maxillæ. O, O.—Nerves of the muscles of the mandibles and antennæ. P, P.—Nerves of the muscles of the mandibles. R, R.—Nerves that distribute themselves at the posterior portion of the skull. S, S.—Nerves of the muscles of the neck, which pass into the thorax. V, V.—Connecting cords of the cerebellum and first thoracic ganglion. D.—The frontal ganglion, formed of the two branches, E E, whence the sympathetic nerve, F, originates.	

INSECTA.

- Plate 86. Fig. 3.—Cerebrum of the caterpillar of *COSSUS LIGNIPERDA*, Lyonet. E, E.—Branches to the frontal ganglion. O.—Nerve of the muscles of the mandibles. *b, b.*—Nerves of the antennæ. *a, a.*—Nerves of the eyes. *c c.*—Cord of the œsophagus. P, P.—Nerves of museles. A, A.—Small ganglion of the sympathetic nerve. B, B.—Branches. F.—Nervus sympathicus.
- Fig. 4.—Brain of *MELOLONTHA VULGARIS*, Straus. A.—Cerebrum. B.—Cerebellum. *a, a.*—Optic nerves. *b, b.*—Nerves of the antennæ. *d, d.*—First ganglion of the sympathic system. G, G.—Second ganglion. D.—Frontal ganglion. *e, e.*—Nerves of the mandibles. *f, f.*—Nerves of the maxillæ.
- Fig. 5.—Cerebellum alone, of *MELOLONTHA VULGARIS*. *e, e.*—Nerves of mandibles. *f, f.*—Nerves of maxillæ. *k, k.*—Cõnnecting cord with the cerebrum. *h, h.*—Cõnnecting cords to the first thoracic ganglia.
- Fig. 6.—Cerebrum of *GRYLLUS MIGRATORIUS*, with the sympathetic system seen from above. A, A.—Optic nerves. B, B.—Nerves of the antennæ. *a.*—Frontal ganglion. *b.*—First ganglion, in which the odd nerve terminates. *c, c.*—The large ganglia. *e, e.*—The small ganglia, whence the sympathetic nerve originates by two branches, which again unite at *d** and *d**. *e, e.*—Small ganglia upon the œsophagus. *f, f.*—First ganglion upon the crop. *g, g.*—Second, which lies at the end of the crop. *h, h.*—Nerves which pass between the blind appendages.
- Fig. 7.—Brain of *GRYLLUS MIGRATORIUS*, seen from the front. A, A.—Optic nerves. *a, a.*—Nerves which pass to the frontal ganglion. *b, b.*—Nerves of the antennæ. *a*, a*, a*.*—Nerves to the ocelli. *d, d.*—Cõnnecting cords between the cerebrum and cerebellum. *d*.*—The cõnnecting cord of these. B.—Cerebellum. *e, e.*—Nerves of the mandibles. *f, f.*—Nerves of the maxillæ.
- Fig. 8.—Ventral cord of the fly *ERISTALIS TENAX*. *a, a.*—Cõnnecting cords with the cerebellum. A, A.—Nerves of the anterior legs. B, B.—Of the intermediate. C, C.—Of the posterior. *b, b.*—Branches of the muscles which pass into the abdomen. *d.*—First abdominal ganglion. *c, c.*—Branches of it. *e.*—Second abdominal ganglion. *f, f, h, h, g, g.*—Branches of it to the genitalia and other internal organs.
- Plate 87. Fig. 1. A.—Brain of the larva of *CALOSOMA SYCOPHANTA*. A.—Cerebrum. *a, a.*—Optic nerves. *b, b.*—Nerves of the antennæ. *d, d.*—Branches to the frontal ganglion. D.—Frontal ganglion. F.—First ganglion of the sympathetic system. B.—Cerebellum. *e, e.*—Nerves of the mandibles. *f, f.*—Nerves of the maxillæ. *g, g.*—Nerves of the labium.
- Fig. 1. B.—Part of the ganglionic ventral cord of the larva of *CALOSOMA SYCOPHANTA*. *k.*—Cerebellum. *h, h.*—Auxiliary cõnnecting cord, with the first thoracic ganglion. *n, n.*—Auxiliary ganglia. A, A.—Nerves of the anterior legs. L.—First thoracic ganglion. *i, i.*—Auxiliary cõnnecting cords of the first and second ganglia, forming small ganglia, *m m.* *k, k.*—Auxiliary cõnnecting cords between the second and third ganglia. M.—Second thoracic ganglion. N.—Third. O.—Fourth. *p, p, q, q, r, r, s, s.*—Nerves of muscles. B, B.—Nerves of the intermediate legs. C, C.—Nerves of the posterior legs.
- Fig. 2.—The ventral cord of *DYTISCUS MARGINALIS*. A, A.—Nerves of the anterior legs. B, B.—The intermediate ones. C, C.—The posterior ones.

INSECTA.

Plate 87. Fig. 3.—Ventral cord of the larva of *ERISTALIS TENAX*.
 Fig. 4.—Cerebrum of *VESPA GERMANICA*. *a, a, a*.—Nerves to the ocelli.
A, A.—Optic nerves. *B, B*.—Nerves of the antennæ, cut off.
c.—Branch to the cerebellum.
 Fig. 5.—Cerebrum and sympathetic system of the caterpillar of *LIPARIS MORI*, Brandt. *A, A*.—Nerves of the eyes. *B, B*.—Nerves of the antennæ. *C, C*.—Hemispheres of the cerebrum. *a, a, a, a*.—Nerves which originate from the frontal ganglion and its branches. *b*, b**.—First ganglion of the œsophagus. *b**, b***.—Second ganglion of the œsophagus. *f*.—Nervus sympathicus. *d*.—Its first ganglion. *e*.—Its second ganglion.
 Fig. 6.—The same in the developed moth, marked as before.
 Fig. 7.—The same of *MELOE PROSCARABEUS*, Brandt, marked similarly.

	Vol. IV. Page
Plate 88. Fig. 1.— <i>PAPILIO LATREILLII</i> , Godard	278
Fig. 2.—Caterpillar and Chrysalis of <i>PAPILIO MACHAON</i> , Lin.	279
Fig. 3.— <i>PARNASSIUS PHŒBUS</i> , Fab. Godard	279
Fig. 4.— <i>THAIS CERISYI</i> , Godard	279
Plate 89. Fig. 1.— <i>PIERIS THIRIA</i> , Godard	279
Fig. 2.—Caterpillar and Chrysalis of <i>PIERIS BRASSICÆ</i> , Lin.	279
Fig. 3.— <i>HELICONIA LANGSDORFII</i> , Godard	280
Fig. 4.— <i>DANAIDA EUNICE</i> , Godard	280
Plate 90. Fig. 1.— <i>VANESSA CALLITHEA</i> , Godard	281
Fig. 2.— <i>ARGYNNIS MONETA</i> , Geyer	280
Fig. 3.—Caterpillar and Chrysalis of <i>ARGYNNIS PAPHIA</i> , Godard	280
Fig. 4.— <i>NYMPHALIS ETHEA</i> , Godard	280
Fig. 5.—Caterpillar and Chrysalis of <i>NYMPHALIS ILIA</i> , Godard	282
Plate 91. Fig. 1.— <i>SATYRUS BALDER</i> , Boisd.	283
Fig. 2.—Caterpillar and Chrysalis of <i>SATYRUS JURTINA</i> , Godard	283
Fig. 3.— <i>EUMENIA TOXEA</i> , Godard	283
Fig. 4.— <i>ERYBIA CAROLINA</i> , Godard	283
Plate 92. Fig. 1.— <i>PAVONIA ACADINA</i> , Godard	282
Fig. 2.— <i>MORPHO ACTORION</i> , Godard	282
Fig. 3.—Anatomical details of <i>MORPHO PHIDIPPUS</i> , Godard	282
Fig. 4.— <i>BRASSOLIS ASTYRA</i> , Godard	283
Plate 93. Fig. 1.— <i>URANIA BOISDUVALII</i> , Godard	285
Fig. 2.— <i>HESPERIA SABADIUS</i> , Bdv.	285
Fig. 3.—Caterpillar and Chrysalis of <i>HESPERIA TAGES</i> , Fab.	285
Fig. 4.—Caterpillar of <i>HESPERIA LINEA</i> , Fab.	285
Plate 94. Fig. 1.— <i>ERYCINA VIRGINIENSIS</i> , Boisd.	284
Fig. 2.—Caterpillar Chrysalis and Anatomy of <i>ERYCINA LUCINA</i>	284
Fig. 3.— <i>MYRINA JAFFRA</i> , Godard	284
Fig. 4.— <i>POLYOMMATUS THOE</i> , Boisd.	284
Fig. 5.—Caterpillar and Chrysalis of <i>POLYOMMATUS FRUNI</i> , Godard	284
Fig. 6.— <i>ZEPHYRIUS AMOR</i> , Dahn.	284
Fig. 7.—Anatomy of <i>POLYOMMATUS ROXUS</i> , Godard	284
2nd. Plate 94. Fig. 1.— <i>SPLINX JASMINARUM</i> , Bdv.	287
Fig. 2.— <i>SMERINTHUS IO</i> , Bdv.	288
Fig. 3.— <i>SESIA ASILIPENNIS</i> , Bdv.	289
Plate 95. Fig. 1.— <i>HEPIALUS LUPULINUS</i> , Fab.	292
Fig. 2.— <i>COSSUS MACMURTREI</i> , Bdv.	293
Fig. 3.—Caterpillar of <i>COSSUS LIGNIPERDA</i> , Fab.	293

INSECTA.		Vol. IV. Page
Plate 95.	Fig. 4.— <i>STYGIA AUSTRALIS</i> , Latr.	293
	Fig. 5.— <i>ZEUZERA SCALARIS</i> , Donov.	293
	Fig. 6.—Caterpillar of <i>ZEUZERA ÆSCULI</i> , Fab.	293
	Fig. 7.—Caterpillar of <i>HEPIALUS HUMULI</i> , Fab.	292
Plate 96.	Fig. 1.— <i>AGARISTA PALES</i> , Bdv.	286
	Fig. 2.—Caterpillar and Chrysalis of <i>AGARISTA GLYCINÆ</i> , Lewin.	286
	Fig. 3.— <i>CORONIS LEACHII</i> , Godard	287
	Fig. 4.— <i>CASTNIA ACRÆOIDES</i> , Bdv.	287
Plate 97.	Fig. 1.— <i>THYRIS SEPULCHRALIS</i> , Bdv.	289
	Fig. 2.— <i>ÆGOCERA RECTILINEA</i> , Bdv.	289
	Fig. 3.— <i>ZIGÆNA PULCHELLA</i> , Bdv.	290
	Fig. 4.— <i>ZIGÆNA FILIPENDULÆ</i> , Lin.	290
	Fig. 5.— <i>PROCRIS NEBULOSA</i> , Klug.	290
	Fig. 6.— <i>SYNTOMIS MYODES</i> , Bdv.	290
	Fig. 7.— <i>SYNTOMIS PHÆGEA</i> , Fab.	290
	Fig. 8.— <i>ATYCHIA PUMILA</i> , Och. Lat.	290
	Fig. 9.—Caterpillar and Chrysalis of <i>AGLAOPE INFAUSTA</i>	290
	Fig. 10.— <i>GLAUCOPIS FOLLETHI</i> , Feist.	290
	Fig. 11.— <i>AGLAOPE AMERICANA</i> , Bdv.	290
Plate 98.	Fig. 1.— <i>SATURNIA BAUINIÆ</i> , Bdv.	294
	Fig. 2.—Caterpillar of <i>SATURNIA LUNA</i> , Fab.	294
	Fig. 3.—Chrysalis of <i>SATURNIA PAVONIA-MINOR</i> , Lin.	294
	Fig. 4.— <i>BOMBYX DIGRAMMA</i> , Bdv.	295
	Fig. 5.—Caterpillar of <i>BOMBYX PENNSYLVANICA</i> , Bdv.	295
	Fig. 6.— <i>LASIOCAMPA PROBOSCIDEA</i> , Bdv.	295
Plate 98. bis.	Fig. 1.— <i>CHELONIA EVIDENS</i> , Bdv.	298
	Fig. 2.—Caterpillar of <i>CHELONIA NUBILIS</i> , Bdv.	298
	Fig. 3.—Anatomical details of <i>CHELONIA CHRYSORHÆA</i>	298
	Fig. 4.— <i>CALLIMORPHA LECONTEI</i>	298
	Fig. 5.— <i>DICRANOURA BOREALIS</i> , Bdv.	299
	Fig. 6.— <i>LITHOSIA LÆTA</i> , Bdv.	298
	Fig. 7.— <i>LITHOSIA LUTEOLA</i>	298
	Fig. 8.—Caterpillar of <i>LITHOSIA PULCHELLA</i>	299
	Fig. 9.— <i>PLATYPTERIX GLOBULARIÆ</i> , Bdv.	299
Plate 99.	Fig. 1.— <i>SERICARIA RANÆCEPS</i> , Bdv.	297
	Fig. 2.—Caterpillar of <i>SERICARIA TESSELLATA</i> , Bdv.	297
	Fig. 3.— <i>NOTODONTA ZICZAC</i> , Lin.	297
	Fig. 4.— <i>ORGYIA DETRITA</i> , Bdv.	297
	Fig. 5.—Caterpillar and Chrysalis of <i>ORGYIA GONOSTIGMA</i> , Fab.	297
	Fig. 6.— <i>LIMACODES DELPHINI</i> , Bdv.	297
	Fig. 7.—Caterpillar of <i>LIMACODES STRIGATA</i> , Bdv.	297
	Fig. 8.—Caterpillar of <i>LIMACODES INDETERMINATA</i>	297
	Fig. 9.— <i>PSYCHE CALVELLA</i> , Ochs.	298
	Fig. 10. <i>a, b, c, d.</i> —Details of the Caterpillar of <i>PSYCHE NITIDELLA</i>	298
Plate 100.	Fig. 1.— <i>NOCTUA IMPERATOR</i> , Bdv.	300
	Fig. 2.— <i>EREBUS LIMAGINA</i> , Bdv.	300
	Fig. 3.—Caterpillar of <i>EREBUS PITRESCENS</i> , Bdv.	300
	Fig. 4.—Caterpillar and Chrysalis of <i>NOCTUA SPONSA</i> , Fab.	300
	Fig. 5.— <i>PYRALIS FAGANA</i> , Fab.	302
Plate 101.	Fig. 1.— <i>PHALÆNA MACHAONARIA</i> , Bdv.	303
	Fig. 2.— <i>PHALÆNA GUTTARIA</i> , Bdv.	303
	Fig. 3.—Anatomy of <i>PHALÆNA FAVILLACEA</i> , Hub.	303

INSECTA.		Vol. IV. Page
Plate 101.	Fig. 4.—Caterpillar of <i>PHALÆNA GROSSULARIATA</i> , Lin.	303
	Fig. 5.— <i>HERMINIA SIDONIA</i> , Cram.	304
	Fig. 6.—Head of <i>HERMINIA CRASSALIS</i> , Fab.	304
	Fig. 7.— <i>BOTYS DILUCIDALIS</i> , Bdv.	305
	Fig. 8.—Head of <i>BOTYS CINGULALIS</i> , Hub.	305
	Fig. 9.— <i>HYDROCAMPE AQUATILIS</i> , Bdv.	305
	Fig. 10.—Caterpillar of <i>HYDROCAMPE NYMPHEATA</i> , Latr.	306
	Fig. 11.— <i>AGLOSSA DILUCIDALIS</i> , Bdv.	306
	Fig. 12.— <i>GALLERIA CEREANA</i> , Fab.	306
	Fig. 13.—Caterpillar of <i>GALLERIA COLONELLA</i> , Hub.	306
	Fig. 14.— <i>CRAMBUS RETUSALIS</i> , Bdv.	307
	Fig. 15.—Anatomy of <i>CRAMBUS RADIELLUS</i> , Hub.	307
Plate 102.	Fig. 1.— <i>ALUCITA ASPEREILLA</i> , Hub.	307
	Fig. 2.— <i>EUPLOCAMUS ANTHRACINUS</i> , Hub.	307
	Fig. 3.— <i>TINEA LAPEZANA</i> , Fab.	307
	Fig. 3. <i>a.</i> —Head of <i>TINEA LONGICORNIS</i> , Curtis	308
	Fig. 4.— <i>ILITHIA CARNEA</i> , Latr.	308
	Fig. 4. <i>a, b.</i> —Anatomy of <i>ILITHIA PINGUIS</i> , Curtis	308
	Fig. 5.— <i>YPONOMEUTA PUSIELLA</i> , Hub.	308
	Fig. 5. <i>a, b.</i> —Caterpillar and Chrysalis of <i>YPONOMEUTA PLUMBELLA</i> , Hub.	308
	Fig. 6.— <i>ÆCOPHORA LINNEELLA</i> , Clerk	308
	Fig. 6. <i>a, b.</i> —Caterpillar and Chrysalis of <i>ÆCOPHORA MAJORELLA</i> , Hub.; <i>Tinea majorella</i>	309
	Fig. 7.— <i>ADELA DEGEERELLA</i> , Fab.	309
	Fig. 8.— <i>PTEROPHORUS PTILODACTYLUS</i> , Hub.	309
	Fig. 8. <i>a.</i> —Head of <i>PTEROPHORUS SPILODACTYLUS</i> , Curtis	309
	Fig. 9.— <i>ORNEODES HEXADACTYLUS</i> , Latr.	310
Plate 103.	Fig. 1.— <i>DIXA NEBULOSA</i> , Meig.	322
	Fig. 2.— <i>CHIONEA ARANEOIDES</i> , Dalm.	323
	Fig. 3.— <i>RHYPHUS FENESTRALIS</i> , Scop.	323
	Fig. 4.— <i>PLATYURA FLAVIPES</i> , Meig.	324
	Fig. 5.— <i>MYCETOBIA THORACICA</i> , Guer.	325
	Fig. 6.— <i>SIMULIUM ORNATUM</i> , Meig.	326
	Fig. 7.— <i>DILOPHUS THORACICUS</i> , Guer.	326
	Fig. 8.—Anatomical details of <i>BIBIO VENOSUS</i> , Meig.	326
Plate 104.	Fig. 1.— <i>STYLOPS DALII</i> , Curtis	311
	Fig. 2.— <i>ANOPHELES BIFURCATUS</i> , Lin.	317
	Fig. 3.— <i>CORETHRA PLUMICORNIS</i> , Meig.	319
	Fig. 4.—Antennæ of <i>CHIRONOMUS</i>	319
	Fig. 5.— <i>PSYCHODA PALUSTRIS</i> , Meig.	320
	Fig. 6.— <i>CTENOPHORA FESTIVA</i> , Meig.	320
	Fig. 7.—Head of a <i>TIPULA</i>	321
	Fig. 8.— <i>RHIPIDIA MACULATA</i> , Meig.	321
	Fig. 9.— <i>LIMNOBIA OCELLARIS</i> , Lin.	322
Plate 105.	Fig. 1.— <i>LAPHRIA HIRTICORNIS</i> , Guer.	328
	Fig. 2.—Anatomical details of <i>LAPHRIA NIGRA</i> , Meig.	328
	Fig. 3.— <i>OMMATIUS CONOPSOIDES</i> , Wied.	329
	Fig. 4.—Antennæ of an <i>ASILUS</i>	332
	Fig. 5.—Antennæ of a <i>DASYPOGON</i>	329
	Fig. 6.— <i>HYBOS FLA VIFES</i> , Macq.	330
	Fig. 7.— <i>RHAMPHOMYIA PENNATA</i> , Macq.	331
	Fig. 8.— <i>TACHYDROMYIA ARROGANS</i> , Lin.	331
	Fig. 9.— <i>PANOPS OCELLIGER</i> , Wied.	332
	Fig. 10.— <i>OGEODES GIBBOSUS</i> , Meig.	332

INSECTA.		Vol. IV. Page
Plate 106.	Fig. 1.— <i>TOXOPHORA AMERICANA</i> , Serv.	332
	Fig. 2.— <i>USIA AENEA</i> , Latr.	333
	Fig. 3.— <i>PHTHIRIA PULICARIA</i> , Meig.	333
	Fig. 4.— <i>BOMBYLIUS TRICOLOR</i> , Guer.	333
	Fig. 5.— <i>PLOAS LUSITANICA</i> , Guer.	334
	Fig. 6.— <i>ANTHRAX AURANTIACA</i> , Guer.	335
	Fig. 7.— <i>NEMESTRINA LONGIROSTRIS</i> , Wied.	335
Plate 107.	Fig. 1.— <i>THEREVA CONFINIS</i> , Meig.	336
	Fig. 2.— <i>ATHERIX IBIS</i> , Meig.	336
	Fig. 3.— <i>LEPTIS SERVILLEI</i> , Guer.	337
	Fig. 4.— <i>DOLICHOPUS UNGULATUS</i> , Fab.	338
	Fig. 5.— <i>MEDETERUS NOTATUS</i> , Fab.	339
	Fig. 6.— <i>PLATYPEZA SOPHIA</i> , Lepel.	340
	Fig. 7.— <i>PIPUNCULUS CAMPESTRIS</i> , Meig.	340
	Fig. 8.— <i>SCENOPINUS FENESTRALIS</i> , Fab,	340
Plate 108.	Fig. 1.— <i>TABANUS LATUS</i> , Guer.	341
	Fig. 2.— <i>PANGONIA NIGRIPENNIS</i> , Guer.	341
	Fig. 3.— <i>CHRYSOPS MOLESTUS</i> , Guer.	342
	Fig. 4.— <i>HÆMATOPOTA LUSITANICA</i> , Guer.	342
	Fig. 5.— <i>MYDAS BONARIENSIS</i> , Serv.	344
	Fig. 6.—Antennæ of a <i>CEPHALOCERA</i> , Serv.	344
	Fig. 7.— <i>CHIROMYZA VITTATA</i> , Wied.	344
Plate 109.	Fig. 1.— <i>HERMETIA SINGULARIS</i> , Guer.	345
	Fig. 2.— <i>ACANTHOMERA SERVILLEI</i> , Guer.	345
	Fig. 3.—Head of <i>ACANTHOMERA PICTA</i> , Weid.	345
	Fig. 4.—Head of a <i>BERIS</i>	346
	Fig. 5.— <i>CYPHOMYIA AURIFLAMMA</i> , Weid.	346
	Fig. 6.— <i>STRATIOMYS CORONATA</i> . Serv.	347
	Fig. 7.— <i>EPHIPPIUM THORACICUM</i> , Latr.	347
	Fig. 8.—Anatomical details of an <i>OXYCERA</i> ,	348
	Fig. 9.—Anatomical details of <i>SARGUS REAUMURII</i> , Meig.	348
	Fig. 10.— <i>CHRYSOCHLORA HIRTICORNIS</i> , Weid.	348
	Fig. 11.—Anatomical details of a <i>VAPPO</i>	349
	Fig. 12.— <i>DICRANOPHORA FURCIFERA</i> , Wied.	349
Plate 110.	Fig. 1.— <i>VOLUCELLA BOMBYLANS</i> , Meig.	351
	Fig. 2.— <i>HELOPHILUS CHILIENSIS</i> , Guer.	352
	Fig. 3.— <i>SYRPHUS SENEGALENSIS</i> , Guer.	352
	Fig. 4.—Anatomical details of <i>SYRPHUS UNICOLOR</i> , Curtis	352
	Fig. 5.— <i>PARAGUS BICOLOR</i> , Latr.	353
	Fig. 6.— <i>CHRYSOTOXUM ARCUATUM</i> , Meig.	354
	Fig. 7.— <i>CERIA CONOPSOIDES</i> , Meig.	354
Plate 111.	Fig. 1.— <i>APHRITIS APIFORMIS</i> , Deg.	354
	Fig. 2.— <i>MERODON EQUESTRIS</i> , Meig.	355
	Fig. 3.— <i>XYLOTA SEGNIS</i> , Lin.	355
	Fig. 4.—Head of a <i>TROPIDIA</i>	355
	Fig. 5.— <i>MILESIA SPECIOSA</i> , Fab.	355
	Fig. 6.— <i>PIPIZA FASCIATA</i> , Meig.	356
	Fig. 7.— <i>RHINGIA CAMPESTRIS</i> , Meig.	356
Plate 112.	Fig. 1.— <i>CUTEREBRA APICALIS</i> , Guer.	358
	Fig. 2.— <i>ÆDEMAGENA TARANDI</i> , Lin.	358
	Fig. 3.— <i>HYPODERMA BOVIS</i> , Fab.	358
	Fig. 4.— <i>CEPHALEMYIA OVIS</i> , Lin.	358
	Fig. 5.— <i>ÆSTRUS EQUI</i> , Lin.	359

INSECTA.		Vol. IV. Page
Plate 112. Fig. 6.—	CONOPS RUFIPES, Fab.	360
	Fig. 7.—MYOPA VARIEGATA, Meig.	360
	Fig. 8.—STOMOXYS CALCITRANS, Lin.	361
Plate 113. Fig. 1.—	ECHYNOMYIA GROSSA, Fab.	363
	Fig. 2.—GYMNOSOMIA ROTUNDATA, Fab.	364
	Fig. 3.—MILTOGRAMMA, PUNCTATA, Meig.	363
	Fig. 4.—PHASIA BRACHYPTERA, Meig.	364
	Fig. 5.—LUCILIA MIRABILIS, Guer.	365
	Fig. 6.—CALLIPHORA VOMITORIA, Lin.	367
	Fig. 7.—Head of ACHIAS OCULATUS	368
	Fig. 8.—LISPE TENTACULATA, Meig.	368
	Fig. 9.—ANTHOMYIA PLUVIALIS, Lin.	369
	Fig. 10.—EPHYDRA RUFITARSIS, Marq.	370
	Fig. 11.—Anatomical details of EPHYDRA SPILOTA, Hal.	370
Plate 114. Fig. 1.—	THYREOPHORA CYNOPHILA, Panz.	371
	Fig. 2.—SCATOPHAGA STERCORARIA, Lin.	372
	Fig. 3.—Antennæ of a SPHÆROCERA	372
	Fig. 4.—SAPROMYZA BRUNITARSIS, Macq.	374
	Fig. 5.—OSCINIS HYPOSTIGMA, Meig.	374
	Fig. 6.—SEPEDON SPHEGEUS, Fab.	375
	Fig. 7.—CALOBATA RUFICEPS, Guer.	376
	Fig. 8.—DIOPSIS FASCIATUS, Guer.	377
	Fig. 9.—DIOPSIS ATRICAPILLUS, Guer.	377
	Fig. 10.—Anatomical details of SEPSIS ANNULIPES, Meig.	377
	Fig. 11.—TEPHRITIS OBLIQUA, Guer.	378
	Fig. 12.—Anatomical details of TEPHRTIS CORNUTA, Fab.	378
Plate 115. Fig. 1.—	PLATYSTOMA LÆTA, Guer.	379
	Fig. 2.—CELYPHUS OBTECTUS, Dalm.	379
	Fig. 3.—PHORA ABDOMINALIS, Pall.	380
	Fig. 4.—Anatomical details of HYPOBOSCA EQUINA, Lin.	384
	Fig. 5.—ORNITHOMYIA CHILENSIS, Guer.	384
	Fig. 6.—ANAPERA TANGERII, Guer.	384
	Fig. 7.—STENOPTERYX HIRUNDINIS, Leach	384
	Fig. 8.—MELOPHAGUS OVINUS, Lin.	384
	Fig. 9.—NYCTERYBIA WESTWOODII, Guer.	385
	Fig. 10.—Anatomical details of NYCTERYBIA SYKESII, West.	385



ZOO PHYTES.

ZOO PHYTES.		Vol. IV. Page
Plate 1. Fig. 1.—	ASTERIAS AURANTIACA, Lin.	392
	Fig. 2.—COMATULA CARINATA, Lam.	393
Plate 2. Fig. 1.—	ECHINUS ESCULENTUS, Lin.	395
	Figs. 2, 3.—FLORICEPS SACCATA, Cuv.*	419
	Fig. 4.—STEPHANOMIA UVARIA, Les.	429

* 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.

ZOOPHYTES.		Vol. IV. Page
Plate 3.	Fig. 1.—ECHINUS VERTICILLATUS, Lam.	. 395
	Fig. 2.—ECHINONEUS SEMILUNARIS, Lam.	. 396
	Fig. 3.—GALERITES SEXFASCIATUS, Lam.	. 397
	Fig. 4.—SCUTELLA HEXAPORA, Lam. ; Echinus hexaporus, Seb.	. 397
	Fig. 5.—FIBULARIA OVULUM, Lam.	. 398
	Fig. 6.—SPATANGUS PILOSUS, Val.	. 398
Plate 4.	Fig. 1.—HOLOTHURIA PHANTOPUS, Lin. Müll.	. 399
	Fig. 2.—HOLOTHURIA SQUAMATA, Müll. Cuv.	. 400
	Fig. 3.—HOLOTHURIA ELEGANS, Müll. Cuv.	. 400
	Fig. 4.—HOLOTHURIA FUSUS, Müll.	. 400
	Fig. 5.—HOLOTHURIA CUCUMER, Risso	. 400
	Fig. 6.—HOLOTHURIA EDOUARI, Less.	. 400
	Fig. 7.—HOLOTHURIA EDULIS, Less.	. 400
Plate 5.	Fig. 1.—MINYAS CYANEA, Cuv.	. 401
	Fig. 2.—PRIAPULA CAUDATA, Lam. ; Holothuria priapus, Müll.	. 401
	Fig. 3.—SIPONCULUS EDULIS, Cuv. Pallas	. 402
	Fig. 4.—SIPONCULUS TIGRINUS, Risso	. 402
Plate 6.	Fig. 1.—BONELLIA VIRIDIS, Rol.	. 402
	Fig. 2.—THALASSEMA NEPTUNI, Gert. ; Lumbricus thalassema, Pallas	. 403
	Fig. 3.—ECHIURUS PALLASII, Cuv. ; Lumbricus Echiurus, Gm. Pallas	. 403
	Fig. 4.—STERNASPIS THALASSEMOIDES, Otto.	. 403
Plate 7.	Fig. 1.—FILARIA MEDINENSIS, Gm.	. 405
	Fig. 2.—TRICHOCEPHALUS DISPAR, Rud.	. 405
	Fig. 3.—OXYURUS CURVULA, Rud.	. 406
	Fig. 4.—CUCULLANUS ELEGANS, Rud.	. 406
	Fig. 5.—OPHIOSTOMA SPHÆROCEPHALA, Rud.	. 406
	Fig. 6.—ASCARIS LUMBRICOIDES, Lin.	. 407
Plate 8.	Fig. 1.—STRONGYLUS GIGAS, Rud.	. 407
	Fig. 2.—SPIROPTERUS STORNGULINUS, Rud.	. 408
	Fig. 3.—PHYSALOPTERUS CLAUSUS, Rud.	. 408
	Fig. 4.—LIORHYNCHUS DENTICULATUS, Rud.	. 408
	Fig. 5.—LINGUATULA TÆNIOIDES, Rud.	. 409
	Fig. 6.—LINGUATULA CUVIERII	. 409
	Fig. 7.—PRIONODERMA ASCAROIDES, Rud. ; Cucullanus ascaroides, Gœtz.	. 409
Plate 9.	Fig. 1.—LERNÆA BRANCHIALIS, Lin.	. 409
	Fig. 2.—LERNÆA MULTICORNIS, Cuv.	. 410
	Fig. 3.—PENELLA FILOSA, Gmel.	. 410
	Fig. 4.—SPHYRION LÆVIGATUS, Cuv. Quoy, and Gaym.	. 410
	Fig. 5.—ANCHORELLA LAGENULA, Cuv.	. 410
	Fig. 6.—BRACHELLEA THYNNI, Cuv.	. 410
	Fig. 7.—CLAVELLA HIPPOGLOSSI, Cuv.	. 411
	Fig. 8.—CONDRACANTHUS TRIGLÆ, Cuv.	. 411
	Fig. 9.—CONDRACANTHUS ZEI, Laroche	. 411
	Fig. 10.—CONDRACANTHUS XYPHIÆ, Cuv.	. 411
	Fig. 11.—NEMERTES BORLASII, Cuv.	. 411
Plate 10.	Fig. 1.—ECHINORHYNCHUS GIGAS, Gm.	. 413
	Fig. 2.—HERUCA MURIS, Gm.	. 413
	Fig. 3.—AMPHISTOMA LONGICOLLIS, Bl.	. 414
	Fig. 4.—CARYOPHYLLÆUS MULABILIS, Bl.	. 414
	Fig. 5.—MONOSTOMA, Bl.	. 414
	Fig. 6.—FASCIOLA HEPATICA, Lin.	. 414

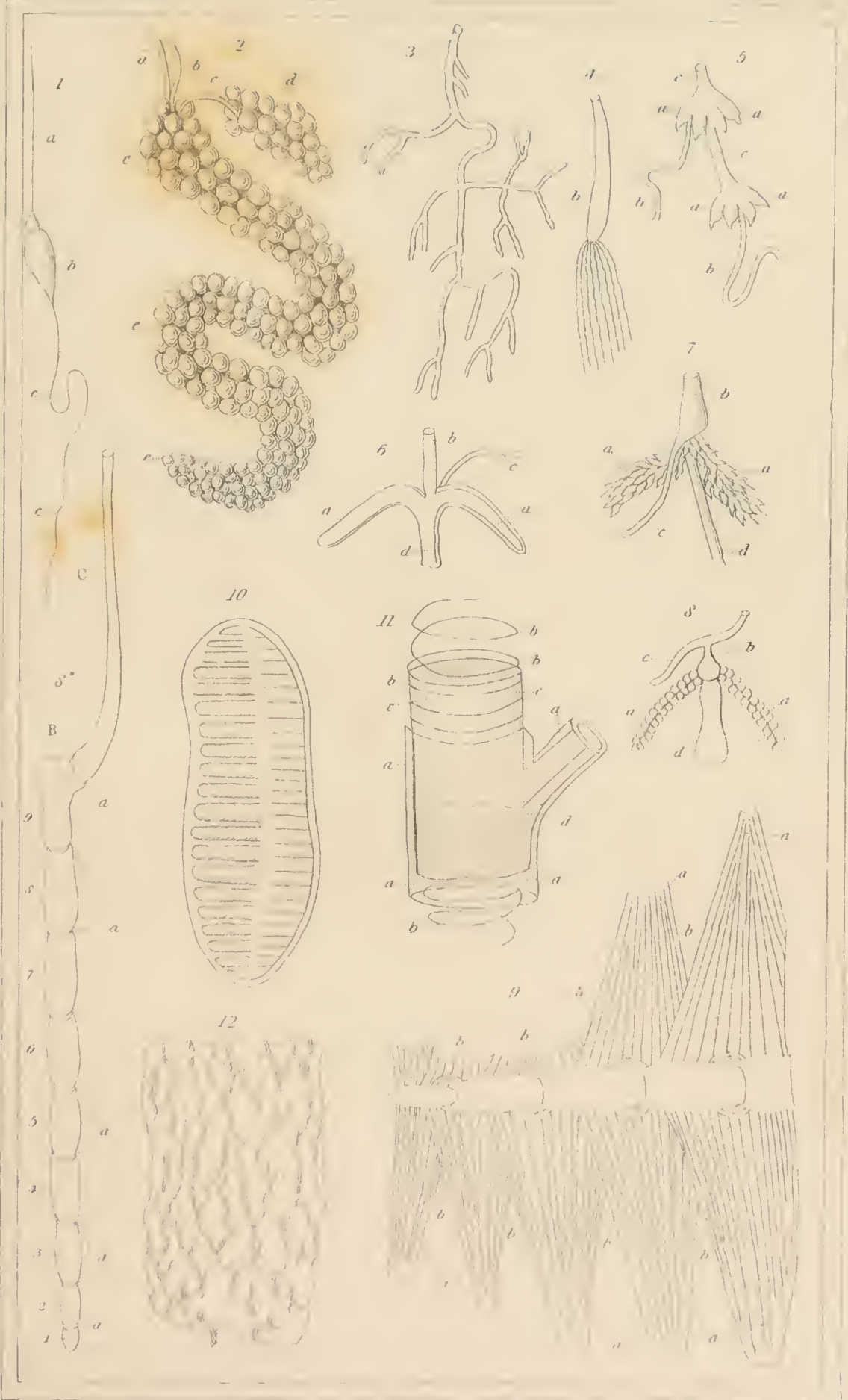
ZOOPHYTES.		Vol. IV. Page
Plate 10.	Fig. 7.—POLYSTOMA INTEGERRIMUM, Rud.	415
	Fig. 8.—POLYSTOMA PINGUICOLA, Rud.	415
	Fig. 9.—CYCLOCOTYLUS BELLONES, Otto.	415
	Fig. 10.—TRISTOMA COCCINEUM	415
Plate 11.	Fig. 1.—HECTOCOTILE OCTOPODIS, Cuv.	416
	Fig. 2.—ASPIDOGASTER CONCHICOLA, Bær.	416
	Fig. 3.—PLANARIA AURANTIACA, Risso	417
	Fig. 4.—PLANARIA CORNUTA, Müll.	417
	Fig. 5.—PLANARIA LACTEA, Müll.	417
	Fig. 6.—PROSTOMA CLYPSINOIDES, Duges	417
	Fig. 7.—DEROSTOMA NOTOPS, Duges	417
	Fig. 8.—VERTUMNUS THETHIDICOLA, Otto	417
Plate 12.	Fig. 1.—TÆNIA LATA, Rud. Cuv.	418
	Fig. 2.—TÆNIA SOLIUM, Lin. Cuv.	418
	Fig. 3.—Head of BOTHRYOCEPHALUS CORONATUS, Bl.	418
	Fig. 4.—DIBOTHRYORHYNCHUS LEPIDOPHII, Bl.	419
Plate 13.	Fig. 1.—FLORICEPS COROLLATUS, Cuv.	419
	Fig. 2.—TETRARHYNCHUS LINGUALIS, Cuv.	419
	Fig. 3.—TENTACULARIA BOSCHII, Cuv.	419
	Fig. 4.—CYSTICERCUS PISCIFORMIS, Lin.	418
	Fig. 5.—CYSTICERCUS FINNA, Blinn.	419
	Fig. 6.—ACROSTOMA AMNII, Lesauv.	420
	Fig. 7.—CÆNURUS CEREBRALIS, Gm.	420
	Fig. 8.—ECHINOCOCCUS	420
	Fig. 9.—LIGULA SIMPLICISSIMA, Bloch	420
Plate 14.	Fig. 1.—PELAGIA PANOPYRA, Peron	423
	Fig. 2.—CYANÆA LABICHE, Quoy and Gaym.	423
	Fig. 3.—EQUOREA CYANOGRAMMA, Quoy and Gaym.	422
Plate 15.	Fig. 1.—RHIZOSTOMA ALDROVANDI, Risso. Taken from a drawing of M. Laurillard	423
	Fig. 2.—CASSIOPEA BORBONICA, Delle Chiaie	424
Plate 16.	Fig. 1.—BERENICE EURISOCHROMA, Peron	424
	Fig. 2.—GERYONIA PROBOSCIDALIS, Forsk.	424
	Fig. 3.—CEPHEA PAPUENSIS, Less.	424
Plate 17.	Fig. 1.—BEROE PILEUS, Gm.	425
	Fig. 2.—BEROE ELONGATUS, Risso; <i>Idya elongatus</i>	426
	Fig. 3.—BEROE COSTATA, Reyn.	426
	Fig. 4.—CALLIANIRA BUCEPHALON, Reyn.	426
	Fig. 5.—ALCINOË VERMICULATA, Rang.	426
	Fig. 6.—OCYROË MACULATA, Rang.	426
Plate 18.	Fig. 1.—CESTUM VENERIS, Less.	426
	Fig. 2.—PORPITA CHRYSOCOMA, Less.	427
	Fig. 3.—VELELLA LIMBOSA, Lam.	427
Plate 19.	Fig. 1.—PHYSALIA ATLANTICA, Less.	428
	Fig. 2.—PHYSSOPHORA DISTICHA, Less.	428
	Fig. 3.—PHYSSOPHORA NICEA, Laur.	429
	Fig. 4.—HIPPOPODIUS LUTEUS, Quoy and Gaym.	429
	Fig. 5.—RHIZOPHYZA HELIANTHA, Quoy and Gaym.	429
	Fig. 6.—DIPHIA DISPAR, Bory	430

ZOOPHYTES.

	Vol. IV. Page
Plate 19. Fig. 7.— <i>CALPE PENTAGONA</i> , Quoy and Gaym.	. 430
Fig. 8.— <i>ABYLA TRIGONA</i> , Quoy and Gaym.	. 430
Fig. 9.— <i>CYMBA SAGITTA</i> , Quoy and Gaym.	. 430
Fig. 10.— <i>CUBOIDES VITREUS</i> , Quoy and Gaym.	. 430
Plate 20. Fig. 1.— <i>ACTINIA CORALLINA</i> , Risso	. 432
Fig. 2.— <i>THALASSIANANTHOS ASTER</i> , Rup.	. 432
Fig. 3.— <i>DISCOSMUS NUMMIFORME</i> , Rup.	. 432
Fig. 4.— <i>ZOANTHUS SOCIATUS</i> , Cuv.	. 433
Fig. 5.— <i>LUCERNARIA CAMPANULA</i> , Lamouroux	. 433
Plate 21. Fig. 1.— <i>TUBIPORA RUBEOLA</i> , Quoy	. 436
Fig. 2.— <i>TUBULARIA INDIVISA</i> , Lam.	. 436
Fig. 3.— <i>SERTULARIA TAMARINDUS</i> , Ellis	. 438
Fig. 4.— <i>EUCRATRA CORNUTA</i> , Ellis	. 439
Fig. 5.— <i>FLUSTRA ARAGOI</i> , Exp. d'Eg.	. 439
Fig. 6.— <i>CELLEPORA PUMICOSA</i> , Ellis	. 440
Fig. 7.— <i>TUBULIPORA TUBULOSA</i> , Gm.	. 440
Fig. 8.— <i>CORALLINA OFFICINALIS</i> , Lin.	. 440
Fig. 9.— <i>FLABELLARIA OPUNTIA</i> , Ellis; <i>Corallina opuntia</i>	. 441
Fig. 10.— <i>ACETABULUM MEDITERRANEUM</i> , Cavolini; <i>Tubularia acetabulum</i> , Gm.	. 442
Fig. 11.— <i>POLYPHYSA ASPERGILLUM</i> . Lamouroux	. 442
Plate 22. Fig. 1.— <i>HYDRA VIRIDIS</i> , Trembl. Cuv.	. 434
Fig. 2.— <i>HYDRA FUSCA</i> , Trembl. Cuv.	. 434
Fig. 3.— <i>CORYNA MULTICORNIS</i> , Forsk. Cuv.	. 434
Fig. 4.— <i>CRISTATELLA MUCEDO</i> , Cuv.	. 434
Fig. 5.— <i>VORTICELLA OPERCULARIS</i> , Bory, Roesel de Ros.	. 435
Fig. 6.— <i>PEDICELLARIA TRIDENS</i> , Müll. Cuv.	. 435
Plate 23. Fig. 1.— <i>ANTIPATHES MYRIOPHYLLA</i> , Ellis and Sol.	. 443
Fig. 2.— <i>GORGONIA VERRUCOSA</i> , Cavolini	. 443
Fig. 3.— <i>EUNICEA MAMMOSA</i> , Lamouroux	. 444
Fig. 4.— <i>CORALLIUM RUBRUM</i> , Cavolini	. 444
Fig. 5.— <i>ISIS HIPPURIS</i> , Ellis and Sol.	. 445
Fig. 6.— <i>FUNGIA CRASSITENTACULATA</i> , Quoy	. 445
Fig. 7.— <i>TURBINOLIA RUBRA</i> , Quoy	. 445
Fig. 8.— <i>CARYOPHYLLIA FASCICULATA</i> . Lam.	. 445
Fig. 9.— <i>ASTREA CALICULARIS</i> , Lam.	. 446
Fig. 10.— <i>MADREPORA ABROTANOIDES</i> , Lam.	. 446
Fig. 11.— <i>MILLEPORA ALCICORNIS</i> , Pall.	. 447
Plate 24. Fig. 1.— <i>PENNATULA GRISEA</i> , Gm.	. 448
Fig. 2.— <i>VIRGULARIA JUNCEA</i> , Pall.	. 448
Fig. 3.—A fragment of <i>VIRGULARIA MIRABILIS</i> , Müll.	. 448
Fig. 4.— <i>RENILLA VIOLACEA</i> , Quoy	. 449
Fig. 5.— <i>UMBELLULARIA ENCRINUS</i> , Ellis	. 449
Fig. 6.— <i>ALCYONIUM AURANTIACUM</i> , Quoy	. 4
Fig. 7.—A large fragment of <i>ALCYONIUM RAMOSUM</i> , Quoy	. 450
Fig. 8.— <i>THETHYUM LYNCURIUM</i> , Marsigli	. 450
Fig. 9.— <i>SPONGIA OCULATA</i> , Pall.	. 450
Fig. 10.— <i>SPONGIA MANUS</i> , Bl.	. 450



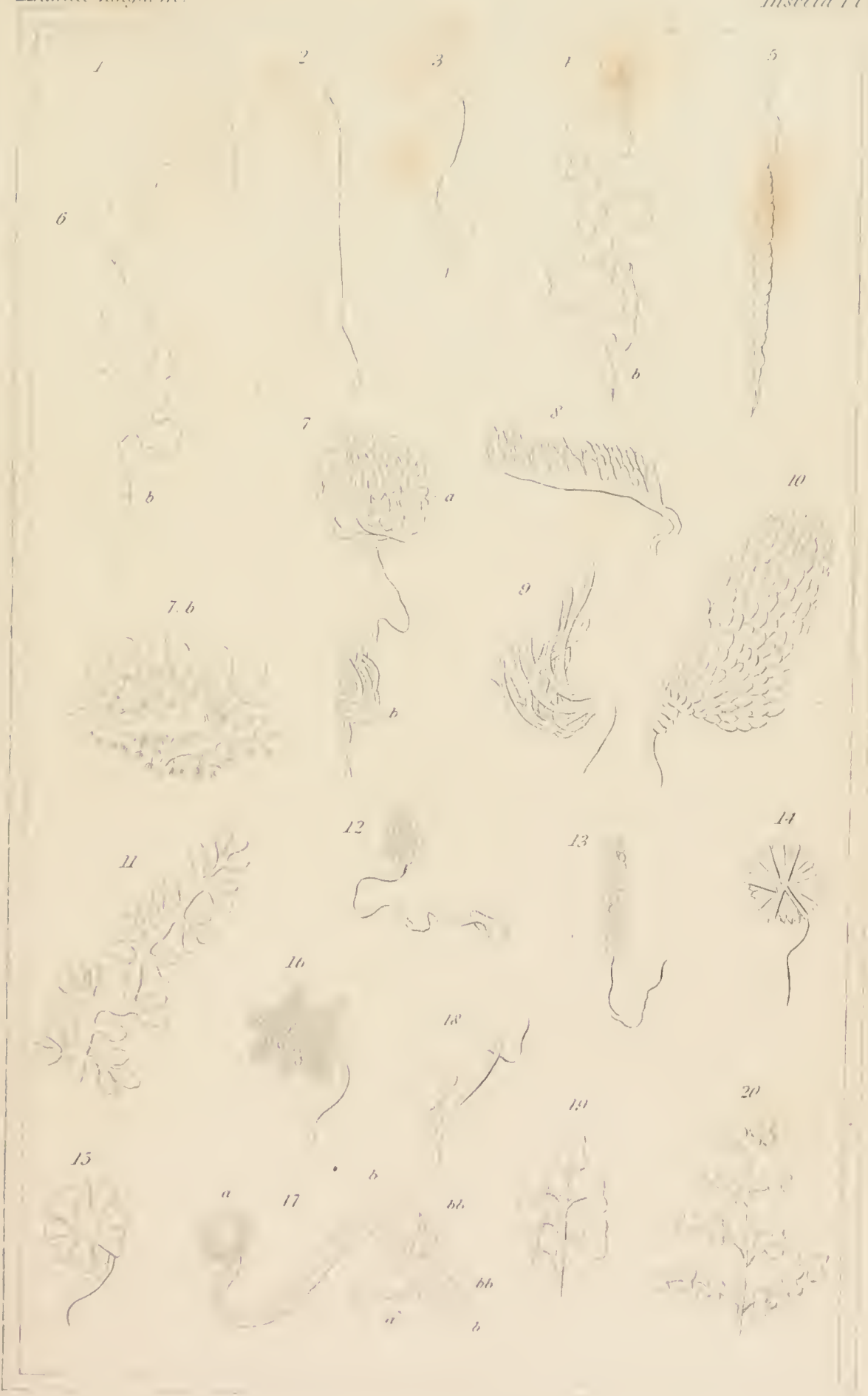
Organs of Nutrition in Insects



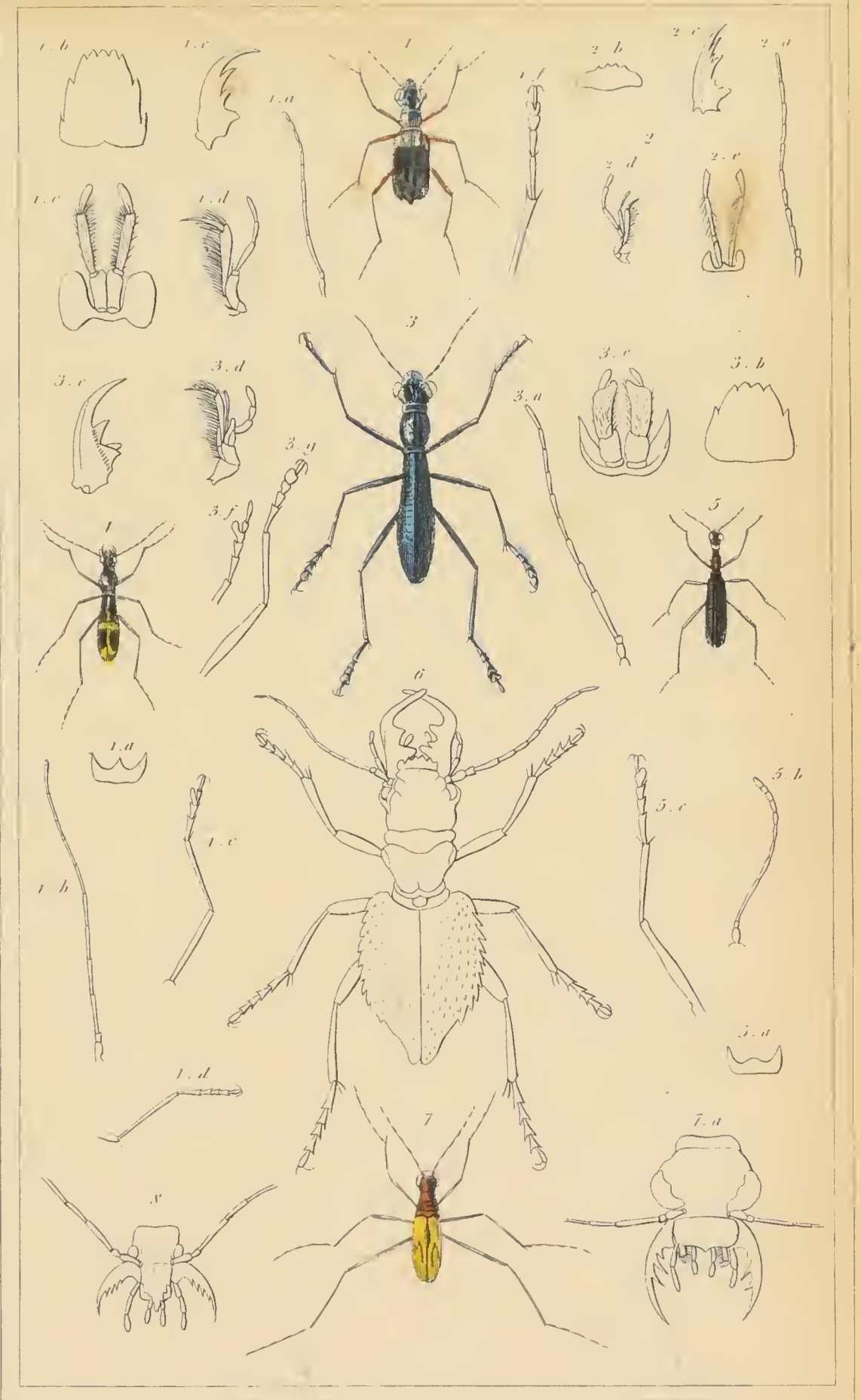
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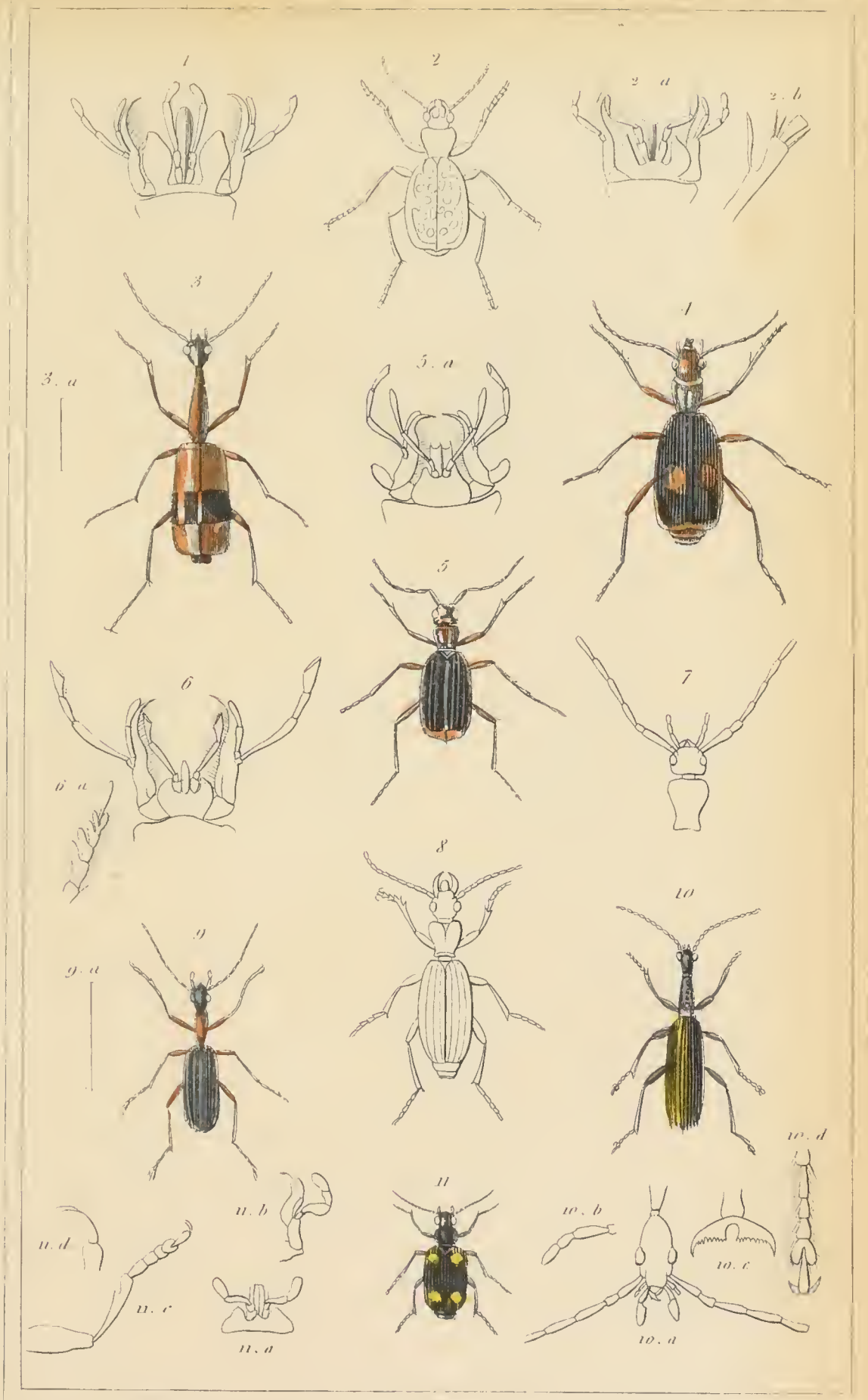
Organs of Nutrition in Insects.



Organs of Generation in Insects



1. *Therates basilis*, d'Try. 2. Anatomical details of the *Megacephala carolina* Latr. 3. *Trycondyla aptera*, Latr. 4. *Clenostoma ichneumonum*, Dej. 5. *Collicaris modesta*, Dej. 6. *Manticora maxillosa*, Latr. 7. *Cicindela tenuipes*, Guér. 8. Head of the *Oxycheila tristis* Dej.



1. Mouth of the *Anthia 10 guttata*, Latr. 2. *Graphipterus multiguttatus*, Latr. 3. *Casnonia senegalensis*, S^r Farg & Serr. 4. *Branchinus Jurinei*, Dej. 5. *Trichognathus marginatus*, Latr. 6. Mouth & Tarsus of the *Galerita americana*, Latr. 7. Head & Corselet of the *Lophium olens*, Latr. 8. *Helluo costatus*, Latr. 9. *Dripta ruficollis*, Dej. 10. *Agra splendida*, Latr. 11. *Lebia flavovaricollata*, Guér.



1 *Panagæus quadrimaculatus*
 3 *Elaeis hircocatus*
 5 *Cetonia hiemalis*

2 *Pamborus alternans*
 4 *Ceclis subflavus*
 6 *Helius costatus*

7 *Lamna venosa*
 London, Allenderson 2, Old Bailey

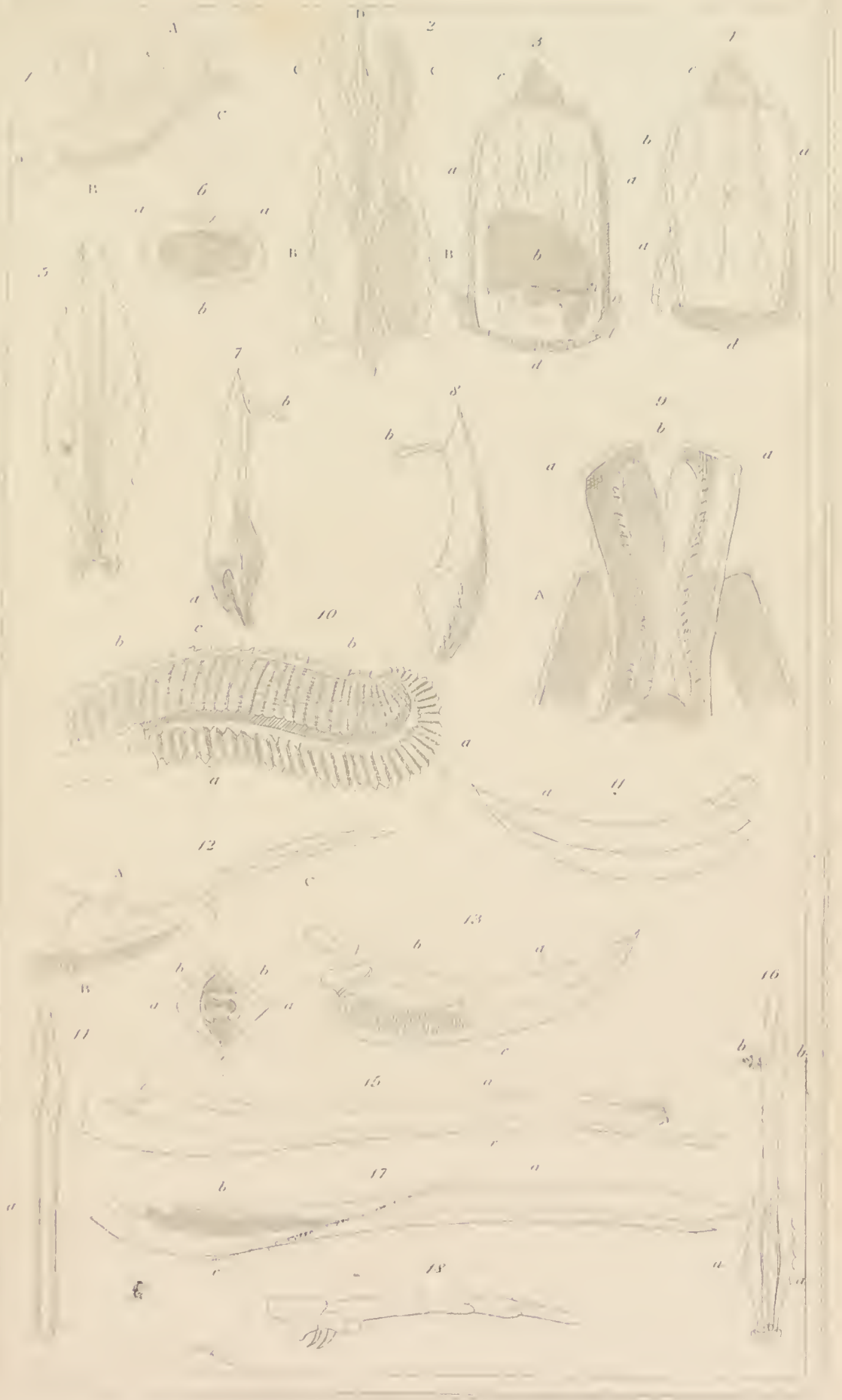


• 1 *Coliad barbicornis* (The Horned Coliad) 2 *Buprestis scutellatus* (The armed Buprestis)
 3 *Lucanus serricornis* (The serrated Lucanus) 4 *Cetonia bicornis* (The two horned Cetonia)
 5 *Hispa Marginata* (The Marginated Chestnut Fly) 6 *Helorus perforata* (The perforated Helorus of New-Holland)
 7 *Brentus Appendiculatus*



Organs of Generation in Insects.



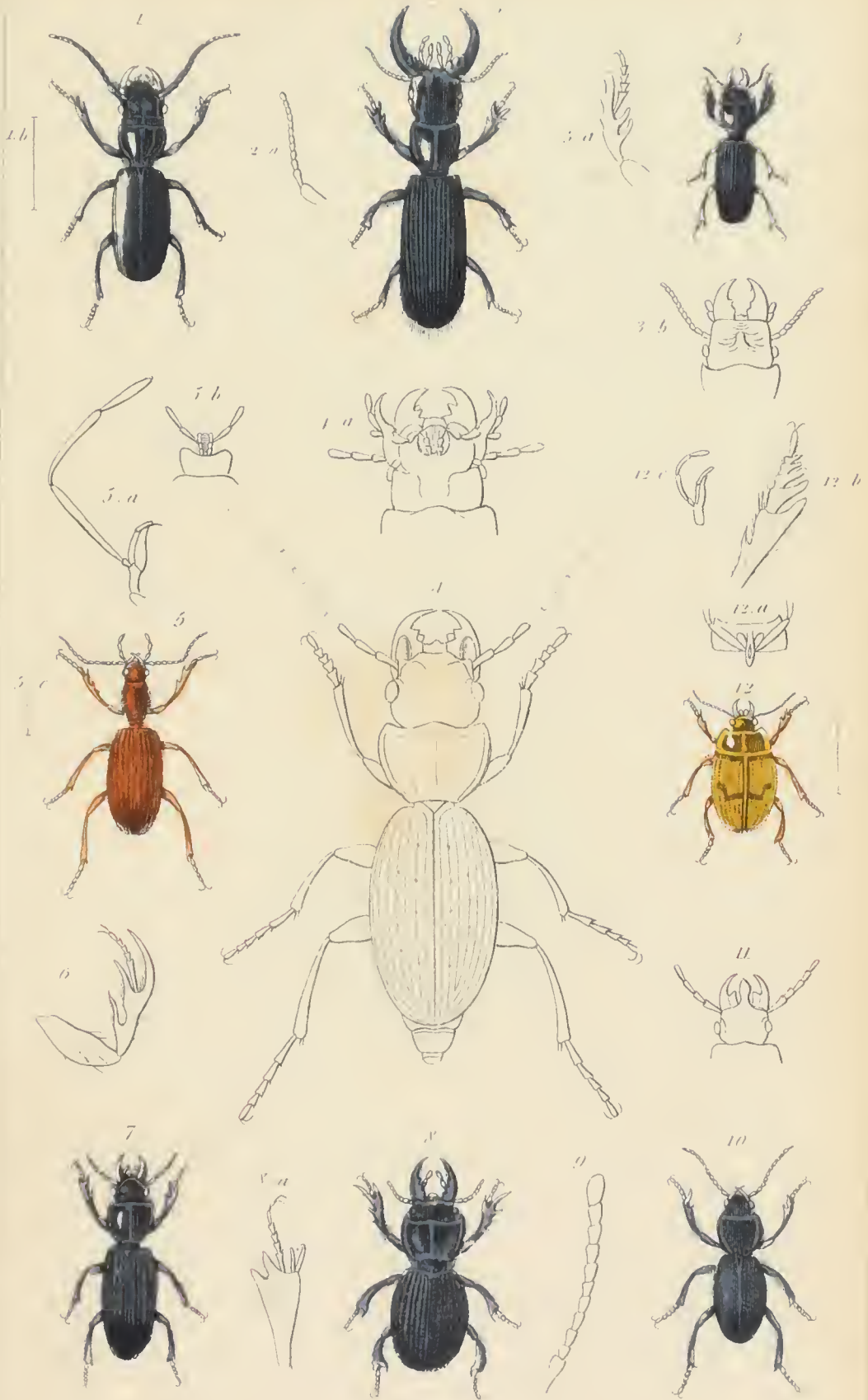


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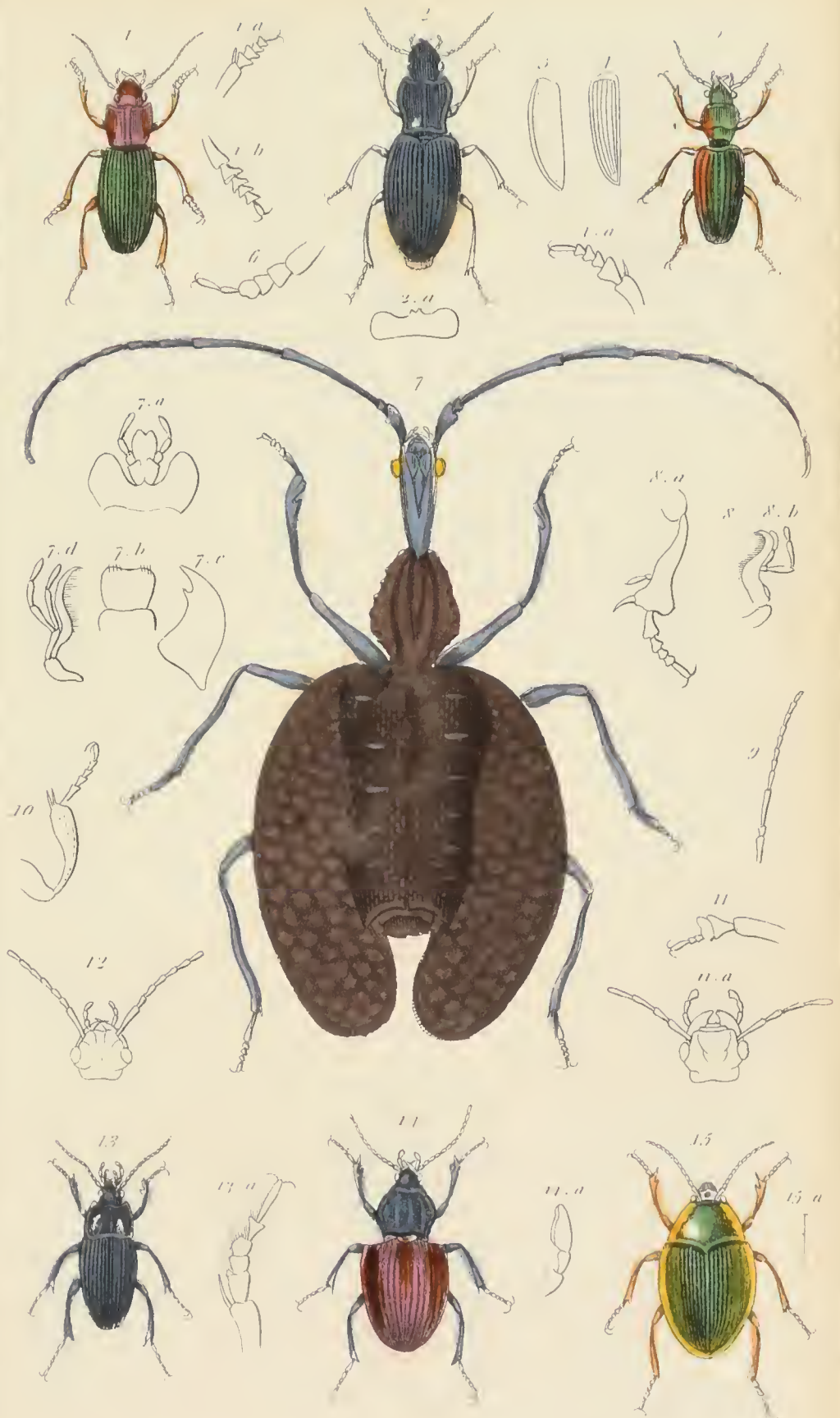
Leach & Anderson 2. vid. Brödy.



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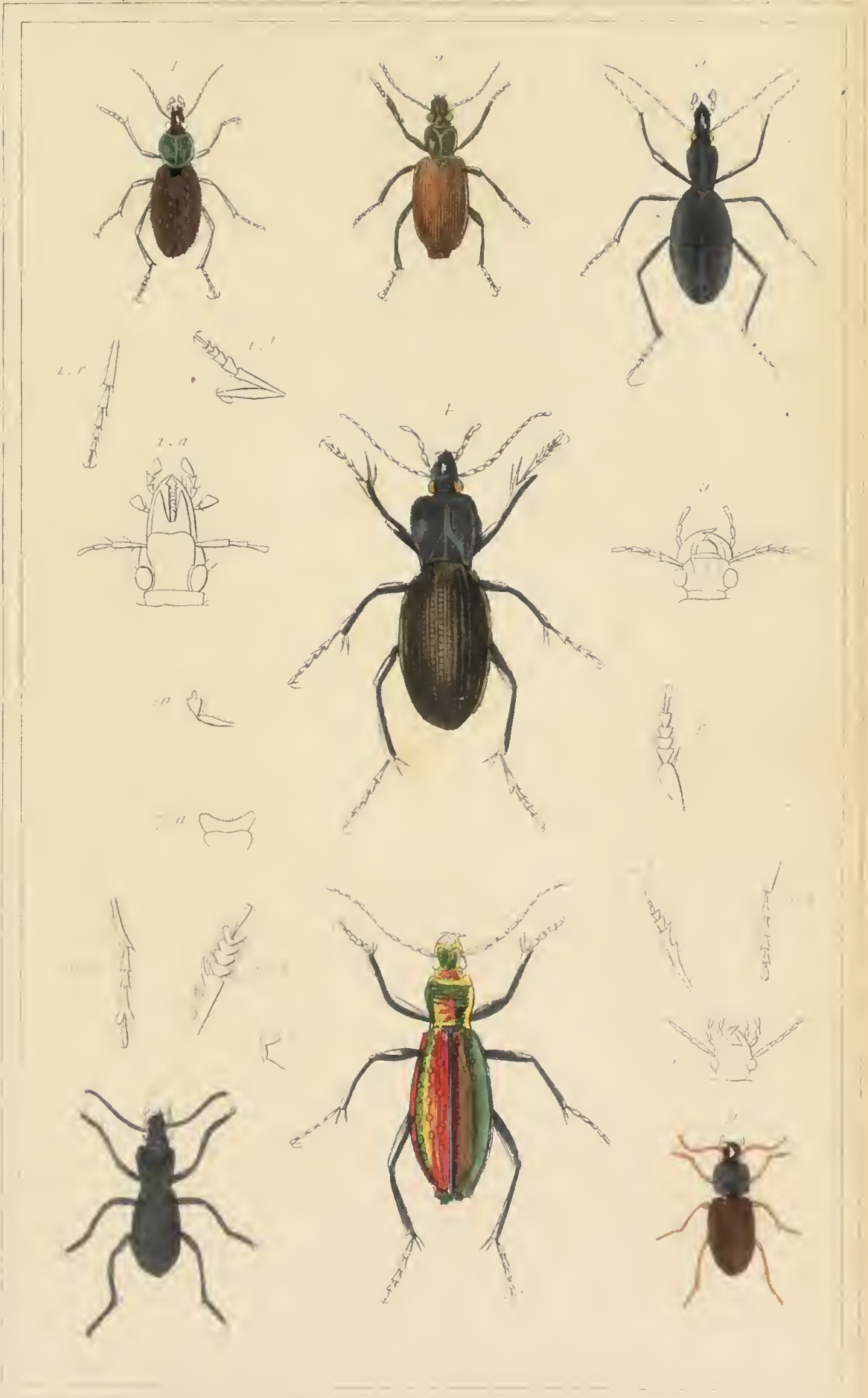


1. *Siagona Europaea*. Dej. 2. *Oxystomus Sancte-Hilarii* Lat. 3. *Scapterus Guerin* Dej. 4. *Enceladus griseus* Bon. 5. *Apolonius rufus* Lat. 6. *Inner foot of the Biscirinus thoracicus* Lat. 7. *Murio simplex* Dej. 8. *Acanthocelis ruficornis* Lat. 9. *Antenna of the Oxanus Rogeri* Dej. 10. *Bitomus violaceus* Lat. 11. *Head of the Bitomus calydonicus* Lat. 12. *Cyclosemus flexuosus* Lat.



1. *Harpalus tricolor*, Guér. 2. *Trigonotoma viridicollis*, Dej. 3. Elytra of the *Feronia navarica*, Latr. 4. Elytra & Tarsus of the *Feronia melanaria*, Lat. 5. *Cephalotes rufipes*, Lat. 6. Hinder Tarsus of the *Paedrus rufipes* male. 7. *Mormolyce phyllodes*, Illig. 8. Hinder foot & Jaw of the *Labus gibbus*, Lat. 9. Antennae of the *Sphodrus terricola*, Lat. 10. Hinder foot of the *Feronia hottentota*, Lat. 11. Hinder Tarsus & foot of the *Lacinus agricola* male. 12. Head of the *Loricus pilicornis*, Latr. 13. *Cynthia alacoides*, Lat. 14. *Panagæus fulvipes*, Lat. 15. *Omphron*, Lat. *collybitæ*.





1 *Sphaeroderus nitidicollis* Chevrol. 2 *Calosoma rufipennis* Dej. 3 *Cyclrus scaberrimus* Latr. 4 *Panoborus alternans* Lat. 5 Head of the Pogonophorus. 6 Hind-leg of the Pelopidae. 7 *Carrinus reticulatus* Lat. 8 *Pelecimus cyanipes* Kirby. 9 *Masoreus lucidus* Dej. 10 Palpi of the principal Bombardier.



1. *Dytiscus lhermannieri* Chev. 2. *Dytiscus serricornis* Fark. 3. Under foot of the *Colymbetes*. 4. Under foot of the *Hydroporus planus* Latr. 5. *Hygrobia lhermanni* Latr. 6. *Noterus crassicornis* Chev. 7. *Helophilus elevatus*. 8. *Cyrenus sulcatus*, Dej.

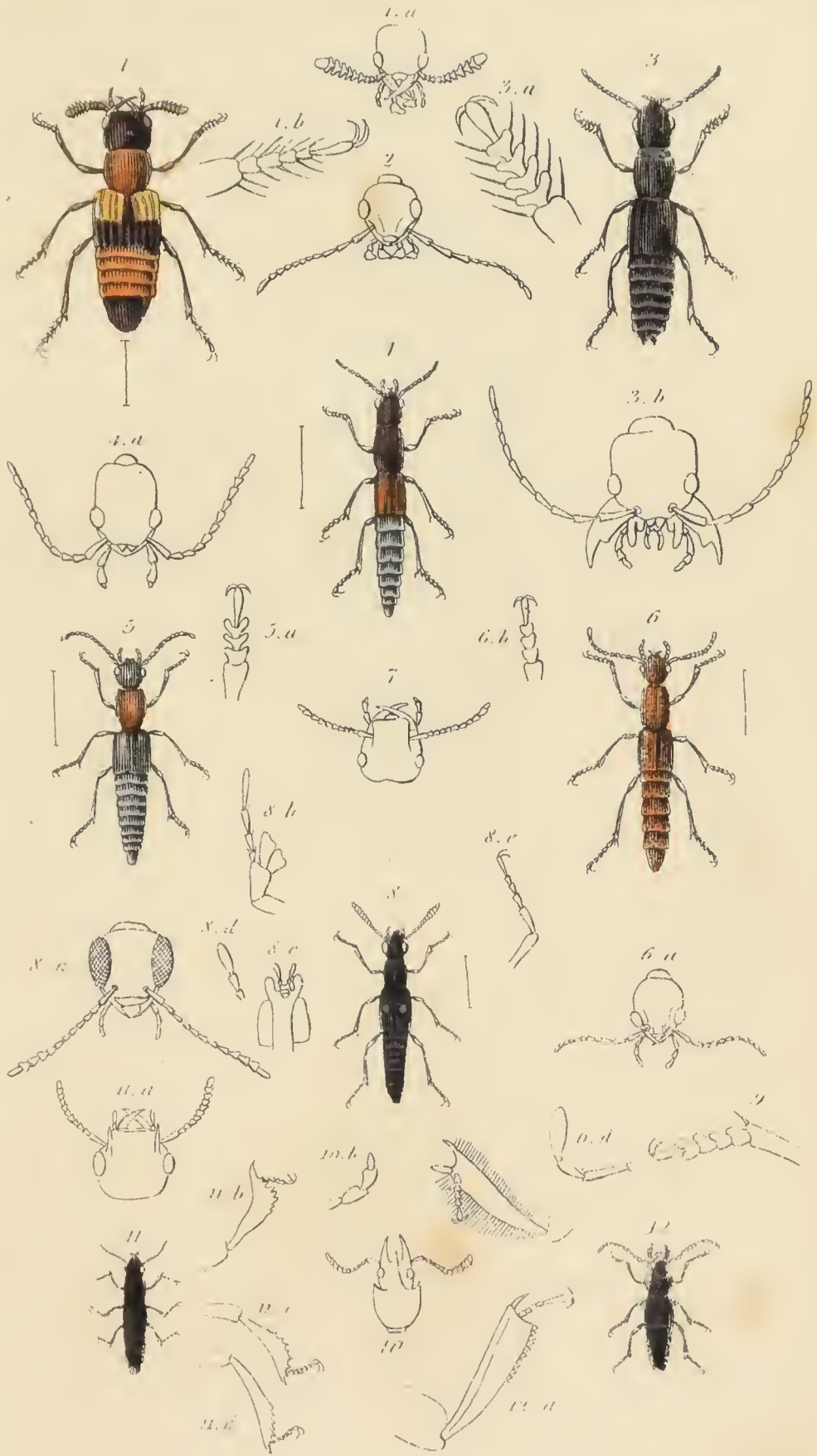


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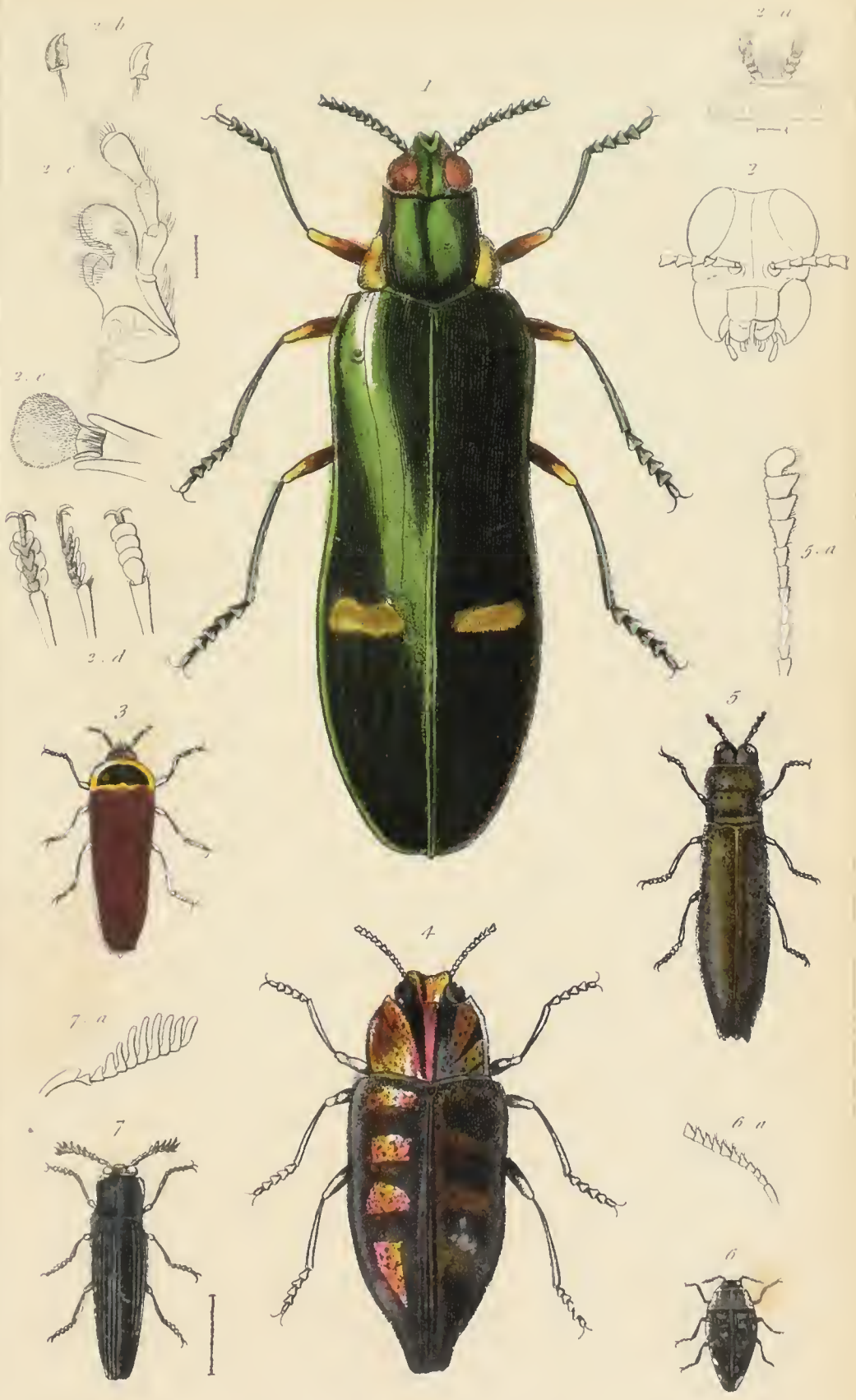
A. Smith del. J. G. Thompson sculp.



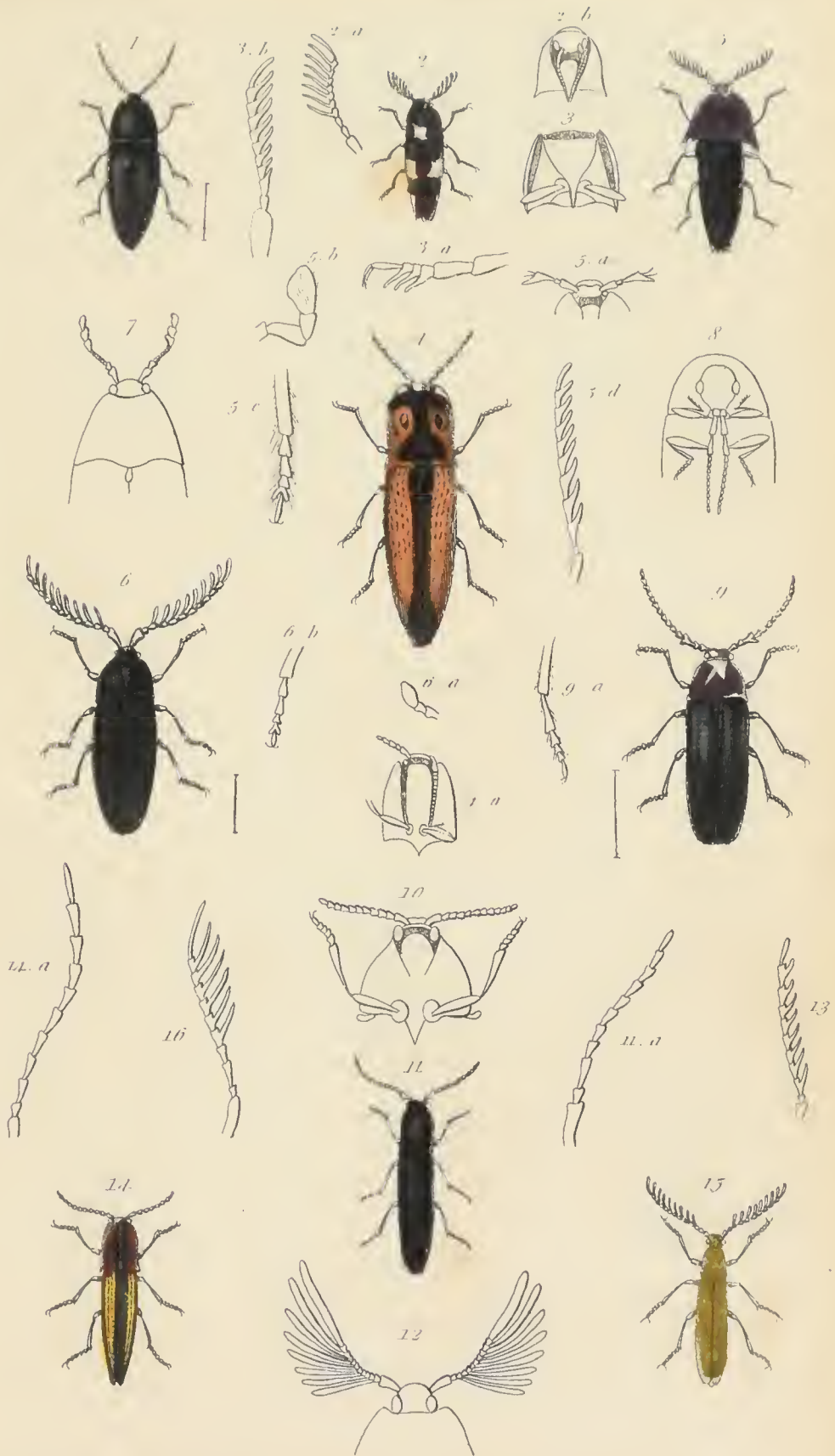
Organs of generation in Insects.



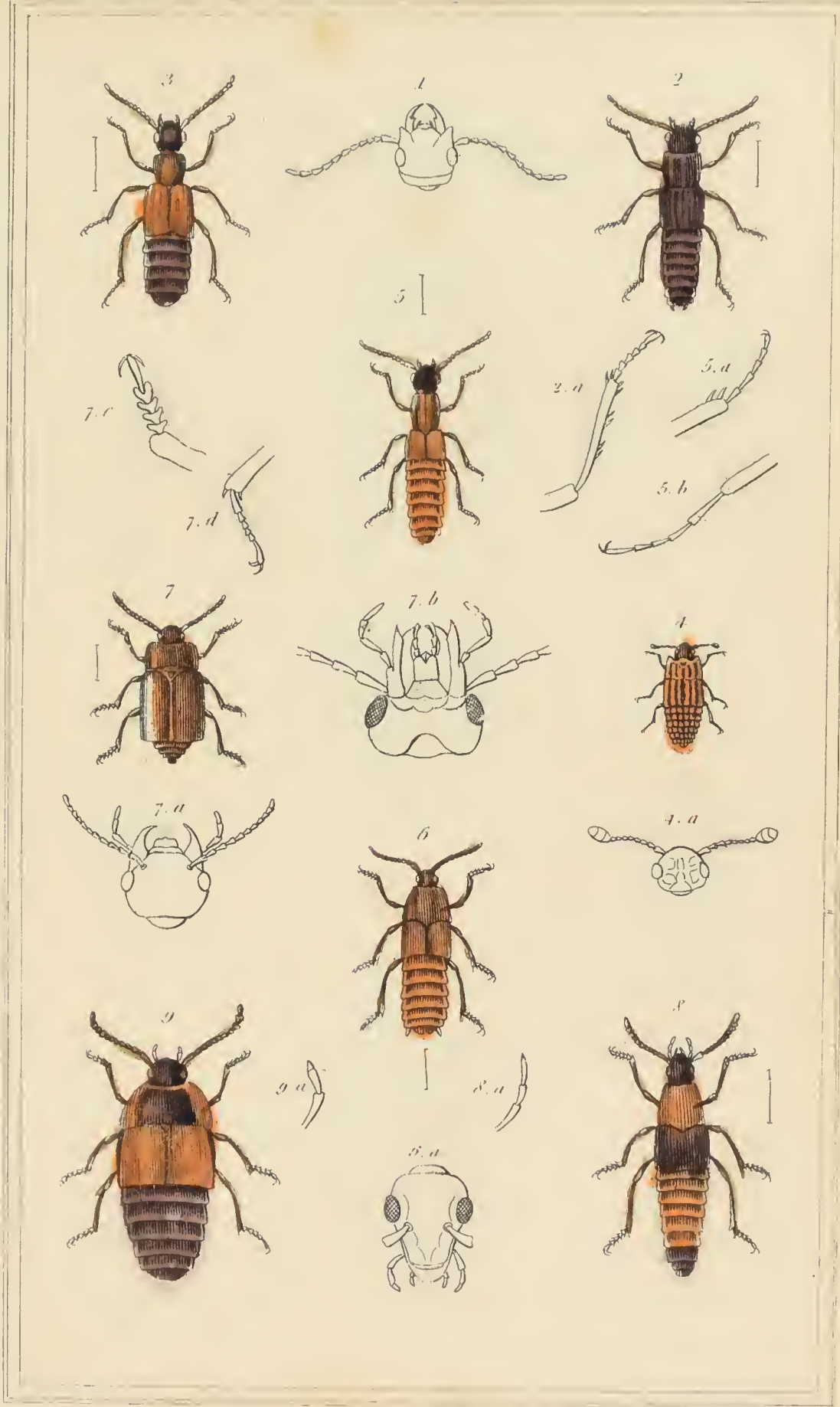
1 *Oxyperus rufus* Lin. 2 Head of the *Astraperus ulmicus* Oly. 3 *Staphylinus latericus* Esc. 4 *Lathrobium elongatum* Lin. 5 *Predorus cupreollis* Fab. 6 *Procerus lefebvrei* Lat. 7 Head of the *Ex aesthetus*. 8 *Stenus longitarsis* Lin. 9 Anterior Tarsus of the *Stilicus*. 10 *Oxytelus tricornis* Fab. 11 *Osgorus brasiliensis* Guér. 12 *Zyrophorus striatus* Leach.



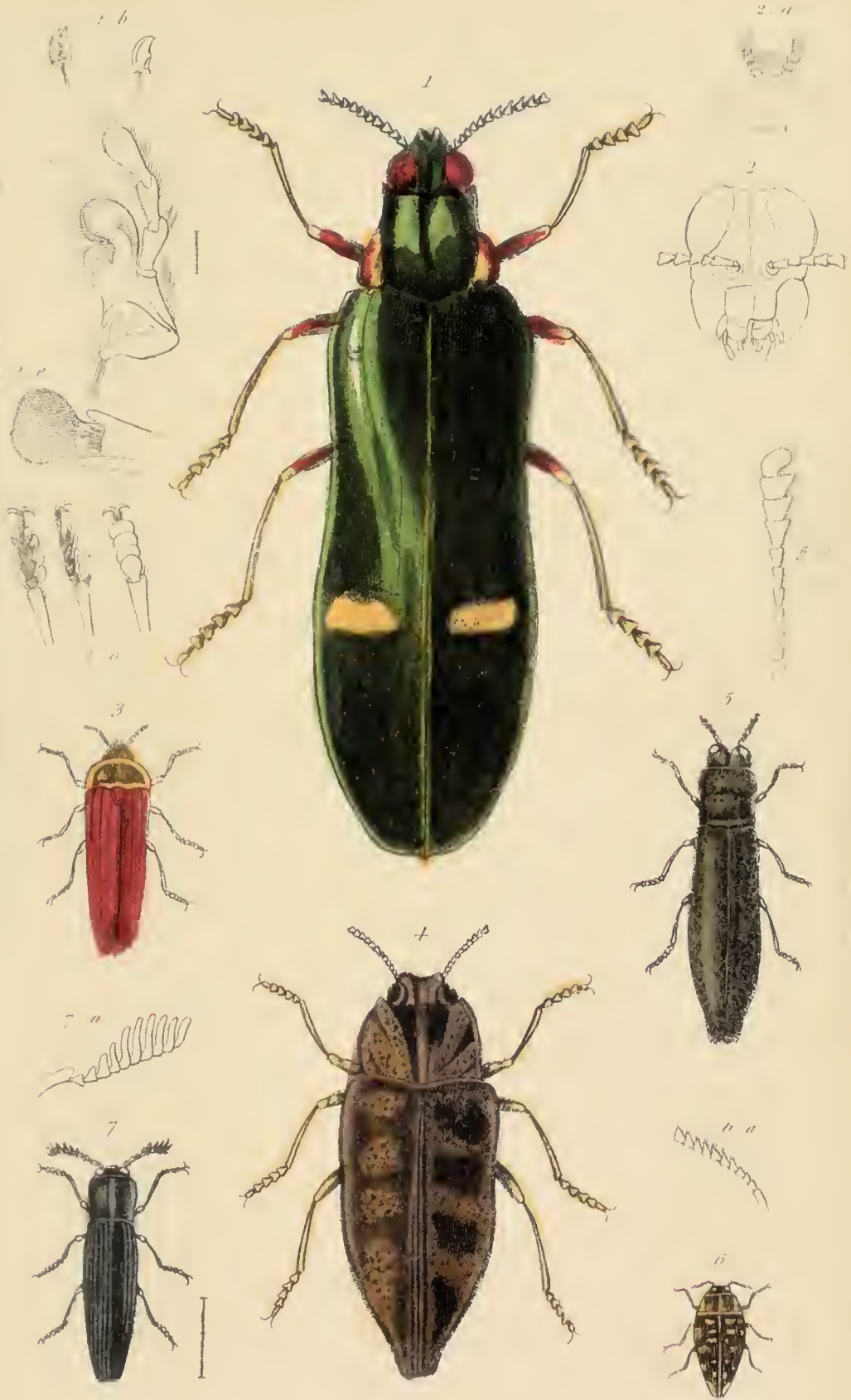
1. *Buprestis bicolor* Lat. 2. Anatomy of the *Buprestis gigas* Fab. 3. *Buprestis rubripennis* Guér.
 4. *Buprestis Lalandii* Guér. 5. *Aphanisticus emarginatus* Lat. 6. *Trachys cruentata* Fab.
 7. *Melasis buprestoides* Oliv.



1. *Enicemius capricornis* Muir. 2. *Pterotarsus lustris* Latr. 3. Anatomical details of the *Galba marmorata* Guér. 4. *Adelocera chabannii* Guér. 5. *Bachydes ruficollis* Guér. 6. *Cerophytum clateroides* Latr. 7. *Throscus dermestoides* Latr. 8. *Chelonarium undatum* Latr. 9. *Cryptostoma denticornis* Fabr. 10. Head & corslet of the *Lobaderus monilicornis* 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.

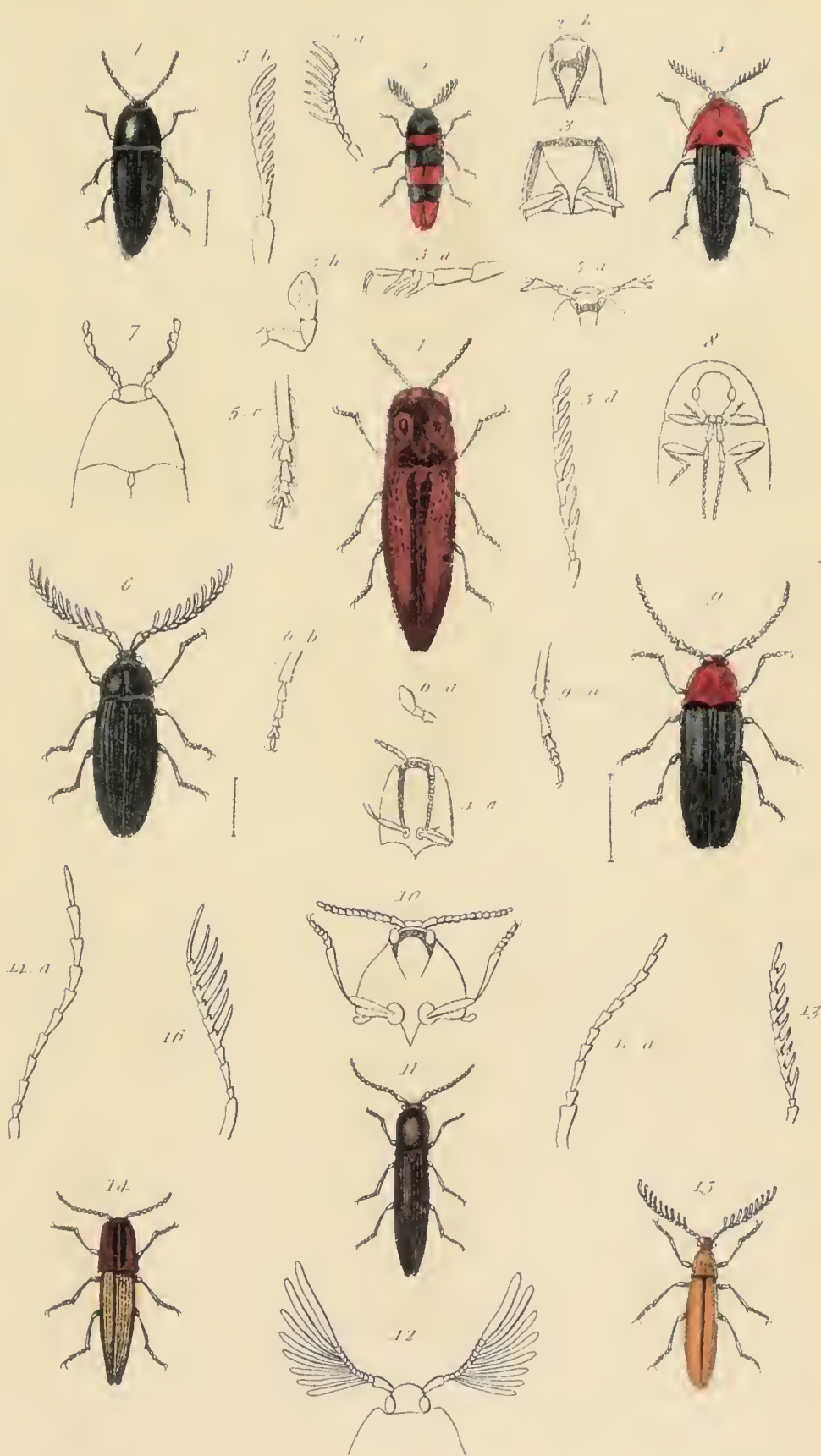


1. Head of the *Prognatha rufipennis* Lat. 2. *Coprophilus rugosus* Grav. 3. *Lepteva dichroa* Latr.
 4. *Micropeplus mülleri* Dej. 5. *Allochra canaliculata* Fab. 6. *Lomechusa paradoxa* Grav.
 7. *Onalium blattoides* Grav. 8. *Tachinus atricapillus* Fab. 9. *Tachyporus marginatus* Grav.

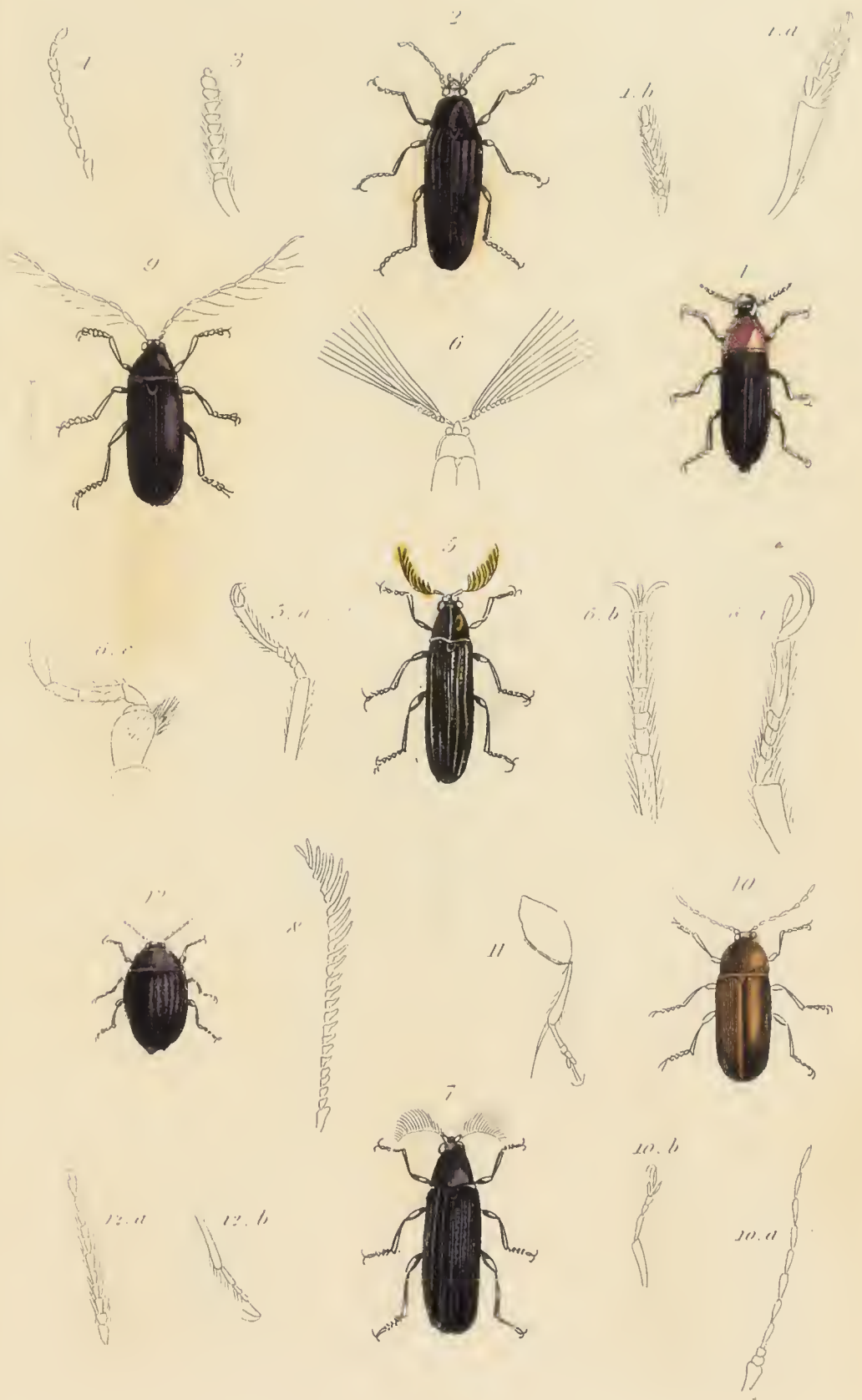


1 *Buprestis bicolor* Lat. 2 Anatomy of the *Buprestis gigas* Fab. 3 *Buprestis rubripennis* Guér.
 4 *Buprestis Falandri* Guér. 5 *Aphanisticus emarginatus* Lat. 6 *Trachys cruentata* Fab.
 7 *Melasis buprestoides* Oliv.

W. Anderson ? Old Bath



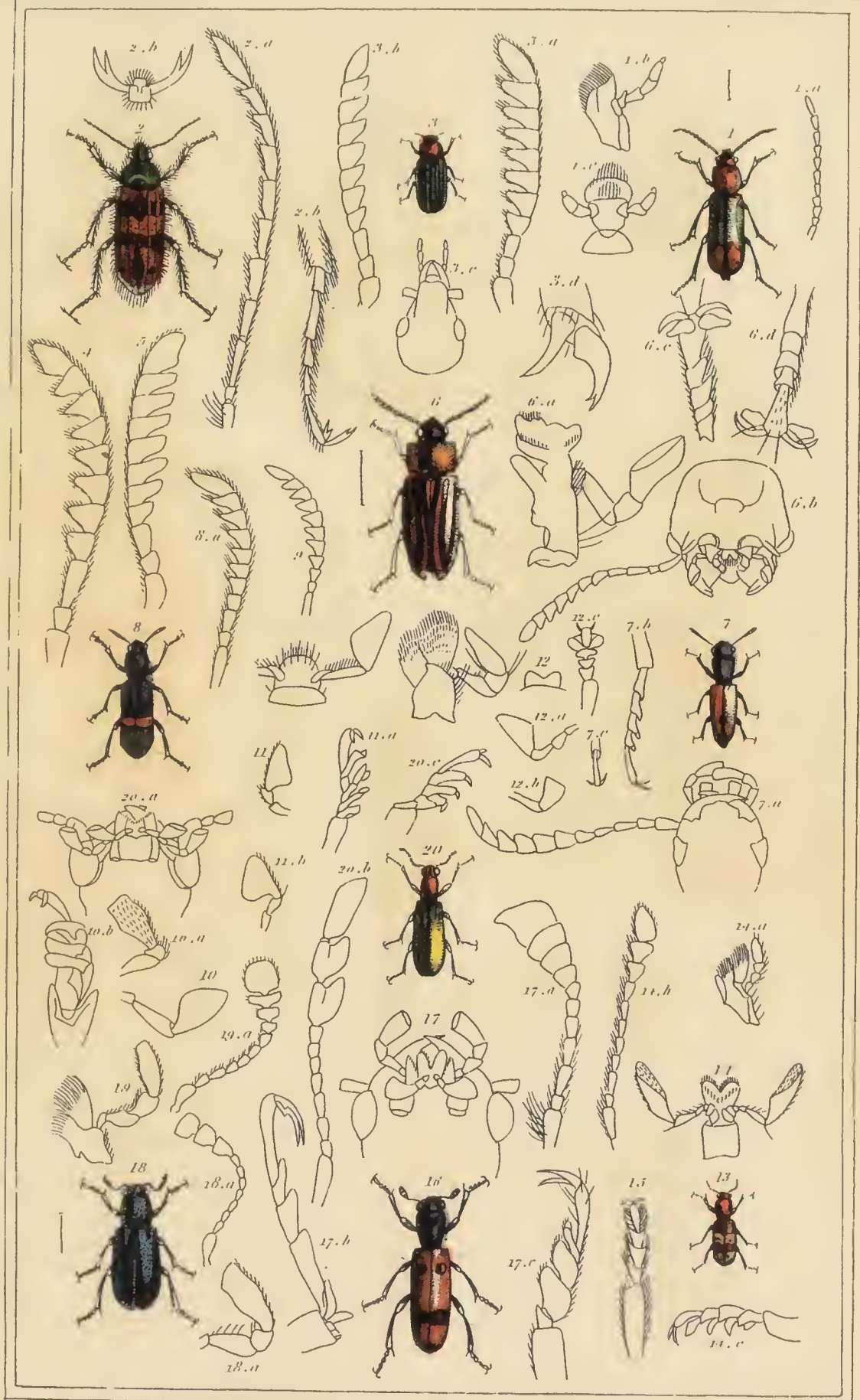
1. *Eucnemis capucinus*, Man. 2. *Pterotarsus lustris*, Latr. 3. Anatomical details of the *Galba marmorata*, Guér. 4. *Adelocera chabannii*, Guér. 5. *Bachyderes ruficollis*, Guér. 6. *Cerophytum elateroides*, Latr. 7. *Throscus dermestoides*, Latr. 8. *Chelonarium undatum*, Latr. 9. *Cryptostoma denticornis*, Fabr. 10. Head & corselet of the *Lobadernis nivalicornis*, Guér. 11. *Nematodes fshawii*, Latr. 12. Head of the *Hemarrhipus flabellicornis*, Latr. 13. Antenna of the *Ctenicera harnachi*, Dej. Latr. 14. *Flater plagiatus*, Germ. 15. *Campylus denticollis*, Fischer. 16. Antenna of the *Phyllocerus flavipennis*, Dej.



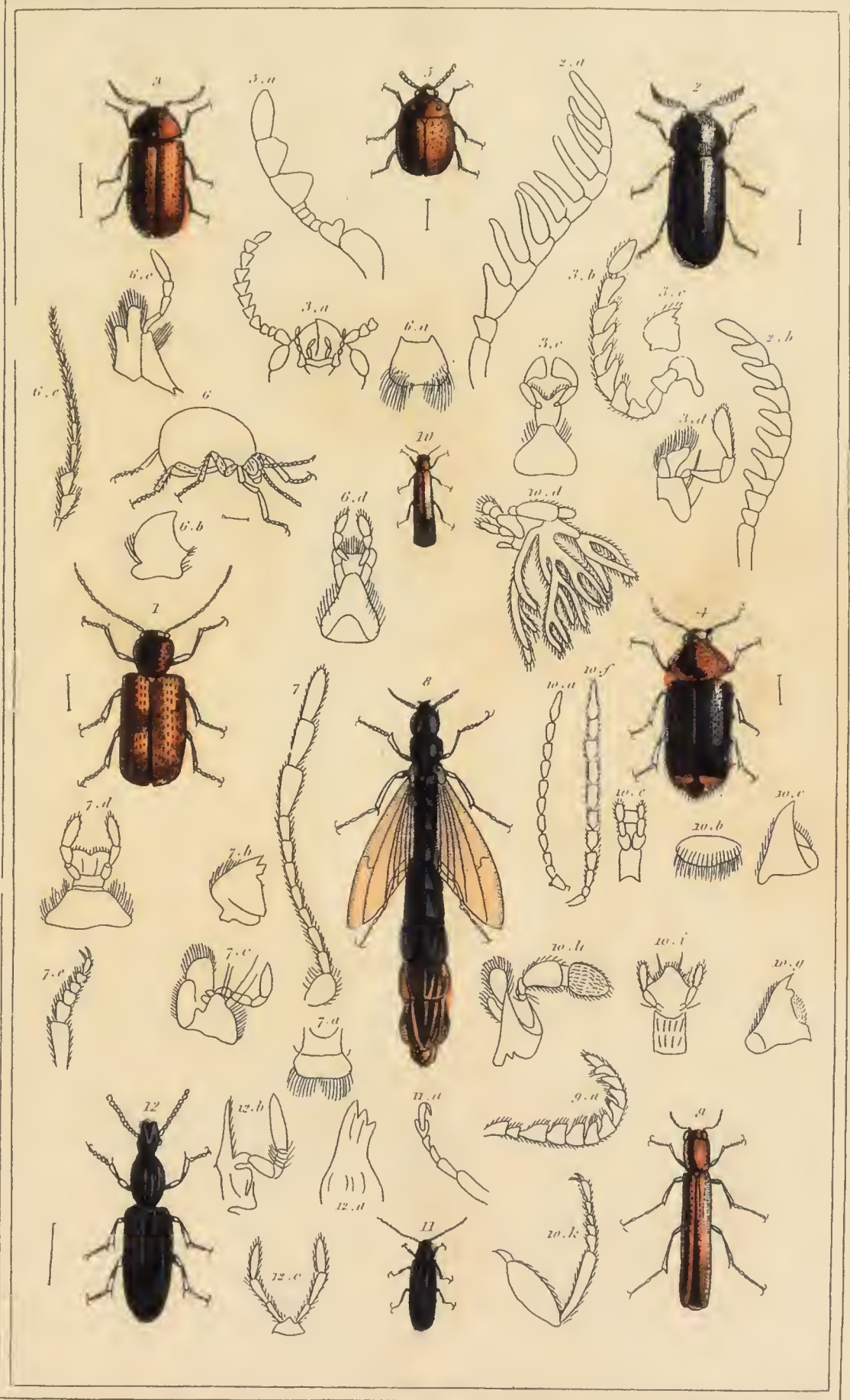
1 *Physodactylus Henningi* Fisch. 2 *Cebrio fuscus* Gory. 3. Antenna of the *Cebrio gigas* fem. 4. Antenna of the *Anelastes Drurii* Kirby. 5 *Gallirhipis Goryi* Guerin. 6. Anatomical details of the *Gallirhipis Hejeanii* Latr. 7. *Rhipicera cyanea* Guér. 8. Antenna of the *Rhipicera* fem. 9. *Ptilodactyla elaterina* Illig. 10. *Elodes pallidus* Latr. 11. Thunder-foot of the *Seyrtes*. 12. *Tubria palustris* Germ.



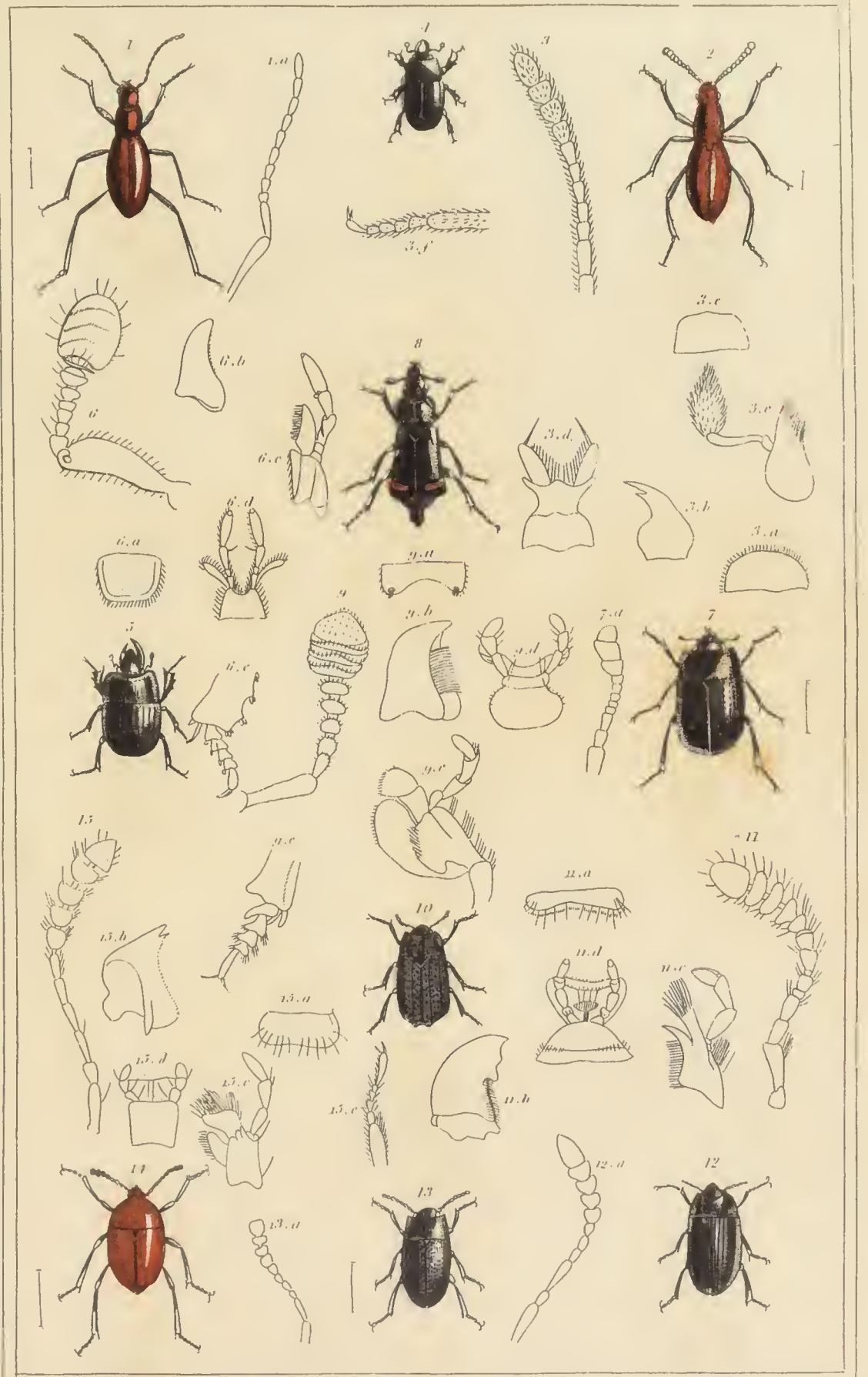
1. *Lyons latissimus* Fab. 2. Head of the *Euryptera sanguinea* Latr. 3. Antenna of the *Onalix saturalis* Geoff. 4. *Drilus flavescens*, female. 5. male of the same species as fig. four. 6. *Drilus rugicollis* Dej. 7. *Lampyrus Savignyi* Kirby. 8. Antenna of the *Amphidete* s. Hoff. 9. Anatomical details of the *Cladophorus ruficollis* Guér. 10. *Silus nigricolor* Guér. 11. *Melthianus bipunctatus* Oliv. 12. Anatomical details of the *Cordylocera antennata* Guér.



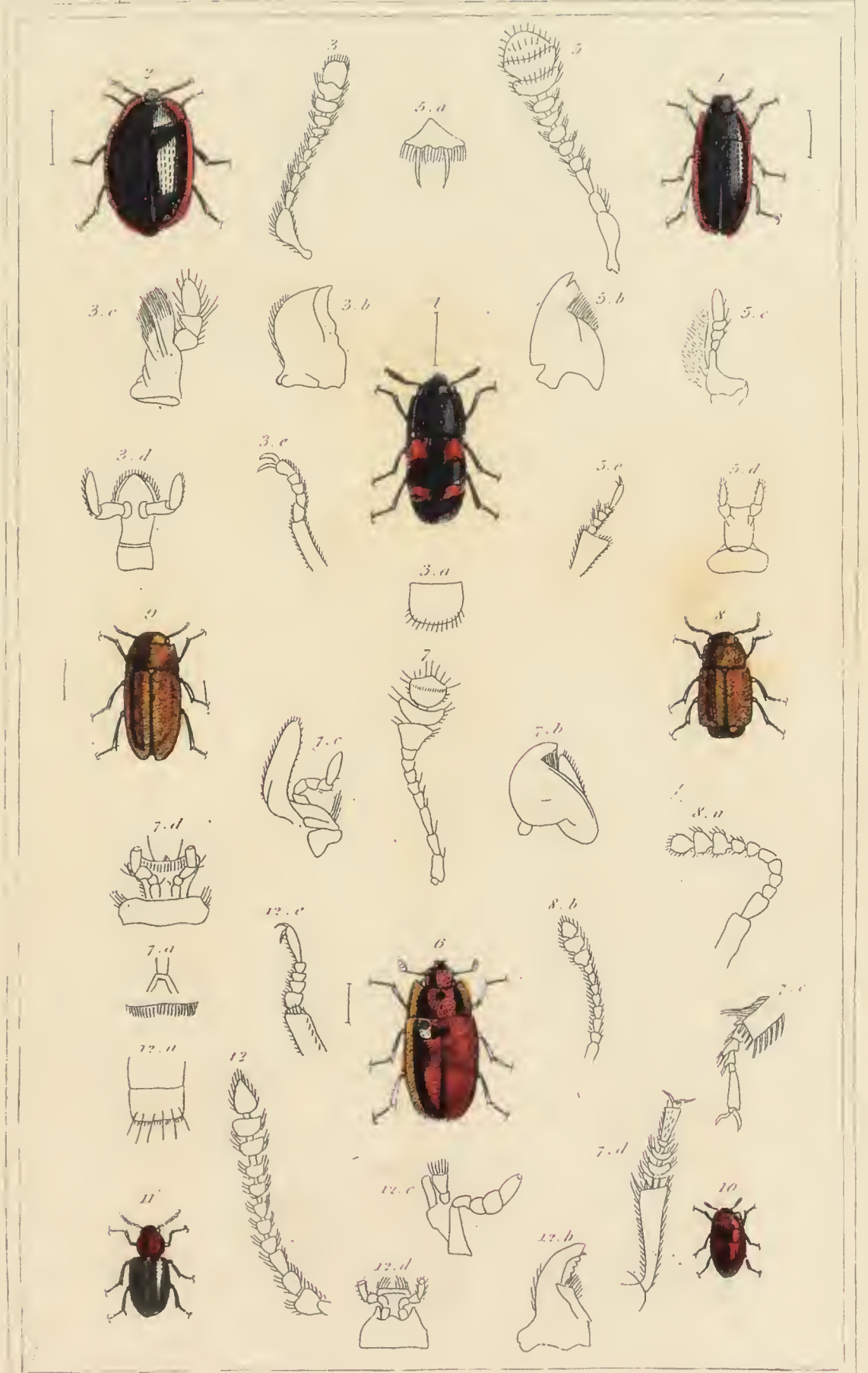
1. *Malachius ruficollis*. Fab. 2. *Dasytes trifasciatus*. Guér. 3. *Lygia oblonga*. F. 4. *Melyris viridis*.
 5. *Melyris abdominalis*. F. 6. *Pelecophora nigrolinata*. Guér. 7. *Cyclidius Buquetii*. Guér. 8. *Tillus rubricollis*. Guér. 9. *Tillus unifasciatus*. F. 10. *Priocera*. 11. *Axiana*. 12. *Eucypus*. 13. *Thamasium bombycinus*. Chev. 14. *Thamasium formicarum*. F. 15. *Opilo*. 16. *Clerus Olivieri*. Chev. 17. *Clerus Alvearius*. F. 18. *Necrobia violacea*. L. 19. *Necrobia ruficollis*. F. 20. *Enoplium viridipenne*. Kirby



1. *Ptinus italicus*. Chev. 2. *Ptilinus serraticornis*. Oliv. 3. *Xyletinus pallens*. Stev. 3. b a c Anatomical details of the *Xyletinus pectinatus*. Fab. 4. *Ochina sanguinicollis* Zedl. 5. *Dorcotoma rubens*. Chev. 6. *Gibbium sectius*. Oliv. 7. Anatomical details of the *Anobium pertinax*. L. 8. *Attractocerus molochoides*. Guér. 9. *Hylecoetus Javanus*. Chev. 10. *Lymexylon novale*. Oliv. 11. *Cupes capitata*. F. 12. *Physodes costatus* Chev.



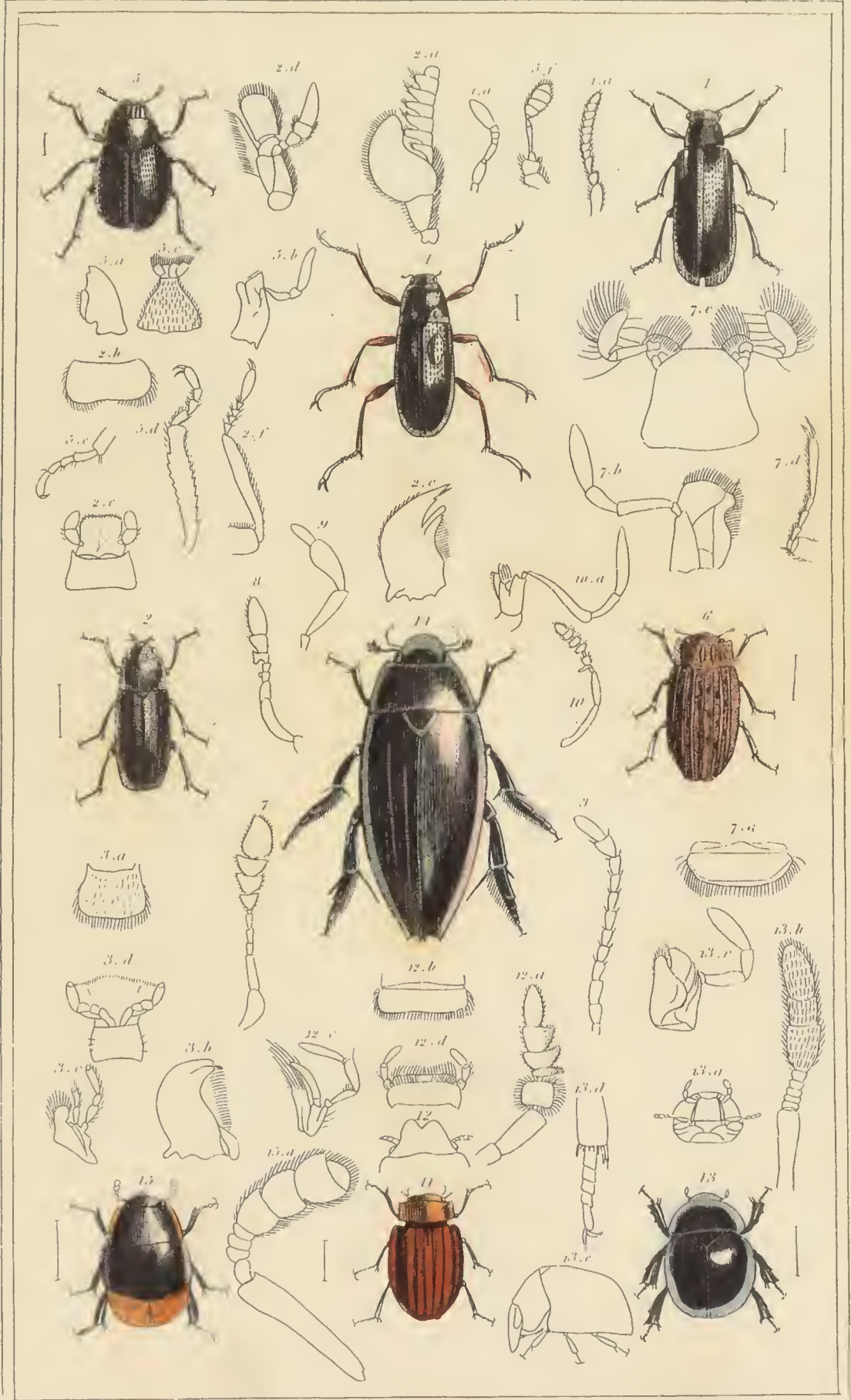
1. *Mastigus fuscus*, Hilg. 2. *Seydmanus helwegii*, Var. lat. 3. Anatomical details of the *Seydmanus hirticollis* Gr. 4. *Hololopta plicatata* F. 5. *Hister manubularis* Chev. 6. Anatomical details of the *Hister maculatus* L. 7. *Sphaerites alabratus* F. 8. *Necrophorus maritimus*, Eschsch. 9. *Necrophorus germanicus* L. 10. *Silpha granulifera* Chev. 11. *Necrodes littoralis* L. 12. *Necrophilus hydrophiloides*, Eschsch. 13. *Agertes castaneus* F. 14. *Scaphidium nigripes*, Chev. 15. *Scaphidium maculatum*, Oliv.



1. *Colobiscus marginatus*. Lat. 2. *Thymalus marginicollis*. Chev. 3. Anatomical details of the *Thymalus limbatus*. F. 4. *Ips fuscicollis*. Oliv. 5. Anatomical details of the *Ips punctata*. Herbst. 6. *Nitidula peruviana*. Guér. 7. Anatomical details of the *Nitidula imperialis*. F. 8. *Cercus pulicarius*. Lat. 9. *Pterurus tenuicornis*. F. 10. *Baene femoralis*. Chev. 11. *Cryptophagus nigripennis*. Payk. 12. Anatomical details of the *Cryptophagus populi*. Payk.



1. *Aspidiphorus orbiculatus*, Gyl. 2. *Dermestes mivorus*, Fab. 3. *Megatomia undata*, Lat. 4. Anatomical details of the *Megatomia trifasciata*, F. 5. *Attagenus serratus*, F. 6. *Anthrenus capensis*, F. 7. Anatomical details of the *Nosodendron fasciculare*, M. & S. 8. *Byrrhus alpinus*, Goy. 9. Anatomical details of the *Byrrhus Demai*, Kirb. 10. *Trinodes hirtus*, F. 11. *Heterocerus marginatus*, Fab. 12. Foot of the *Byrrhus concolor*, Sturm

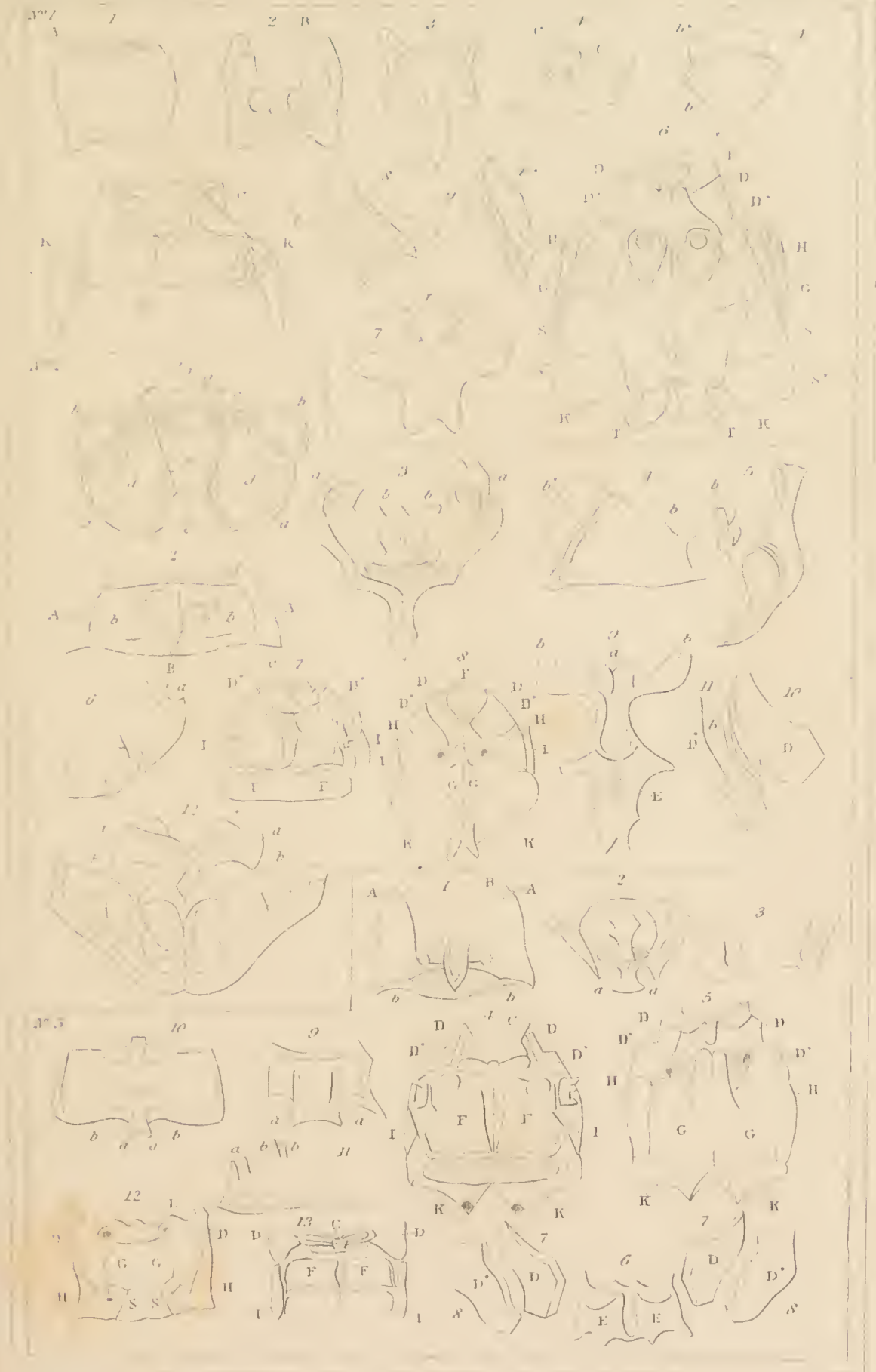


1 *Potamophilus orientalis*, Gory. 2 *Dyops prolifericornis*, Fab. 3 Anatomical details of the *Elmis Volekumari*, Emx. 4 *Macronychus tuberculatus*, Mul. 5 *Georisus pygmaeus*, Gyl. 6 *Elphorus rubilus*, Fab. 7 Anatomical details of the *Elphorus femens*, Lph. 8 Antenna of the *Hydrochus elongatus*, Fab. 9 Palpi of the *Oelthebins hibernicus*, Girt. 10 Anatomical details of the *Hydrina testacea*, Girt. 11 *Sperchus sulcatus*, Gory. 12 Anatomical details of the *Sperchus emarginatus*, Fab. 13 *Globaria nitida*, Gory. 14 *Hydrophilus spinipennis*, Gory. 15 *Spheridium dividiatum*, Gory.

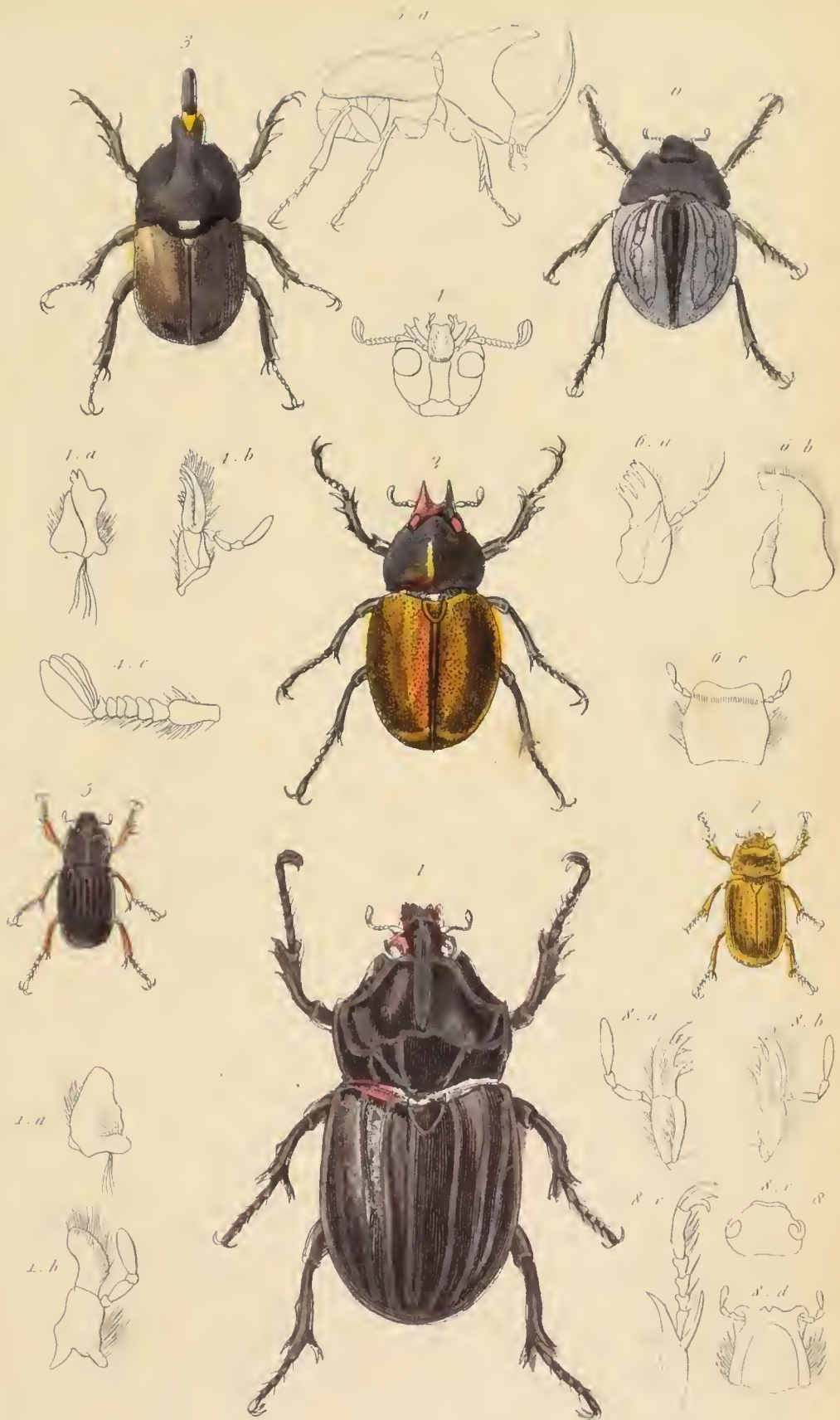
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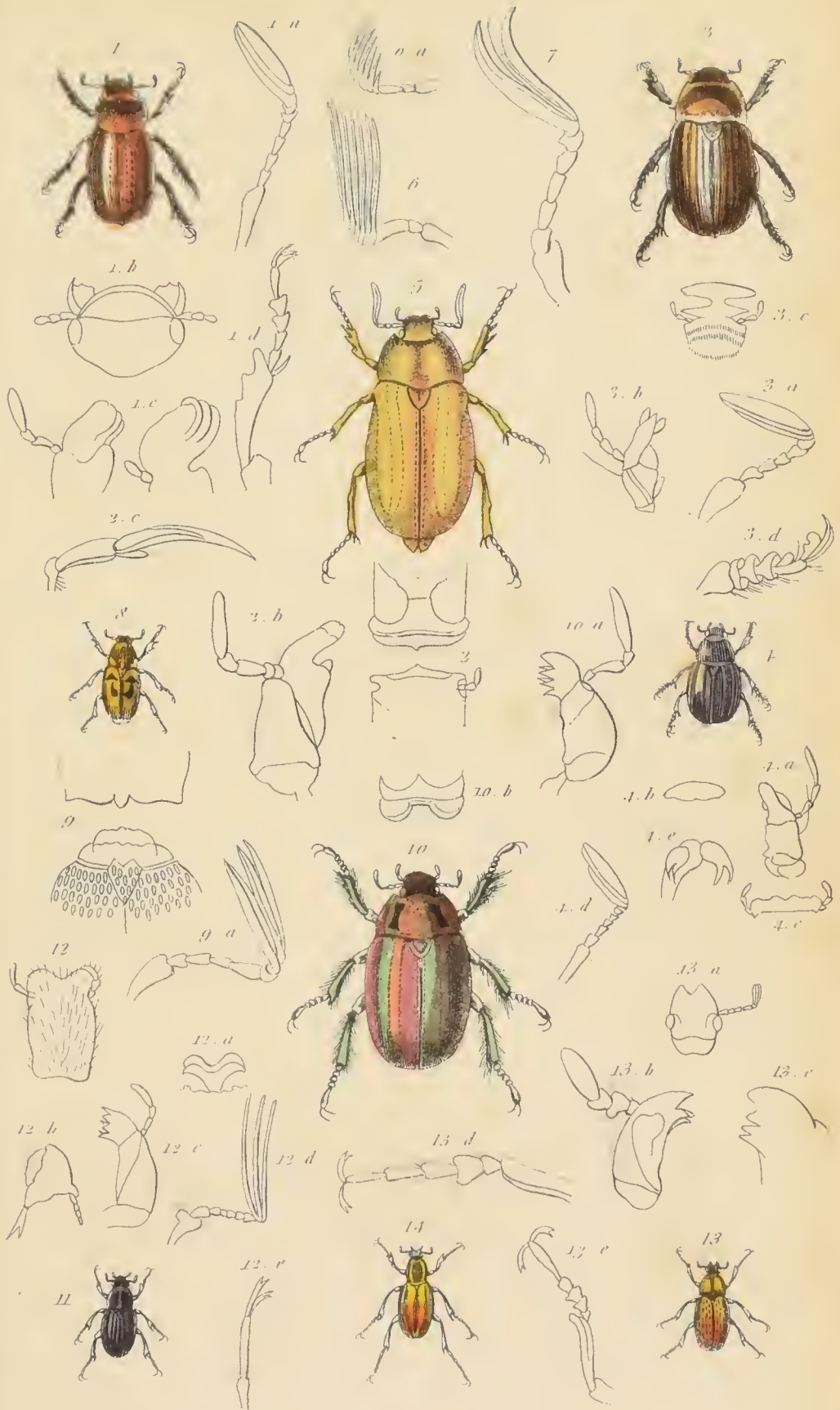
1. *Atenuchus Egyptianorum*, Latr. 2. Anatomical details, of the *Atenuchus sacer*, Latr. 3. *Circellium hemisphericum*, Latr. 4. *Coprobius viridis*, Latr. 5. *Eurystermus firdus*, Guér. 6. *Ontophagus rarus*, Guér. 7. Anatomical details of the *Ontophagus vacca*, Latr. 8. *Phaneus imperator*, Chevrol. 9. *Oniticeilus formosus*, Chevrol. 10. *Copris bellator*, Chevrol. 11. *Aphodius bipunctatus*, Esbr.



Organs of Motion in Insects.



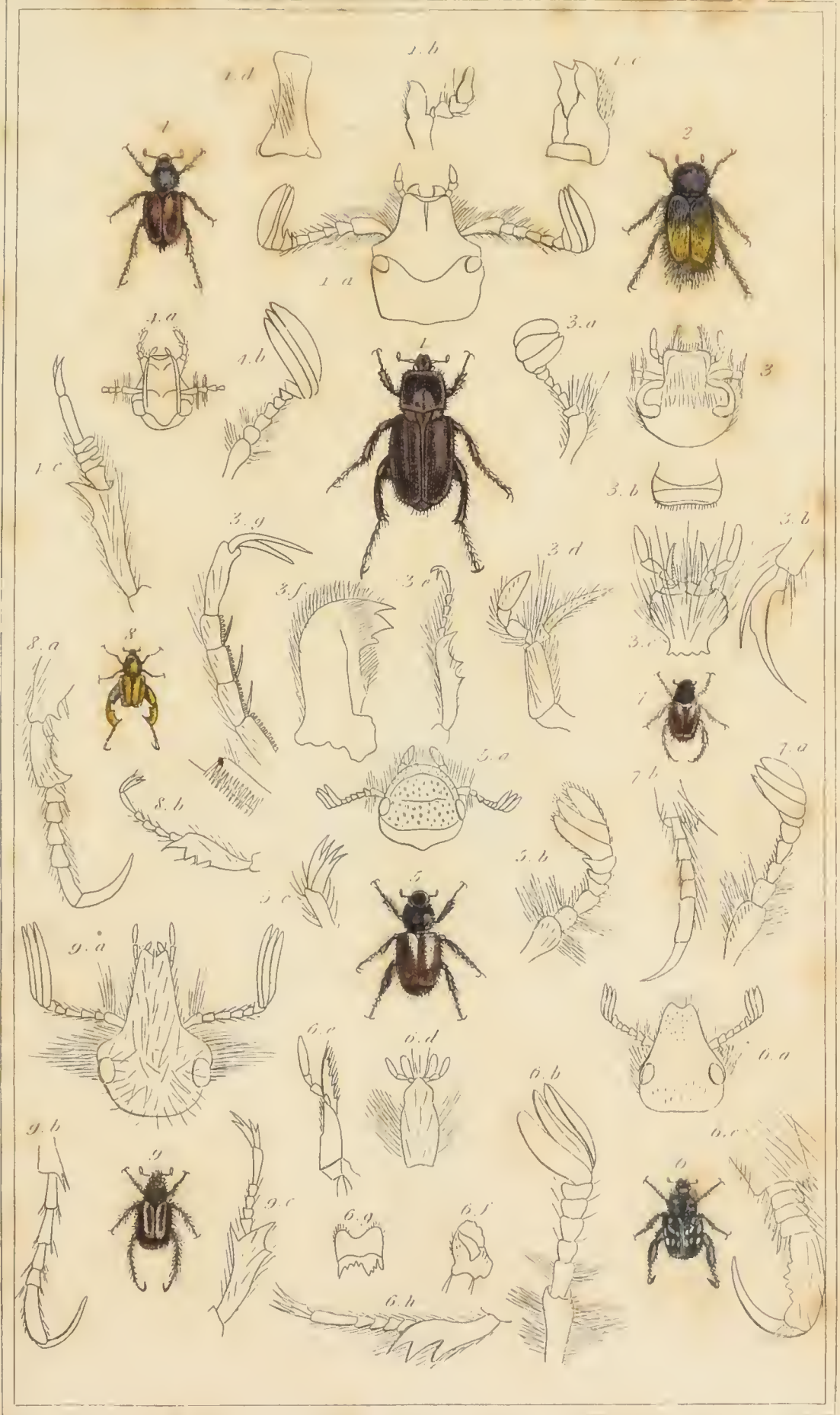
1 *Hyrcetes Chevrolati*, Fabr. 2. *Agacephala furcata*, Fabr. 3. *Scarabaeus mentus*, Fabr. 4. Anatomical details of the *Scarabaeus mentus*, Fabr. 5. *Phileurus erubescens*, Chev. 6. *Hexodon reticulatus*, Olivier. 7. *Cyclocephala frontalis*, Chev. 8. Anatomical details of the *Cyclocephala granulata*, Fabr.



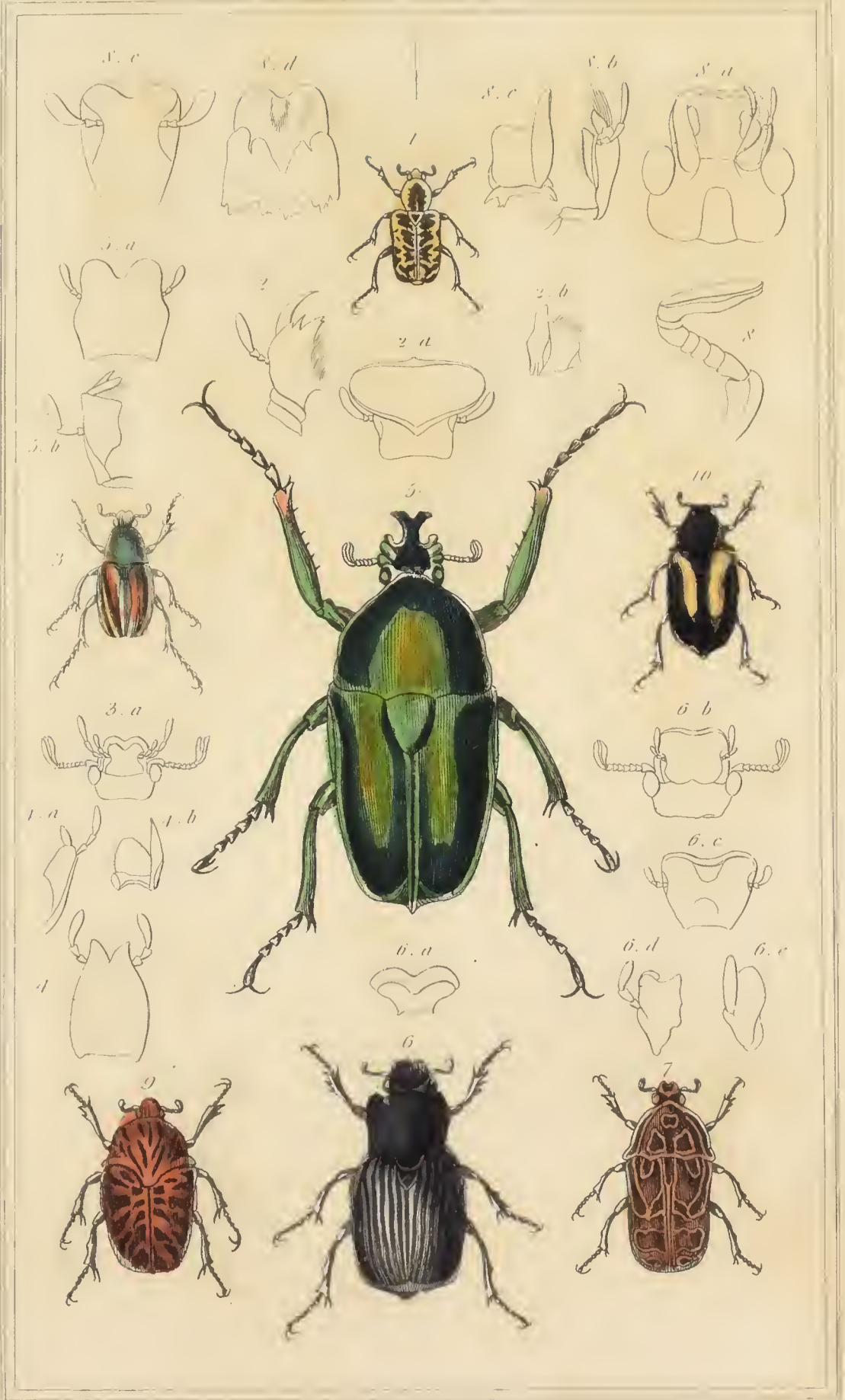
1. *Leucothyreus nitidicollis* Guér. 2. Anatomical details of the *Amphognathus latreillei* Sch. 3. *Gemmates barbatus* Kirby. 4. *Apogonia gemellata* Kirby. 5. *Melolontha flavida* Gory. 6. Antenna of the *Melolontha vulgaris* L. 7. Antenna of the *Blusotrogus pini* Latr. 8. *Ceraspis decora* Gory. 9. Anatomical details of the *Ceraspis albida* Serv. 10. *Aeneida kirbyi* Mac Leay. 11. *Serica flavimana* Gory. 12. Anatomical details of the *Serica variabilis* Lat. 13. *Diphucephala furcata* Guér. 14. *Macromelocis saturalis* Chevè.



1 *Plectris toncensis* Lep. & Serv. 2. *Popalra nitidicollis* Gory. 3. *Anisophia saturalis* Gurr.
 4. *Euchlora viridana* Guér. 5. *Lopisia ruficollis* Serv. 6. *Durania velutina* Gory.
 7. *Hoplia formosa* Fabr. 8. *Dichelus dentipes* Serv.



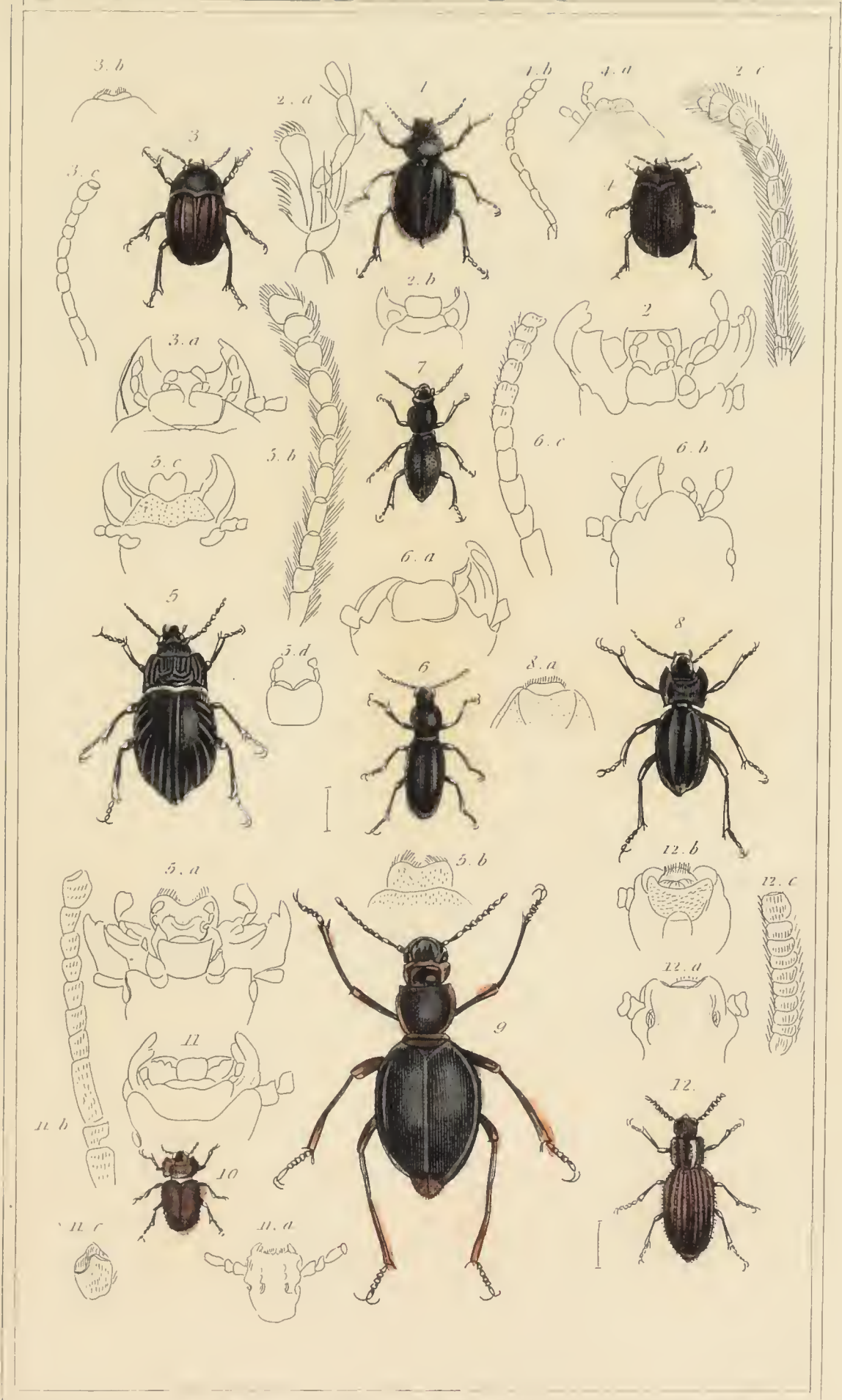
1. *Glaphyrus rufipennis* Grav. 2. *Amphicomus humbyliformis* Pall. 3. Anatomical details of the *Amphicomus* Tassern. 4. *Anthipua abdominalis* Esch. 5. *Chasmopterus bartulus* Stly. 6. *Pachyemmus crassipes* Grav. 7. *Lepitrix abbreviatus* Grav. 8. *Monocheilus gonayeri* Grav. 9. *Amsonyx nasuta* Wied.



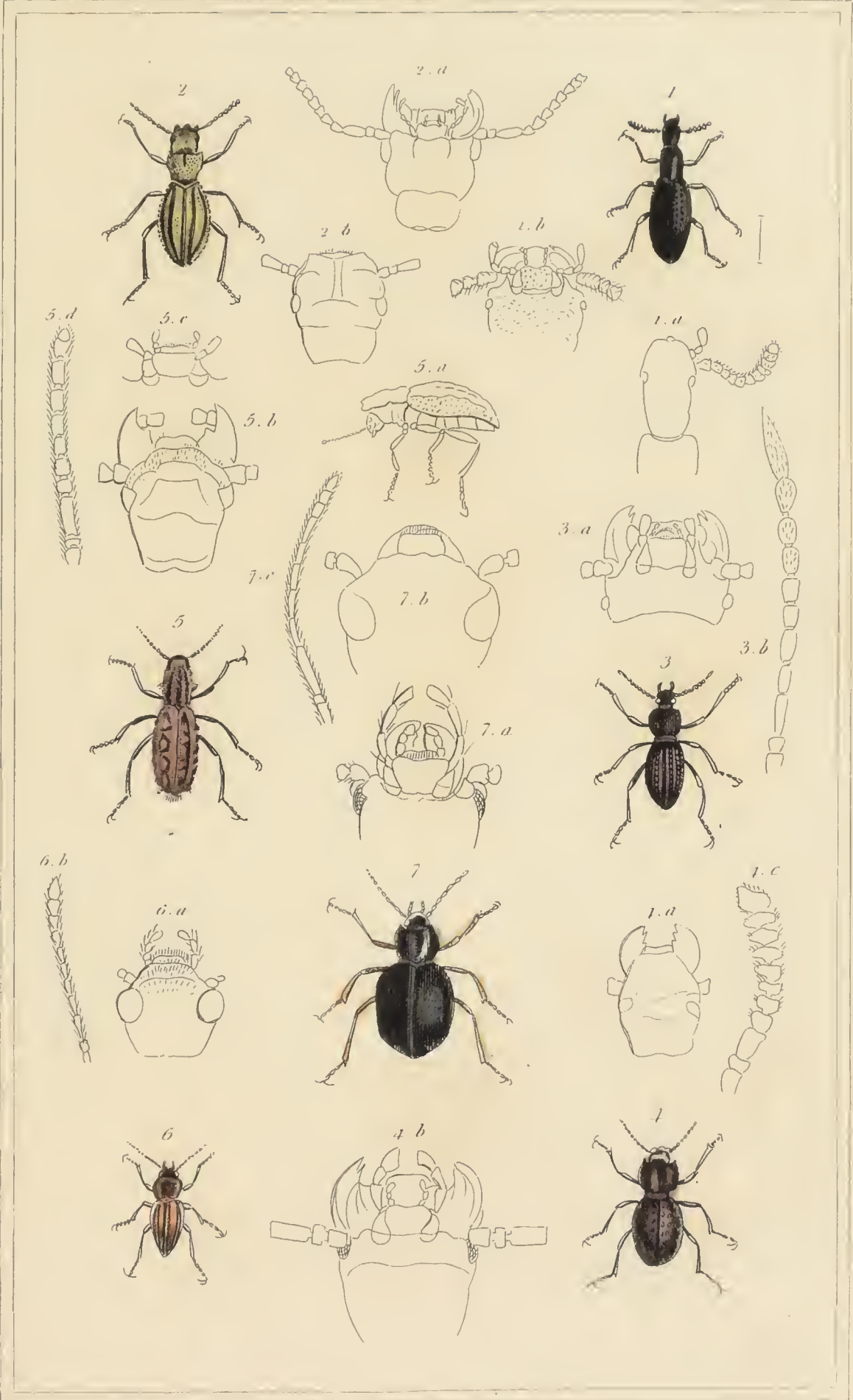
1. *Cremastocheilus luteus* Grav & Park. meogr. 2. Anatomical details of the *Cremastocheilus elongatus* Oliv. 3. *Trichia zebra* Oliv. 4. Anatomical details of the *Trichia fuscicornis* F. 5. *Goliath nigrans*, G. & P. Oliv. 6. *Platygenia zanzibarica* Muls. Grav. 7. *Cetonia Buxi* G. & P. 8. Anatomical details of the *Cetonia aurata* F. 9. *Gymnetis nervosa* G. & P. 10. *Macronota aggregata* G. & P.



1. *Sinodendron cylindricum* L. Fab. 2. *Osalus scaraboides* Fab. 3. *Lucanus canonicus* Linn.
 4. *Platycerus auriculatus* Gory. 5. *Lamprima ornulata*. 6. *Pholidotus Humboldtii* Sch. 7. *Passalus pentaphyllus* Fabric-Haww. 8. Anatomical details of the *Passalus interruptus* Fab.



1. *Pimelia vestita*, Gory. 2. Anatomical details of the *Pimelia sericea*. 3. *Erodinus gibbus*, Fabr. 4. *Zophosis testudinarius* Oly. 5. *Nyctelia lucroti*, Chev. 5. c. d. Anatomical details of the *Nyctelia brunripes* Latr. 6. *Hegeter taenioides*, Gory. 7. *Tentyria punctipennis* LeFebvre. 8. *Akis* Goryi, Guer. 9. *Elenophorus americanus*, Lucord. 10. *Eurychora rugosula*, Guer. 11. Anatomical details of the *Eurychora ciliata*. 12. *Adelostoma rugosa*, Gory.



1. *Tagenia orientalis*, Gory. 2. *Psammotenus costatus*, Guér. 3. *Scaurus rugosus*, Latr. 4. *Scotobius granosus*, Lacord. 5. *Sepidium vestitum*, Gory. 6. *Trachynotus vittatus*, Latr. 7. *Moluris lateipes*, Guér.

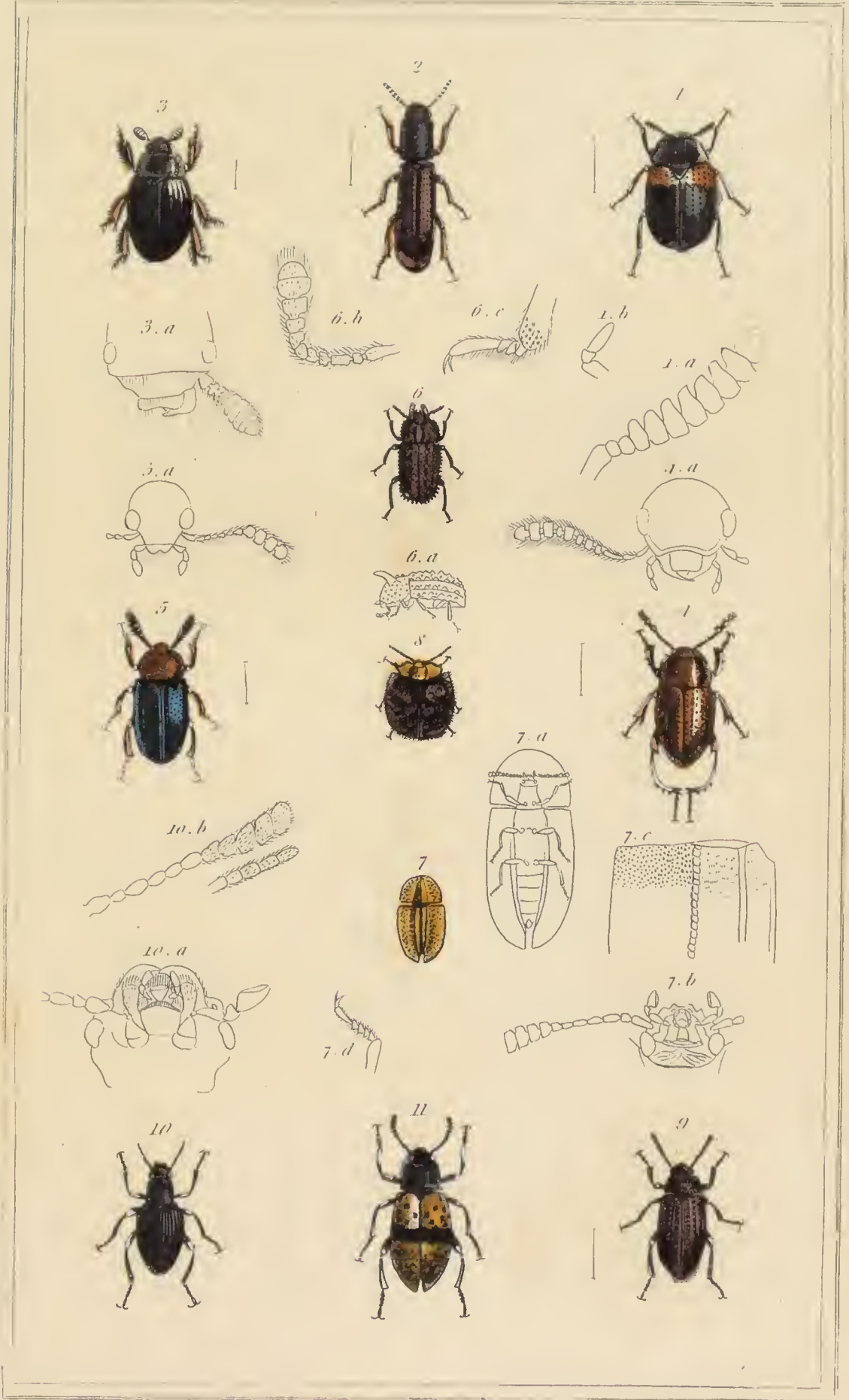
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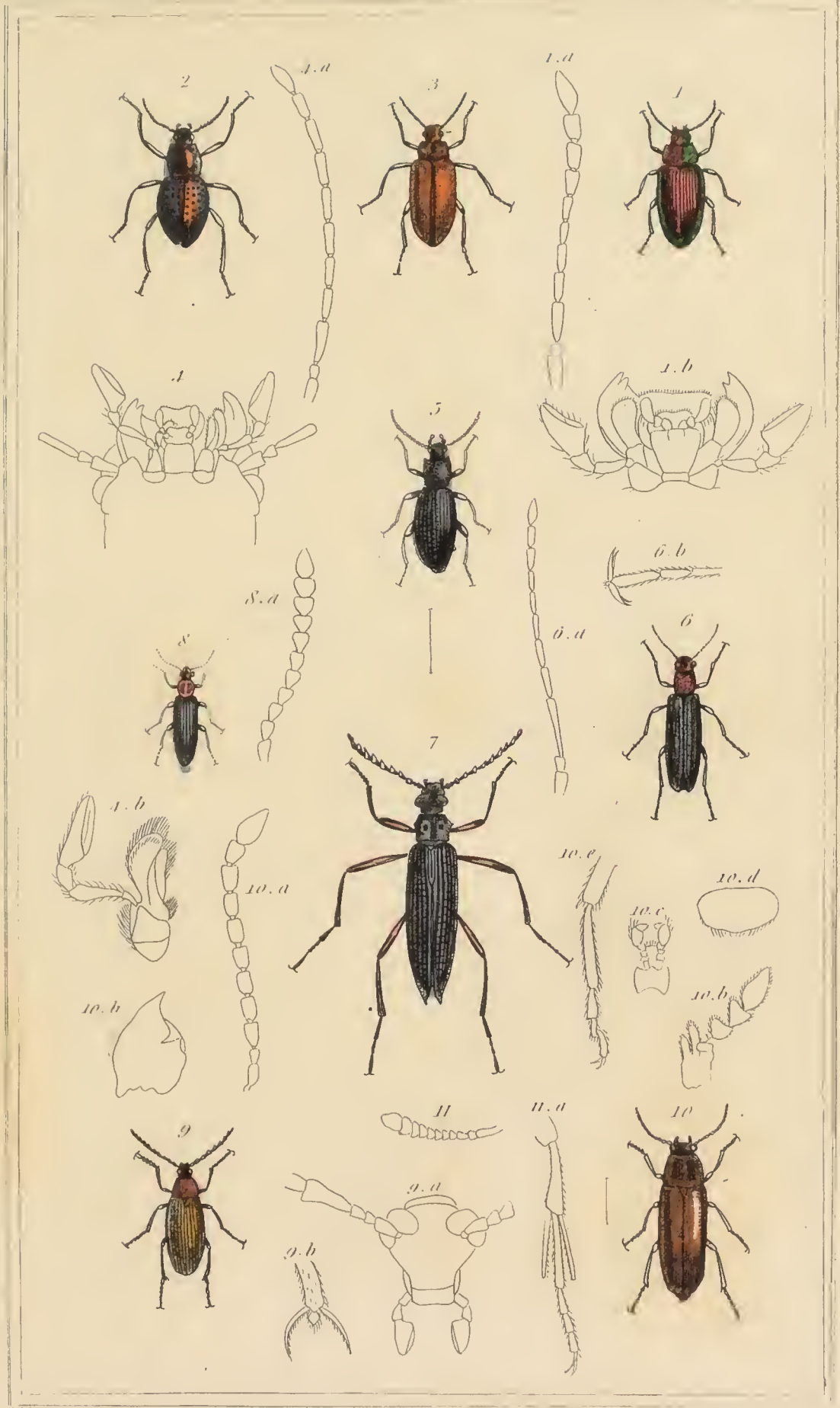
1. *Oxara setosa* Kirby. 2. *Acanthomeria gentilla* Guér. Herbst. 3. *Misolampus Hoffmannsequi* Guér. 4. *Blaps mortisaga* Latr. 5. Mouth & Antennae of the *Blaps sulcata* Fab. 6. *Gnompus tibialis* Latr. 7. *Anomalopus dentipes* Latr. Fab. 8. Torsel of the *Machla villosa* Herbst. 9. *Scotinus brasiliensis* Gory. 10. Mouth & Antennae of the *Agada levigata* Fab. 11. Tarsus & Antennae of the *Opatrinus chla-tratus* Dej. 12. Tarsus of the *Heliophilus hispanicus* Dej. 13. *Pedinus gibbosus* Gory. 14. Anatomical details of the *Blapsinus punctatus* Sch. 15. *Platyscelis gupes* Fisch.



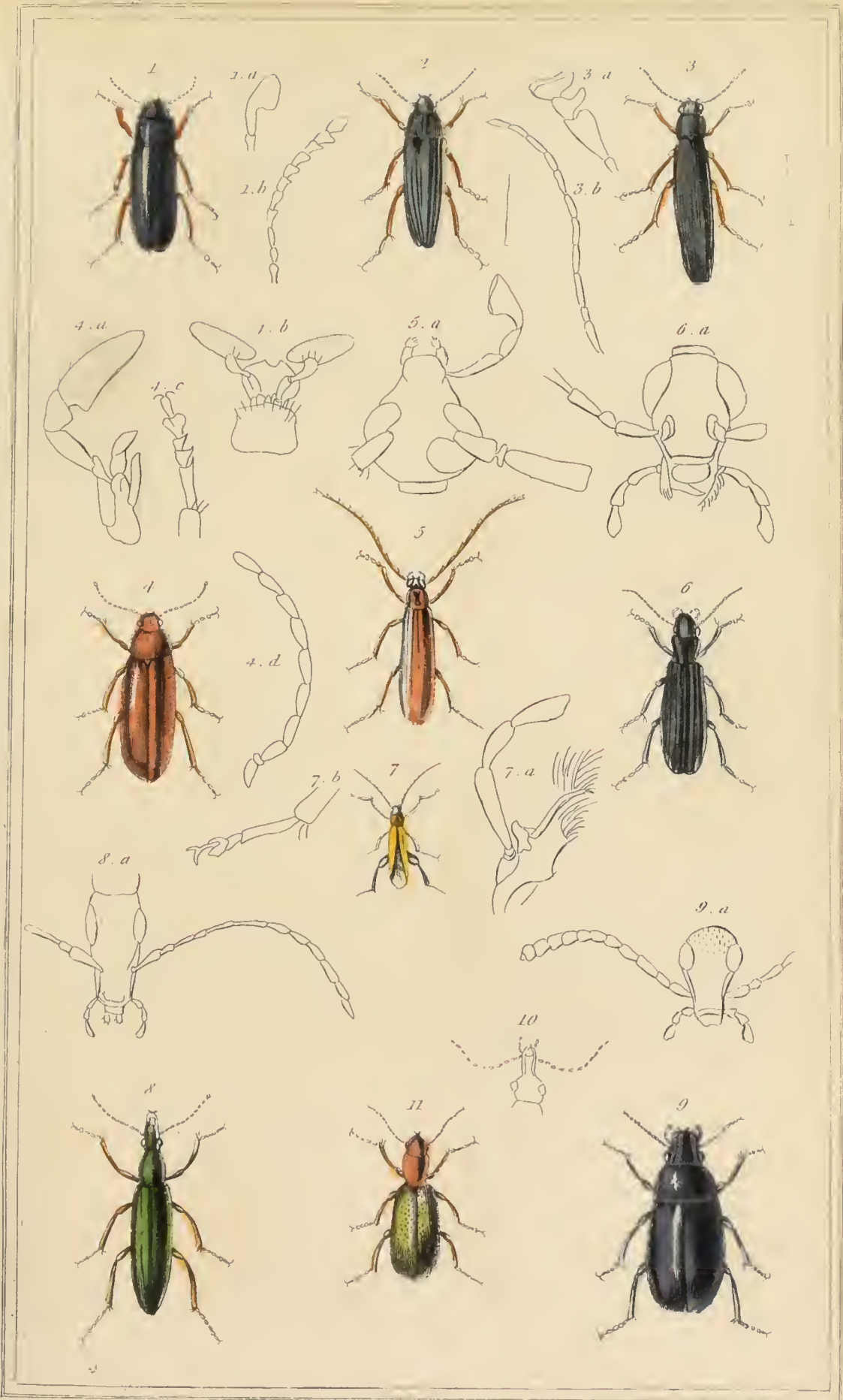
1. *Crypticus gibbulus*. Sch. 2. *Opatrum elongatum*. Guér. 3. *Corticus celtis fern*. 4. Anatomical details of the *Orthocerus nauticus*. Lat. 5. *Chroosechus bifinestratus*. Lam. 6. *Toxicaria curvicoxae*. Chev. 7. *Boros thoracicus*. Eyl. 8. *Calcar elongatum*. Herbst. 9. *Upis cerambyoides*. Fab. 10. Anatomical details of the *Tenebrio molitor*. Lat. 11. *Heterotaraxus trichrioides*. Guér. 12. *Tenebrio obscurus*. Fab.



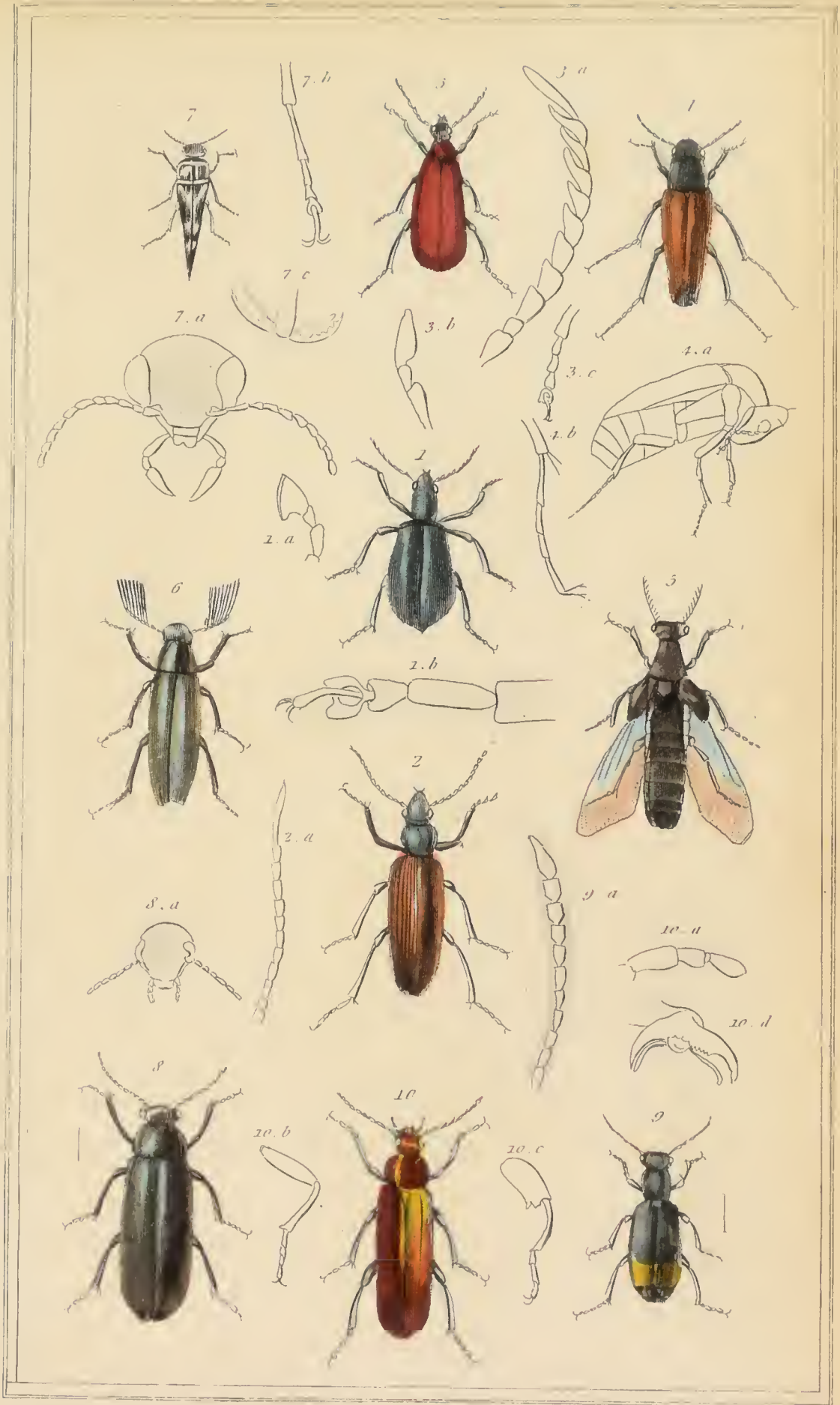
1. *Diaperis bipustulata*, Brul. Jap. 2. *Hypophleps castaneus*, Fab. 3. *Trachyseelis aphodioides*, Latr. 4. *Leiodes cinnamomea*, Ruz. 5. *Tetratoma fingorum*, Fab. 6. *Eledona cornuta*, Fab. 7. *Cosspyplus moniliferus*, Chev. 8. *Nilio lanatus*, Germ. 9. *Epitragus lineatus*, Chev. 10. *Cnodalon atrum*, Chev. 11. *Spheniscus pictus*, Chev.



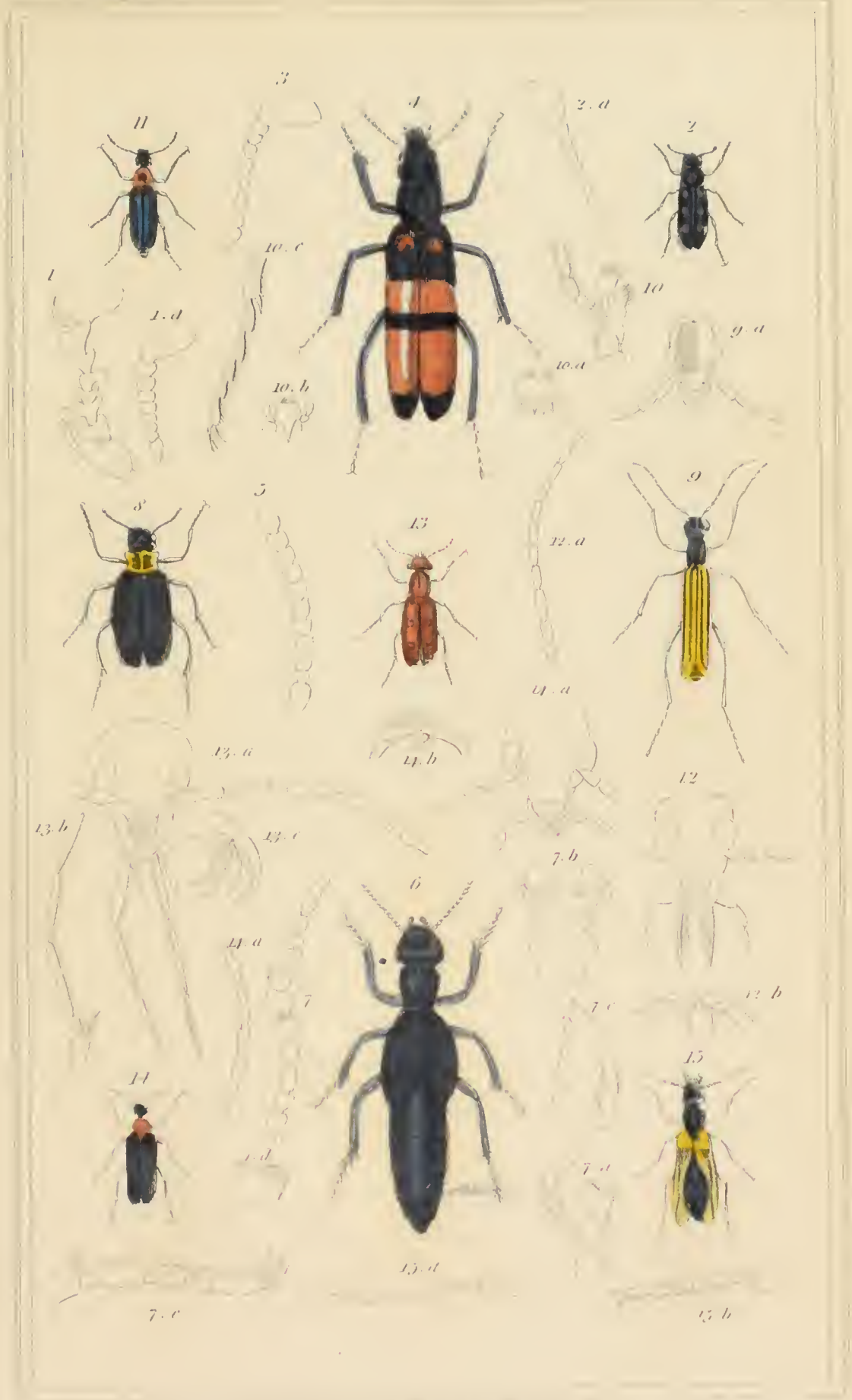
1. *Amatyginus cuprinus*, Esch. 2. *Sphaerotus curvipes*, Kirby. 3. *Helops saturalis*, Germ. 4. Anatomical details of the *Helops lanipes*, F. 5. *Leena piniella*, F. 6. *Stenotrachelus unicus*, Latr. 7. *Strongylium serraticorne*, Chev. 8. *Pitho depressus*, F. 9. *Cistela serrata*, Chev. 10. *Hallonemus haueri*, Latr. 11. Anatomical details of the *Orchesia nicens*, Latr.



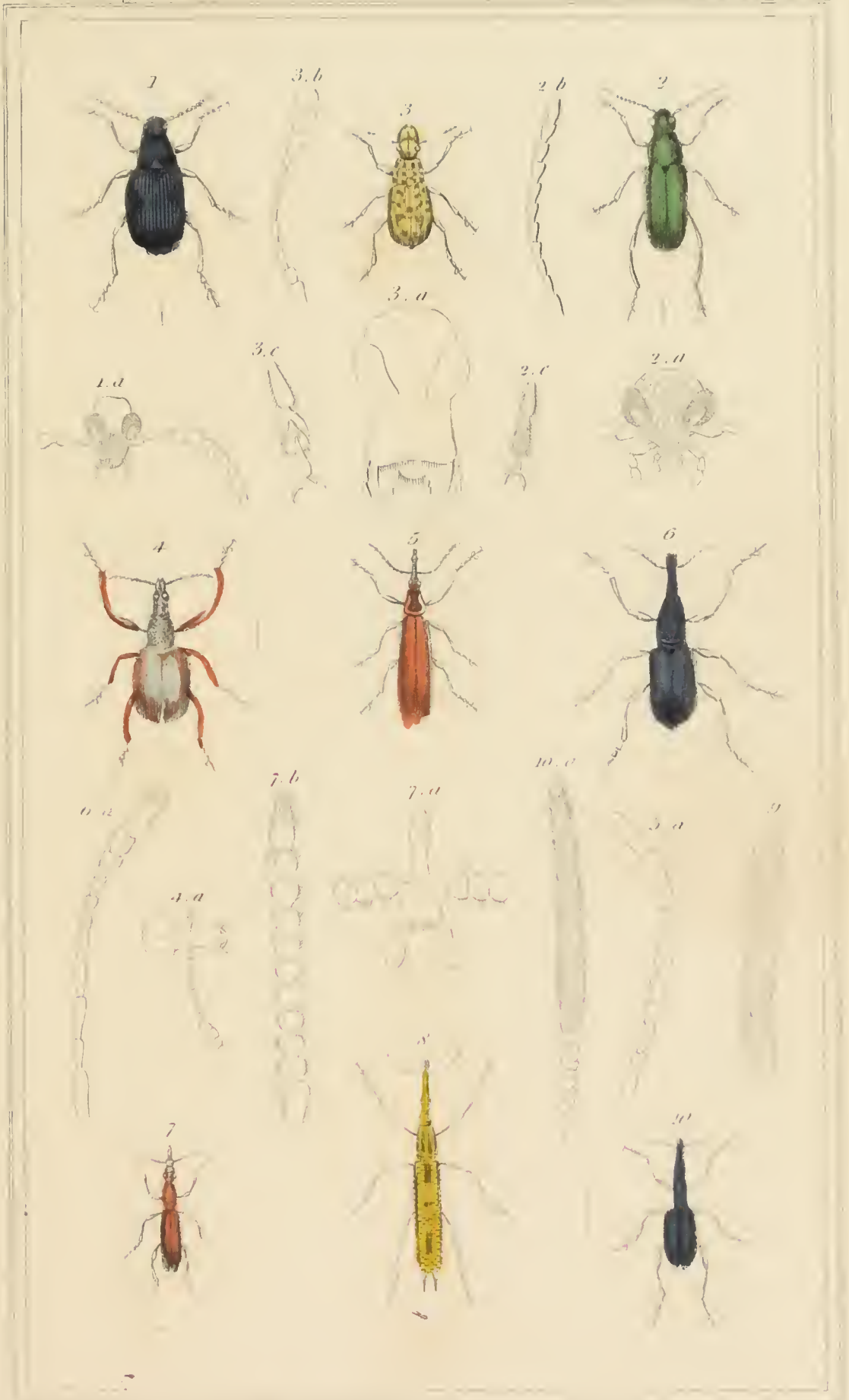
1. *Dicerca discolor*. Fab. 2. *Melandrya rufipes*. Chev. 3. *Scrotopalpus striatus*. Latr. 4. *Conopalpus flavicollis*. Gyt. 5. *Calopus serraticornis*. F. 6. *Dytiscus lavis* Fisch. 7. *Edemera podagraria*. Fab. 8. *Stenostoma rostratum*. Charp. 9. *Mycterus pulverulentus* Chev. 10. Head of the *Rhinomacrus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



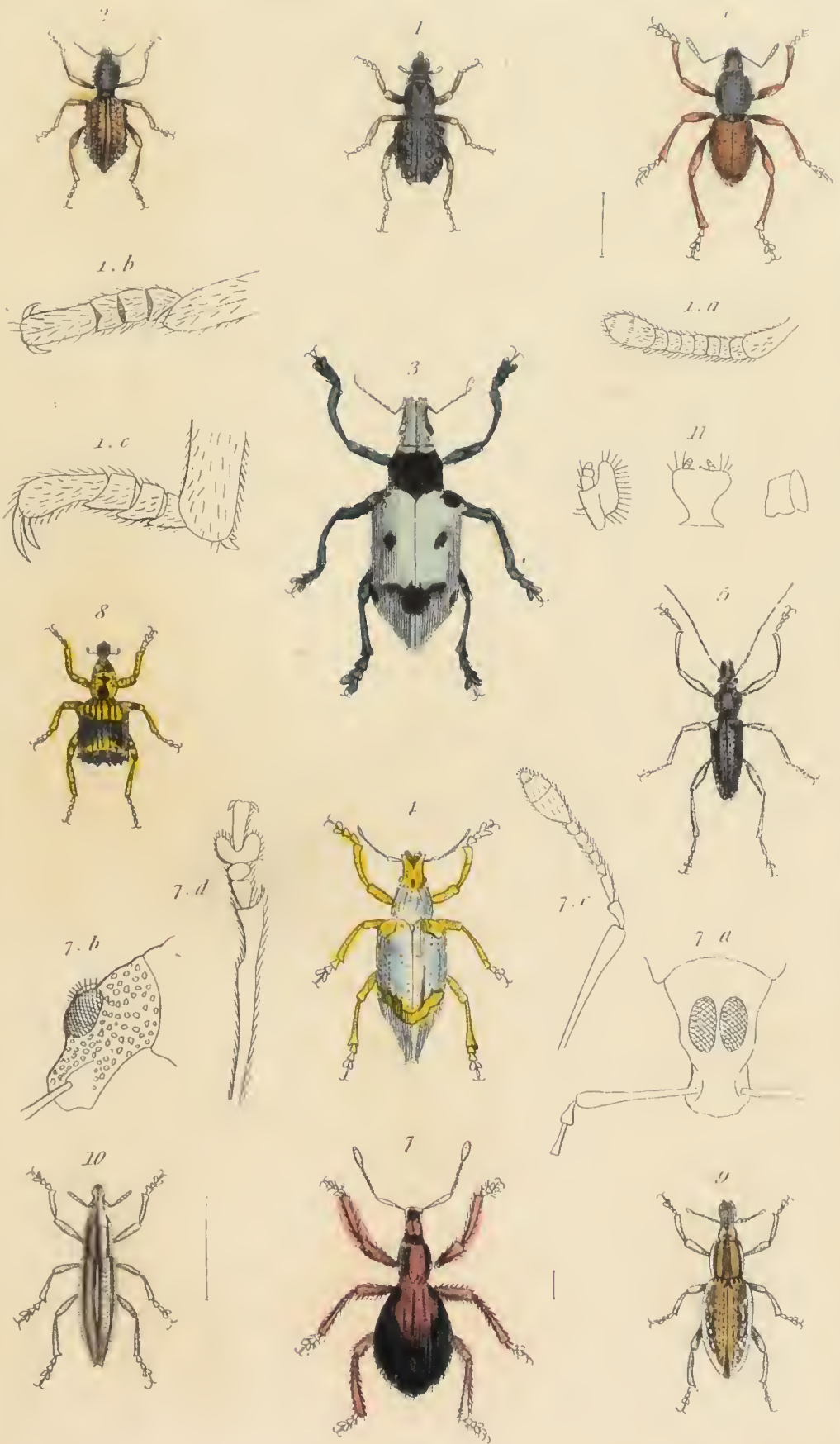
1. *Lagria gigas*, Guér. 2. *Staph. caraboides*, Guér. 3. *Pyrochroa coccinea* Fieb. 4. *Rhipiphorus rufipennis*, Chev. 5. *Myodites americanus*, Guér. 6. *Pelecotoma Fernaldskii* Sturm. 7. *Mordella picta*, Chev. 8. *Seraptia dubia*, Oliv. 9. *Notoxus fasciatus*, Chev. 10. *Cissites testaceus*, Latr.



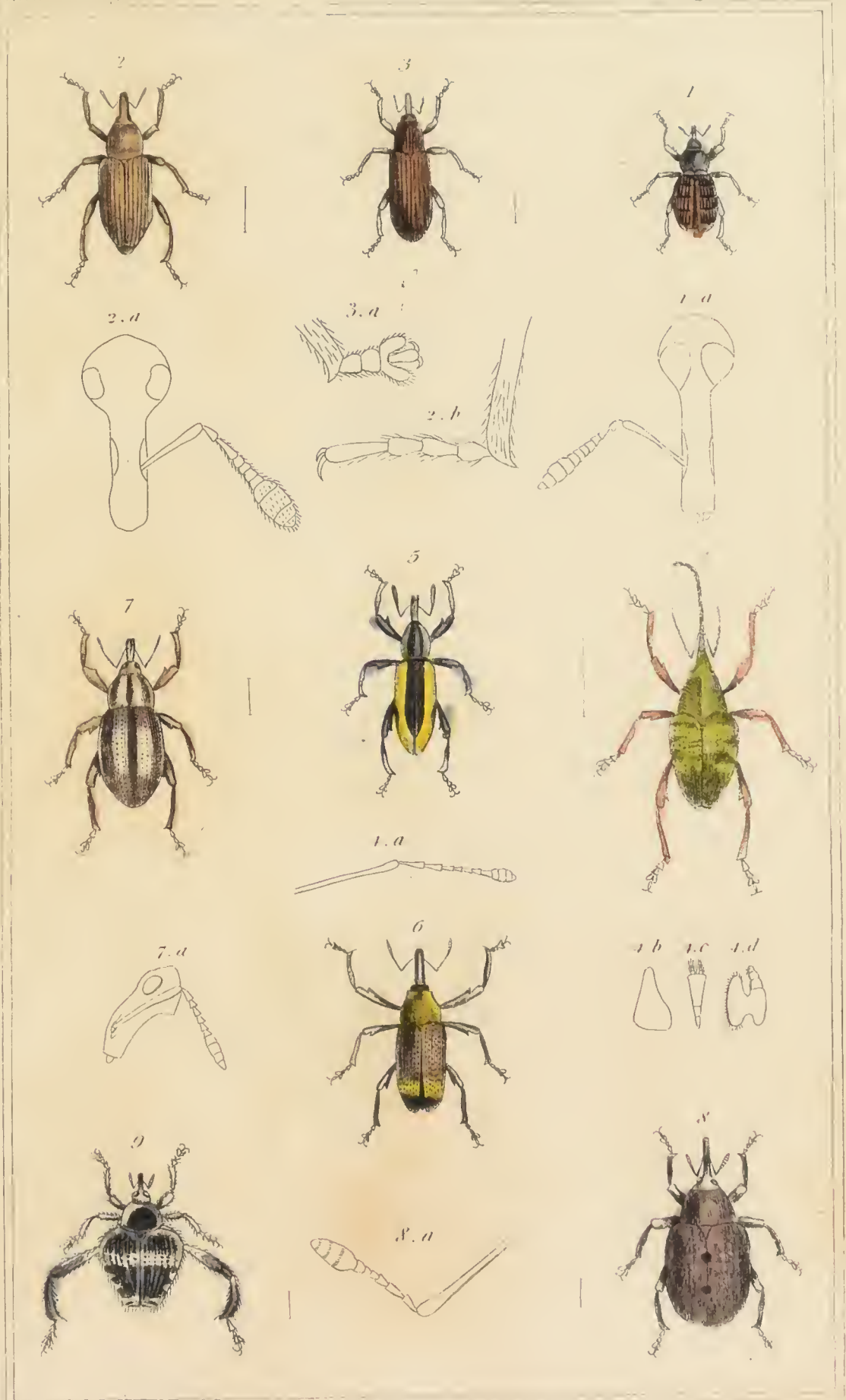
1. Antenna of the *Cerocoma Schaefferi* Lin. 2. *Hycleus nigripennis* Chev. 3. Antenna of the *Antrenina 12 punctata* Chev. 4. *Mylabris nigriceps* Chev. 5. Antenna of the *Cinis niger* F. 6. *Meloe cordillera* Chev. 7. Anatomical details of the *Meloe fasciatus* F. 8. *Tetraonyx cinctus* Chev. 9. *Cantharis subcilivans* Chev. 10. Anatomical details of the *Cantharis vesicatoria*. 11. *Evoctis puncticollis* Chev. 12. Anatomical details of the *Semognathus chrysocephalus* F. 13. *Leptopalpus chevrolati* Chev. 14. *Canthium flavicollis* Chev. 15. *Sitaris leucostictus* F.



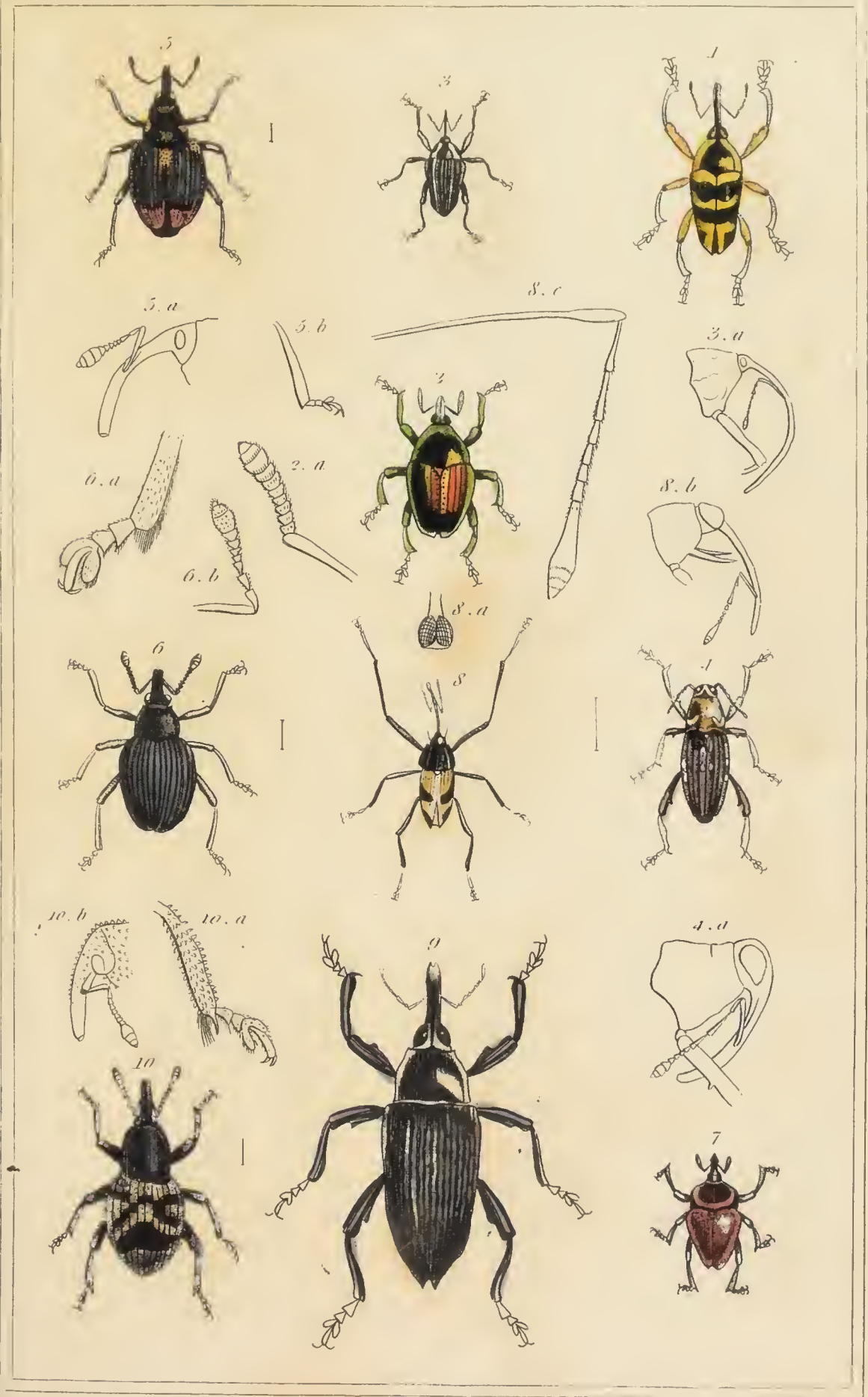
1 *Bruchius marginellus*, Fabr. 2 *Rhachis ahlerti*, Fisch. 3 *Anthonus Garnoti*, Guér. 4 *Atelabus fulvipes*, Guér. 5 *Rhinotr. hirsutipes*, Kirby. 6 *Eurhinus caucasicus*, Guér. 7 *Brentus italicus* Lat. 8 *Coccophelus fasciatus*, Sch. 9 *Antonia*. 10 *Cylas longicollis*, Chev.



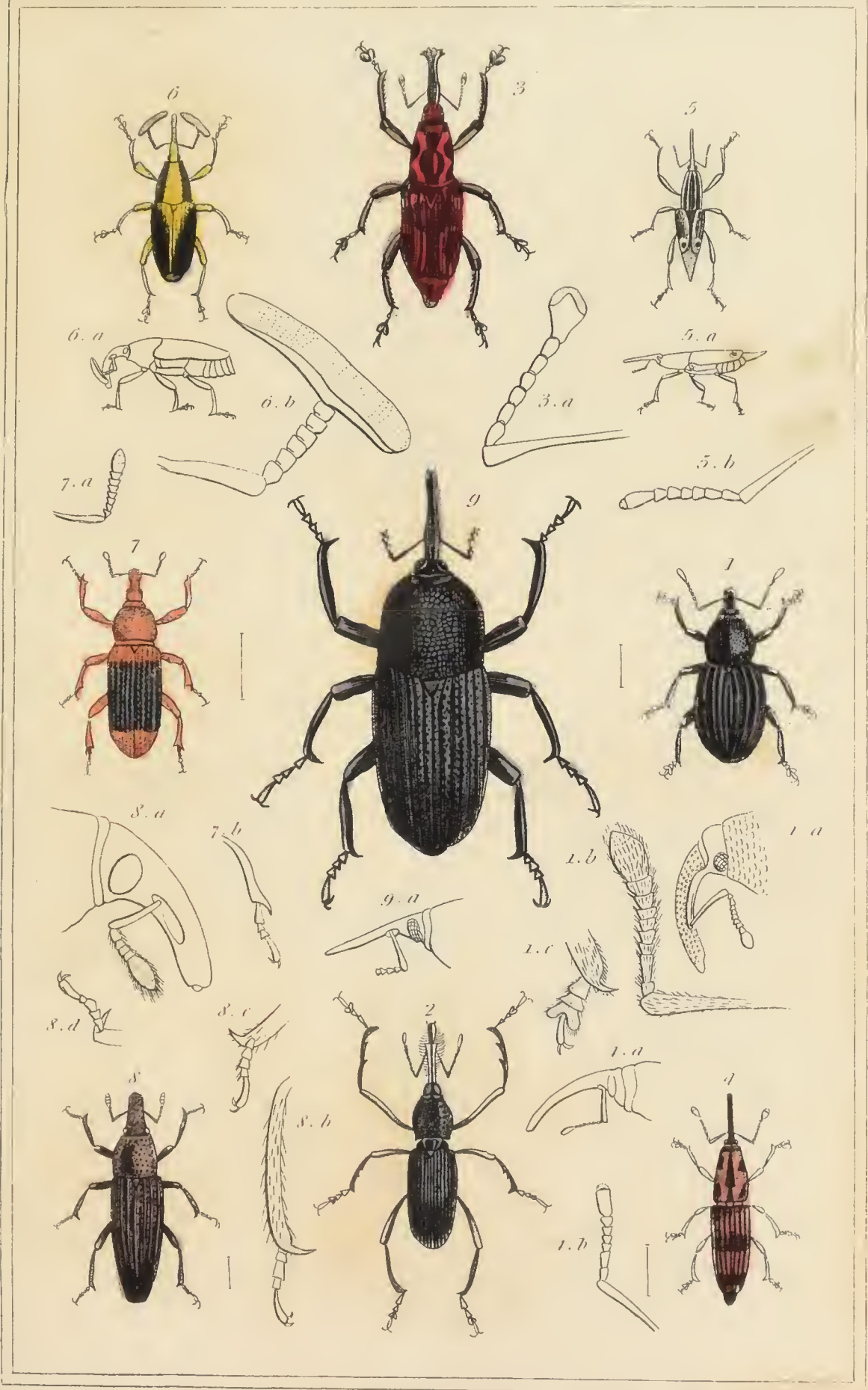
1. *Brachycerus vulgatus* Chev. 2. *Cycloninus coronatus* Sch. 3. *Cyphus illustris* Chev. 4. *Cyphus dives* ? Illig. 5. *Leptocerus machulatus* Chev. 6. *Pachylynchus profanus* Esch. 7. *Syzygops cyclops* Sch. 8. *Rhytirhinus infernalis* Chev. 9. *Cleonus guttatus* Chev. 10. *Lixus vittiger* Gwdt. 11. Mouth of the *Chlorophanus viridis* Sch.



1. *Limosacens chevrolati* Guér. 2. *Bagous bimodesis* Gyll. 3. *Brachonyx indigena* Gyll. 4. *Balaninus micum* Lin. 5. *Helipus populi* Seb. 6. *Alcides piceus* Guér. 7. *Myrdinus albolineatus*. 8. *Gionis pulverosus* Parv. 9. *Tachygonus horridus* Chev.

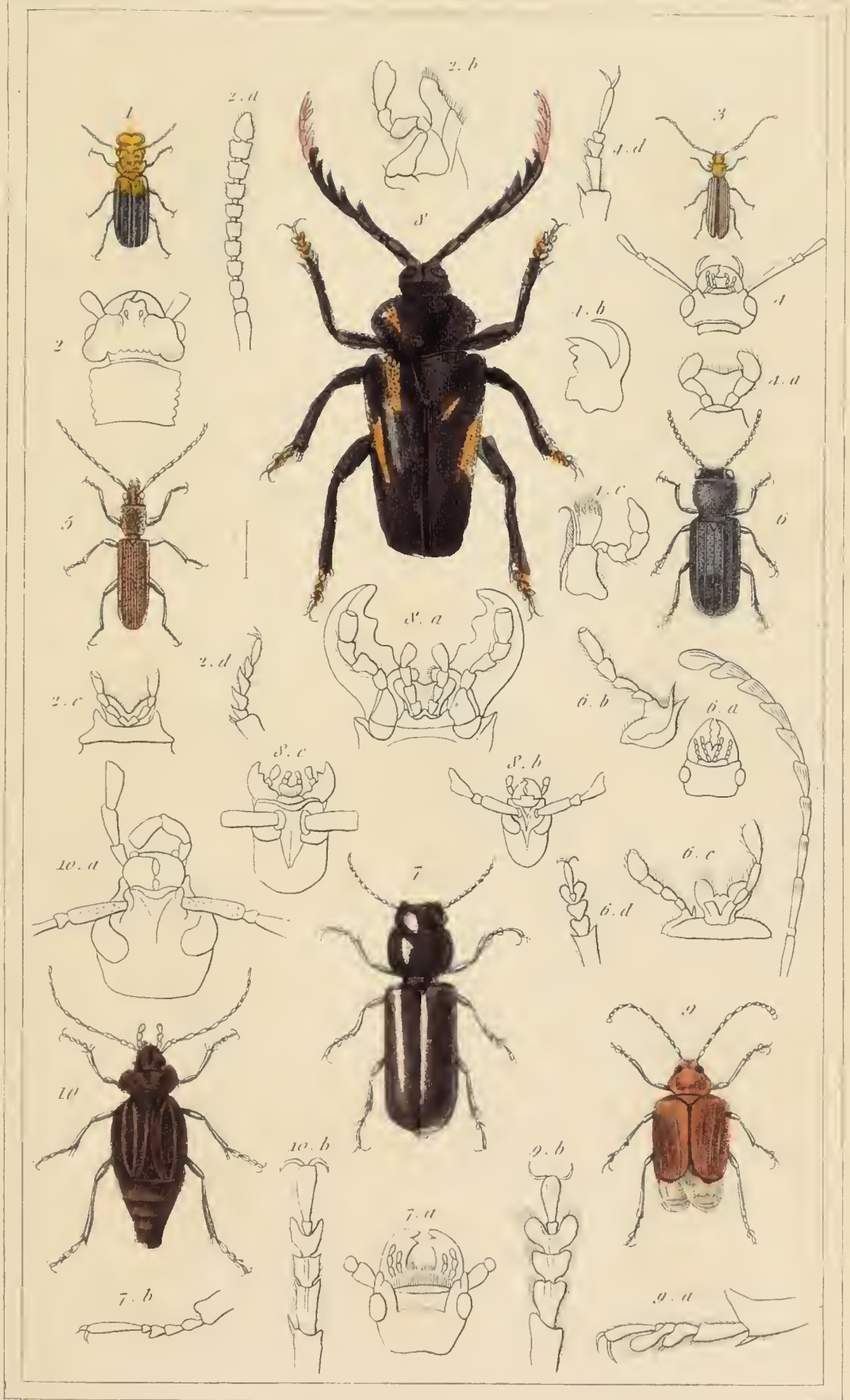


1. *Cholus flavo-fasciatus*, Chev. 2. *Camptorhynchus flammarius*, Germ. 3. *Centrinus curvirostris*, Chev. 4. *Zygobis rubricollis*, Chev. 5. *Centorhynchus sit*, Chev. 6. *Hydaticus comarii*, Sch. 7. *Diorhynchus altus*, Germ. 8. *Mecopus trilineatus*, Cur. 9. *Gorgus bispinosus*, Chev. 10. *Tylodes pinioides*, Gyl.

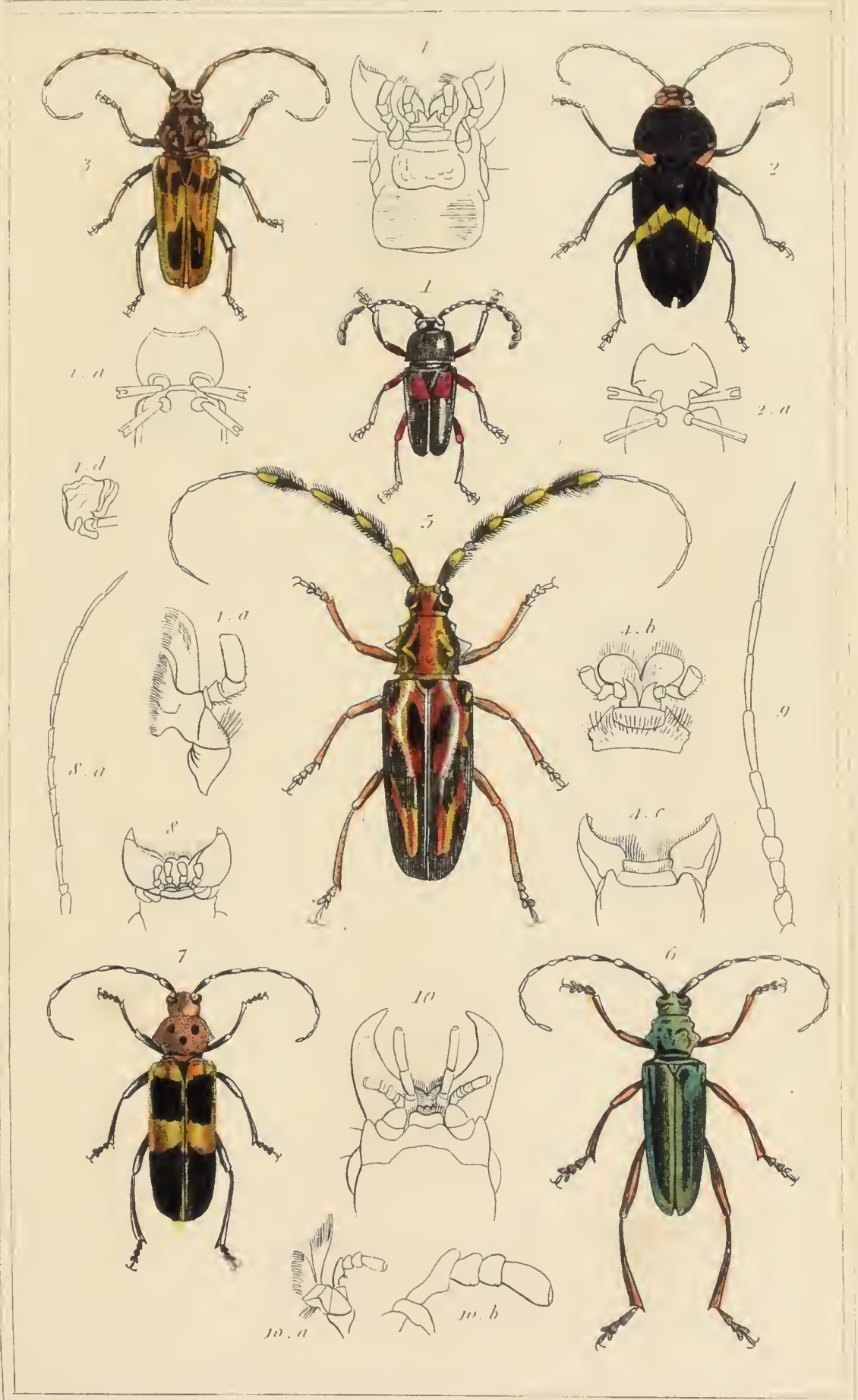


1. *Anchenus suillus*, Fab. 2. *Rhina barbirostris*, Fab. 3. *Calandra Guerinii*, Chev. 4. *Calandra taitense*, Guér. 5. *Belorhynchus acutus*, Guér. 6. *Cercidocerus nigrolateralis*, Guér. 7. *Cossonus ephippiger*, Guér. 8. *Dryophthorus lymecilon*, Fabr. 9. *Trigonotarsus calandroides*, Guér.



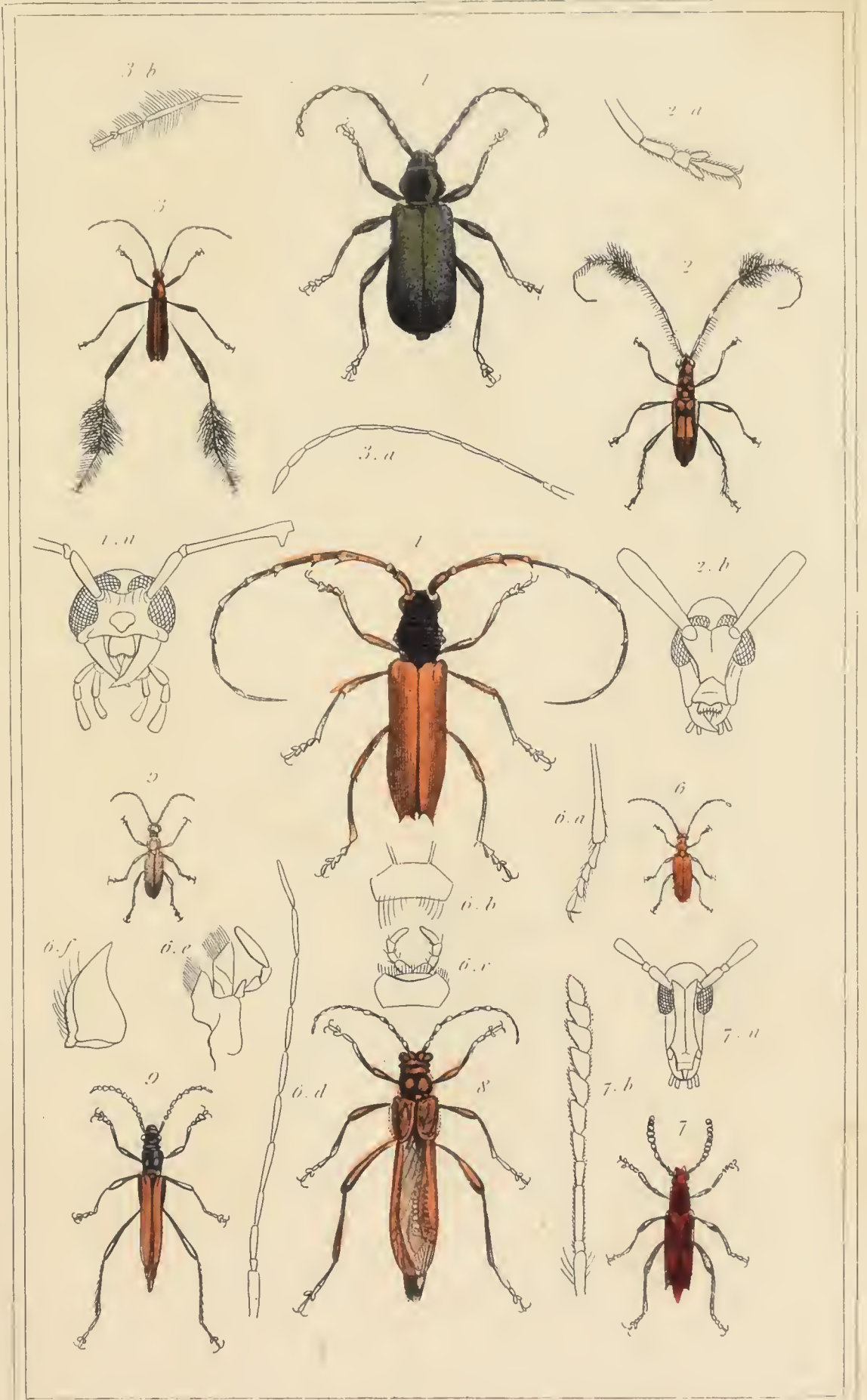


1. *Cucujus mandibularis*, Gory. 2. Anatomical details of the *Cucujus depressus*, Fab. 3. *Brontes spinipectus*, Gory. 4. Anatomical details of the *Brontes flavipes*, Fab. 5. *Dendrophagus crenatus*, Payk. 6. *Spondylis hyprestoides*, Fab. 7. *Parandra lineola*, Gory. 8. *Prionus Dromastis*, Guér. 9. *Anacolus variegatus*, Gory. 10. *Prionapterus staphilinus*, Guér.



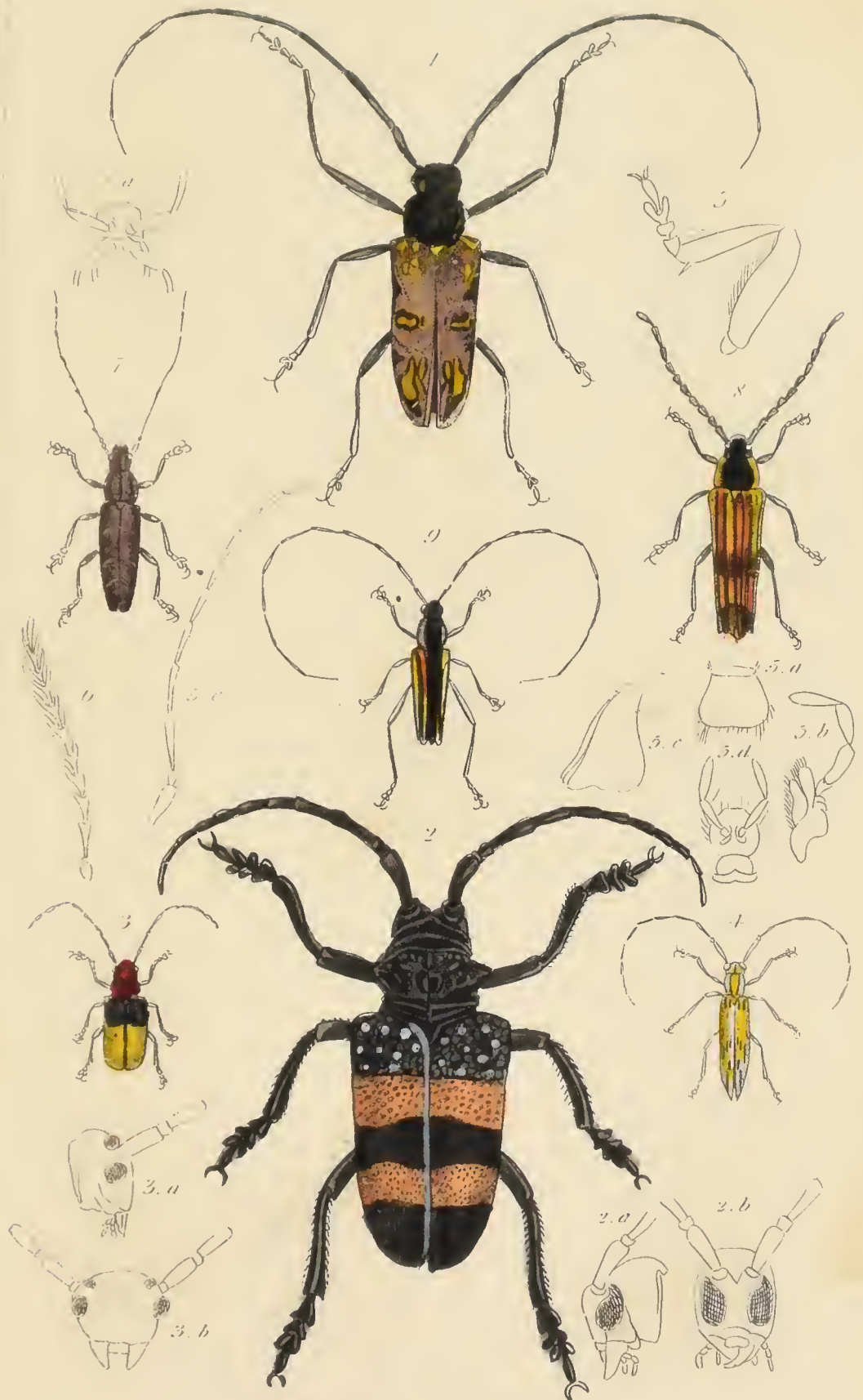
1. *Lissonotus unifasciatus*. Gory. 2. *Megaderus stiquia*. Fab. 3. *Tachyderes nigrofasciatus*. Gory. 4. Anatomical details of the *Tachyderes succinctus*. Fab. 5. *Lophanocerus barbicornis*. Oliv. 6. *Calliheimia speciosa*. Gory. 7. *Acanthopterus tripunctatus*. Gory. 8. Anatomical details of the *Acanthopterus hulensis*. Goeze. 9. Antenna of the *Cerambyx heros*. Fab. 10. Anatomical details of the *Cerambyx (Calliheimia) hemipterus*. Oliv.

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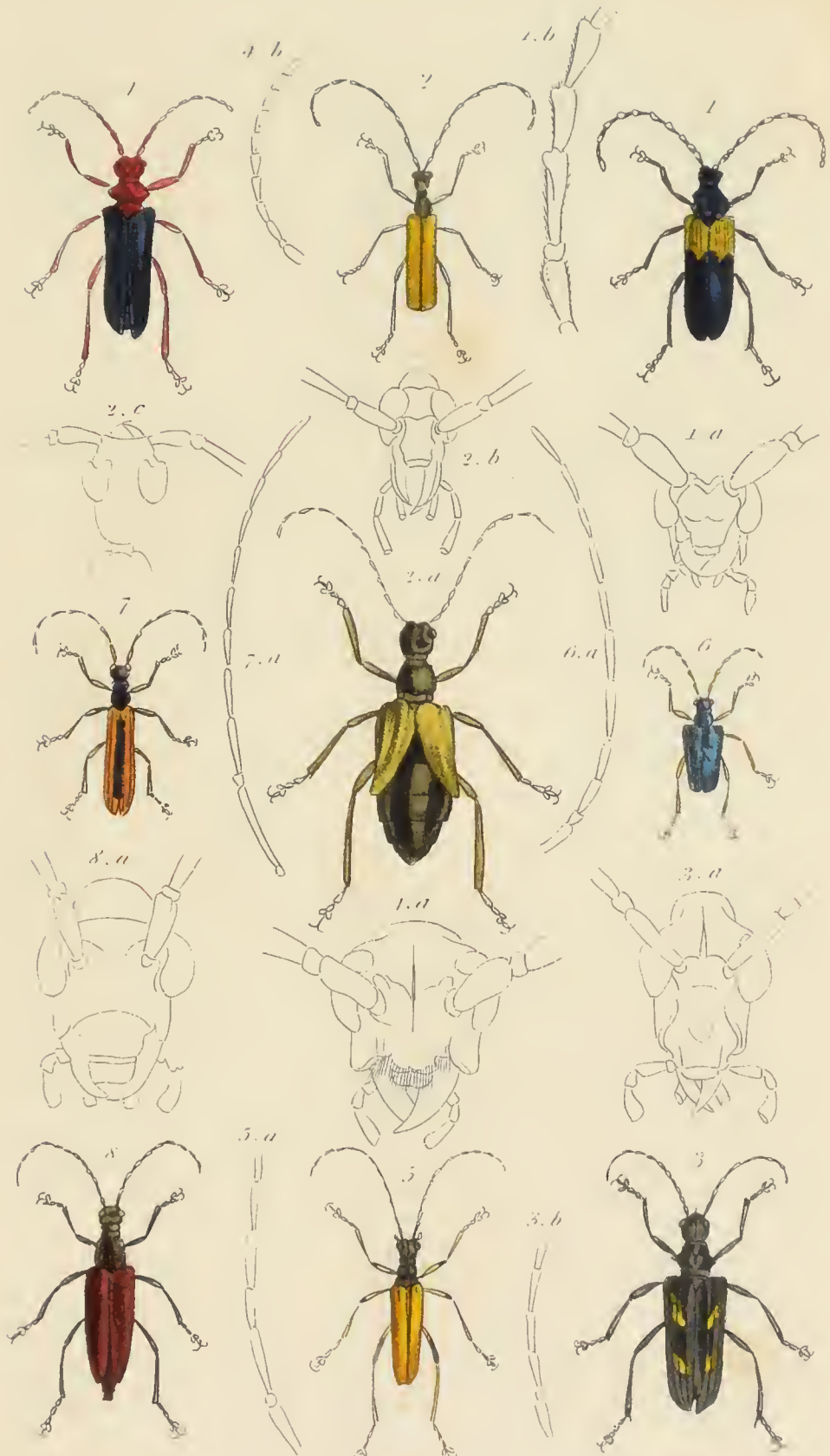


1. *Cerambyx rufipennis* Gory. 2. *Cerambyx specularis* Gory. 3. *Cerambyx hirtipes* Oliv. 4. *Calldinus insubricum* Högler. 5. *Cortallum ruficollis* Fab. 6. *Obrinus ferrugineum* Fab. 7. *Rhynotegus coccineus* Gory. 8. *Necydalis major* Lin. 9. *Stenapterus elegans* Klug.

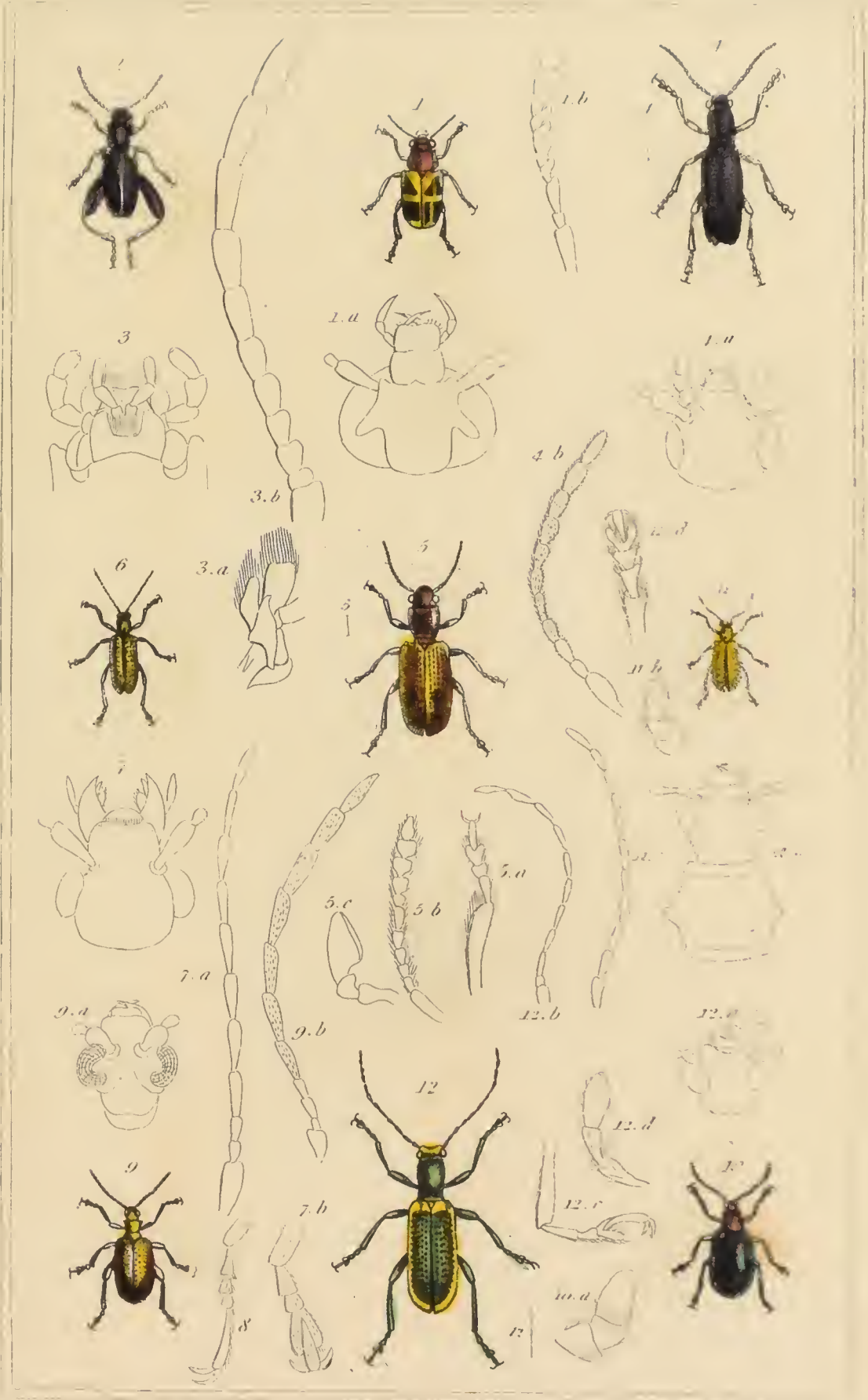




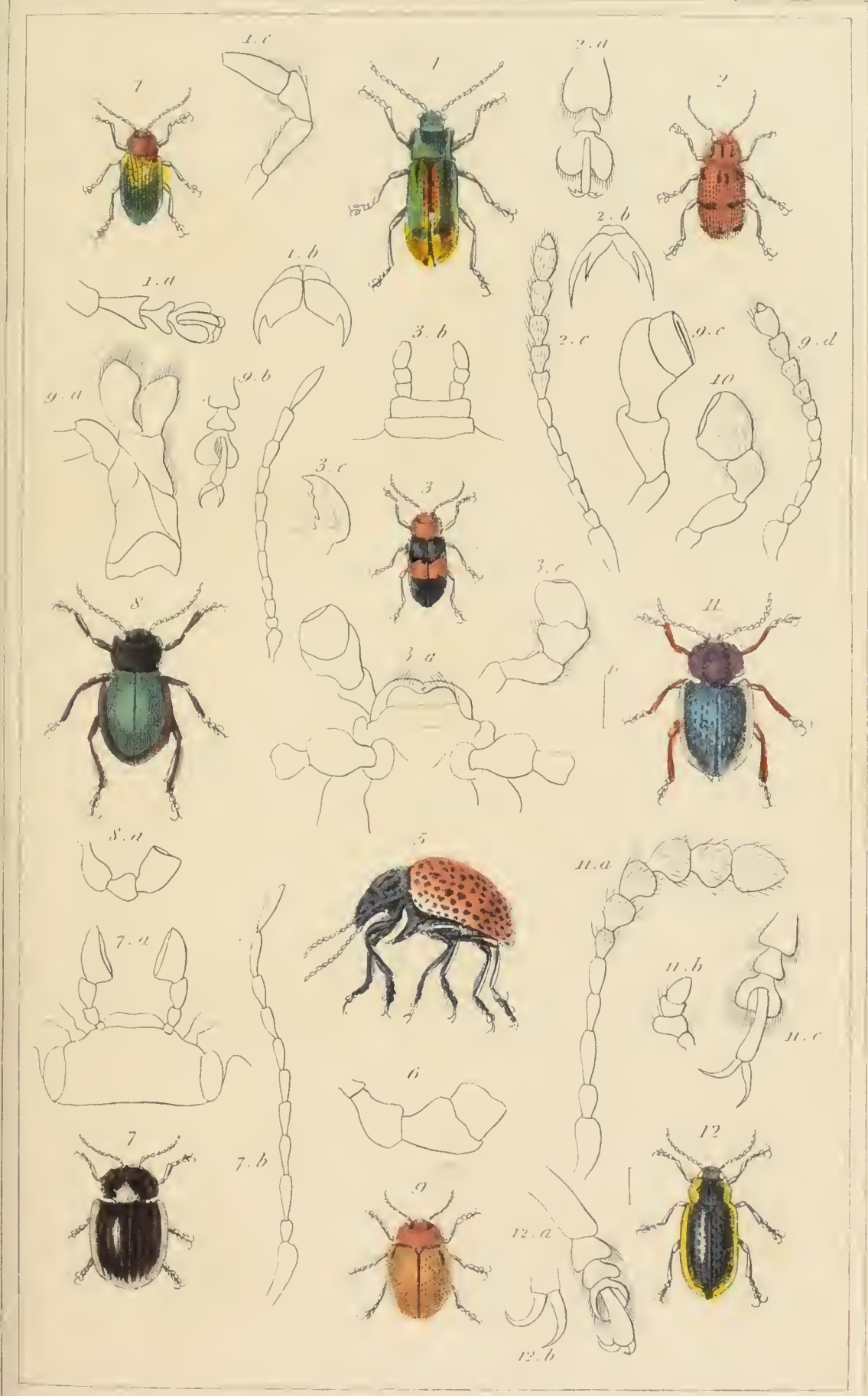
1 *Acerosinus trichlearis* Gory. 2 *Lamia aurivincta* Gory. 3 *Tetraopes dividiata* Gory. 4 *Saperda albicauda* Gory. 5 Anatomical details of the *Saperda atkinsoni* tarsus. 6 Antennae of the *Distichocera maculicollis* Kirby. 7 *Tmesisternus bimaculatus* Gory. 8 *Tragocerus bidentatus* Hoyer. 9 *Leptocera bilineata* Gory.



1. *Desmocerus cyanus* Fab. 2. *Aesperus griseus* Guér. 3. *Rhagium infuscatum* Fab. 4. *Rhamnusium salicis* Fab. 5. *Toxotus meridionalis* Fab. 6. *Pachyta laepta* Guér. 7. *Stenoderus cerambyoides* Kirby. 8. *Leptura annulata* Gory.

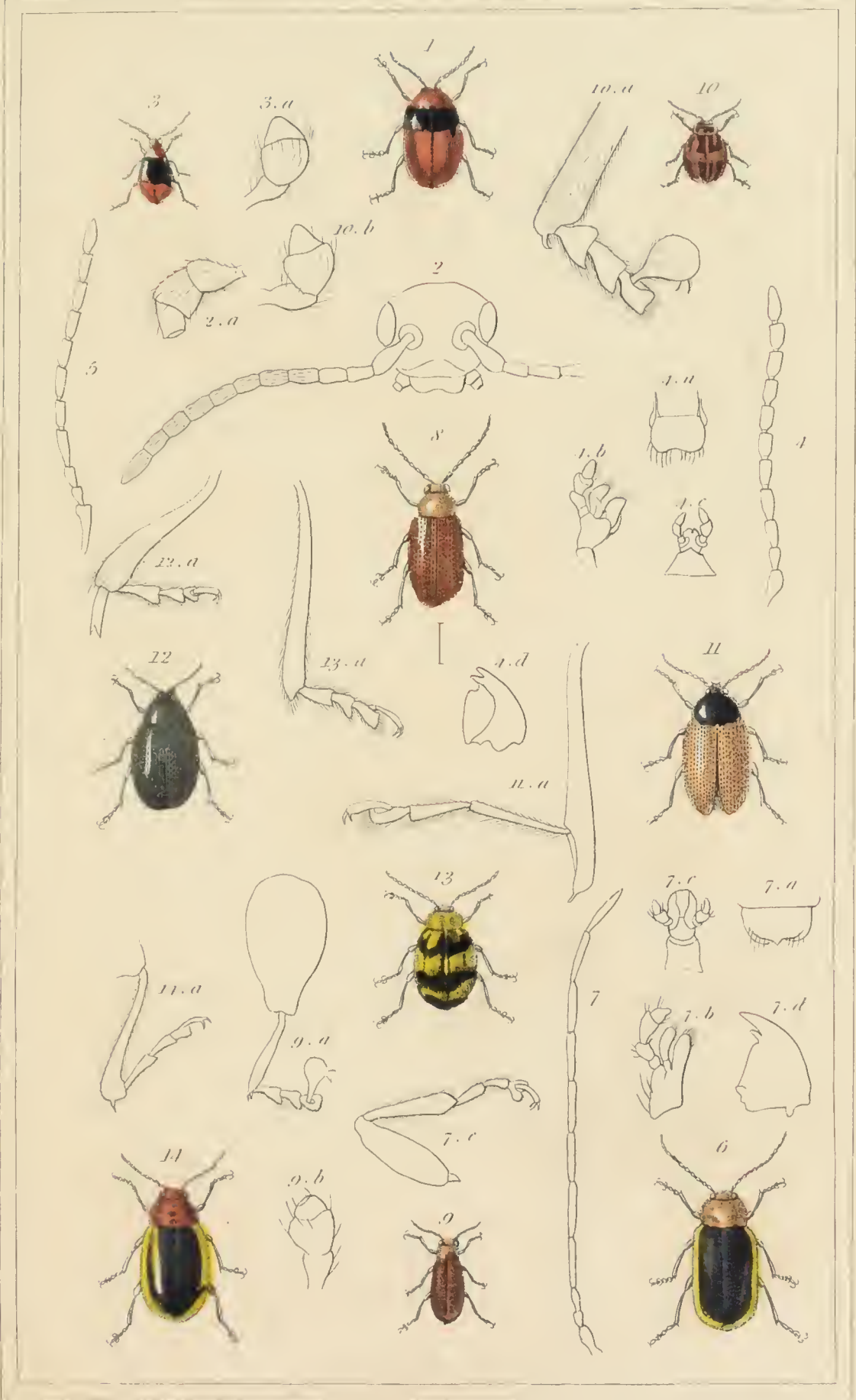


1. *Megalopus unifasciatus*. Gory. 2. *Sagra cyanea*. Daln. 3. Anatomical details of the *Sagra splendida*. 4. *Orsodaena violacea*. Chev. 5. *Psammarchus bipunctatus*. F. Boudier. 6. *Donacia fenestra* Fall. 7. Anatomical details of the *Donacia sagittaria*. Fah. 8. Hinder Tarsus of the *Harmonia zosteris* Fall. 9. *Pentameris crassipes*. Oliv. 10. *Crioceris Dorycus*. Guér. 11. *Anchonia betulae*. Fah. 12. *Megalocelis rufina* Chev.



1 *Colaspis illustris*, Chev. 2. *Podanta affinis*, Germ. 3. *Phyllorhynchus bicincta* Guér. 4. *Phyllorhynchus splendidus* Guér. 5. *Doryphora multipunctata* Chev. 6. *Palpus* of the *Doryphora adunca* Chev. 7. *Pacopsis s. lineata* Guér. 8. *Timarcha balearica* Guér. 9. *Chrysomela humeralis* Guér. 10. *Palpus* of the *Chrysomela sanguinolenta* L. 11. *Phaedon cyanopterus* Guér. 12. *Prasocuris hannoveriana*, Fabr.





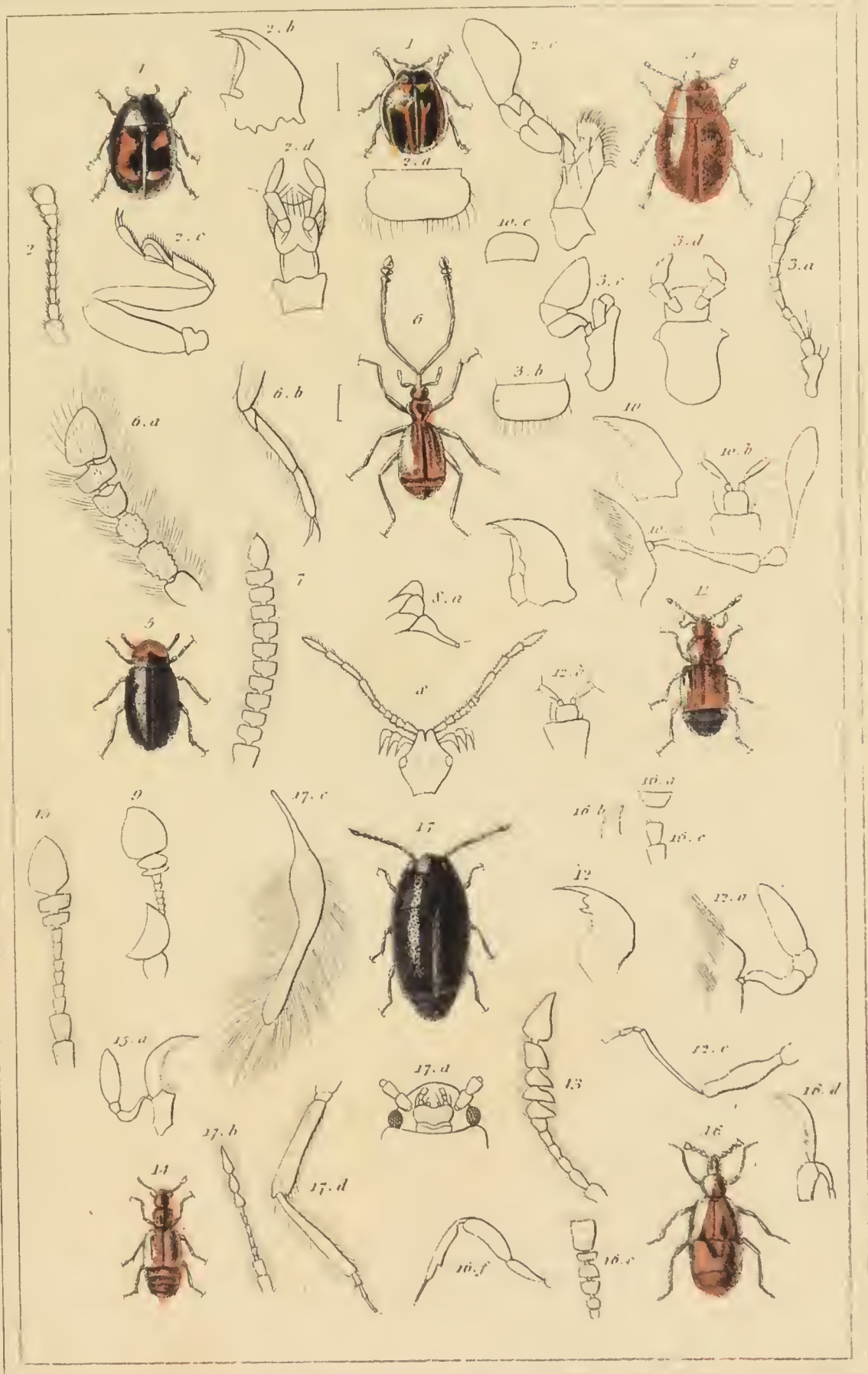
1. *Adorinus basalis* Guér. 2. Anatomical details of the *Adorinus bipunctatum*, Chev. 3. *Galeruca dimidiata*, Guér. 4. Anatomical details of the *Galeruca sibyrni*, Payk. 5. Antennae of the *Galeruca maculata*, L. 6. *Luperus cinetellus* Chev. 7. Anatomical details of the *Luperus brassicae*, Emz. 8. *Octogonotus lineatus*, Chev. 9. *Octogonotus thoracicus* Fosc. 10. *Oribonychis figuratus*, Chev. 11. *Psyllodes Anglica*, Chev. 12. *Dibolia borealis* Chev. 13. *Alfiva Chevrolati*, Guér.





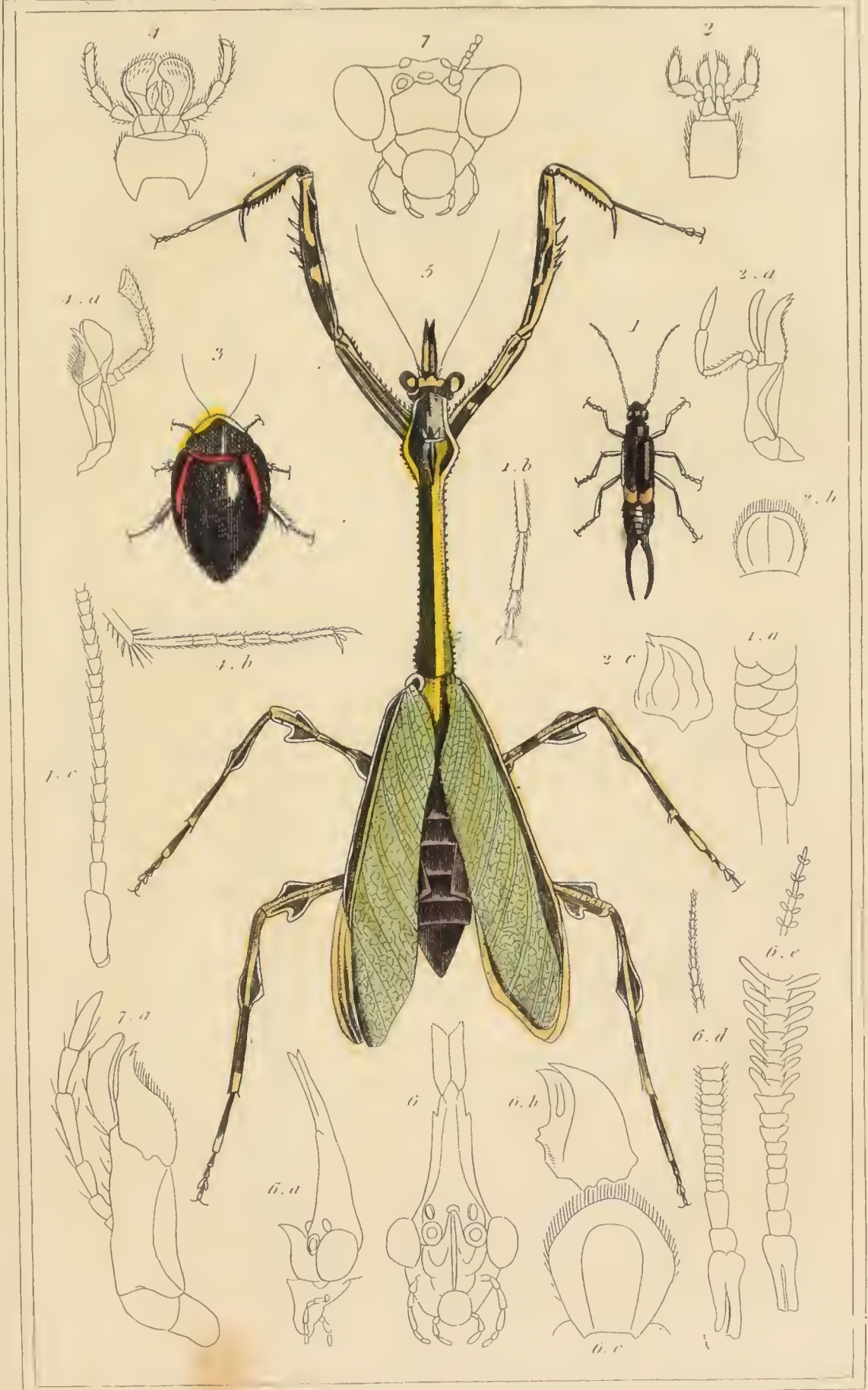
1. *Ercythus bengalensis*. Guér. 2. *Aegythus sinimontensis* Fabr. 3. *Triplax hemmipus*. Chev. 4. Antenna of the *Triplax nigripennis* Fabr. 5. *Languesia africana*. Chev. 6. *Phalarisus granulatus*. Guér. 7. *Enmorplus humatus*. Guér. 8. *Dapsa truncatata*. Megerle. 9. *Faulonychia tibialis*. Chev. 10. Anatomical details of the *Aycoperidium bivittata* Fabr. 11. *Aycoperidium lata*. Chev. 12. *Lithophilus ruficollis*. Dahl.





1. *Coccinella fuscifera*, Linn. 2. Anatomical details of the *Coccinella octodecimpunctata* Linn. 3. *Acidula litorea*, Fab. 4. *Seymnius aeneolatus*, Illig. 5. *Clypeaster pusillus*, Gyl. 6. *Melolontha curvicauda*, Gory. 7. *Chemnitzia*. 8. *Dionix*. 9. *Pethinus*. 10. *Pselaphus hersei*, Herbst. 11. *Bryaxis leydertii*, Aube. 12. *Bryaxis longicornis*, Leach. 13. *Bryaxis antennata*, Aube. 14. *Euplectus kirbyi*, Denny. 15. Anatomical details of the *Euplectus natus*, Reich. 16. *Claviger foveolatus*, Mull. 17. *Ptilium praeclarum*, Herbst.

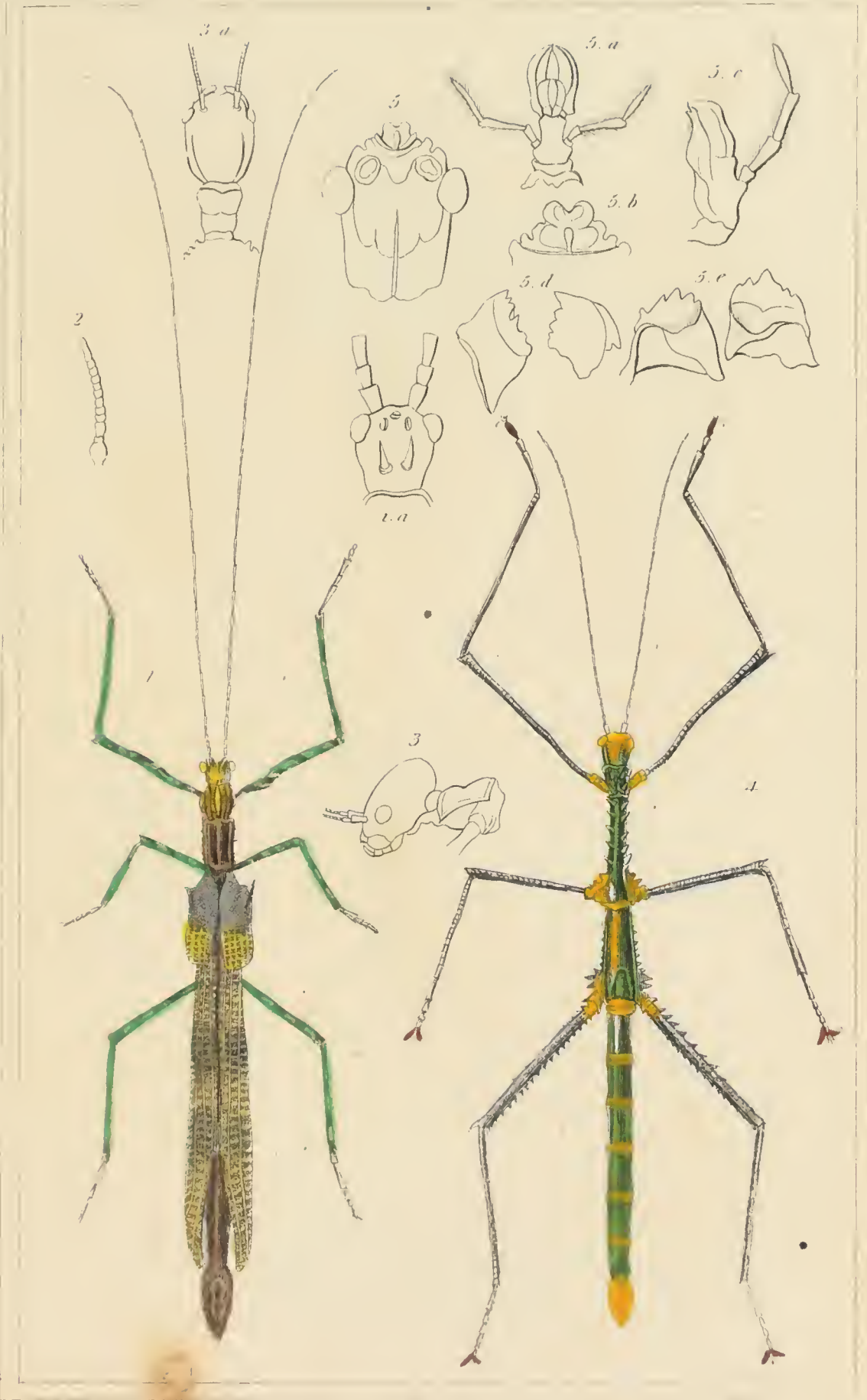




1 Forficula (Spongiphora Serv.) cruceipennis. Serv. 2 Anatomical details of the Forficula auricularia. Lin. 3 Blatta (Florasipis Serv.) picta. Fab. 4 Anatomical details of the Blatta (Florasipis) orientalis. Fab. 5 Empusa lobipes. Olivier. 6 Anatomical details of the Empusa pumperata. Fab. 7 Anatomical details of the Mantidula religiosa. Lin.

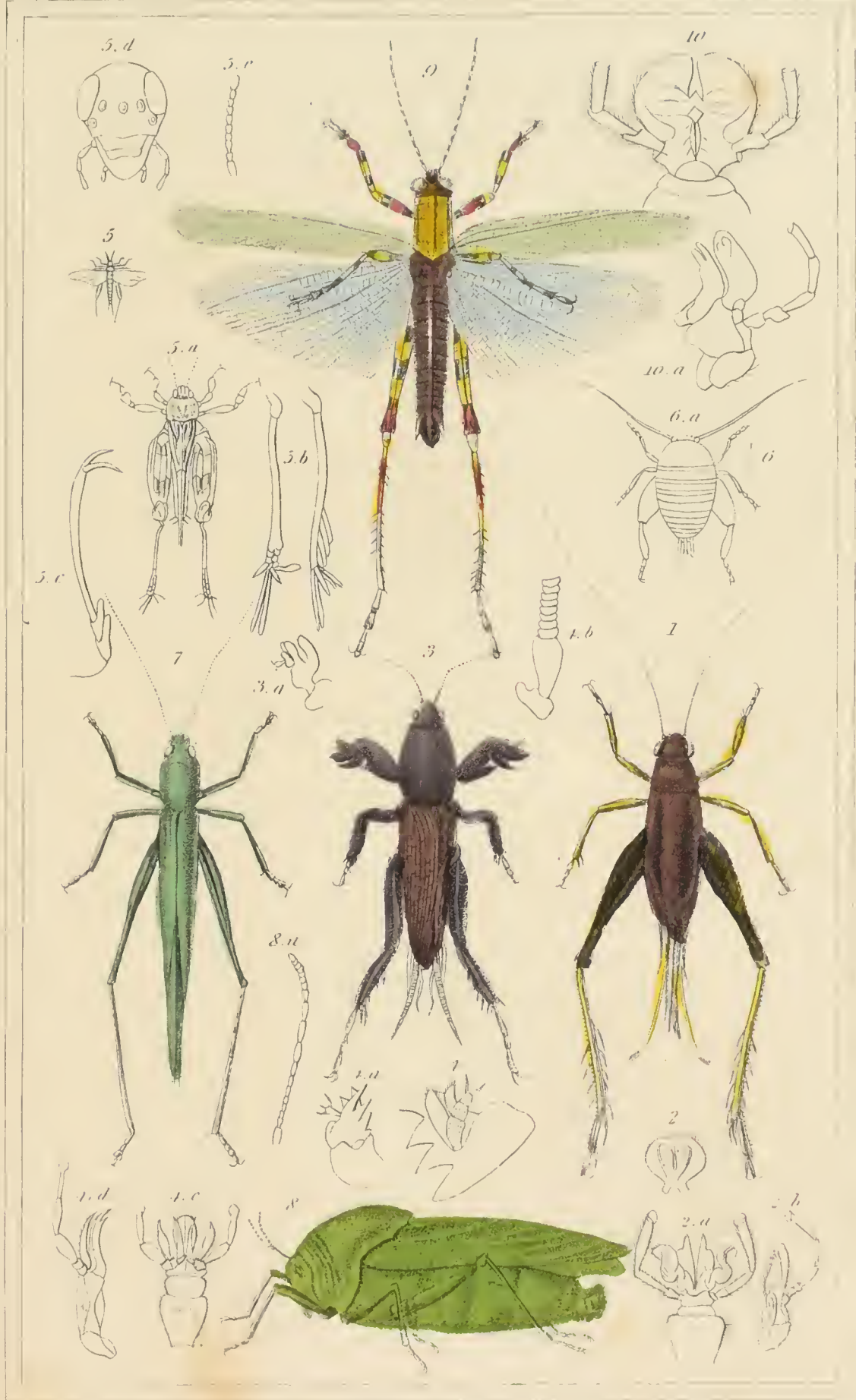
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1. *Phasma annulata* Serv. 2. Antenna of the Bacillus 3. Head of the Cyphocrana 4. *Bacteria scabrosa* Perch. 5. Anatomical details of the *Cladoxenus rosipennis* Germ

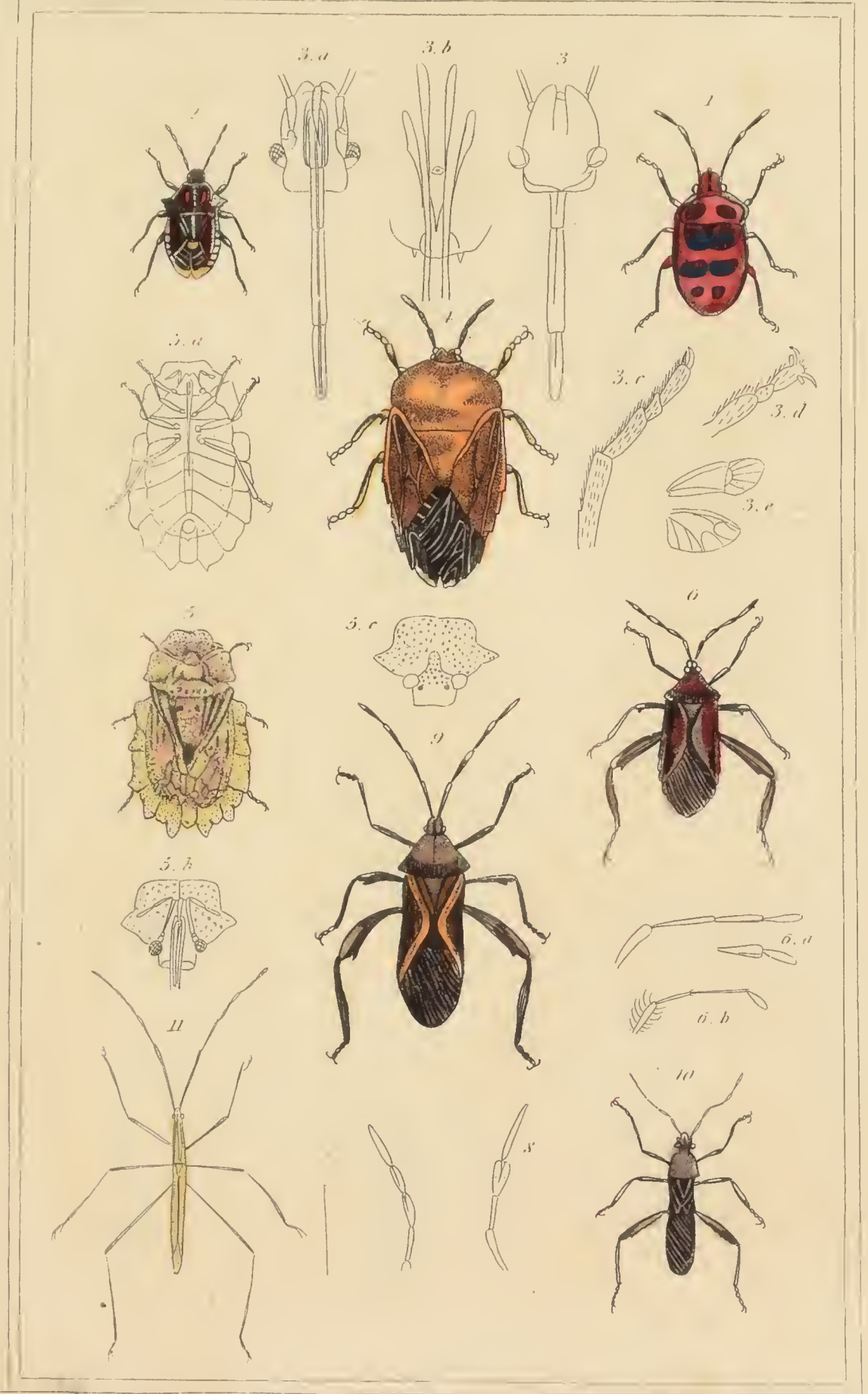




1. *Gryllus Scudderii* Guér. 2. Anatomical details of the *Gryllus campestris*, Fab. 3. *Gryllotalpa hibernica* Latr. 4. Anatomical details of the *Gryllotalpa vulgaris*. 5. *Tridactylus fasciatus*, Vach. 6. *Myrmecophila accerorum*, Emér. 7. *Locusta erythraea*, Encyclopédie. 8. *Pneumora manic*, Fab. 9. *Acrydium tarsatum*, Serv. 10. Anatomical details of the *Acrydium nigroparvum*

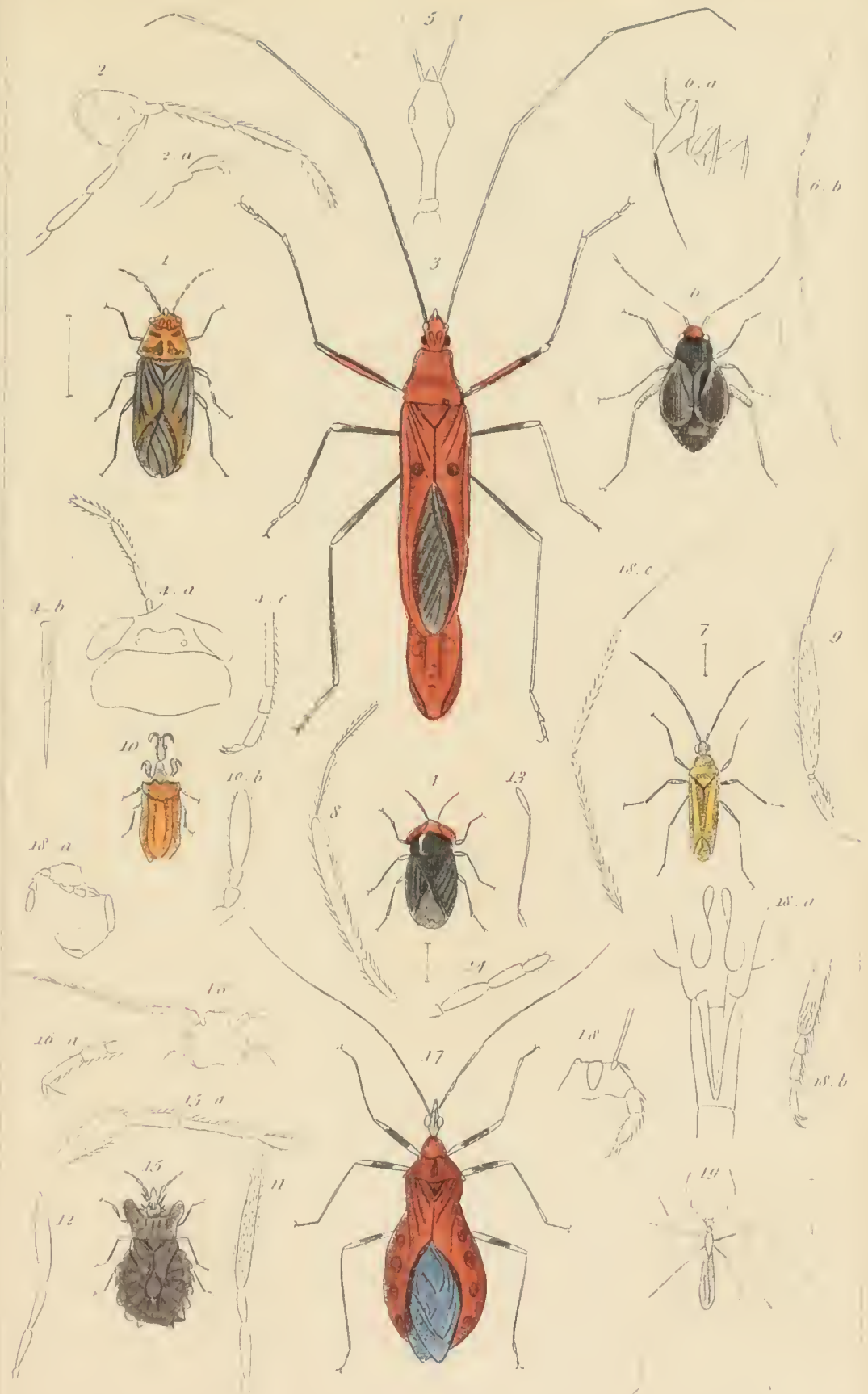
London G. Henderson, 2 Old Bailey



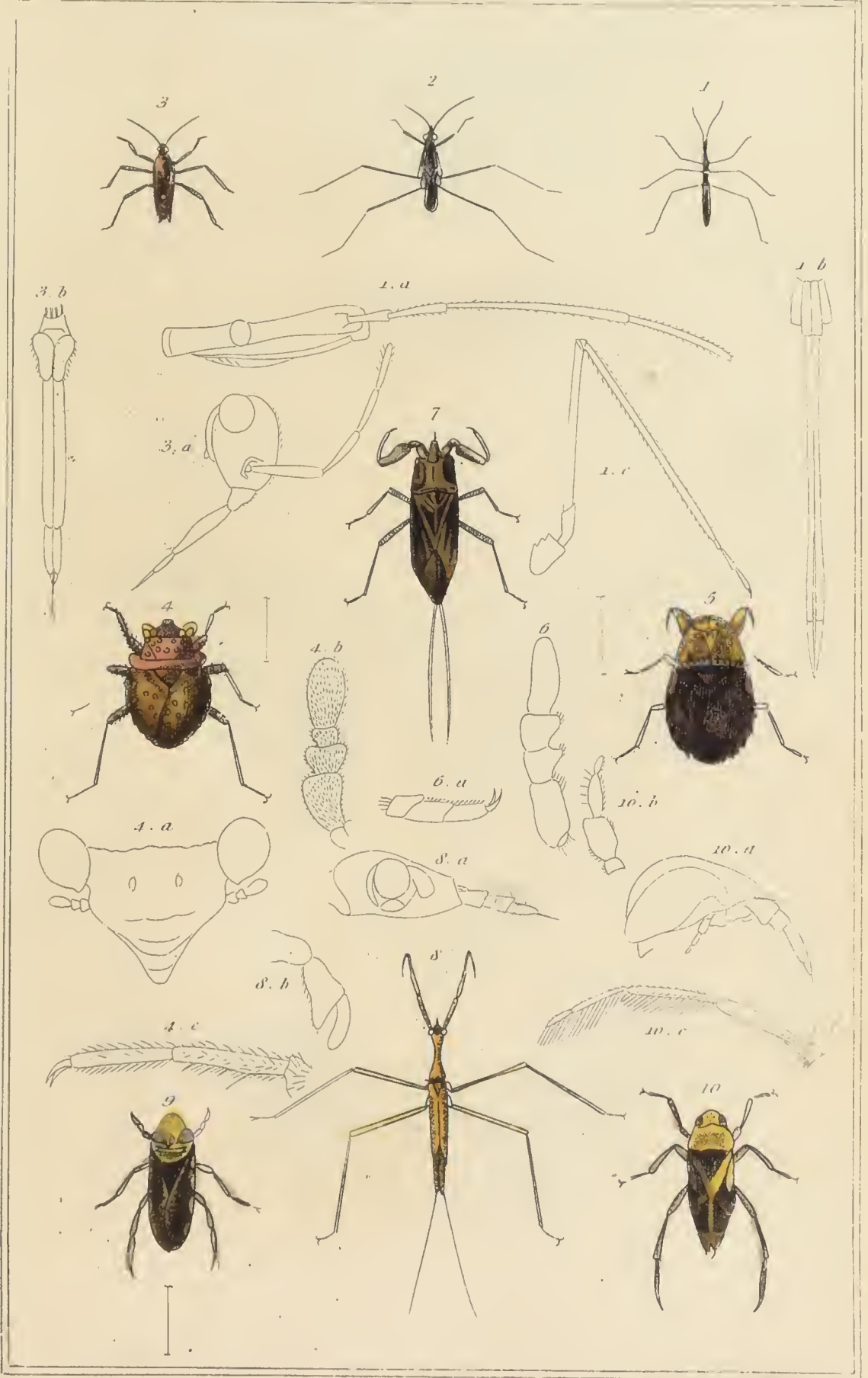


1. *Scutellera ilives*, Guér. 2. *Pentatoma yolofo*, Guér. 3. Anatomical details of the *Pentatoma grisea*, Latr. 4. *Tesseradoma vomerata*, Serv & St Foy. 5. *Phara cusculeoides*, Serv & St Foy. 6. *Coreus rubripennis*, Guér. 6. a. Antenna of the *Gonocerus*. 6. b. Antenna of the *Syrinastes*. 7. Antenna of the *Pachlis*. 8. Antenna of the *Hollymema*. 9. *Anisoscelis profanus*, Fieb. 10. *Alydas nitidicornis*, Latr. 11. *Neides ? jularia*, Latr.



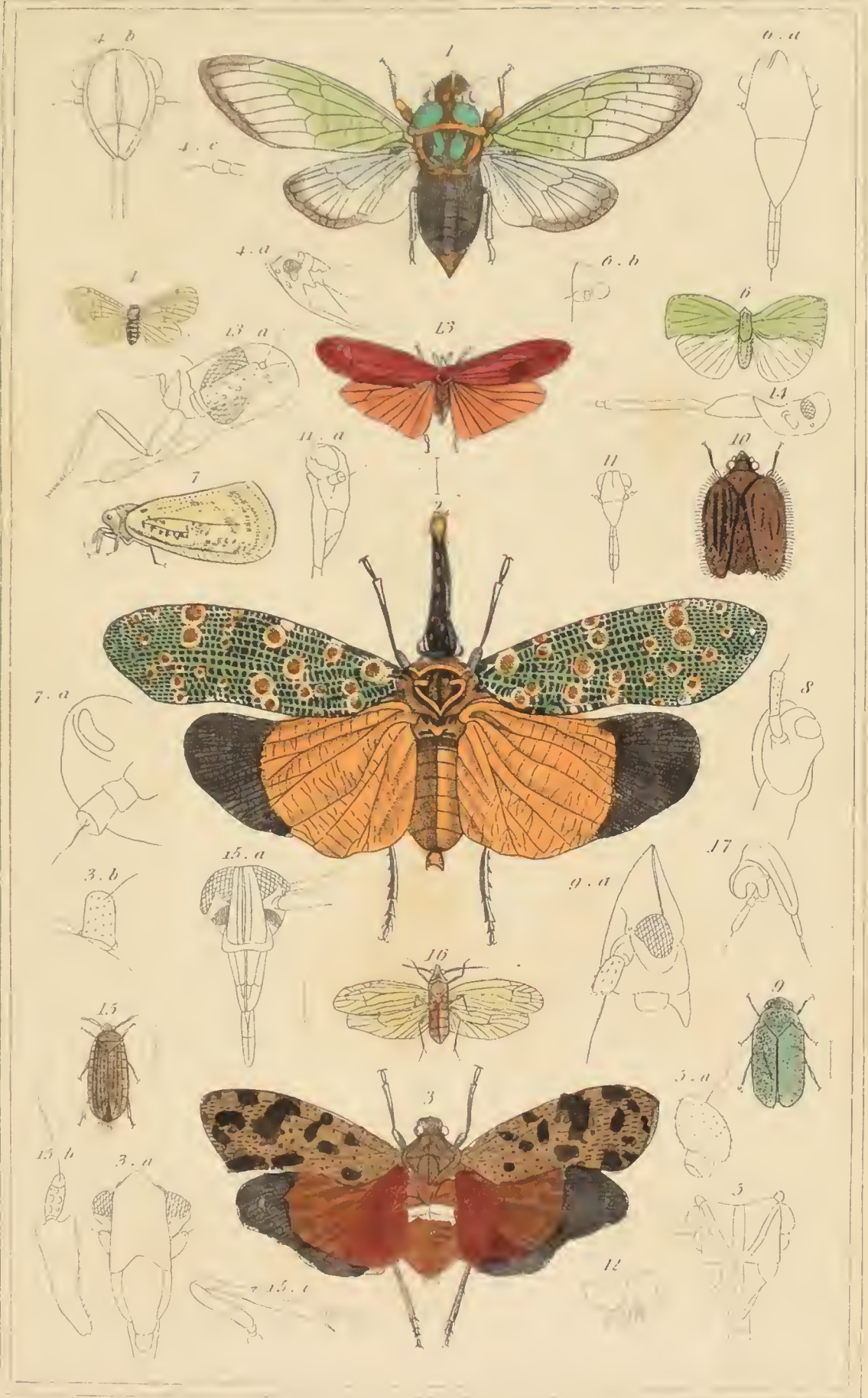


1 *Lygus Pevi. Guér.* 2 Anatomical details of the *Lygus artemis* L. 3 *Macrocheila grandis* Guér. 4 *Salda erythrocephala* Guér. 5 Head of the *Myodochia tipuloides* Lat. 6 *Asteronema nigriventris* Guér. 7 *Myris pulchellus* Guér. 8 Antenna of the *Capsus flavicollis* F. 9 Antenna of the *Alloxys spissicornis* Lat. 10 *Maurocephalus alpinus* Guér. 11 Antenna of the *Ph. crassipes* F. 12 Antenna of the *Ph. crassa* F. 13 Antenna of the *Tung. s. pyri* F. 14 Antenna of the *Aradus corticalis* L. 15 *Aradus leucopis* F. 16 Anatomical details of the *Cixex lectularius* L. 17 *Reduvius univarius* Guér. 18 *Reduvius perlae* Guér. 19 *Ploiarina pallida* Guér.



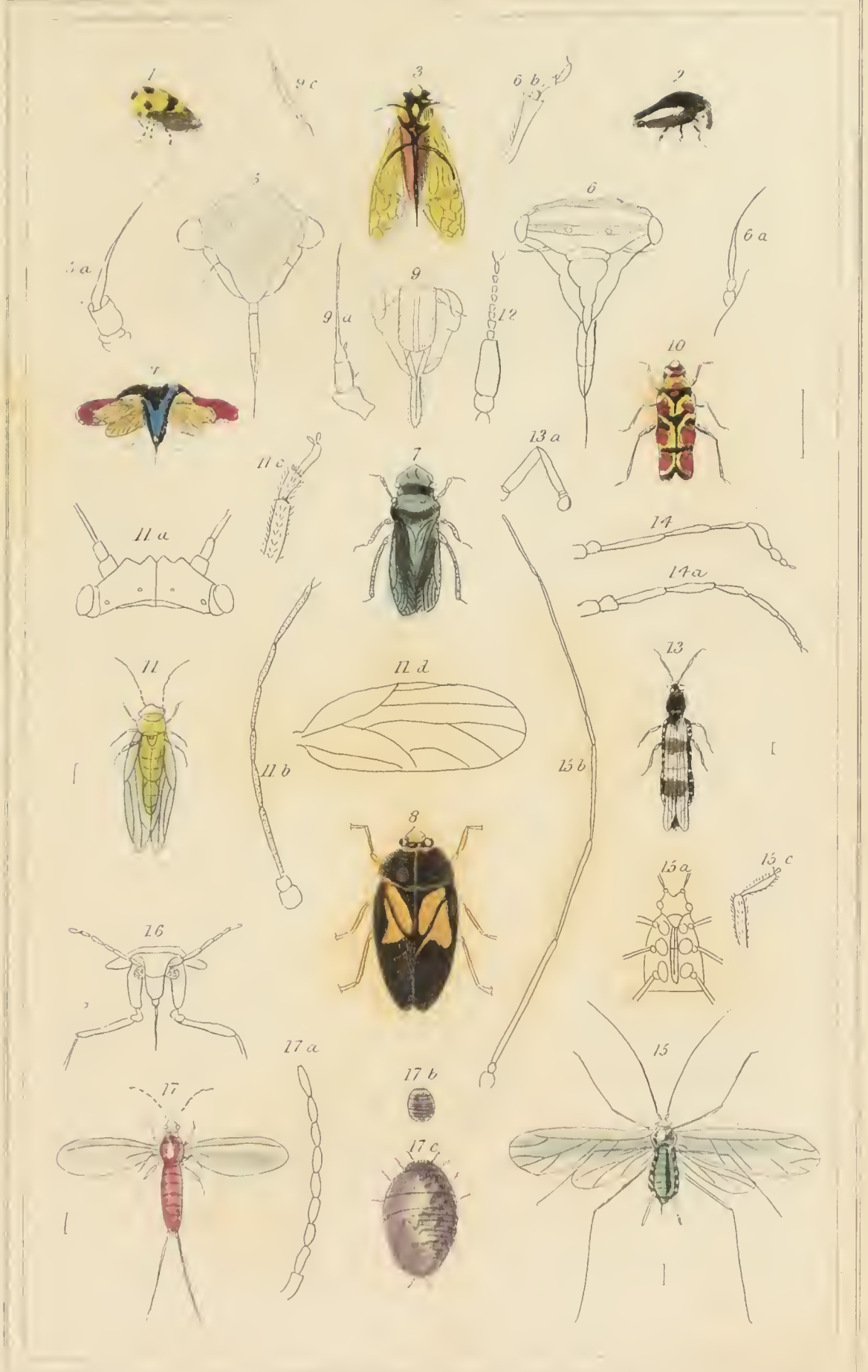
1. *Hydrometra stagnorum*. Lin. 2. *Gerris marginatus*. Guér. 3. *Nelie rivulorum*. Fabr. 4. *Galgulus flavus*. Guér. 5. *Naucoris Poyi*. Guér. 6. Anterior of the *Spheroedemia rotundata*. Lap. 7. *Nepa grisea*. Guér. 8. *Banatra filiformis*. Fabr. 9. *Corixa cuba*. Guér. 10. *Notonecta furens*. Fab



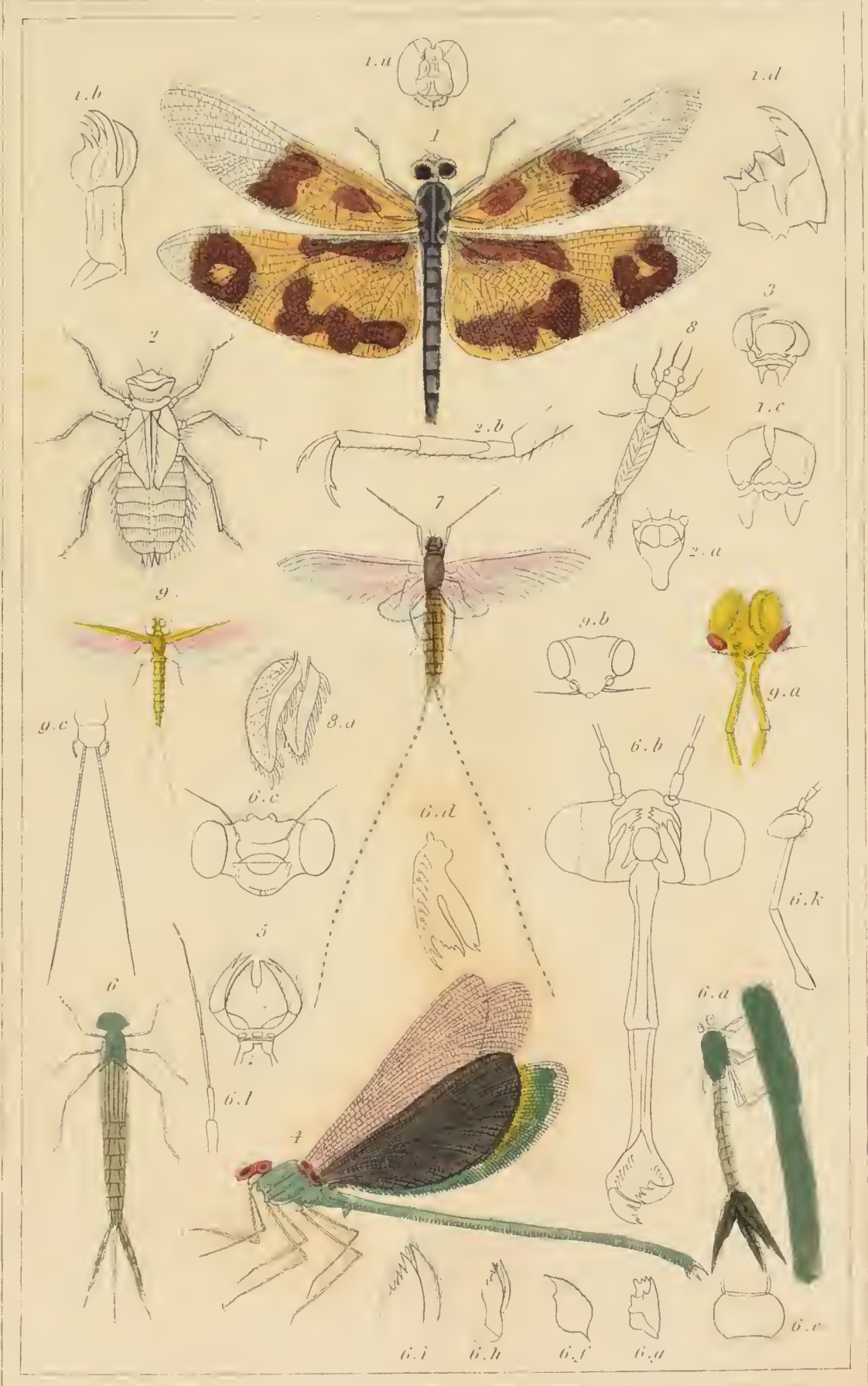


1. Cicada *Diardi*. Guér. 2. *Fulgora bathymeri*. Auby. 3. *Aphaena variegata*. Guérin. 4. *Cixius pellucidus*. Guér. 5. Head of the *Lystra lineata*. L. 6. *Ricania marguetta*. Guér. 7. *Pacilioptera maculata*. Guér. 8. Head of the *Platystrophia*. Guér. 9. *Tettigometra virescens*. Lat. 10. *Issus pectinipennis*. Guér. 11. Head of the *Issus retrofractus*. L. 12. Head of the *Otiocera toqueberti*. Kirby. 13. *Anotia coccinea*. Guér. 14. Head of the *Deche paluda*. Fab. 15. *Asiraca clavicornis*. Fab. 16. *Ugropygus Percheroni*. Guér. 17. Head of the *Delphax minuta*. F.



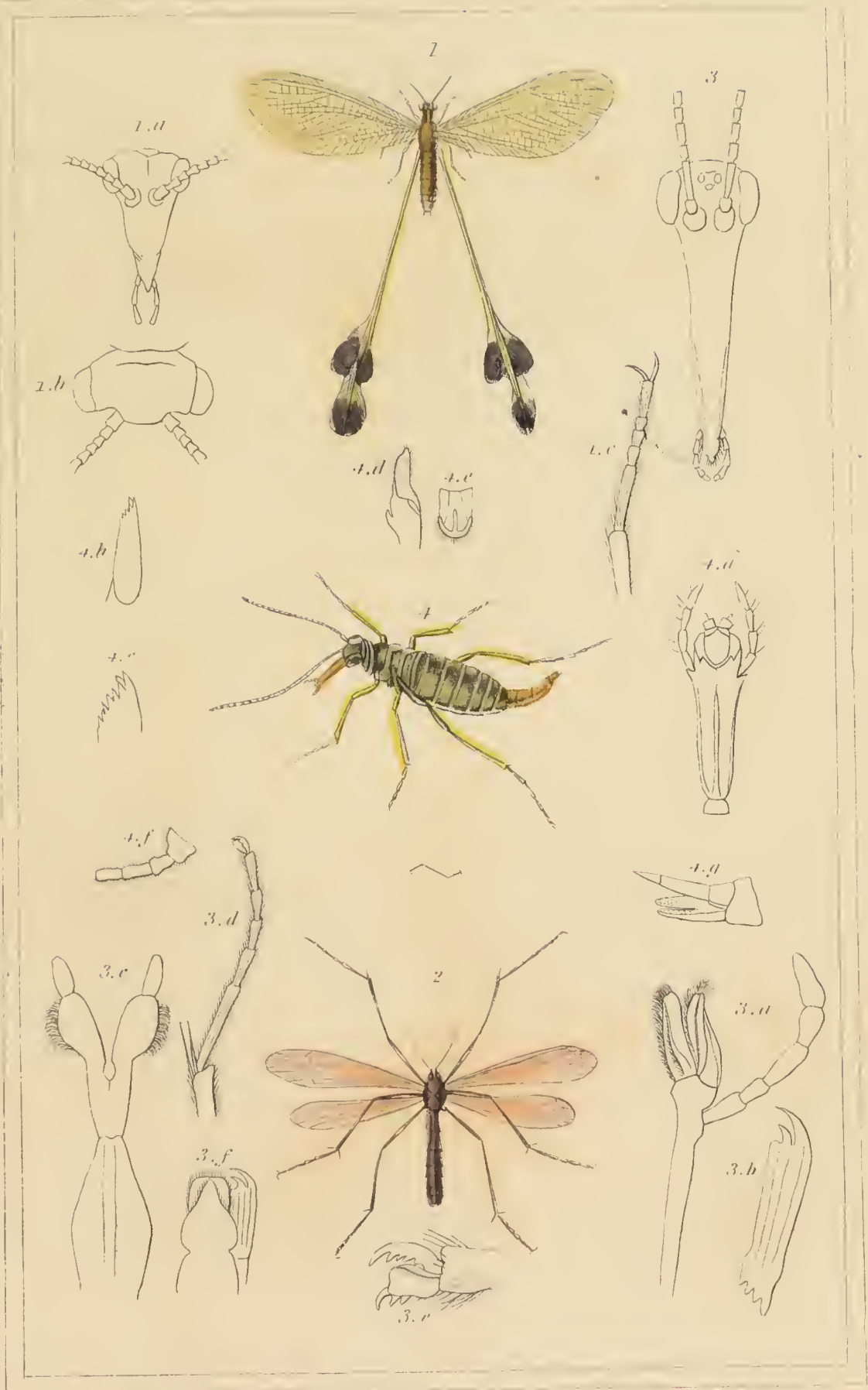


1. *Membracis mexicana*, Guér. 2. *Darnis affinis*, Guér. 3. *Bocidium proximum*, Guér. 4. *Centrotus anchorage*, Guér. 5. Anatomical details of the *Cent. cornutus* F. 6. Anatomical details of the *Axalioa reticulatum*, Lat. 7. *Ledra aurita*, F. 8. *Cercopis Virillei*, Serv. 9. Anatomical details of the *Cer. sanguinolenta*, Panz. 10. *Tettigonia pulchella*, Guér. 11. *Psilla genista*, Guér. 12. Antennae of the *Livia*. 13. *Thrips fasciata*, F. 14. Antennae of the *Thrip. ulmi*, F. 15. *Aphis rosea*, F. 16. Head of the *Aleirodes*. 17. *Coccus cacti*, L.

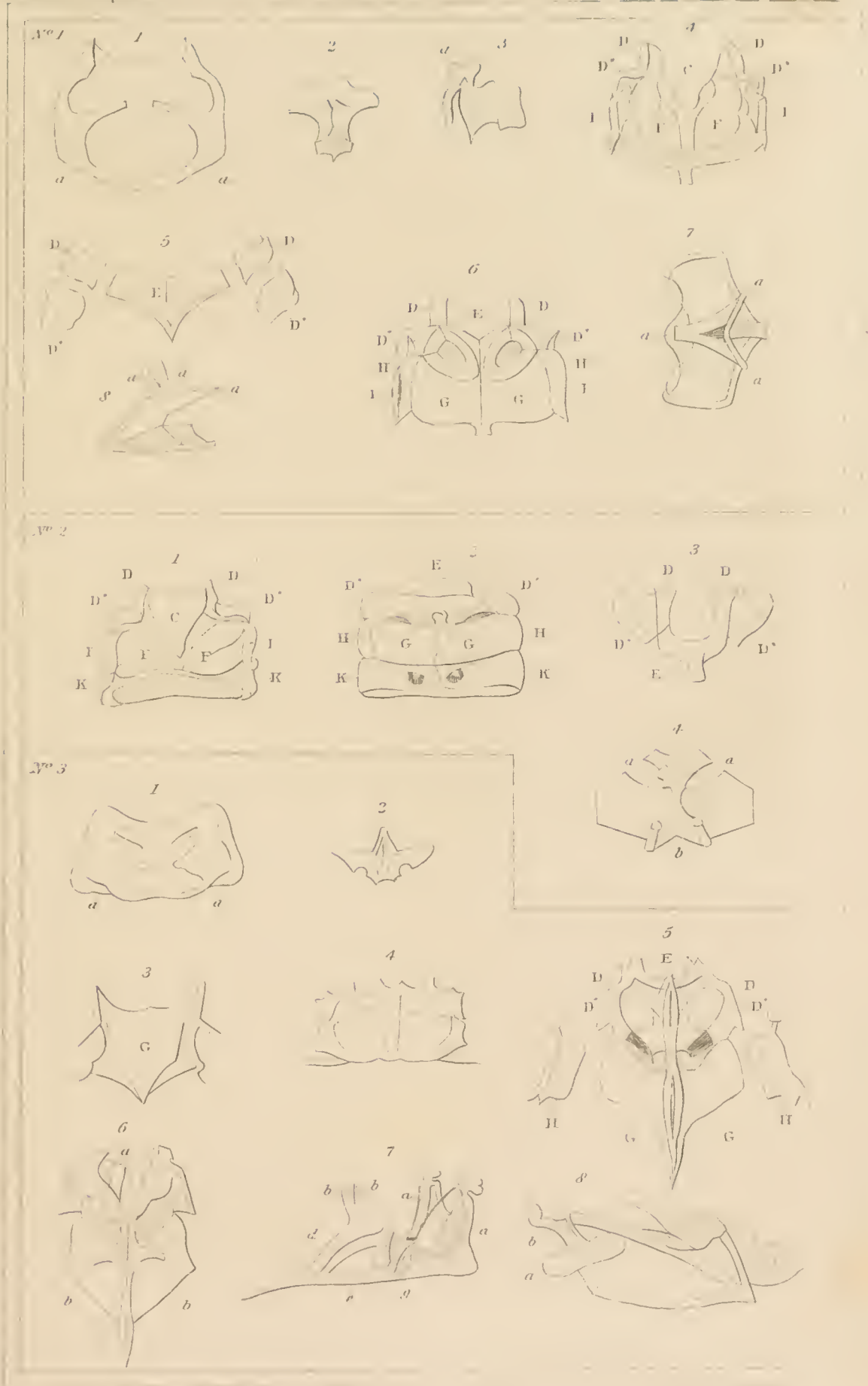


1. *Libellula indica*, Fabr. 2. Nymph of the *Libellula depressa*, Lin. 3. Mand. claws of the *Aeshne* of Egypt. 4. *Agrion chinensis* Guér. Fabr. 5. Mand. claws of the *Agrion virgo*, Fabr. 6. Nymph and Anatomical details of the *Agrion puella*, Lin. 7. *Ephemera limbata*, Serv. 8. Larva of the *Ephemera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

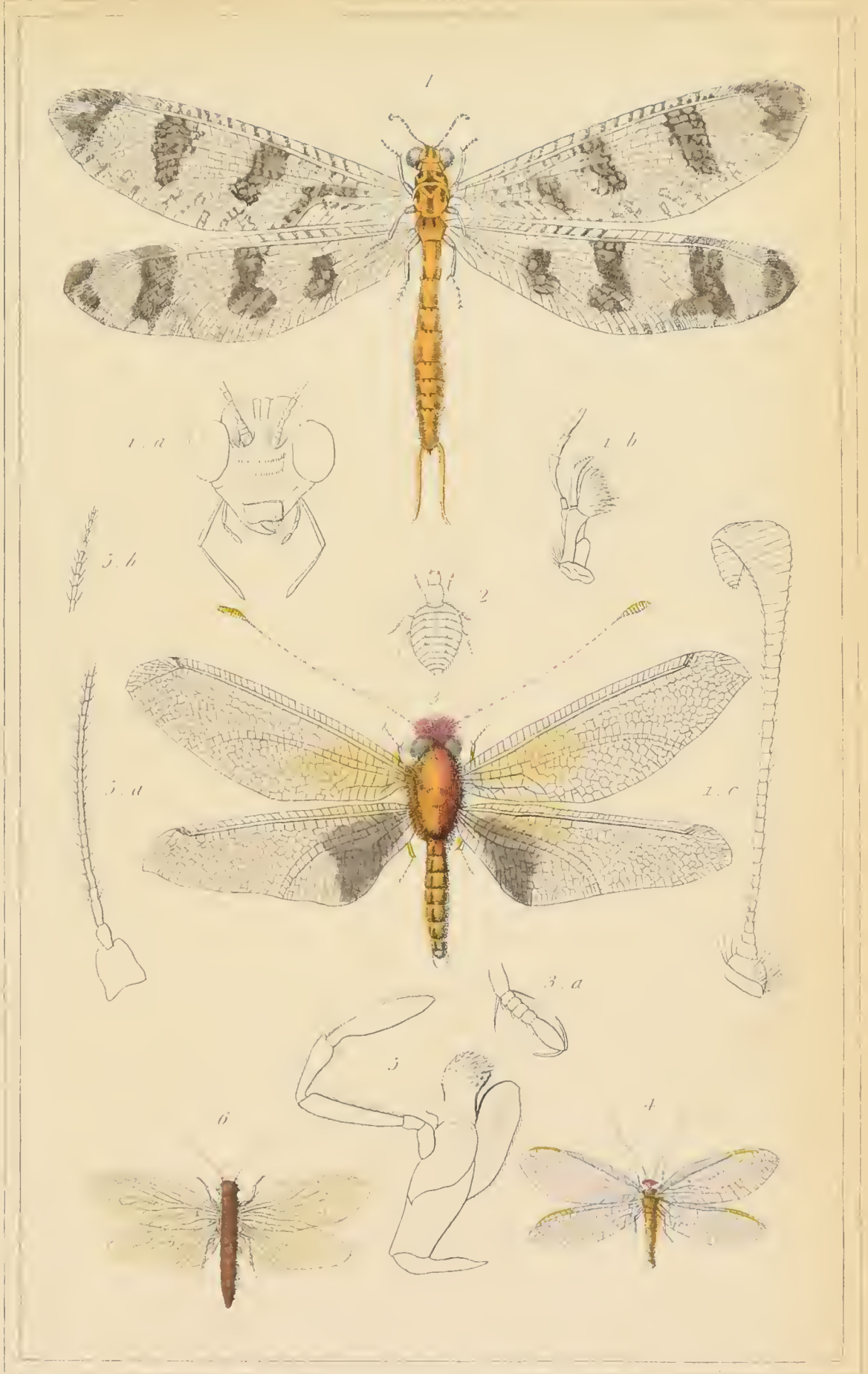




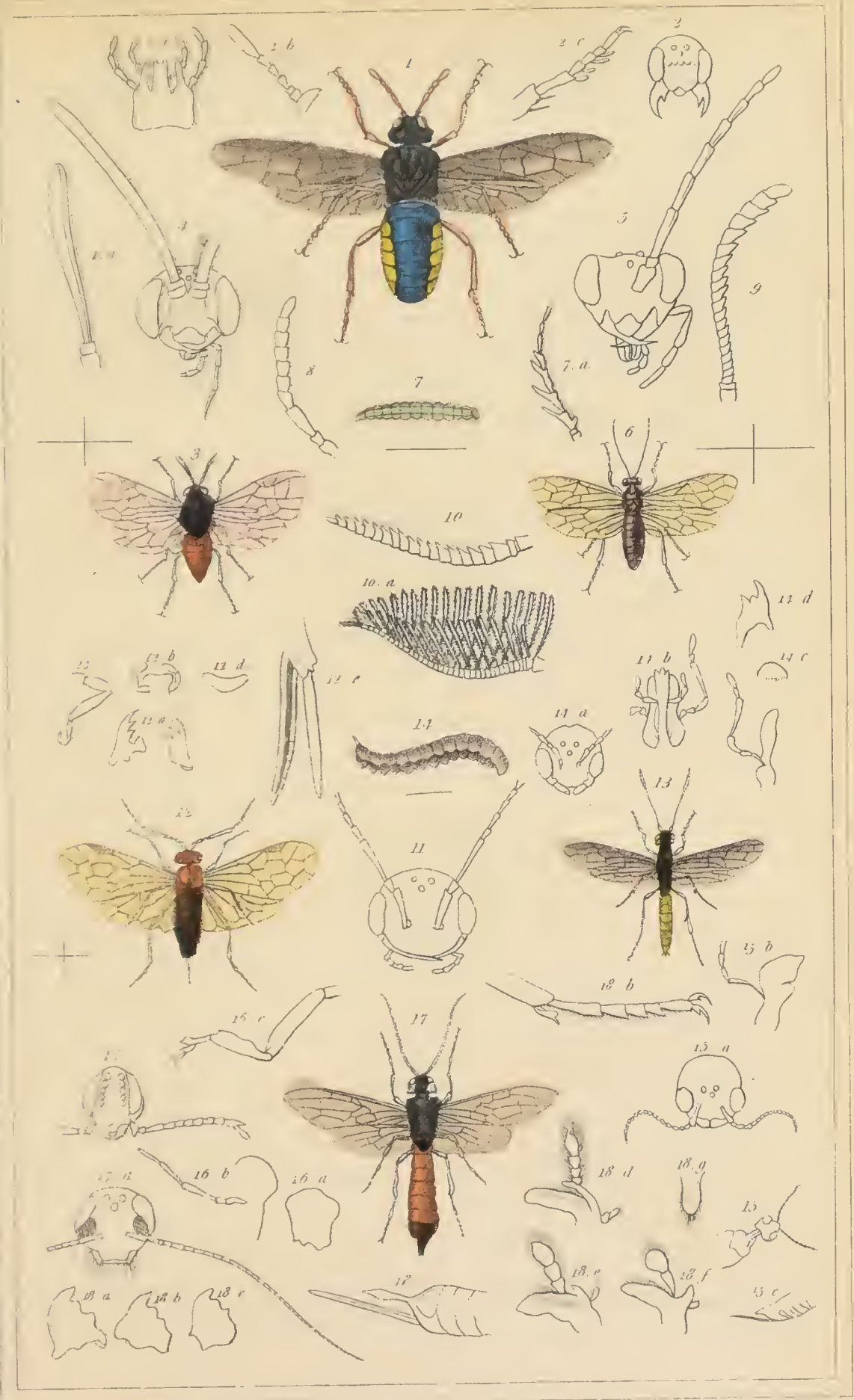
1. *Zemoptera arcuosa*, Oliv. [*halterata* Fab.] 2. *Zettacus tipularius*, Latr.
 3. Anatomical details of the *Zettacus tipularius*, Lin. 4. *Zemoptera arcuosa*, Lin.



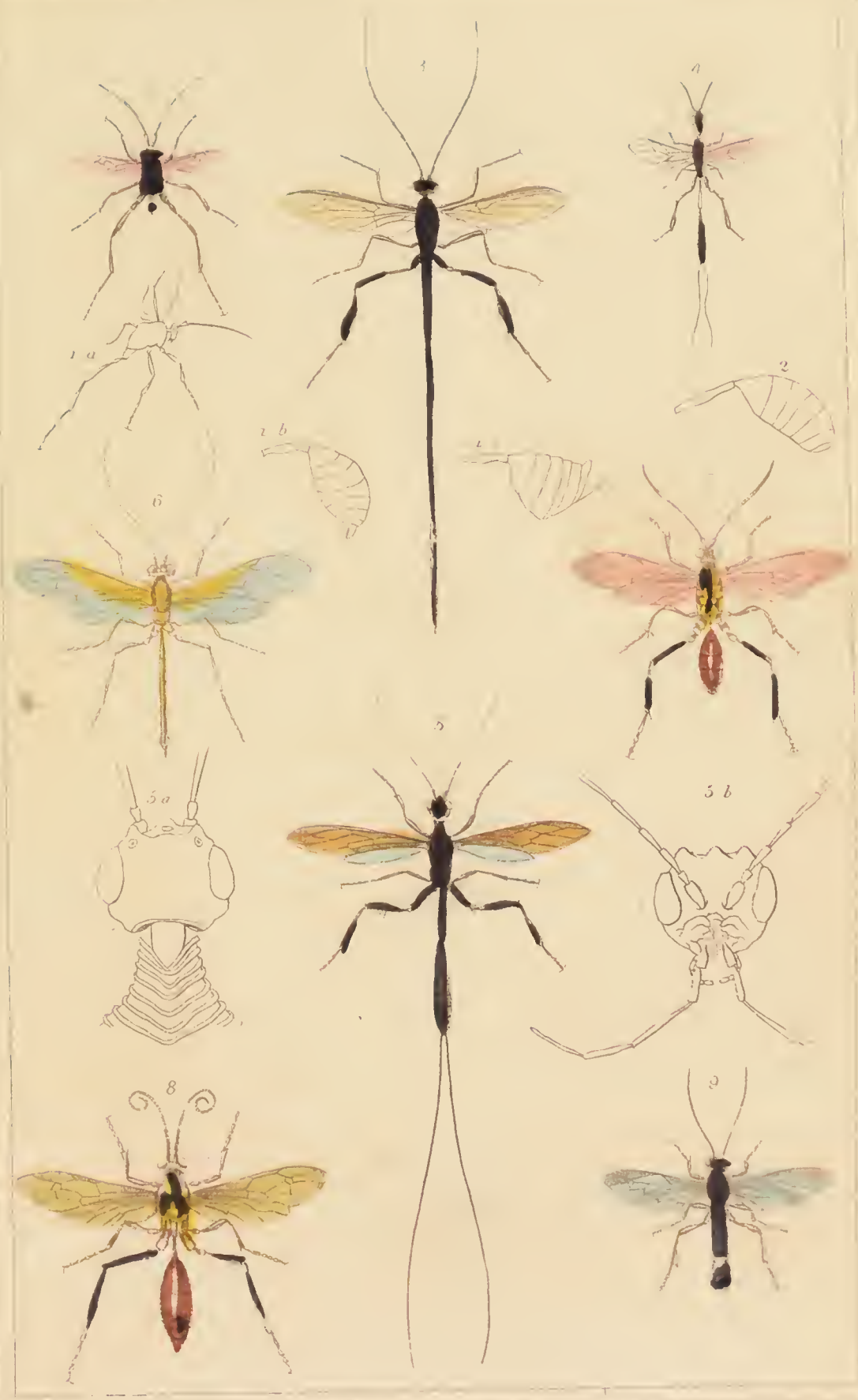
Organs of Motion in Insects.



1. *Myrmelco Percheroni*, Guet. 2. Larva of the *Myrmelco formicarius* L. 3. *Ascalaphus Brasiliensis*, Guet. 4. *Hemerobius capitatus*, Fabr. 5. Anatomy of the *Hemerobius* of Egypt. 6. *Stal is lutearius* Latr.

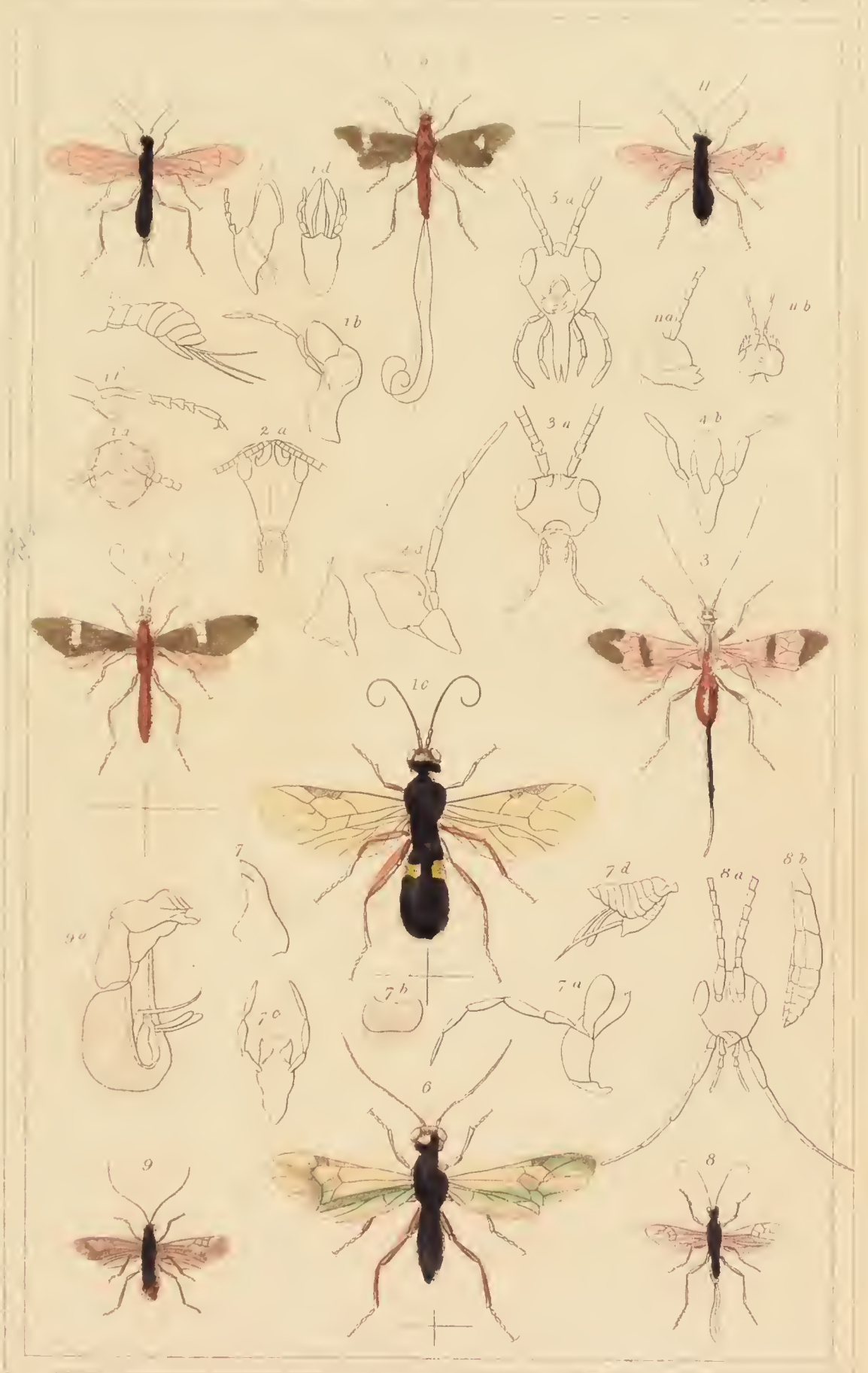


1. *Cimbex lateralis*. Luer. 2. Anatomy of the Tergite. 3. *Schizocera furcata*. Fab. 4. Anatomy of the Hypot. 5. Anatomy of the Penthredo. 6. *Cladius pallipes*. Lep. 7. Anatomy of the *Cladius difformis*. 8. Anatomy of the *Athalia*. 9. Anatomy of the *Pterygophorus*. 10. Anatomy of the *Lophyrus*. 11. Anatomy of the *Pauphulius*. 12. *Xyela puelle*. Dej. 13. *Cephus flaviventris*. Lep. 14. Larva &c. of the *Cephus pygmi*. 15. Anatomy of the *Xyph*. 16. Anatomy of the *Oryssus*. 17. *Sirex lasebyre*. 18. Anatomical details of the *Sirex*.

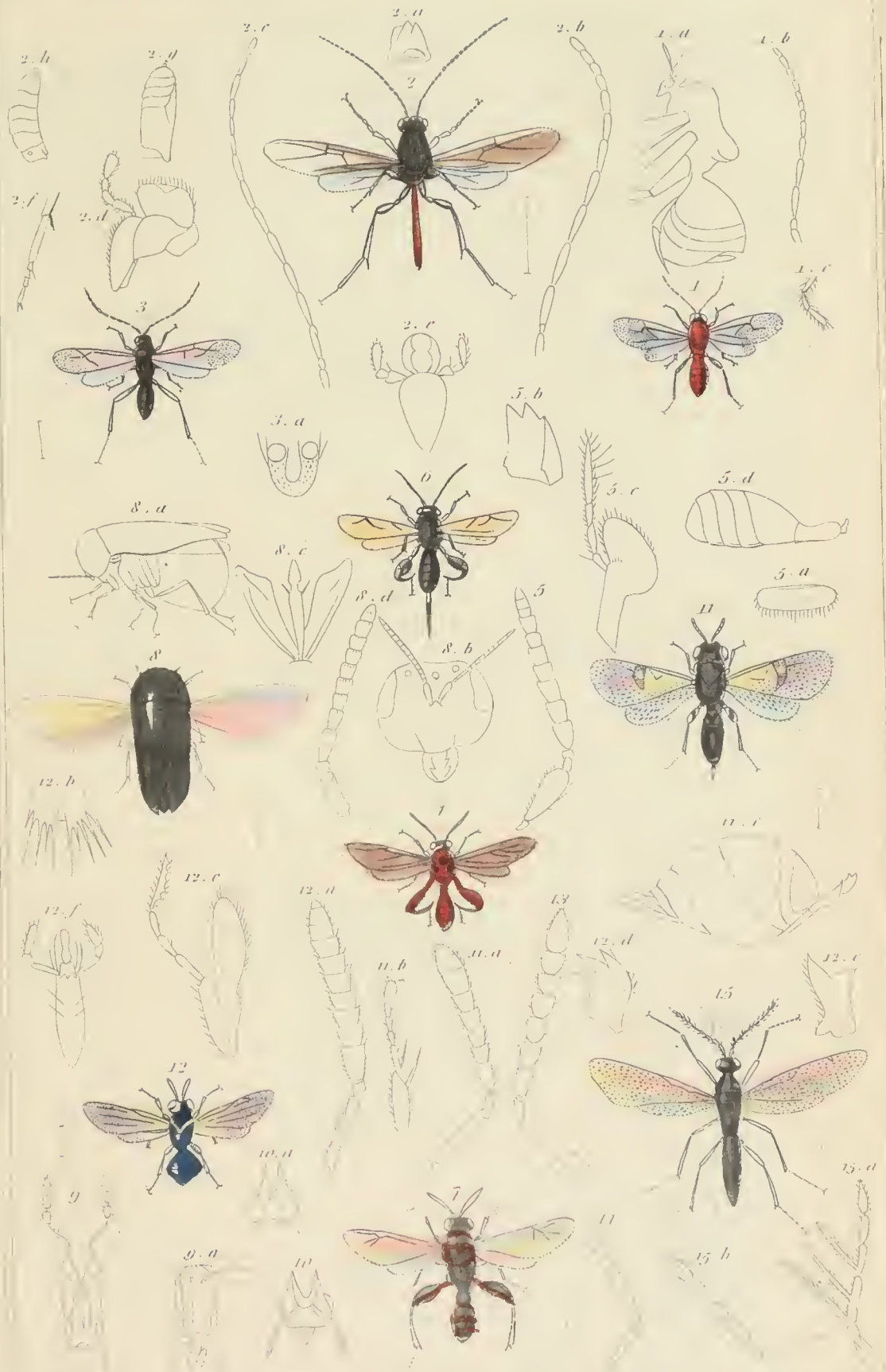


1 *Evania Cilar* Guer. 2 abd. omen of the *Evania appendiculator* Fab 3 *Pelecynus pulverator* Latr. 4 *Phaenocarpa* Serv 5 *Stephanus furcatus* Serv 6 *Ophiomarginatus* Fab 7 *Joppa pita* Serv 8 *Ichneumon atrosomus* Grav. 9 *Uliastus suarius* Grav





1 *Arenaria arator* Rossi 2 *Agathis purgator* Fab 3 *Bracon ornator* Fab 4 Anatomical details of the *Bracon dentigrator* Lin 5 *Vipio nominator* Latr 6 *Microgaster deprimator* Latr 7 Anatomical details of the *Microgaster alvarius* Lin 8 *Helcon spinator* Serv 9 *Sigalphus urinator* Latr 10 *Chelonus occulator* Jurine 11 *Mysisia manducator* Fab.

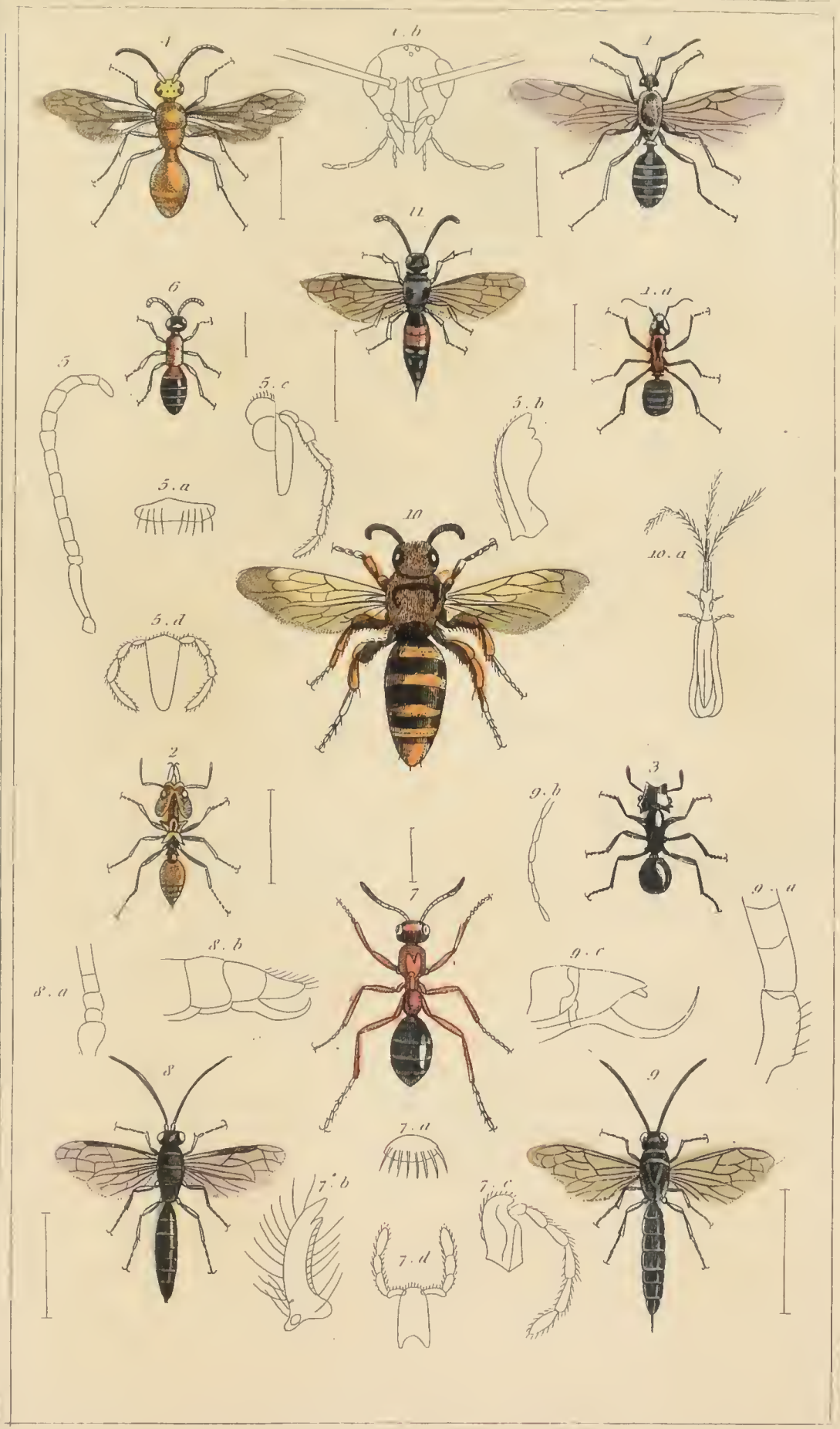


1. *Cynips quercus toraj.* Fab. 2. *Halictus cultellator.* F. 3. *Pigites scutellaris.* Lat. 4. *Chalcis lasneri.* Guér. 5. Anatomical details of the *Chalcis maculanti.* Curt. 6. *Chalcis fimbriata.* Guér. 7. *Leucospis pedicellata.* Guér. 8. *Thoreantha Latreillei.* Guér. 9. Head of the *Agrion.* 10. Head of the *Dierhina.* 11. *Euclyptus cooperi.* Curt. 12. *Perilampus violaceus.* Fab. 13. Antenna of the *Cleonymus.* 14. Antenna of the *Euclyptus.* 15. *Eulophus pectinicornis.* Fab.



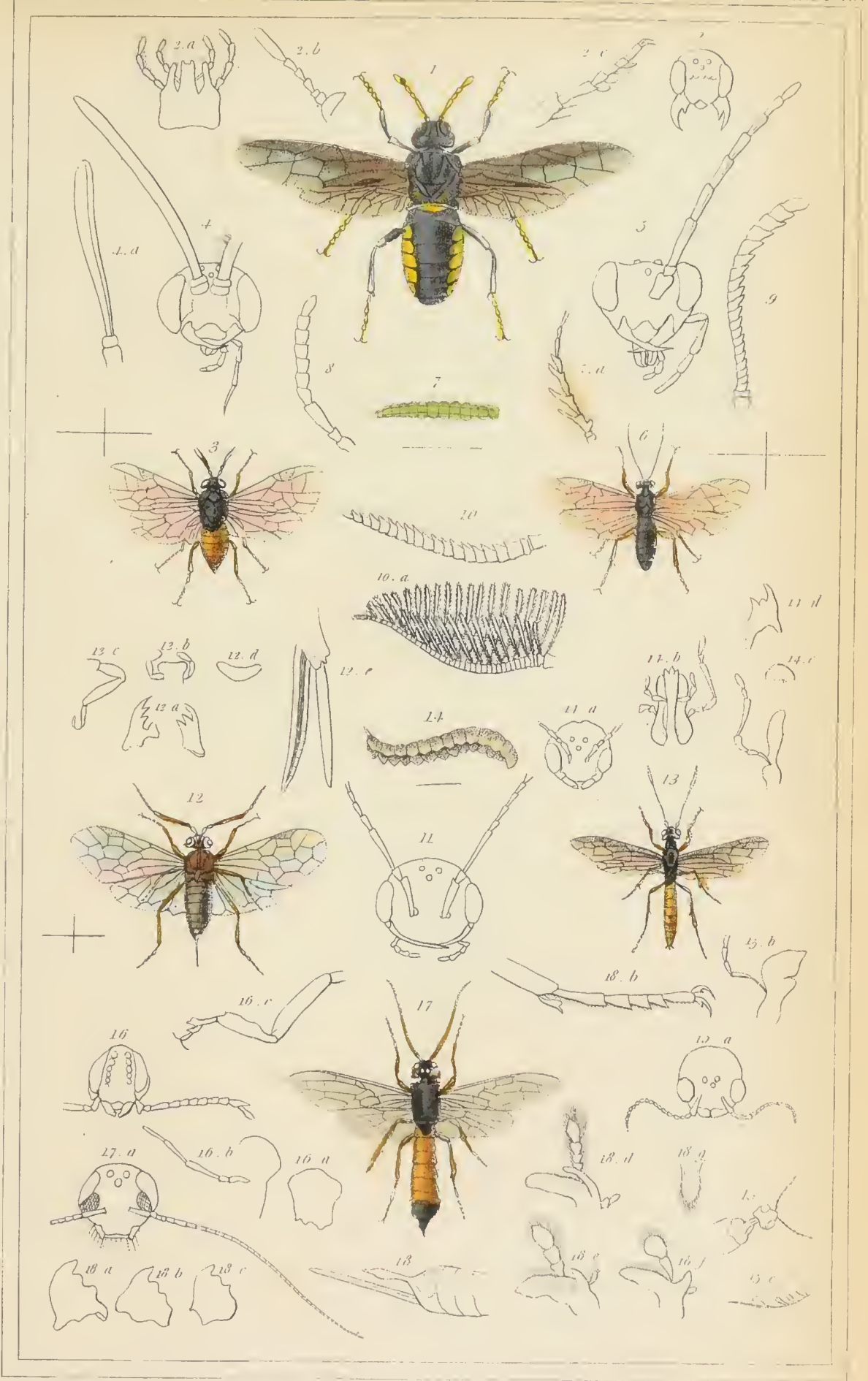
1. *Doryinus cursor*, Hal. 2. *Helorus anomalipos*, Panz. 3. *Sparasion frontale*, Lat. 4. *Galeus fuscipennis*, Curt. 5. *Platyaster Boscii*, Jur. 6. *Myrmica pulchellus*, Walk. 7. Anatomical details of the *Telus elatior*, Hal. 8. Antennae of the *Cinetus*. 9. *Chrysis mexicana*, Guér. 10. Anatomical details of the *Hedychrum*. 11. *Cleptes thoracica*, Lap.





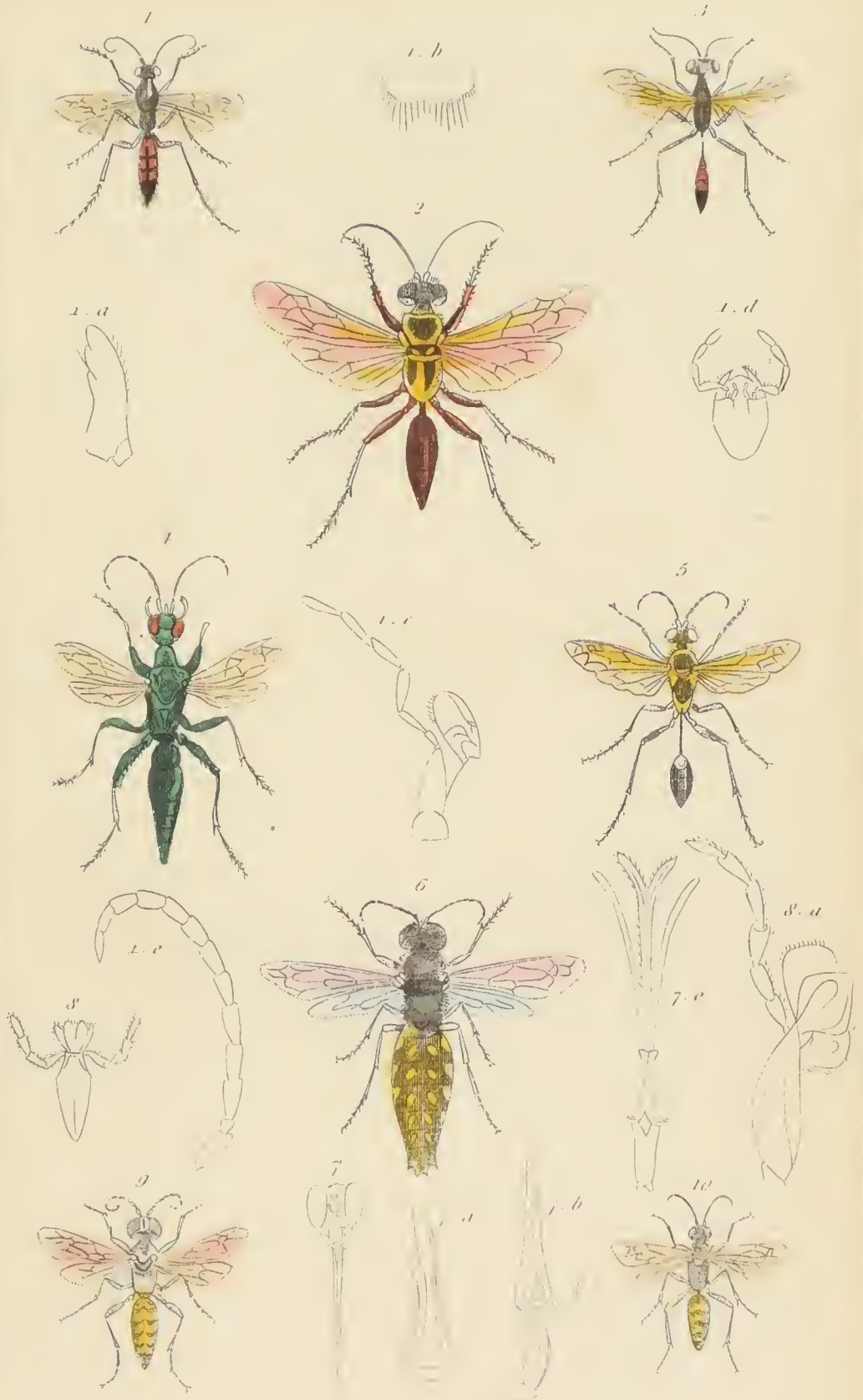
1. *Formica rufa*, L. 2. *Atta ? arnigera*, Lat. 3. *Cryptocerus atratus*, Lat. 4. *Mutilla senex*, Guér. 5. Anatomical details of the *Mutilla ephippium*, Fab. 6. *Myrmosa melanocephala*, Lat. 7. *Methoca ichneumonides*, Lat. 8. *Tengyra Sanvitali*, Lat. 9. *Myzine volvulus*, Lat. 10. *Scolia formosa*, Guér. 11. *Sapyga varia*, Lat.





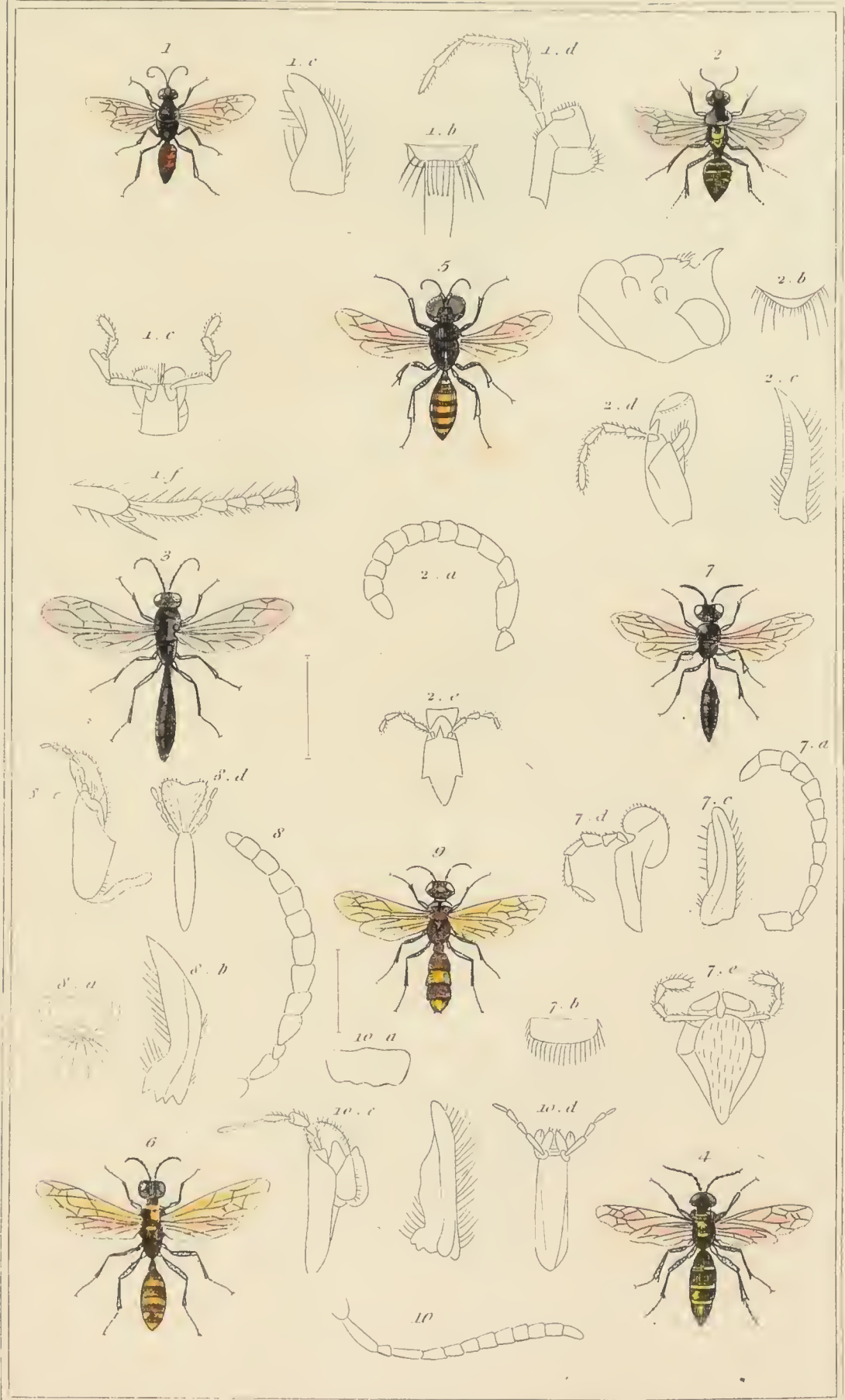
1. *Cimbex lateralis*. Guér. 2. Anatomy of the Perga. 3. *Schizocoeva furcata*. Fab. 4. Anatomy of the Hyloicus. 5. Anatomy of the Tentredo. 6. *Cladius pallipes*. Lep. 7. Anatomy of the *Cladius difformis*. 8. Anatomy of the Athalia. 9. Anatomy of the Pterygophorus. 10. Anatomy of the Laphygus. 11. Anatomy of the Pamphilus. 12. *Xyela pusilla*. Dal. 13. *Cephus flaviventris*. Lef. 14. Larva &c. of the *Cephus pugn.* 15. Anatomy of the Xypha. 16. Anatomy of the Oryssus. 17. *Sirex lefebvrei*. 18. Anatomical details of the *Sirex*.





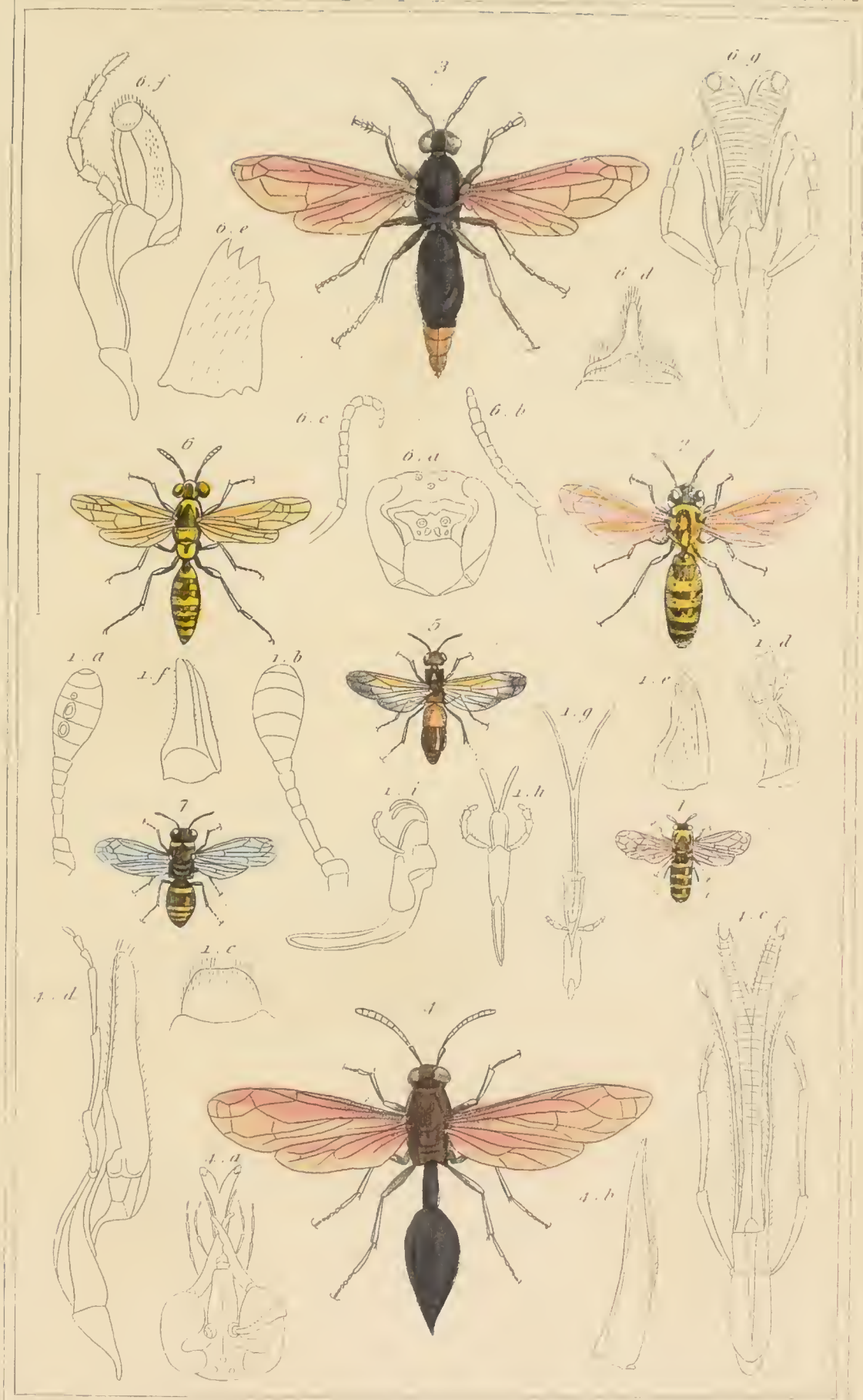
1 *Pompilus viaticus* F. 2. *Spilix auriventris*. Guér. 3. *Amphiphilus apicalis*. Guér. 4. *Ampulex compressiventris*. Guér. 5. *Pelopaeus lunatus* F. 6. *Bembex peruviana*. Guér. 7. Anatomical details of the *Bembex*. 8. Anatomical details of the *Monedula*. 9. *Lyrops auriventris*. Guér. 10. *Dinetus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





1. *Astata boops*, Spin. 2. *Oxybelus uniglumis*, Fab. 3. *Trypoxylon figulus* Lat. 4. *Gorytes mystaceus*, Lat. 5. *Crabro cephalotes*, L. 6. *Mellinus arvensis*, L. 7. *Psen ater*, Lat. 8. Anatomical details of the *Phillanthus androgynus*, Rossi. 9. *Cerceris bifasciata*, Guér. 10. Anatomical details of the *Cerceris larta*, F.

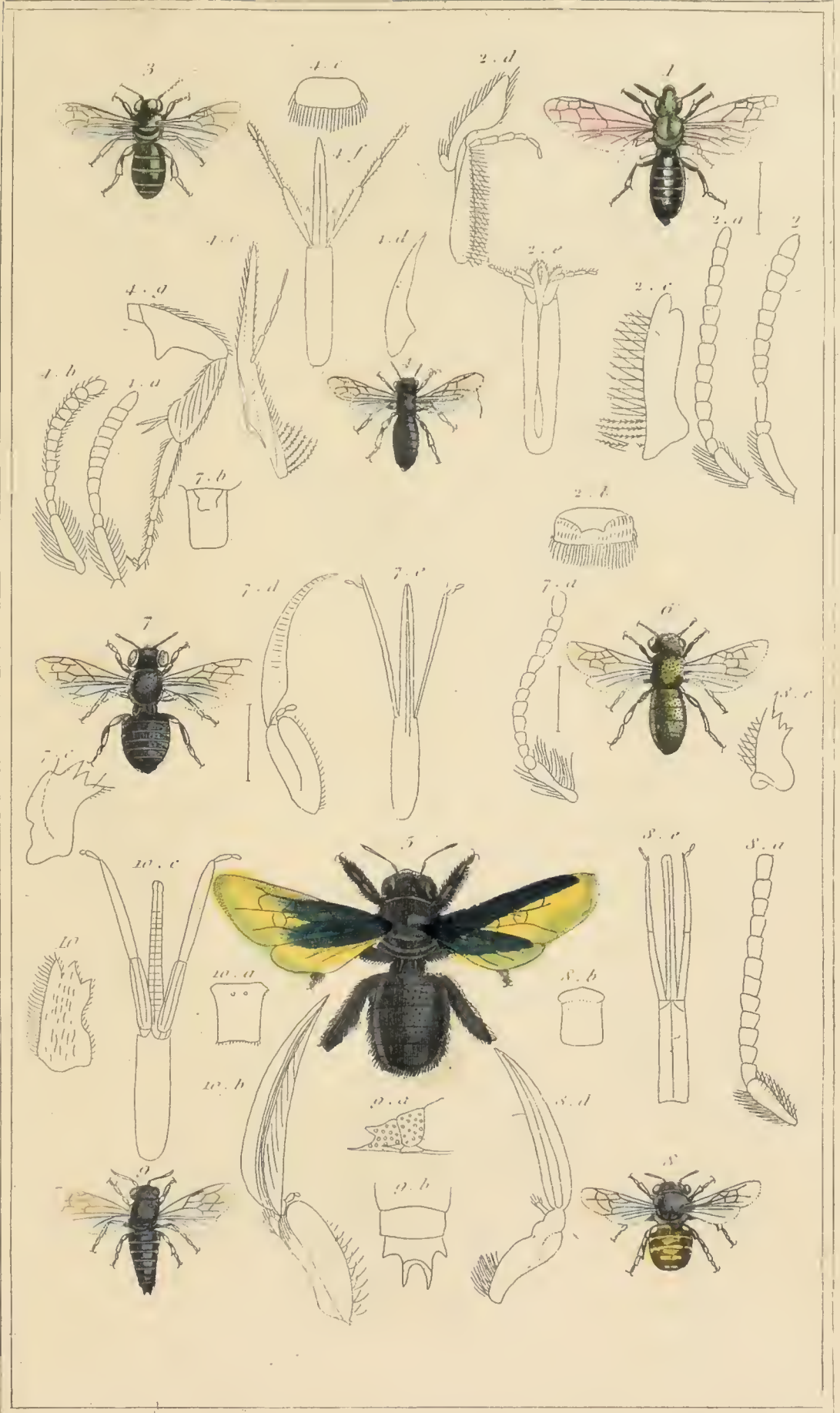




1 *Celonites apiformis*, Lat. 2. *Ceranius fuscicollis* Klug. 3. *Synagris talita* Fab
 4. *Eumenes Savignyi*, Guér. 5. *Odynerus elegans*, Guér. 6. *Polistes hepburni* Guér.
 7. *Polistes nidulans*, Fab.

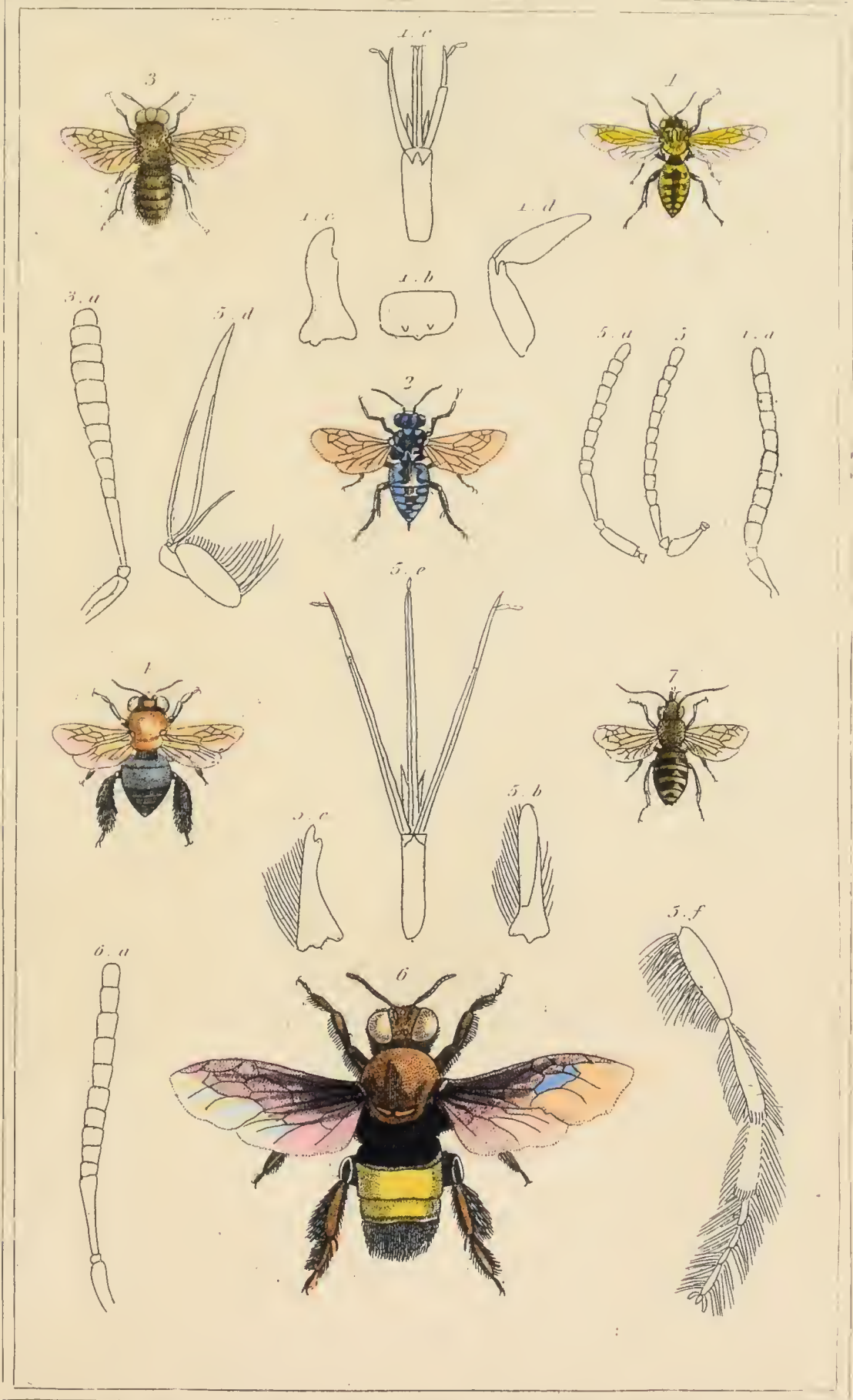
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1. *Andrena femoralis*. Guér. (Cuba) 2. Anatomical details of the *Andrena kirbyi*. Curt.
 3. *Nocua crassipes*. Oliv. 4. *Panurgus ater*. Lat. 5. *Xylocopa auripennis*. Lep. 6.
Ceratina viridis. Guér. 7. *Megachile centuncularis* L. 8. *Anthidium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

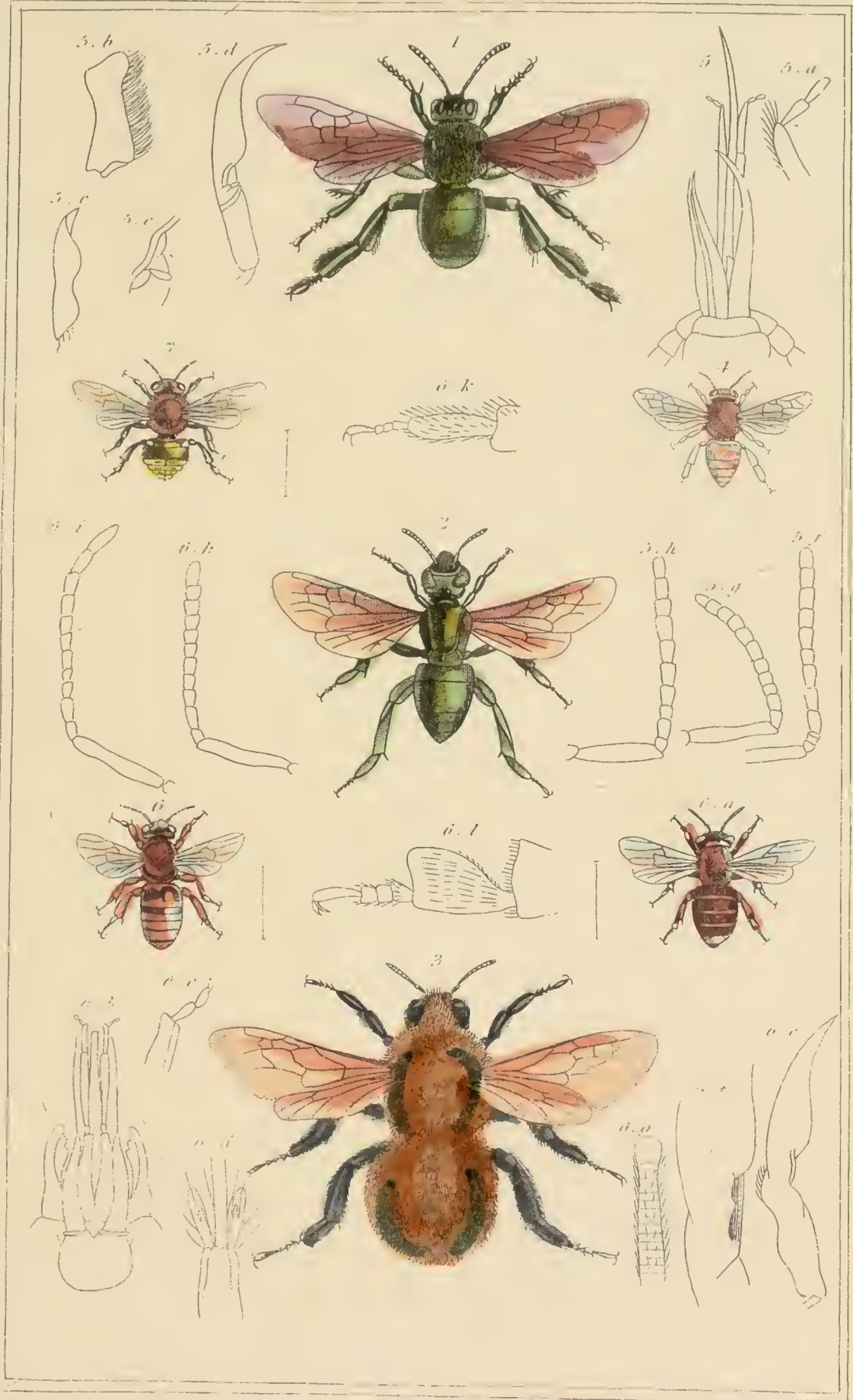




1. *Epeolus variegatus*, L. 2. *Crocisa pulchella*, Guér. 3. *Melliturga clavicornis*, Lat. 4. *Anthophora apicalis*, Guér. (Cuba) 5. Anatomical details of the *Anthophora flowerthana*, Kirby. 6. *Centris clypeata*, Lepel. 7. *Macrocerus Lasnicrii*, Guér. (Cuba);

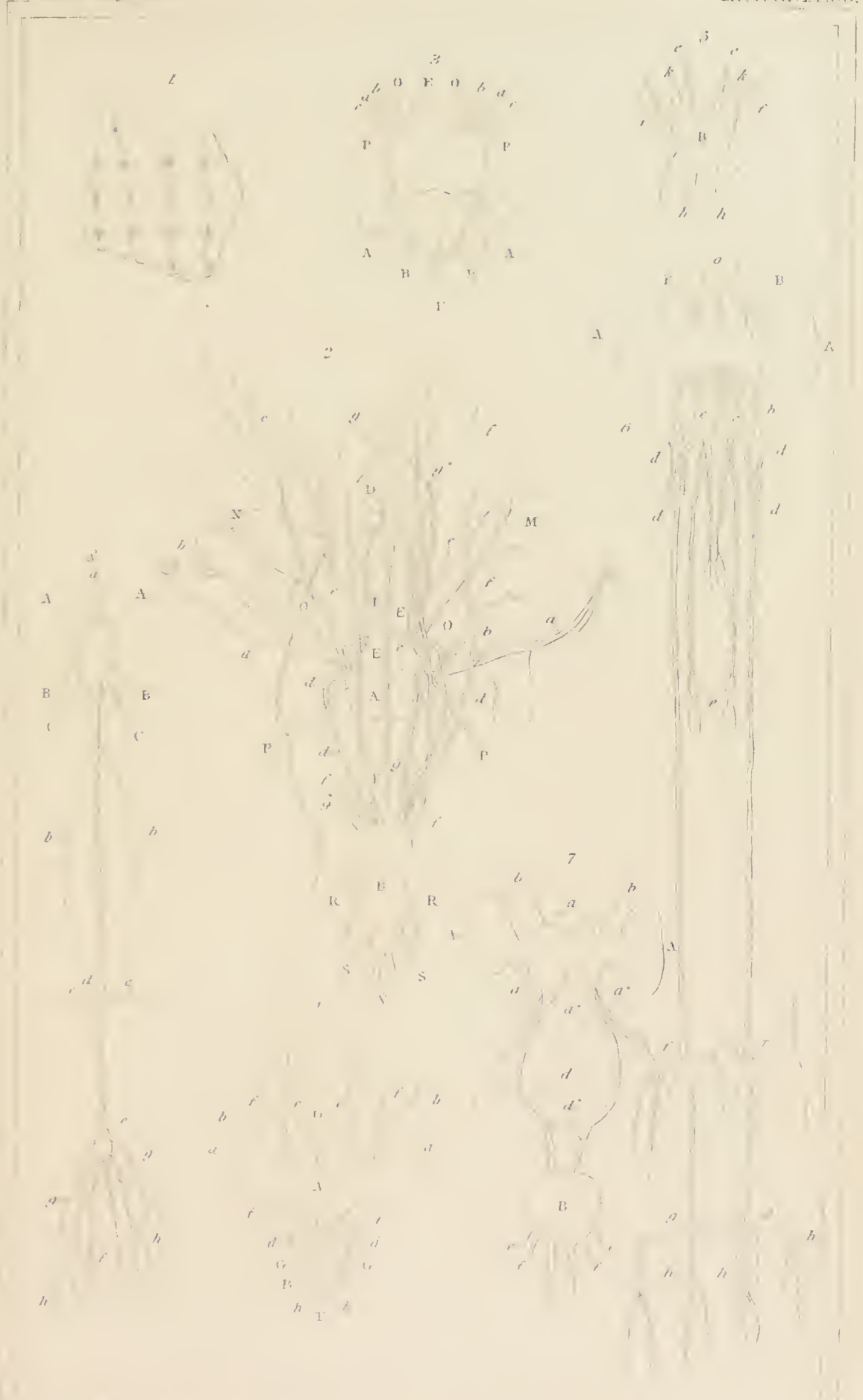
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1. *Acanthopus splendidus* Klug. 2. *Englossa dentata* Lat. 3. *Bombus Pahlheimii* Guér. 4. *Apis adansonii* Lat. 5. Anatomical details of *Apis mellifica*, L. 6. *Melipona fulvipes*, Guér. 7. *Trigona foveolata*, Guér.

London: J. Van der Pijl, 1855.



Organs of Sensation in Insects.

From the Anatomical Atlas of G. Cuvier.







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

3 *Pieris puebius* Fabr. Godard. 4 *Thais coryza* Godard





1. *Pieris thuria* Godard. 2. Caterpillar & Chrysalis of the *Pieris brassicae* L.
 3. *Heliconia langsdorffii* Godard. 4. *Danaida eunice* Godard.





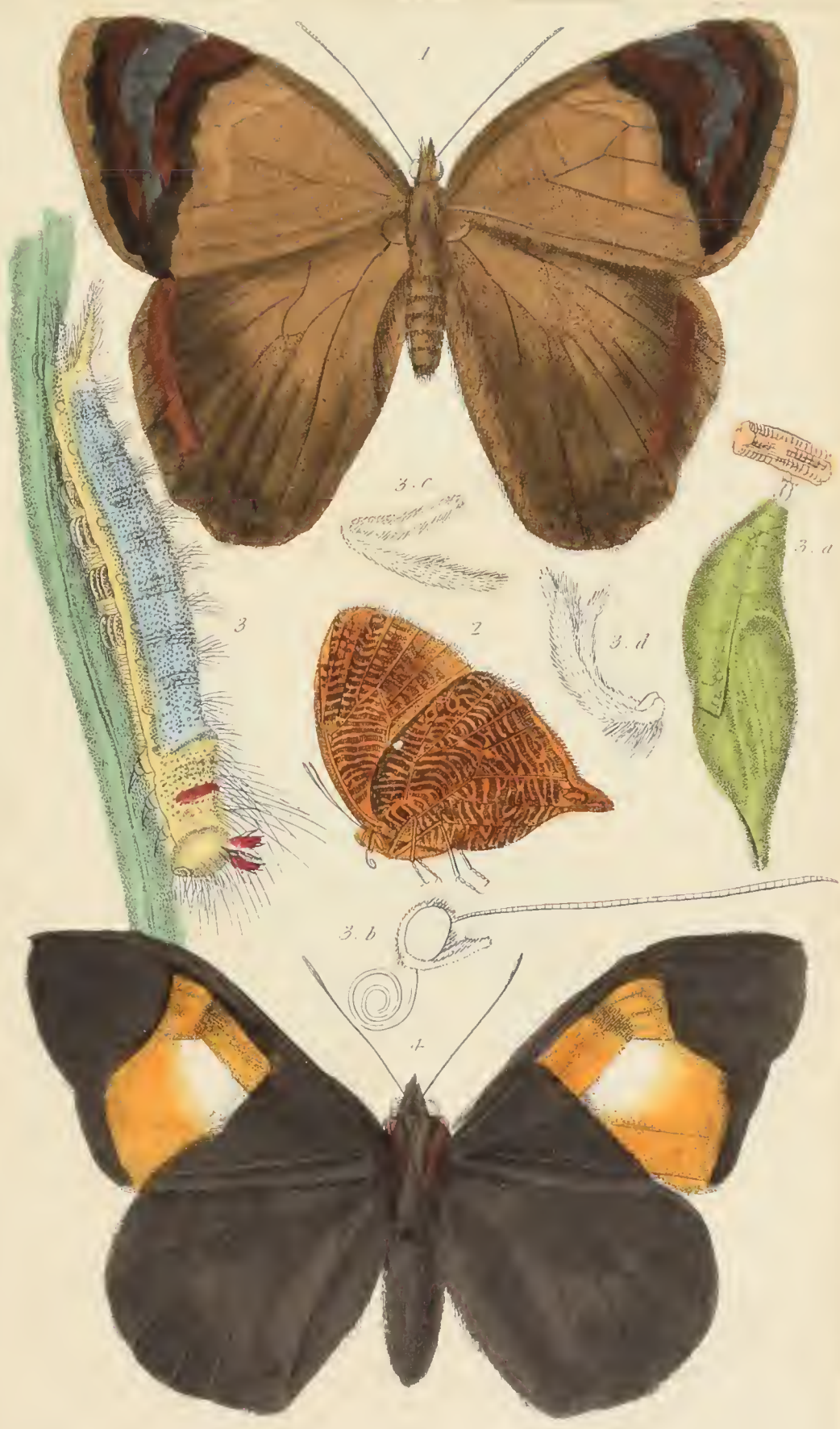
1. *Vanessa callithea*, Godard. 2. *Argynnis moneta*, Geyer. 3. Caterpillar & Chrysalis of the *Argynnis puphia*, Godard. 4. *Nymphalis ethea*, Godard. 5. Caterpillar & Chrysalis of the *Nymphalis ilia*, Godard.





1. *Satyrus Balder* Boisd. 2. Caterpillar & Chrysalis of *Satyrus partina* Godard
 3. *Eumenia toxea* Godard 4. *Erybia carolina* Godard.





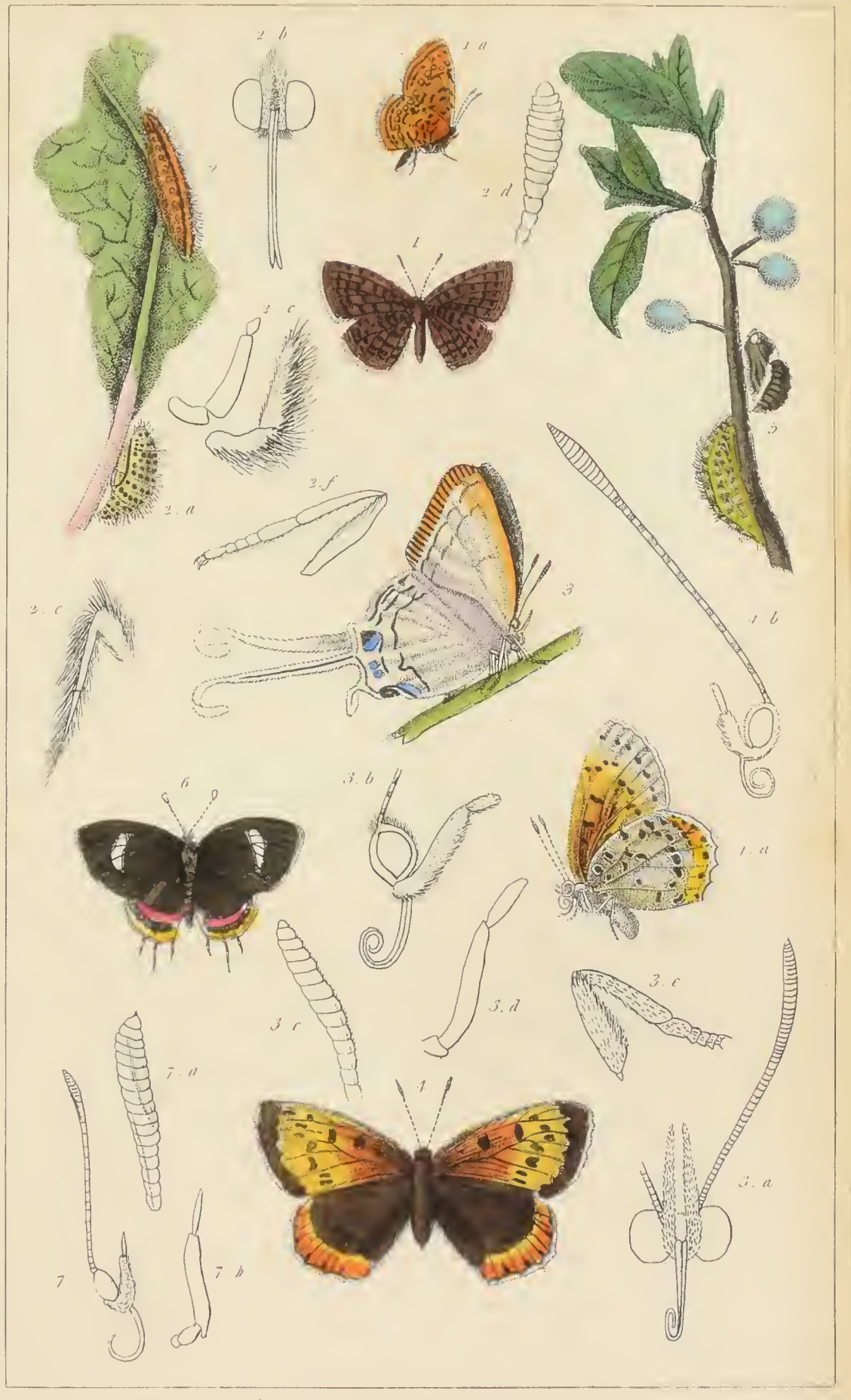
1. *Pavonia acadina*, Godard. 2. *Morpho acturion*, Godard.
 3. Anatomical details of the *Morpho philippus* Godard. 4. *Bras solis astrya*, Godard.





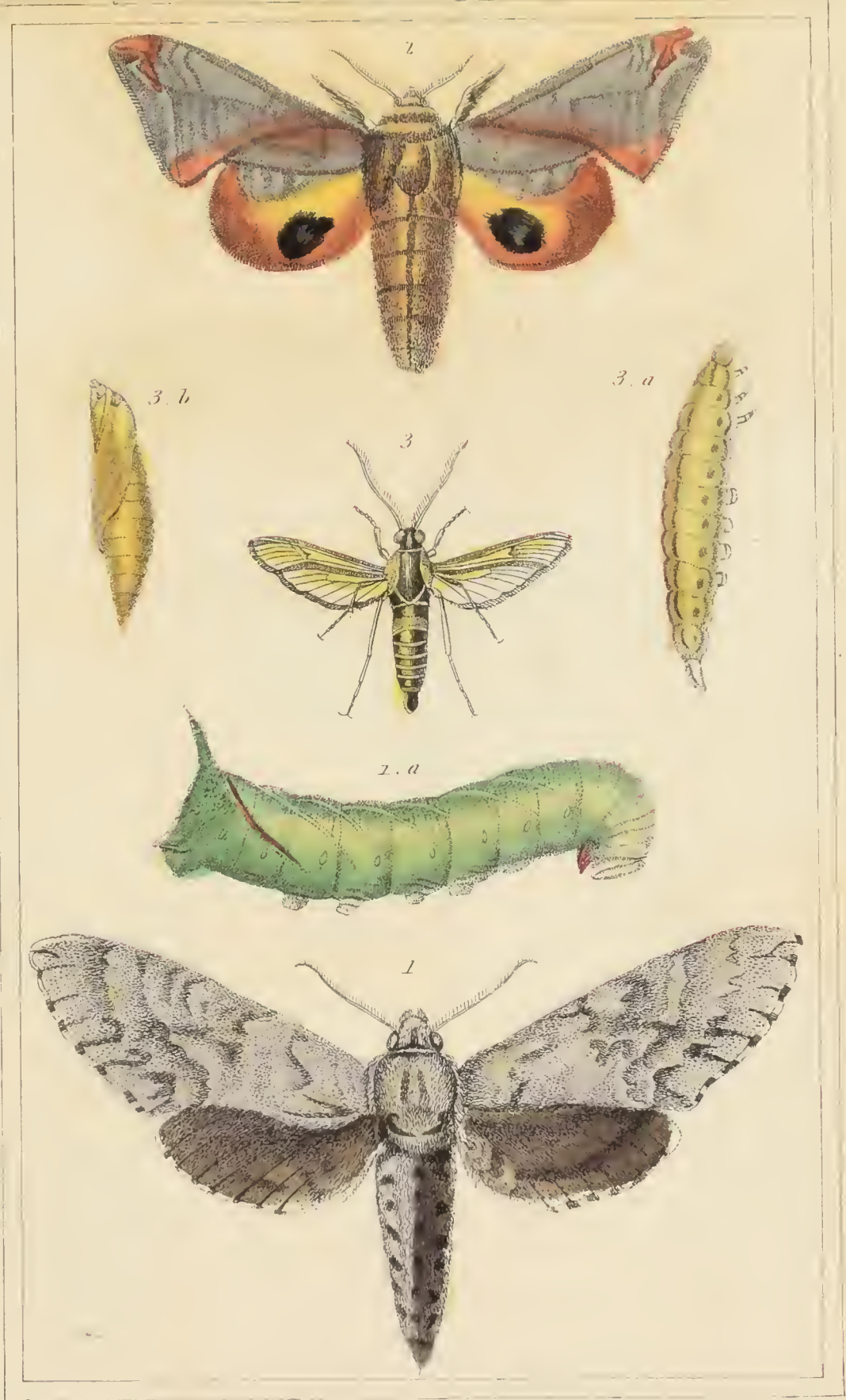
1 *Urania Boursduvali* G. 2. *Hesperia sabadus* Edy. 3 Caterpillar & Chrysalis of *Hesp. Janca* Fab.
 1. Caterpillar of *Hesp. Janca* Fab





1. *Erycina virginicensis*, Boisdu. 2. Caterpillar, Chrysalis & Anatomy of the *Erycina lucina*. 3. *Myrina jaffra*, Godard. 4. *Polvommatas thor*, Boisdu. 5. Caterpillar & Chrysalis of the *Polvommatas pruni*, Godard. 6. *Zephyrius amor*, Dalman. 7. Anatomy of the *Polvommatas roxus*, Godard. (g. *Lycena*, *her. sf.*)



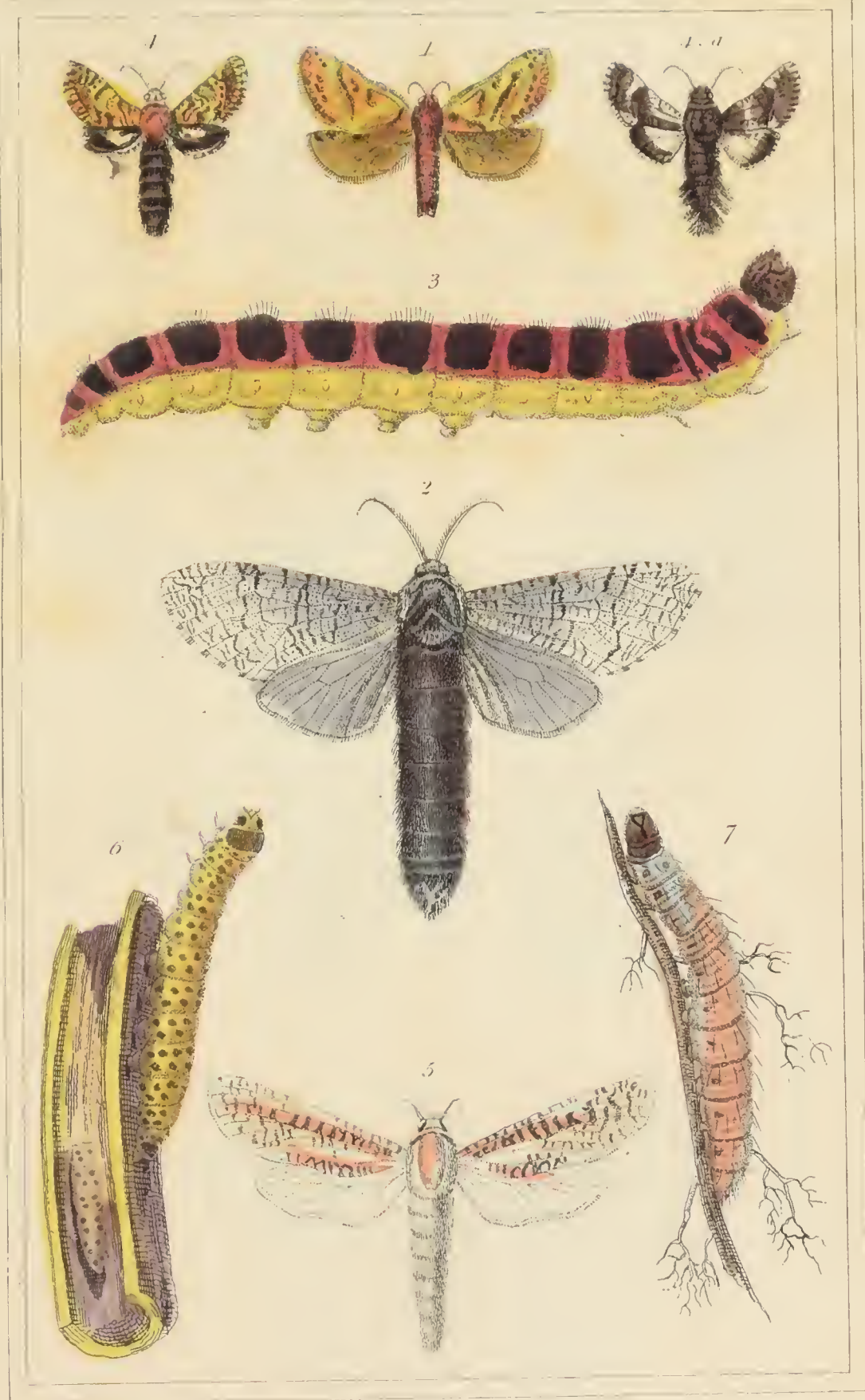


1. *Sphinx jamaicensis* Bly 2. *Smerinthus io*, Bly.

3. *Sesia asihpennis* Bly

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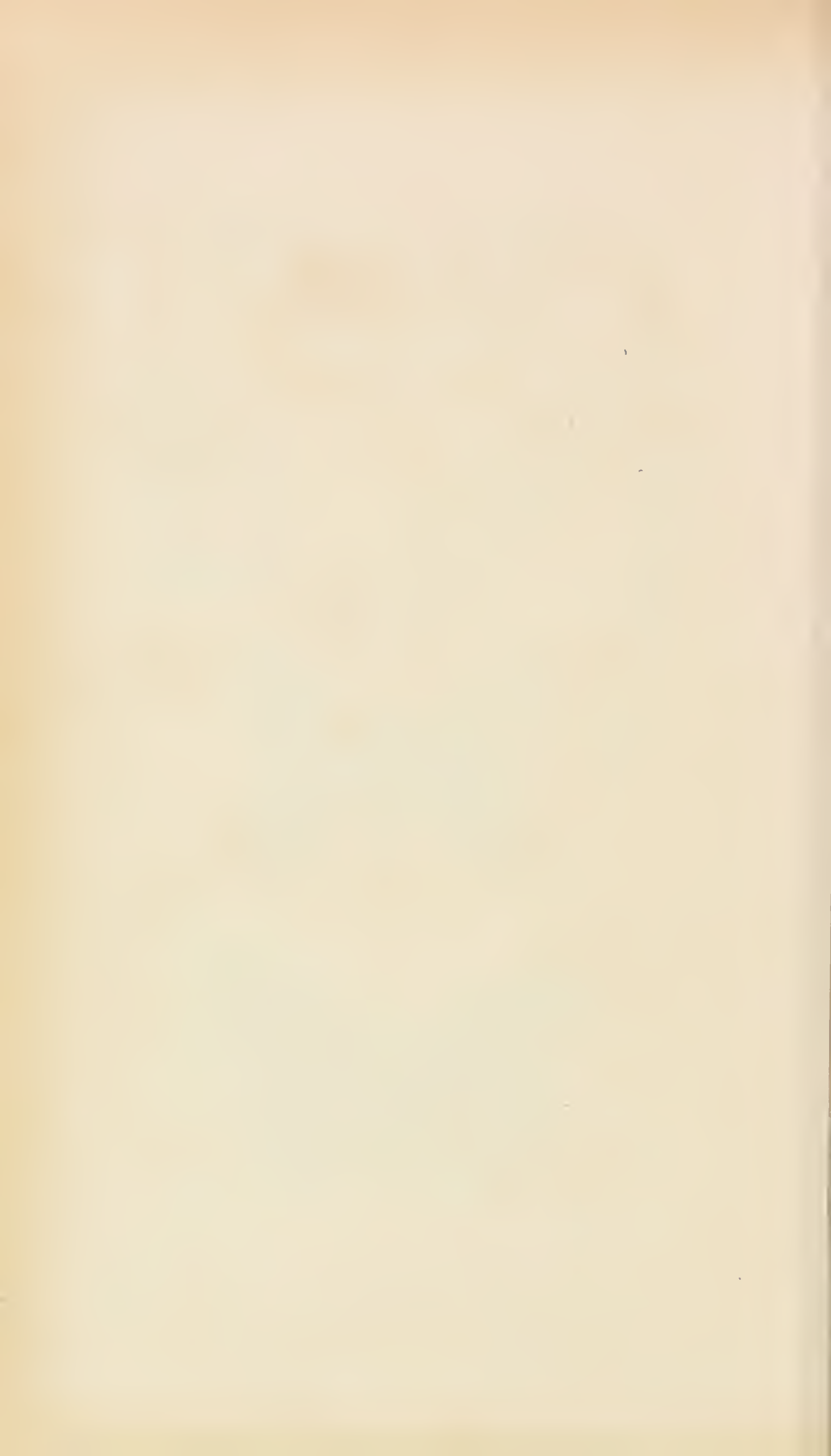


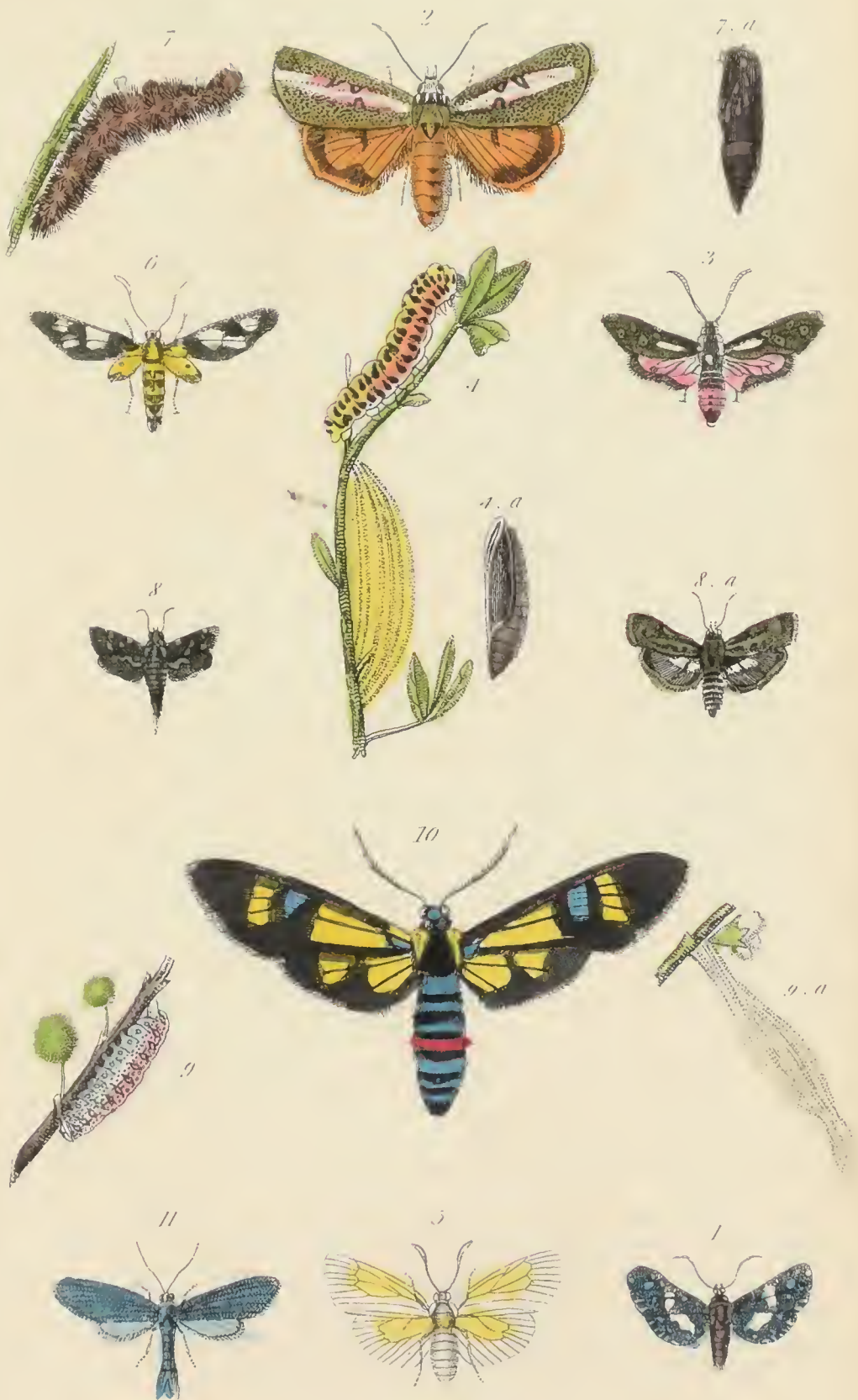
1. *Hepialus lupulinus* Fab. 2. *Cossus Macmurtrei* Bdv 3. Caterpillar of the *Cossus ligniperda* Fab. 4. *Stygia australis* Latr 5. *Zenizera scularis* Donov. 6. Caterpillar of the *Zenizera æsculi* Fab. 7. Caterpillar of the *Hepialus humuli* Fab.

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1. *Agarista Pales*. Bdy. 2. *Caterpillar & Chrysalis of the Agarista glycina*. Lewin
 3. *Coronis Leachii* Godard. 4. *Castnia Jerardes* Bdy.





1. *Thyris sepulchralis*, Bdv. 2. *Egeocera rectilinea* Bdv. 3. *Zigana pulchella*, Bdv. 4. *Zigana filipendula*, Lin. 5. *Procris nebulosa*, Klug. 6. *Syntomis nyodes* Bdv. 7. *Syntomis phaeo*, Fab. 8. *Atychia pumila*, Och. Lat. 9. Caterpillar & Chrysalis of the *Aglaope infausta*. 10. *Glaucoptis Falletii*, Fris. 11. *Aglaope americana*, Bdv.





1. *Salicaria bauhiniar*, Bdv. 2. Caterpillar of the *Saturnia luna*, Fab. 3. *Thysalis* of the *Saturnia pavonia minor*, Luv. 4. *Bombyx digramma*, Bdv. 5. Caterpillar of the *Bombyx pennsylvanica* Bdv. 6. *Lasiocampa proboscidea*, Bdv.





1. *Chelonia evidens*. Bdv. 2. Caterpillar of the *Chelonia nubilis*. Bdv. 3. Anatomical details of the *Chelonia chrysocharis*. 4. *Callimorpha Leontei*. 5. *Bieranoura borealis* Bdv. 6. *Lithosia lata*. Bdv. 7. *Lithosia luteola*. 8. Caterpillar of the *Lithosia pulchella*. 9. *Platypterox globularia*. Bdv.

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1 *Scricaria ruficeps* Bdv. 2 Caterpillar of the *Scricaria tessellata* Bdv. 3 *Notodonta ziczin* Lat. 4 *Orgyia detrita* Bdv. 5 Caterpillar & Chrysalis of the *Orgyia gonostigma* Fab. 6 *Amacodes delphici* Bdv. 7 Caterpillar of the *Amacodes strigata* Bdv. 8 Caterpillar of the *Amacodes indeterminata* 9. *Psyche calycula* Ochs. 10 Parts of the Caterpillar of the *Psyche nitidella*





1. *Chelonia evidens*. Bdv. 2. Caterpillar of the *Chelonia nubilis*. Bdv. 3. Anatomical details of the *Chelonia chrysorhæa*. 4. *Callimorpha lecontei*. 5. *Dicranoura borealis*. Bdv. 6. *Lithosia lutea*. Bdv. 7. *Lithosia luteola*. 8. Caterpillar of the *Lithosia pulchella*. 9. *Platypteryx globulariæ*. Bdv.

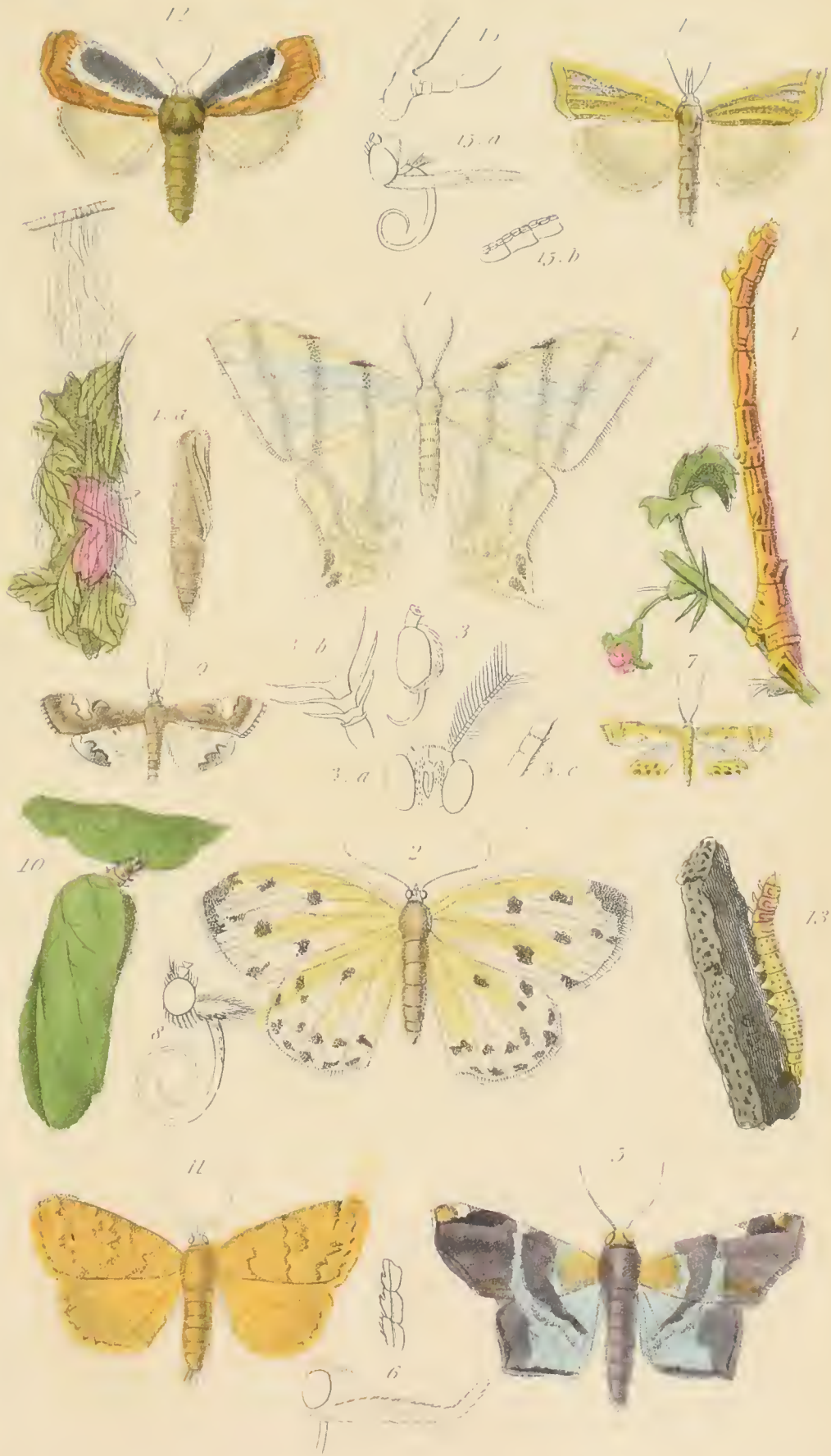
London, G. Henderson, 2. Old Bailey.





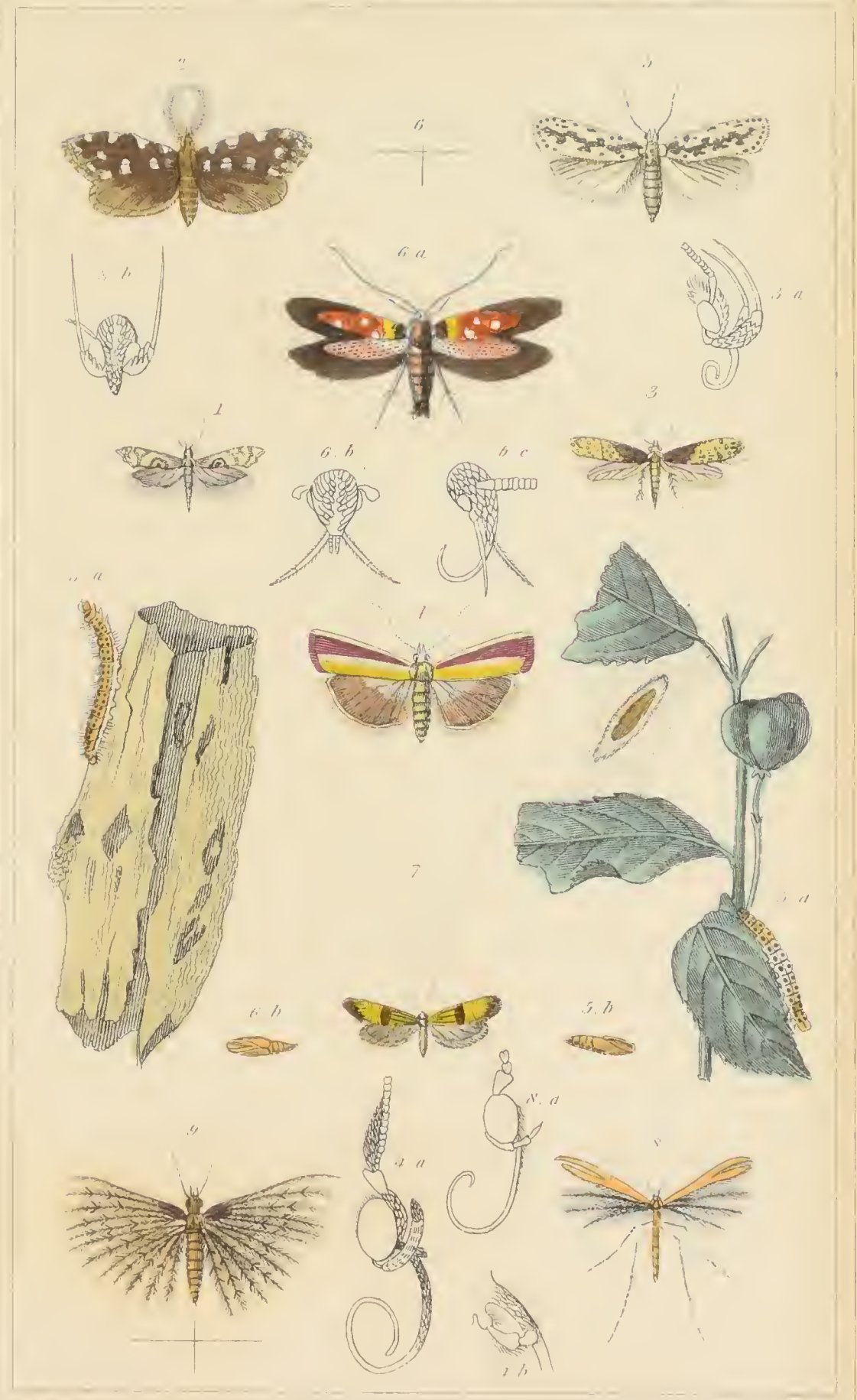
1. *Noctua (Ophideres) Imperator* Bdv. 2. *Erebus Umacina* Bdv. 3. Caterpillar of *Erebus umoptera putrescens* Bdv. 4. Caterpillar & Chrysalis of *Noctua (Catocala) sponsa* Fab. 5. *Pyralis fagana* Fab.





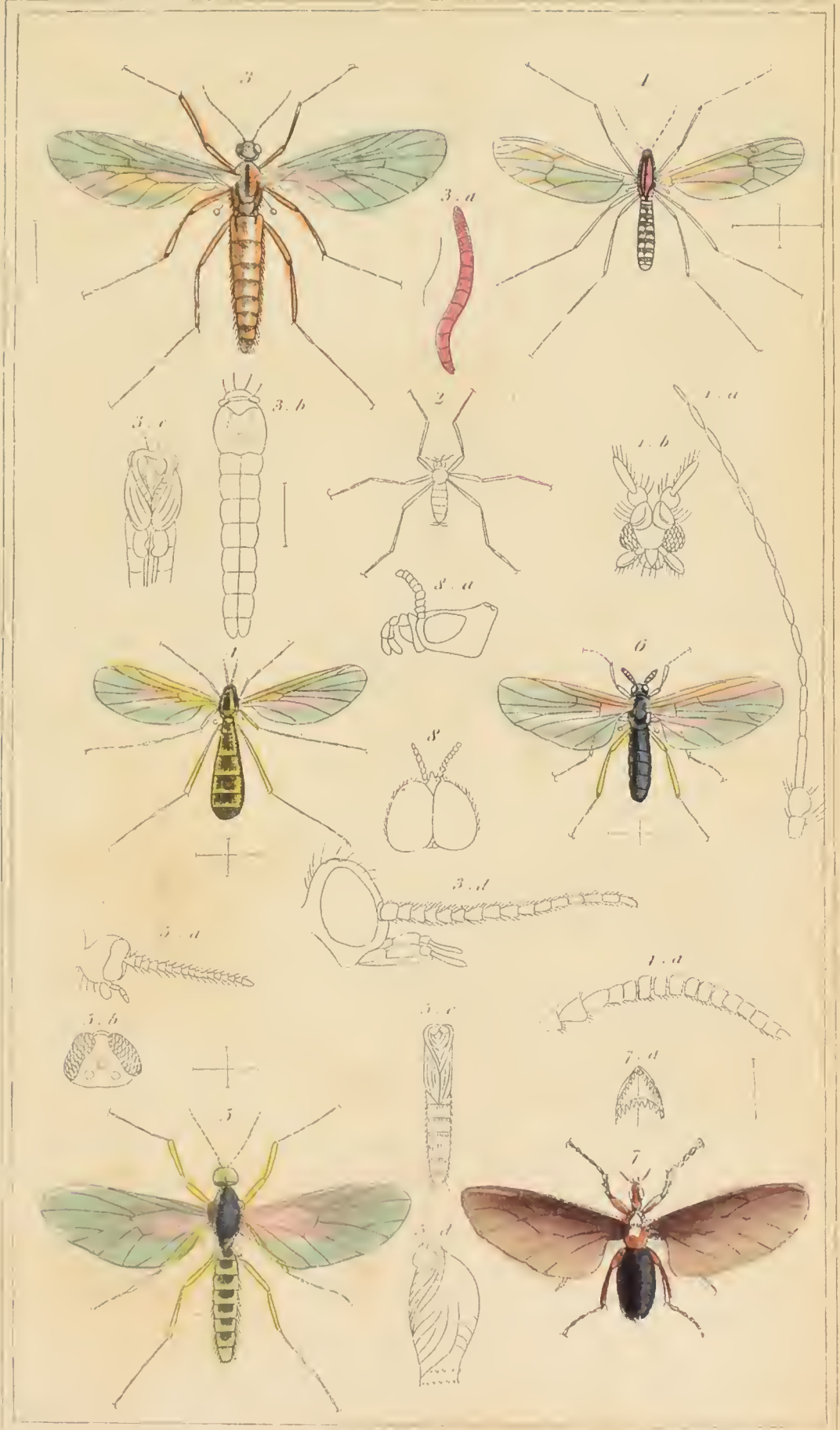
1. *Phalena machaonaria* Bk. 2. *Phalena guttaria* Bdv. 3. Anatomy of the *Phalena favillacea* L. 4. Caterpillar of the *Phalena grossulariata* L. 5. *Herminia sidonia* Cram. 6. Head of the *Herminia crassalis* Fab. 7. *Botys dilucidalis* Bdv. 8. Head of the *Botys rinquialis* Hüb. 9. *Hydrocampe argentea* Edv. 10. Caterpillar of the *Hydrocampe nymphæata* Lat. 11. *Anglossa dilucidalis* Edv. 12. *Galleria cercana* Fab. 13. Caterpillar of the *Galleria colonella* Hüb. 14. *Crambus retusalis* Bdv. 15. Anatomy of the *Crambus radialis* Hüb.





1 *Alucita asperella* Hubn. 2 *Euplocamus anthracinus* Hubn. 3 *Tinea lapidaria* Fab. 3 a *Th. longicornis* Gutt. 4 *Hithia carnea* Latr. 4 a b Anatomy of *H. pugnax* tort. 5 *Yponomeuta pusilla* Hub. 5 a b Caterpillar & Chrysalis of *Y. plumbella* H. 6 *Acrophora laricella* Gutt. Caterpillar & Chrysalis of *Ac. maricella* Hub. 7 *Adela praecoxella* Fab. 8 *Pterophorus* ... Hub. 8 a Head of *Pter. spilotactylus* tort. 9 *Oncodes hexadactylus* Latr.

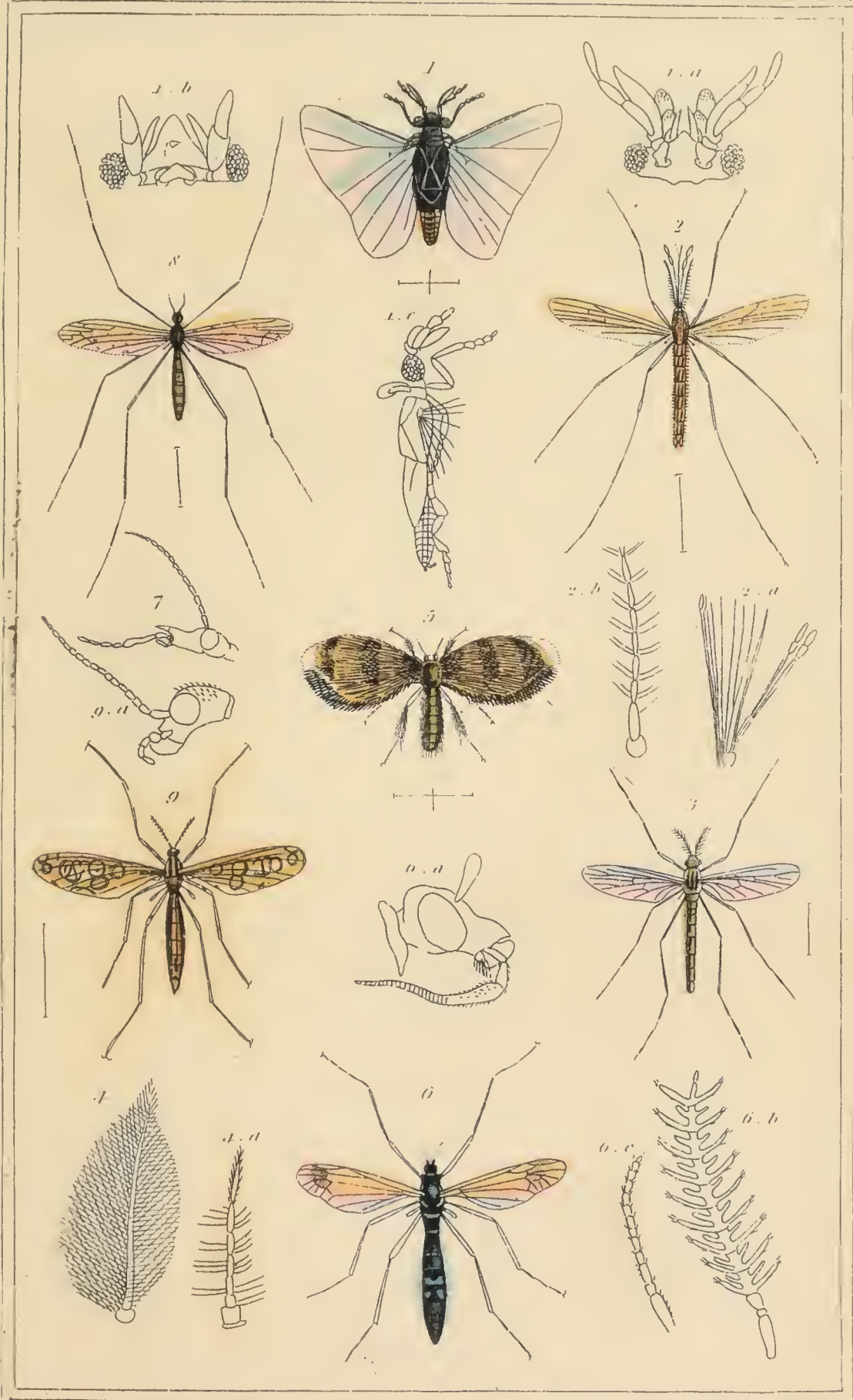




1 *Dixa nebulosa*, Meig. 2 *Chirona araneoides*, Latr. 3 *Rhyphus fenestralis*, Scop.
 4 *Platyna flavipes*, Meig. 5 *Mycetobia thoracica*, Latr. 6 *Simulium ornatum*, Meig.
 7 *Dilophus thoracicus*, Latr. 8 Anatomical details of the *Bibio venosus*, Meig.

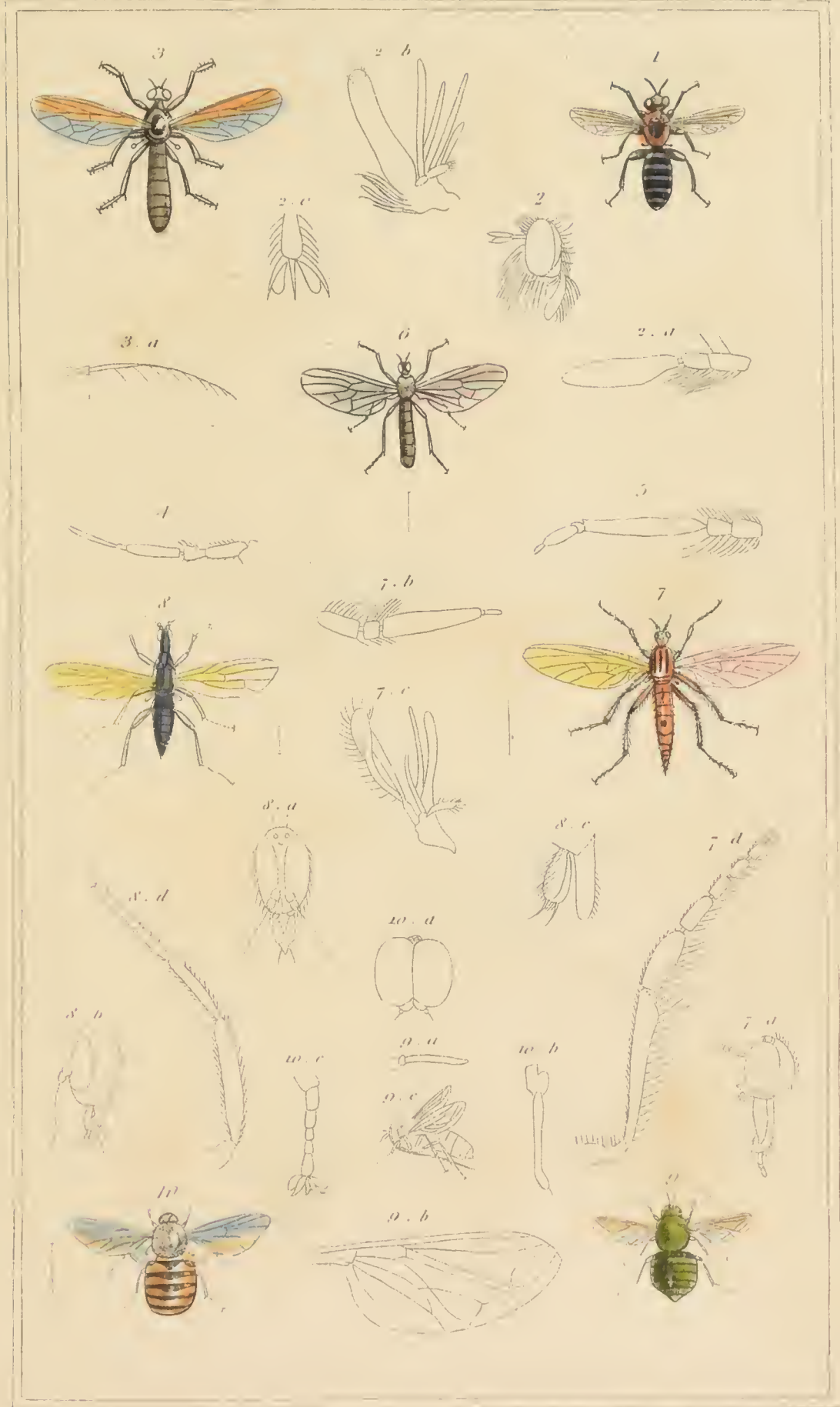
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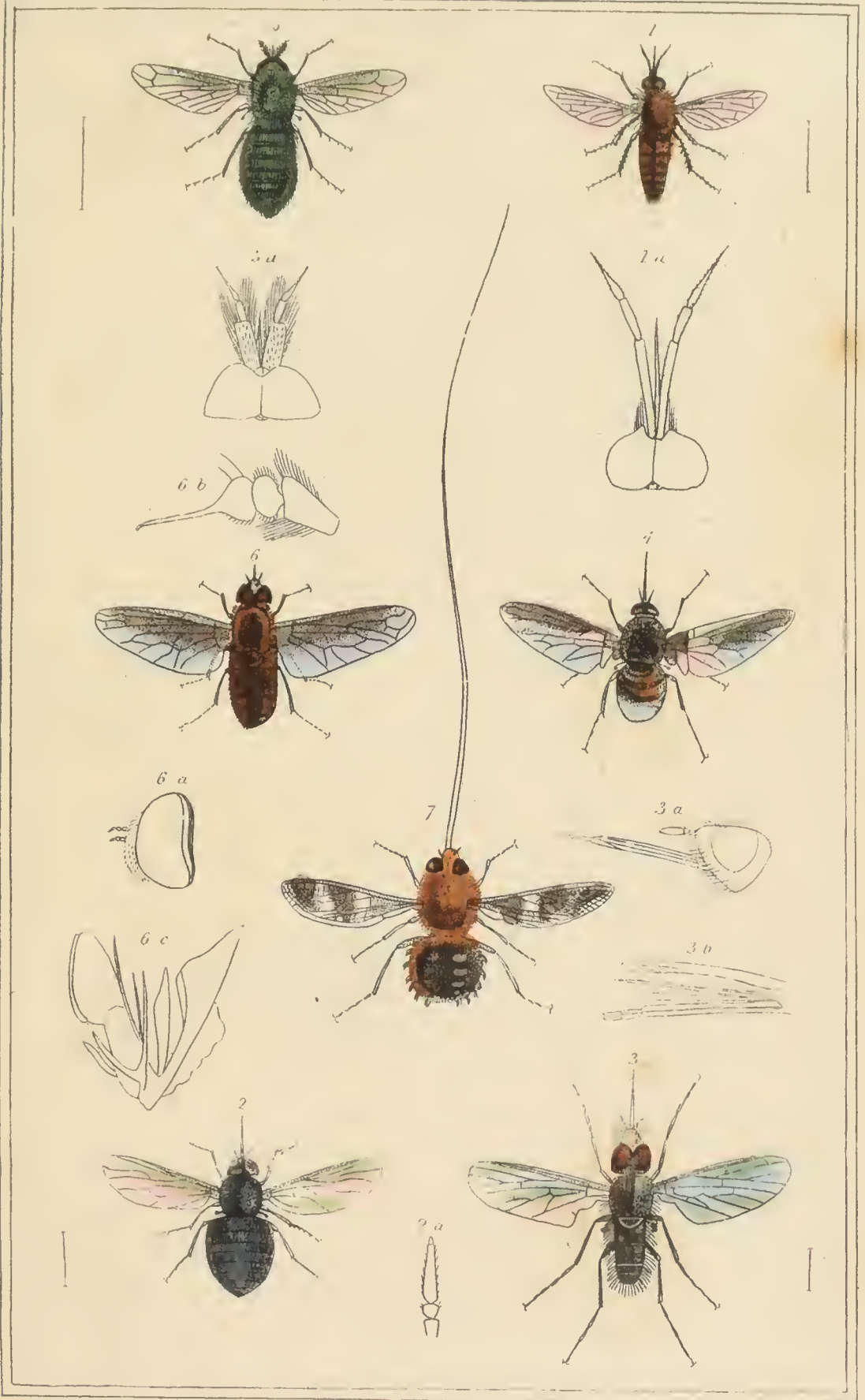


1. *Stelops Dali*. Curt. 2. *Anopheles bifurcatus*. L. 3. *Corethra plumicornis*. Meq. 4. Antenna of the Chironomus. 5. *Psychoda palustris*. Meq. 6. *Ctenophora festiva*. Meq. 7. Head of the Tipula. 8. *Rhipidia maculata*. Meq. 9. *Limnobia ocellaris*. L.

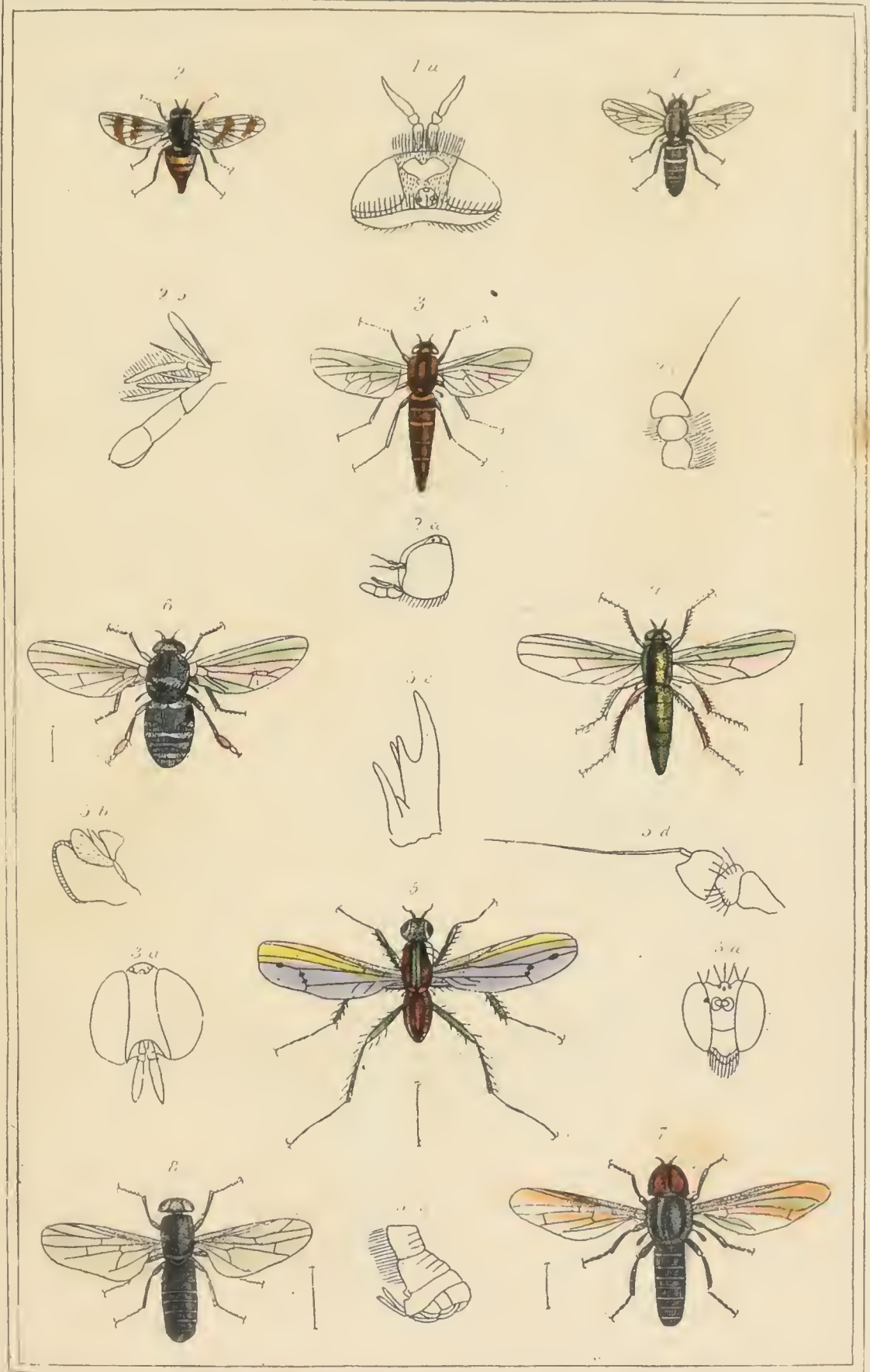




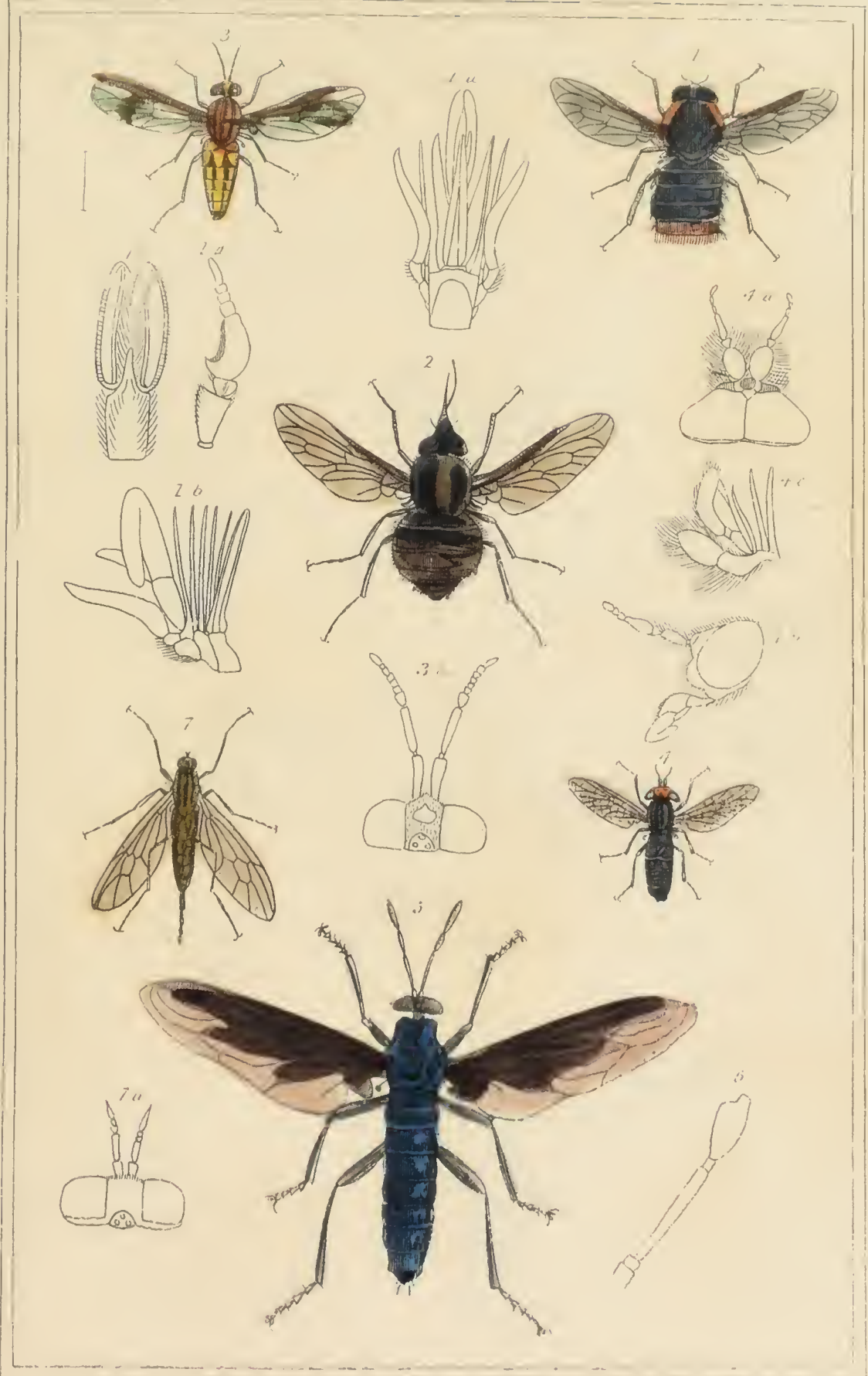
1. *Laphria hirticornis*. Lucr. 2. Anatomical details of the *Laphria nora*. Meig. 3. *Onamatus conopsoides*. Wied. 5. Antenna of the *Dasygogon*. 6. *Hybos flavipes*. Macq. 7. *Rhamphomyia pennata*. Macq. 8. *Tachydromyia sicus arrogans*. Lin. 9. *Parapsylla tigris*. Wied. 10. *Ogeodes gibbosus*. Meig. 4. Antenna of the *Asilus*.



1. *Toxophora americana*, Serv. 2. *Hsia cenca*, Lat. 3. *Phthiria pulicaria*, Meig. 4. *Bombylius tricolor* Guér. 5. *Ploas lusitaniae* Guér. 6. *Anthrax aurantiaca* Guér. 7. *Nemestrina tenuirostris* Wied.

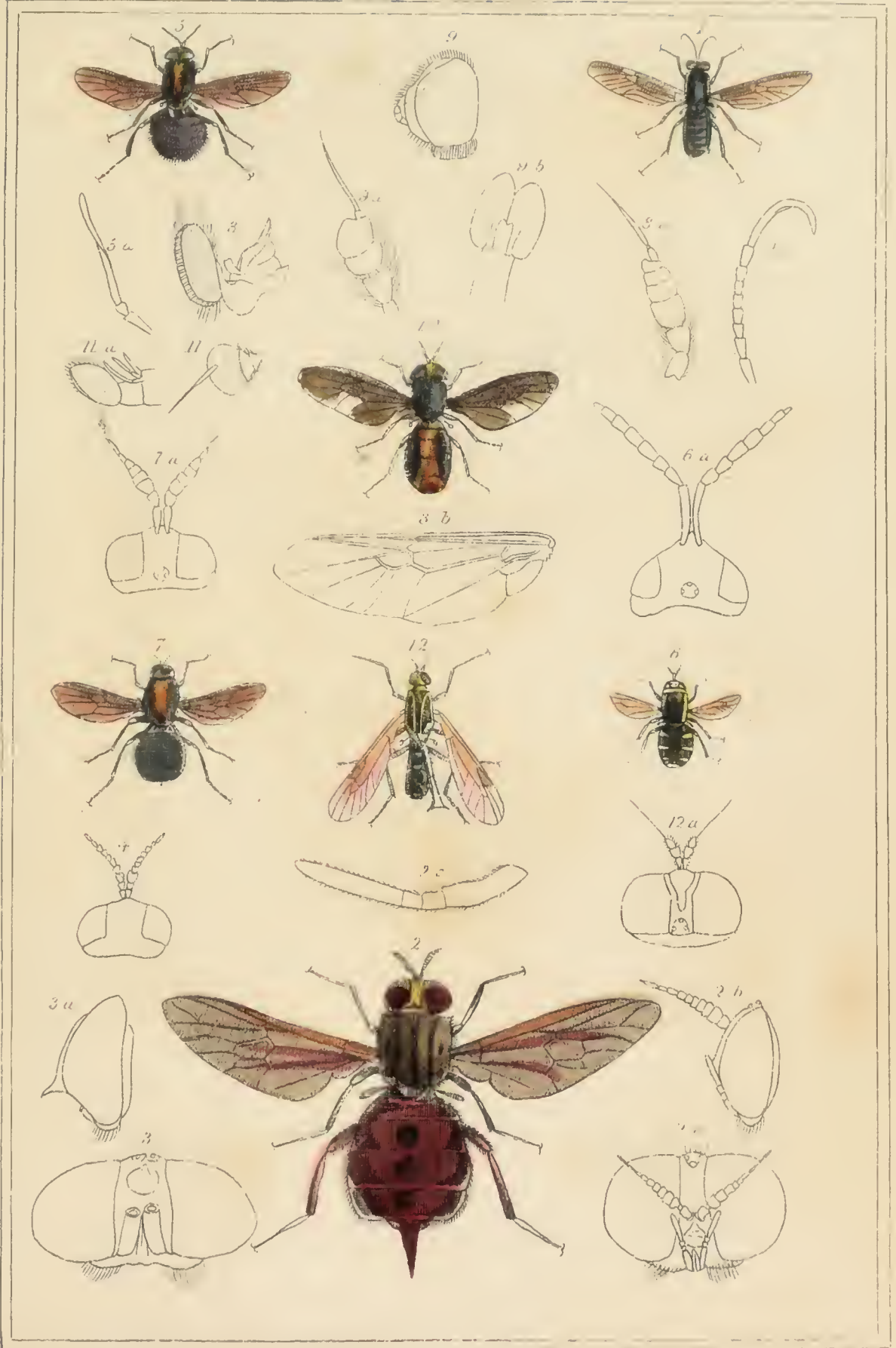


1 *Thereva confinis* Meig. 2 *Atherix ibis* Meig. 3 *Lepus Servillii* Guér. 4 *Dolichopus unguulatus* Fab. 5 *Medeterus notatus* Fab. 6 *Platypeza sophia* Lepel. 7 *Pipunculid campestris* Meig. 8 *Scenopinus fenestralis* Fab.



1. *Tabanus laevis* Guér. 2. *Pangonia nigripennis* Guér. 3. *Chrysops modestus* Guér. 4. *Hematopota costaricana* Guér. 5. *Mydas bohariensis* Serv. 6. Ant. *nivea* of the *Cephalocera*. 7. *Chrysopa vittata* Wied.

Londra: Hoole, 1829. 2. Old Insty.



1. *Hermetia singularis* Guer. 2. *Acanthomera Serpillae* Guer. 3. Head of the *Acanthopora* Weid. 4. Head of the *Boris*. 5. *Cyphomyia aurithanna* Weid. 6. *Stratiomys crenatus* Serpillae. 7. *Ephippium thoracicum* Lat. 8. Anatomical details of the *Oxyera*. 9. Anatomical details of the *Sargus Reaumurii* Meq. 10. *Chrysochlora hirticornis* Weid. 11. Anatomical details of the *Vappo*. 12. *Diernophora fuscicornis* Weid.

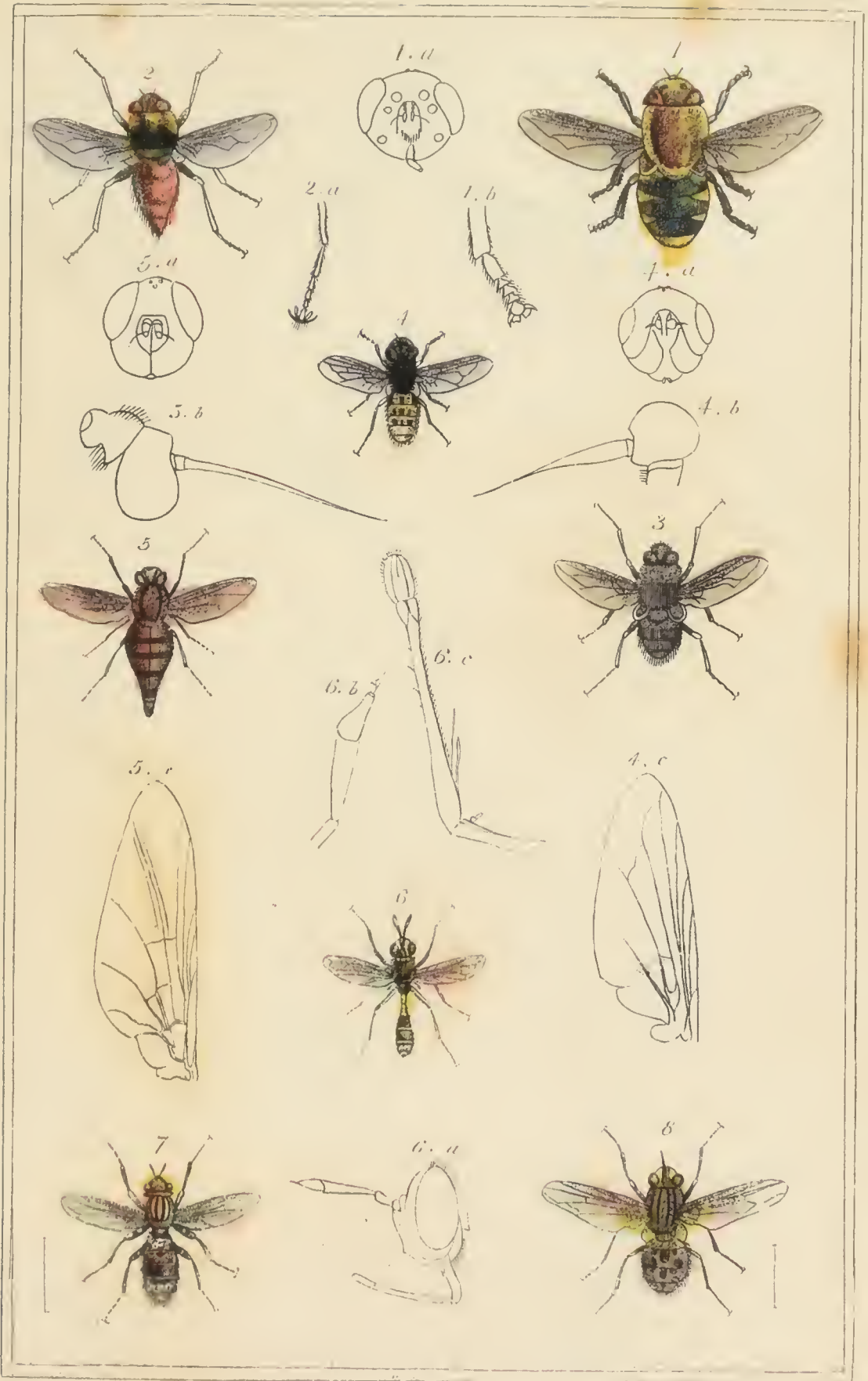


1 *Volucella bombylans* Meig 2 *Helophorus diluvius* Latr 3 *Syrphus scutellaris* Latr 4 Anatomical details of the *Syrphus (serris) unicolor* Curt 5 *Paragus buchei* Lat 6 *Chrysotoxum armatum* Meig 7 *Cera Conopsoides* Meig.

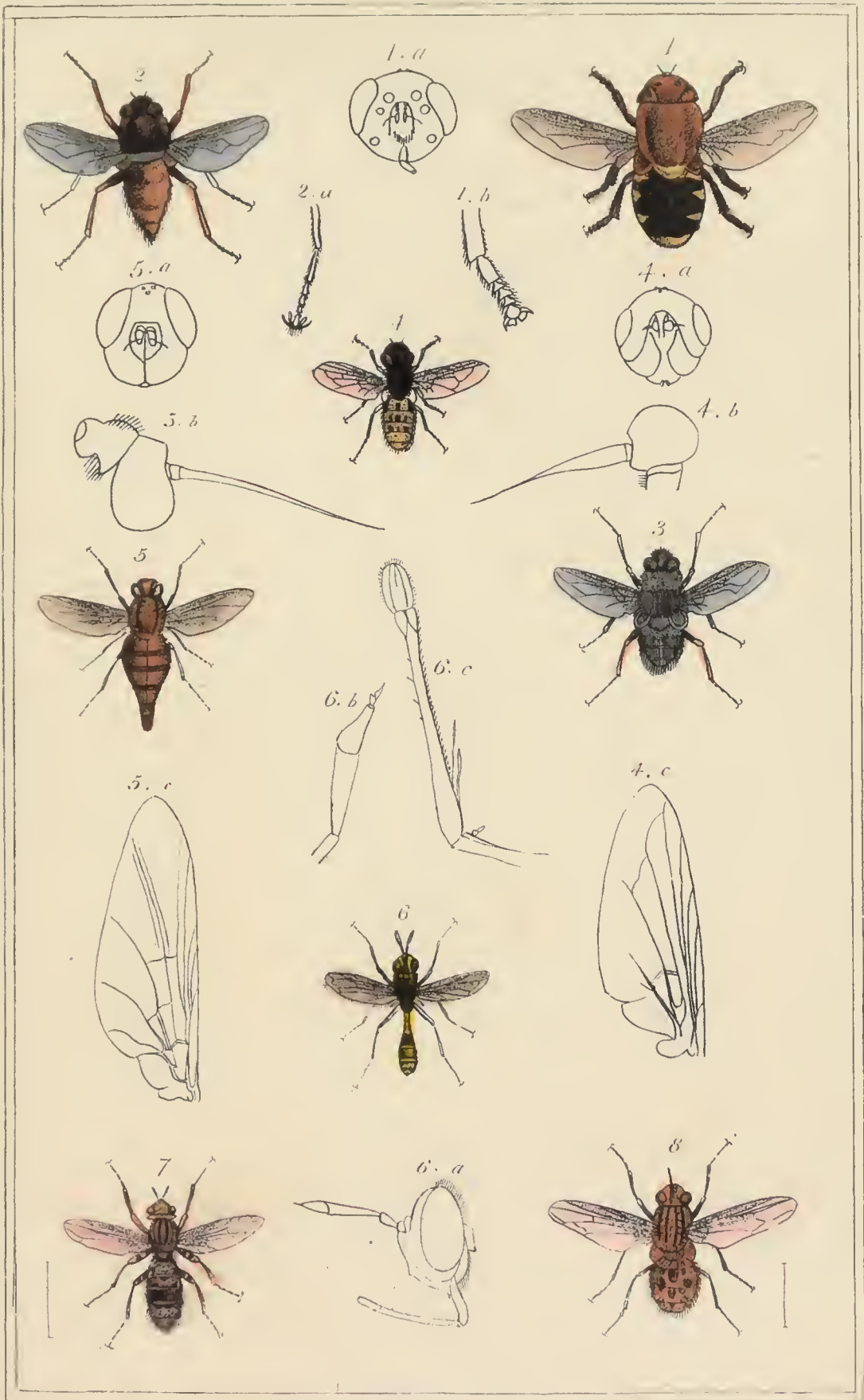
London & Hendon: J. & C. P. B. & Co.



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



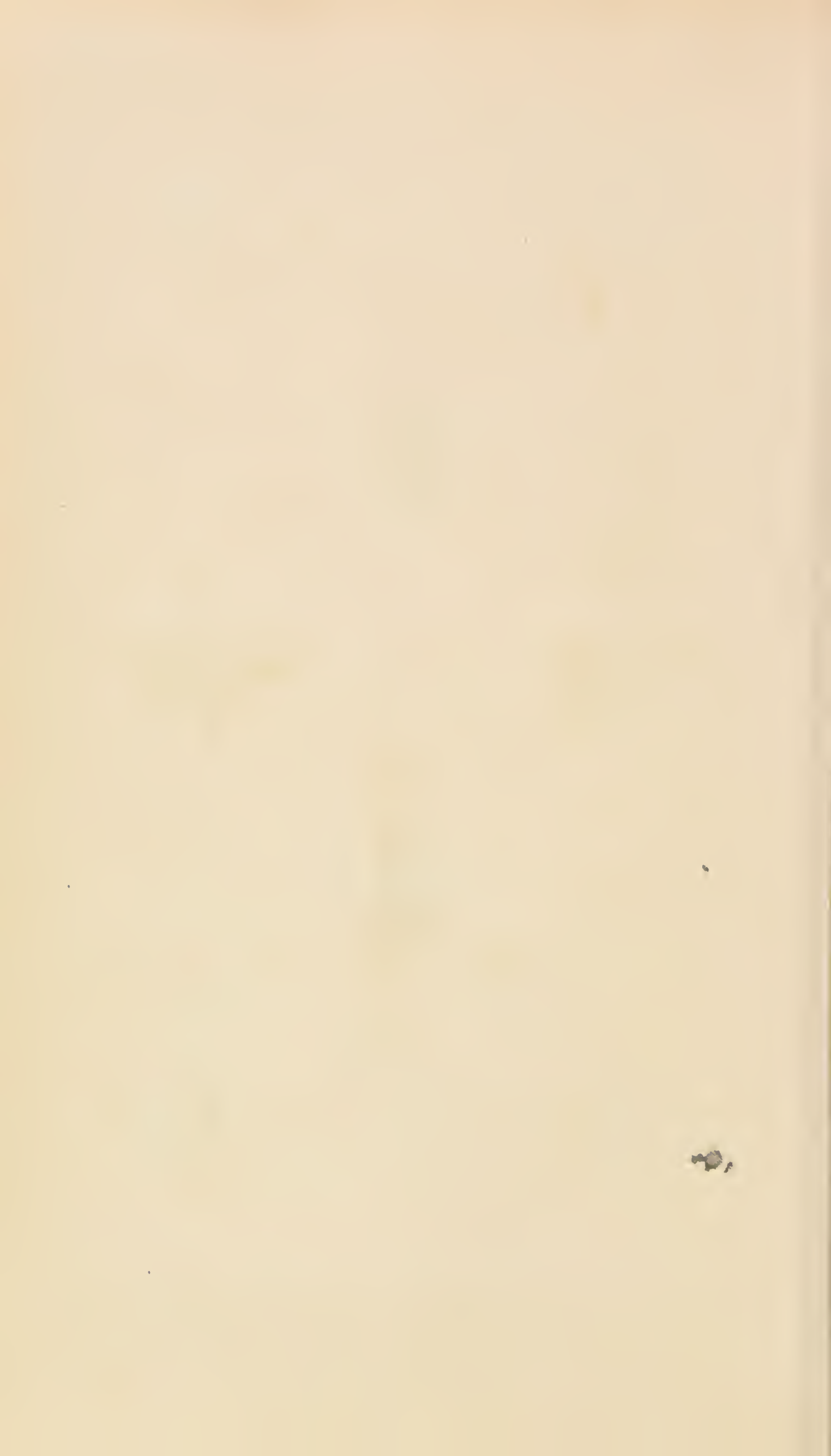
1 *Cuterebra apicalis* Guer. 2. *Edemagena turandi* L. 3. *Hypoderma bovis* F. 4 *Cephalomyia eris* L.
 5 *Astrus equi* L. 6. *Conops rufipes* F. 7. *Myopa variegata* Meig. 8 *Stomoxys calcitrans* L.

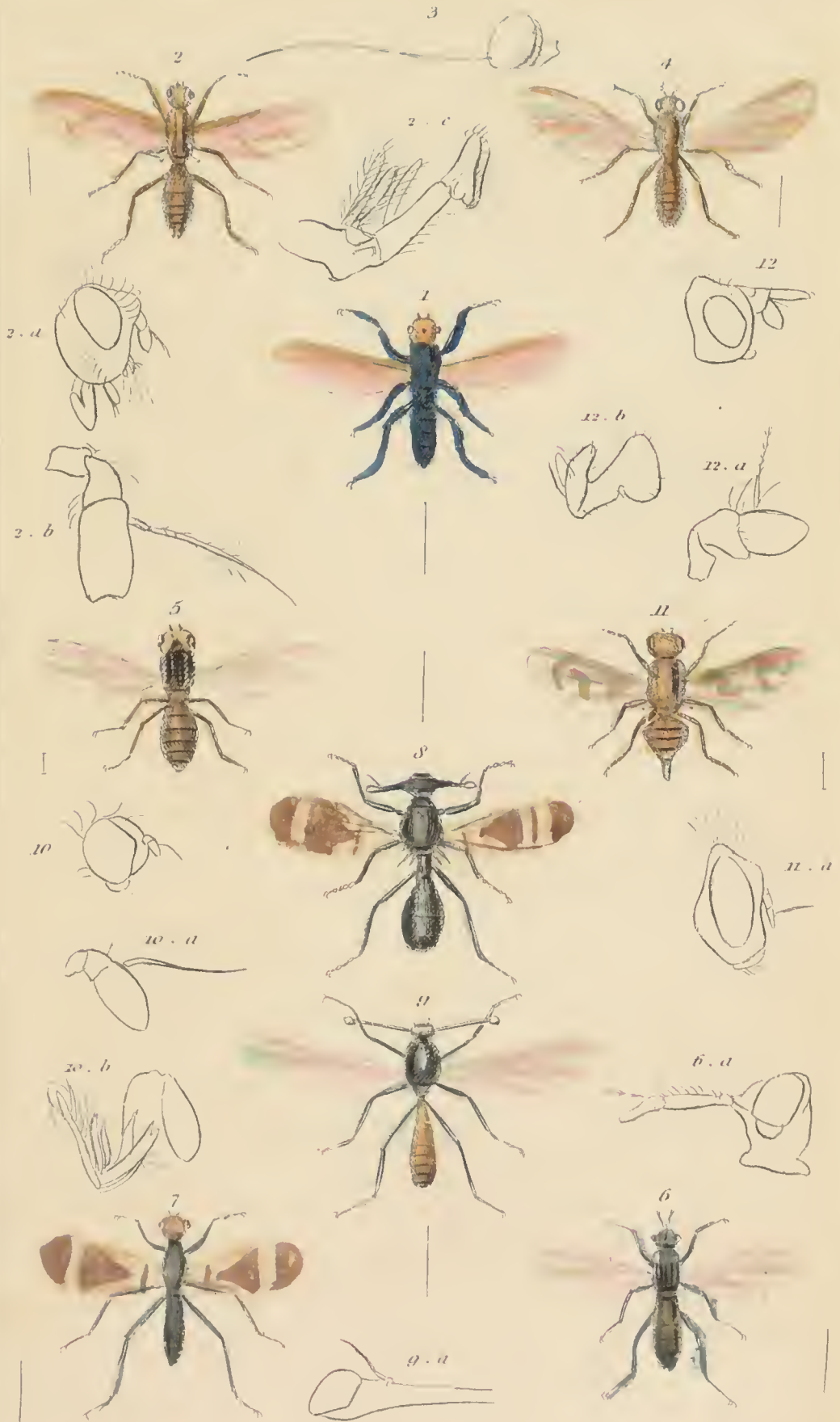


1 *Cuterebra apicalis* Guer. 2. *Edemagena tarantuli*. L. 3. *Hypodermia bovis*. F. 4. *Cephalomyia ovis*. L. 5. *Astrus equi*. L. 6. *Conops vulipes*. F. 7. *Myopa variegata*. Meig. 8. *Stomoxys calcitrans*. L.

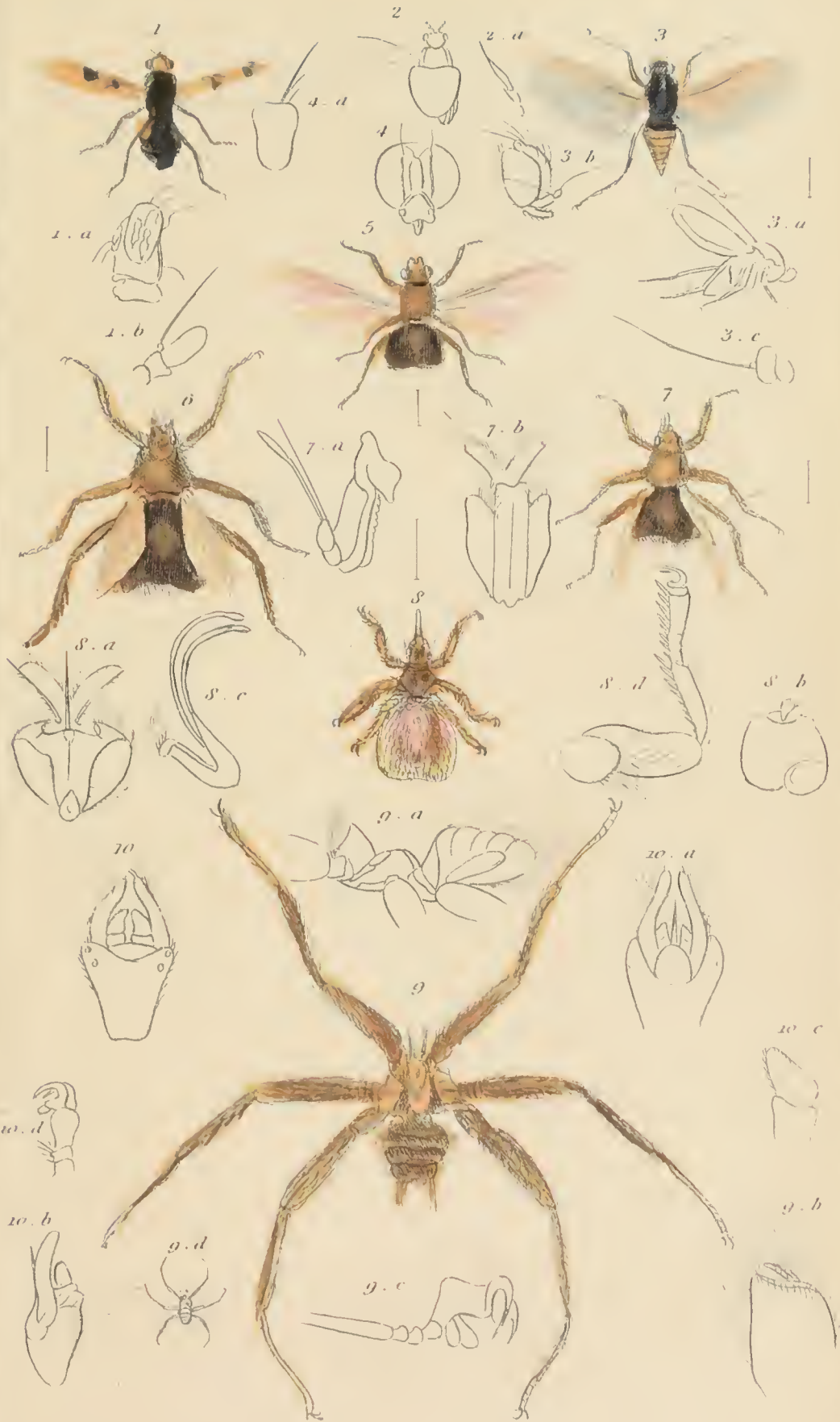


1. *Echynomyia grossa*, Fab. 2. *Gymnosoma rotundata*, Fab. 3. *Mitogramma punctata*, Meig. 4. *Phasia brachyptera*, Meig. 5. *Lucilia mirabilis*. 6. *Calliphora vomitoria*, L. 7. Head of the *Achias oculatus*. 8. *Lispe tentaculata*, Meig. 9. *Anthomyia pluvialis*, L. 10. *Ephydra rufitarsis*, Mayr
 11. Anatomical details of the *Ephydra Spilota* Hal.

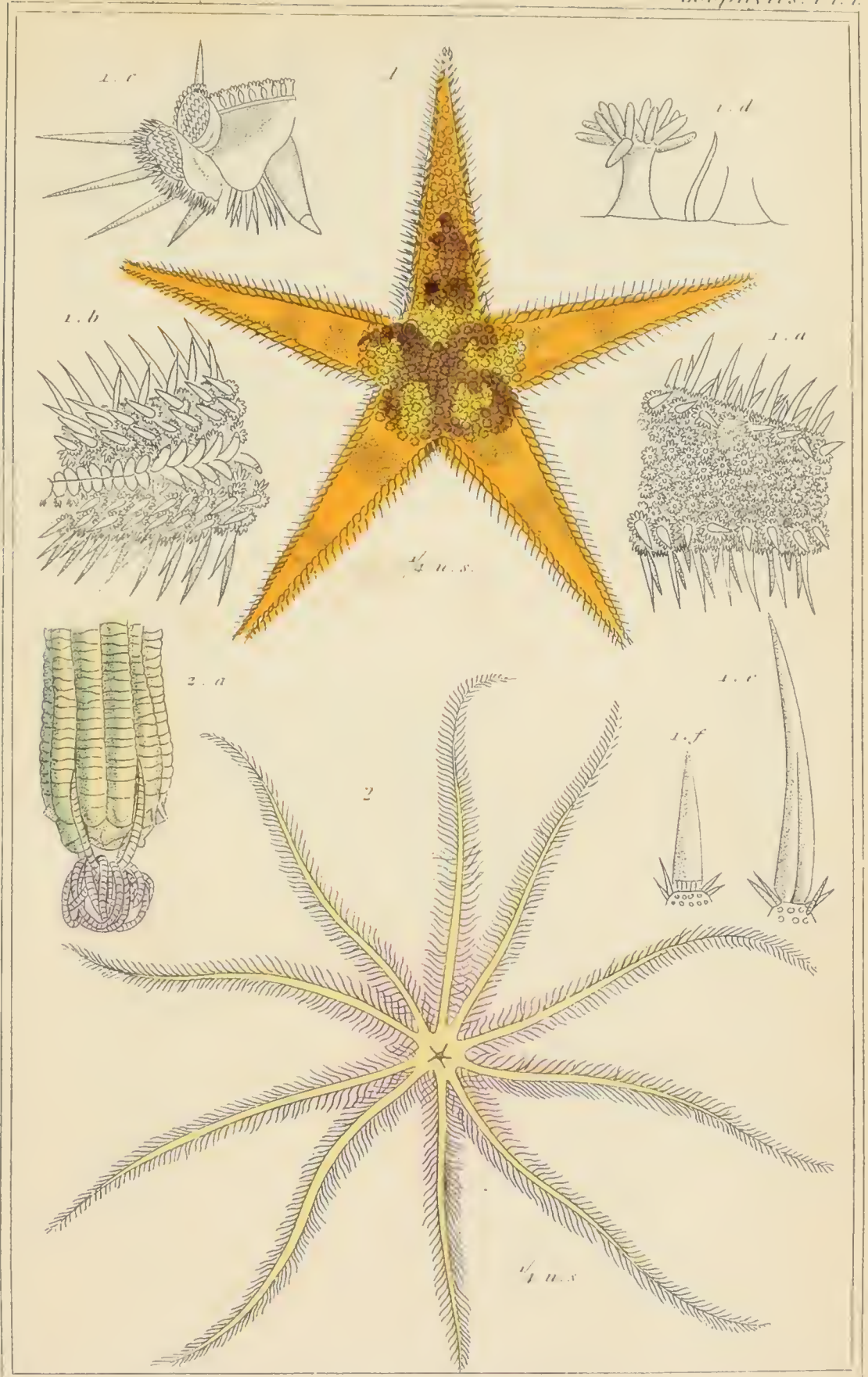




1. *Thyreophora cyuophila*. *Panz.* 2. *Scatophaga Stercoraria*. *L.* 3. Antenna of the *Spharocera*
 4. *Supronyza brunitarsis*. *Macq.* 5. *Oscinis (chlorops) hypostigma*. *Macq.* 6. *Sepedon spha-*
geus. *Eab.* 7. *Calobata (tanioptera) ruficeps*. *Guer.* 8. *Diopsis fasciatus*. *Guer.* 9. *Diopsis atric-*
apillus. *Guer.* 10. Anatomical details of the *Sepsis annulipes*. *Macq.* 11. *Tephritis* *liqua*. *Guer.*
 12. Anatomical details of the *Tephritis cornuta*. *Fab.*



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



1. *Asterias aurantiaca*. Lin.

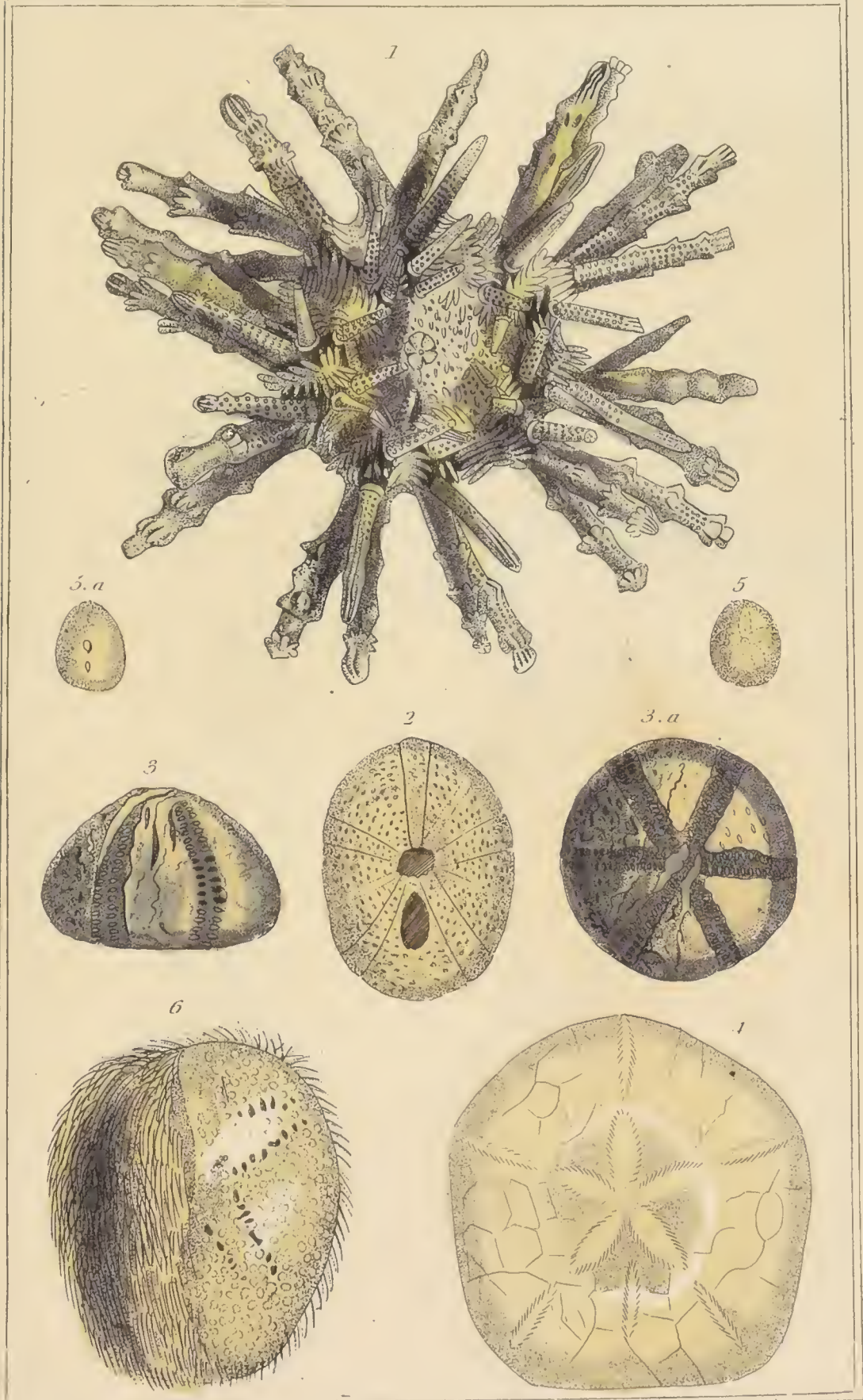
2. *Comatula carinata*. Lam.



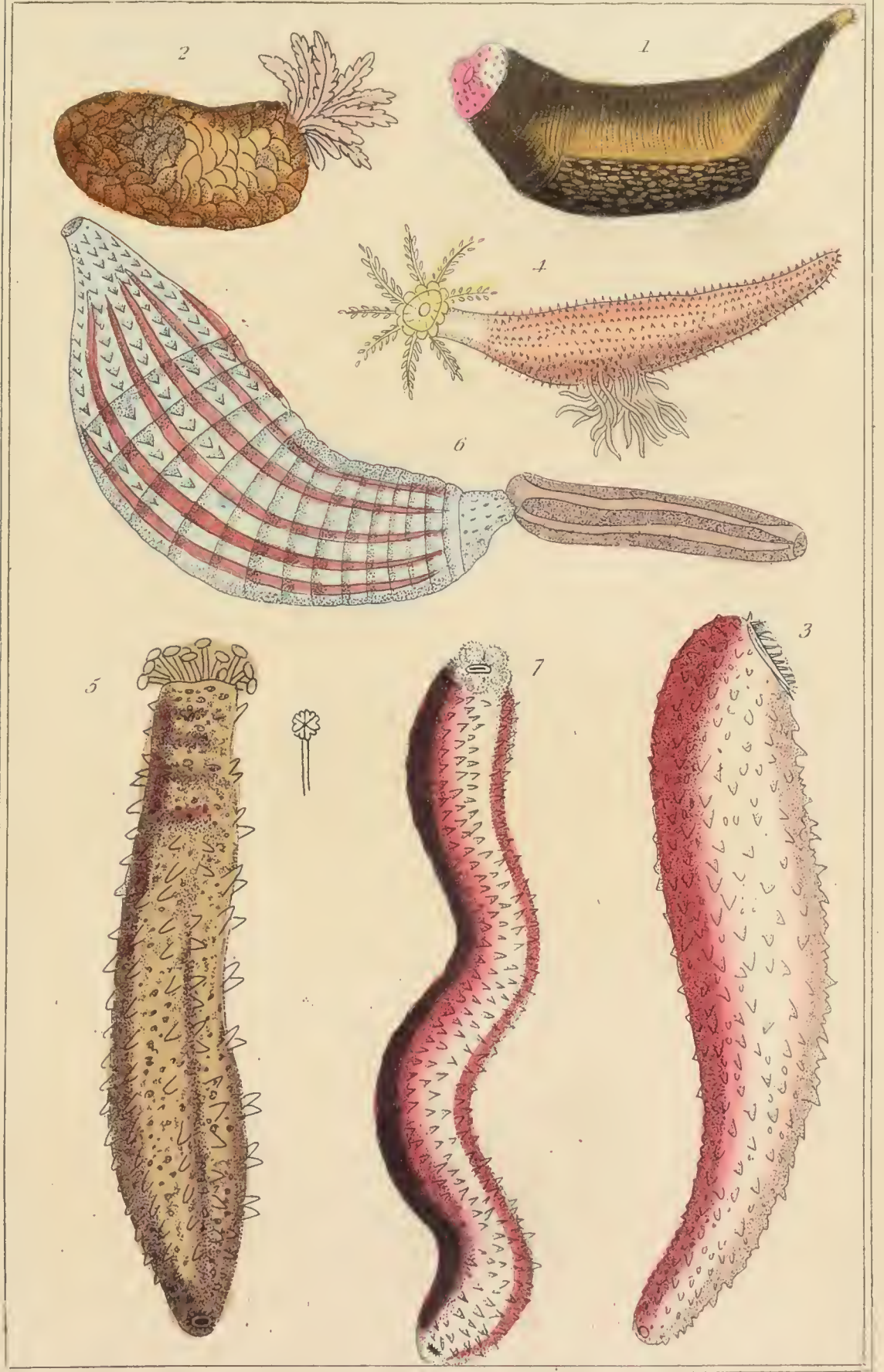
1. *Echinus esculentus*, Lin. 2. & 3. *Floriceps saccata*, Cuv.

4. *Stephanomia uvaria*, Les

London, G. Henderson, 2. Old Bailey.

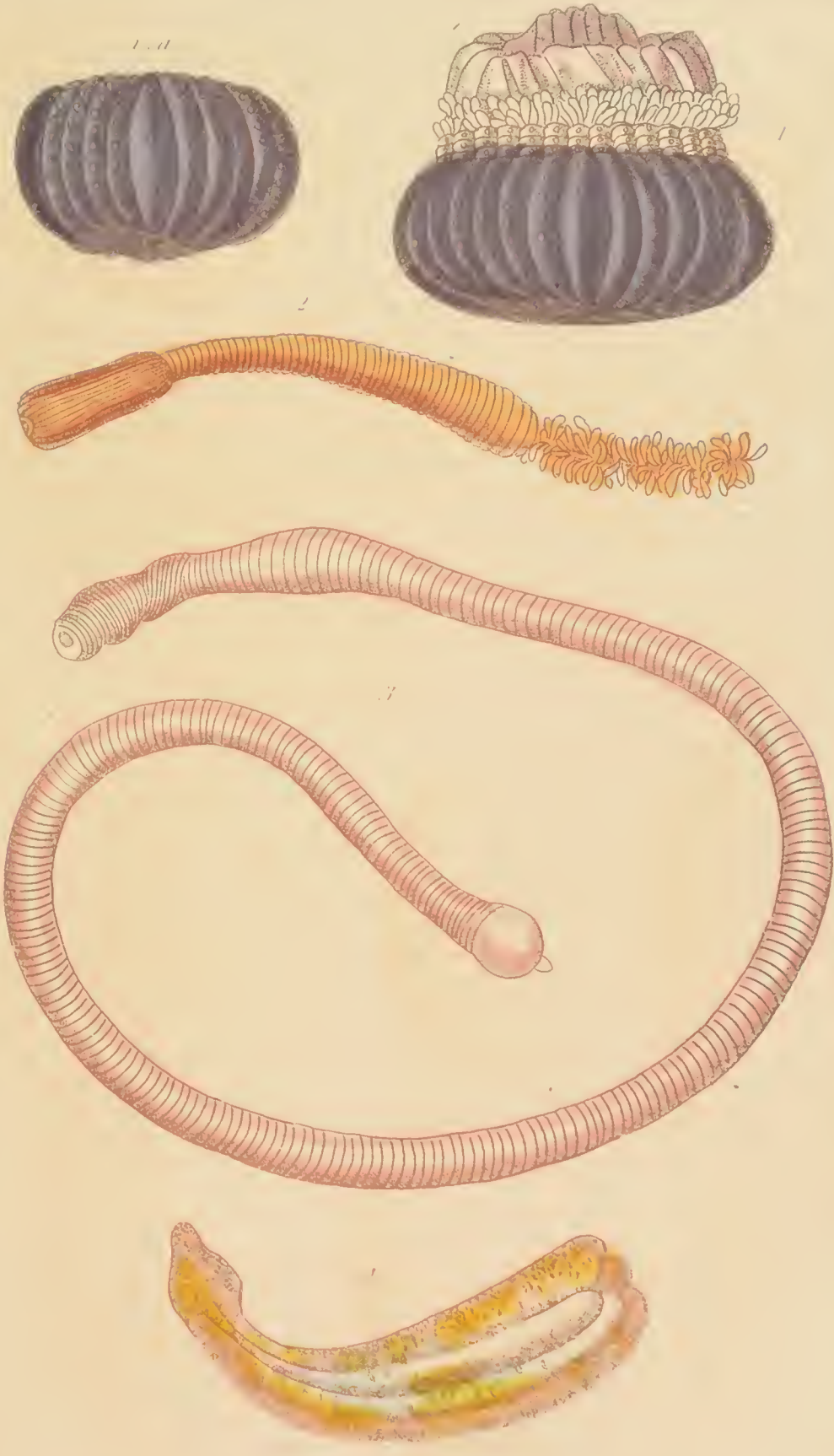


1 *Echinus verticillatus* Lam. 2 *Echinoneus semilunaris* Lam. 3 *Galerites scurfasciatus* Lam.
 4 *Scutella herapora* Lam. 5 *Fibularia oculum* Lam. 6. *Spatangus pilosus* Val.

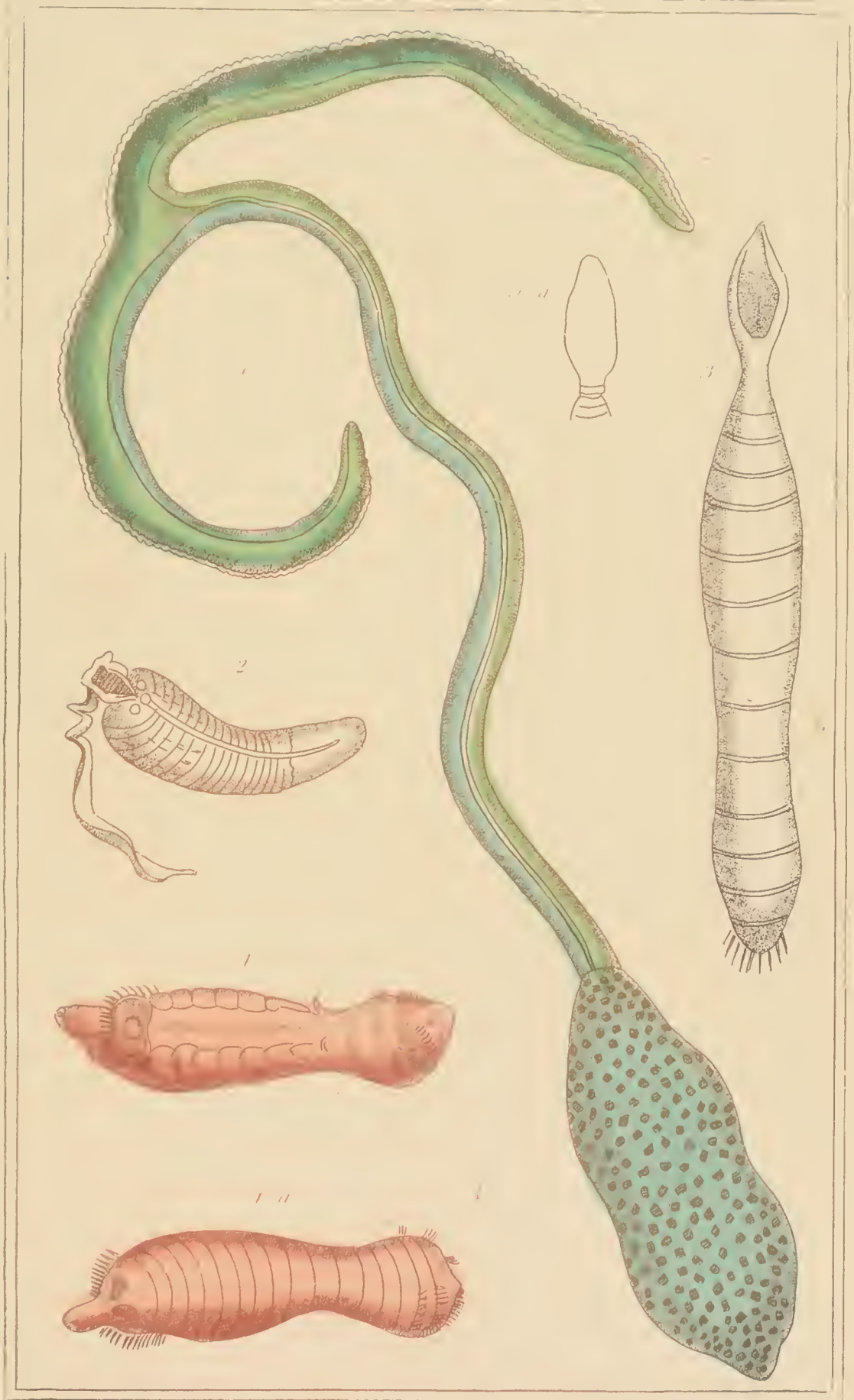


1. *Holothuria phantopus*. Im. Mull. 2. *Holothuria squamata*. Mull. Civ. 3. *Holothuria elegans*. Mull. Civ. 4. *Holothuria fusus*. Mull. 5. *Holothuria cucumer*. Rosso. 6. *Holothuria vacuaria*. Less. 7. *Holothuria edulis*. Less.

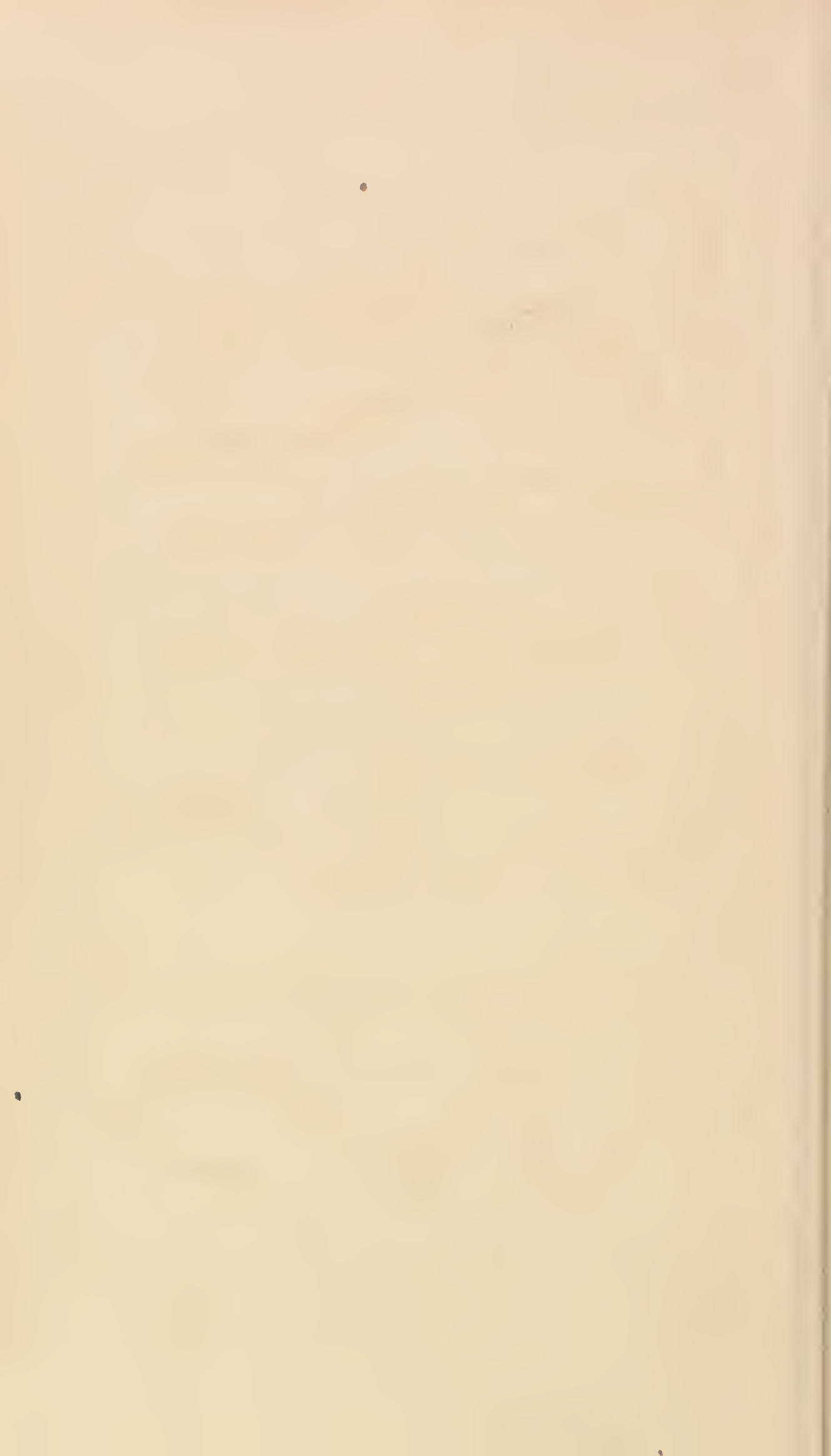
London, G. Henderson, 2. Old Bailey.

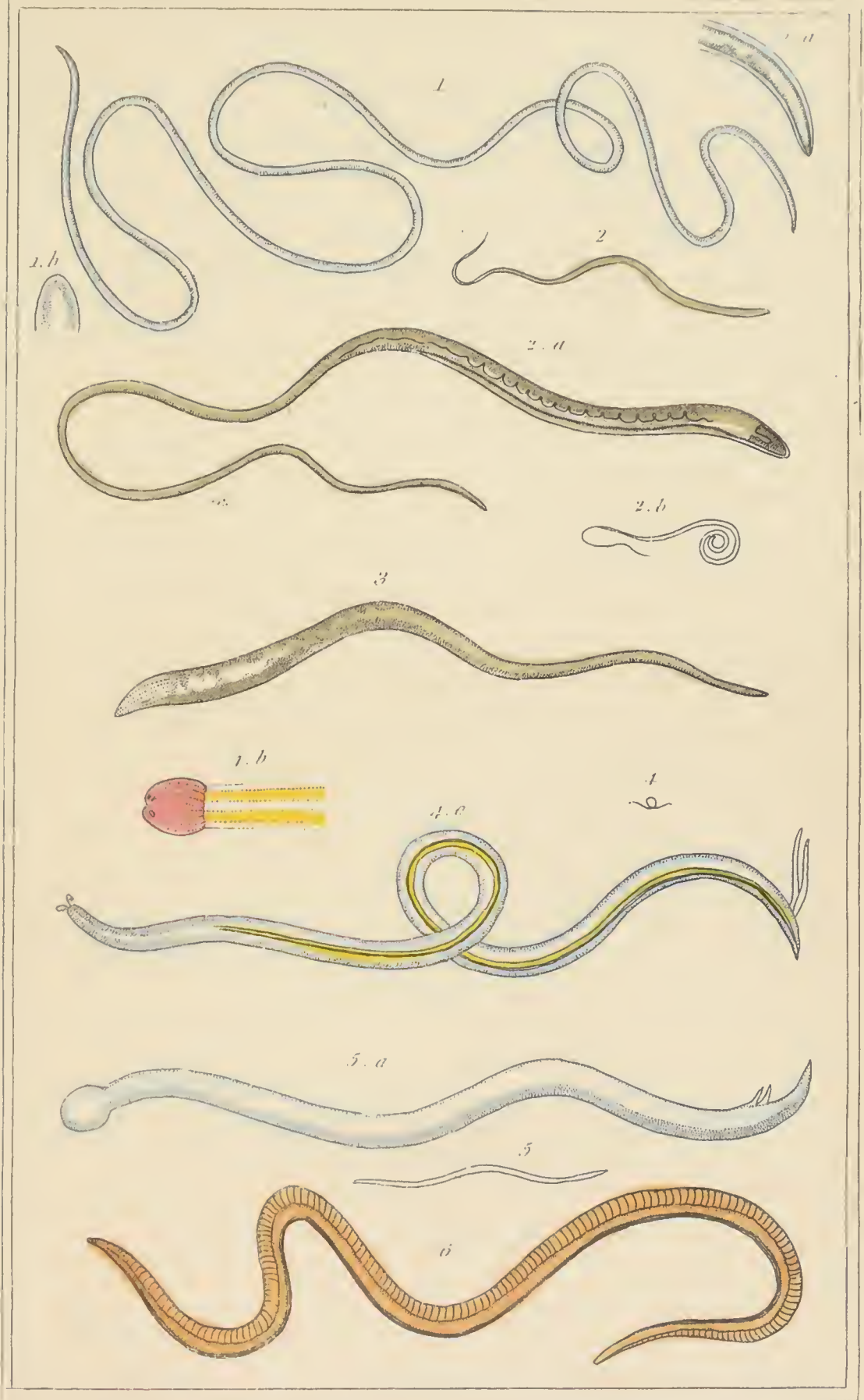


1. *Minyas cyanea*. 2. *Priapula caudata* Lam. 3. *Sipunculus edulis* Pallas. 4. *Sipunculus tunicatus* Br.



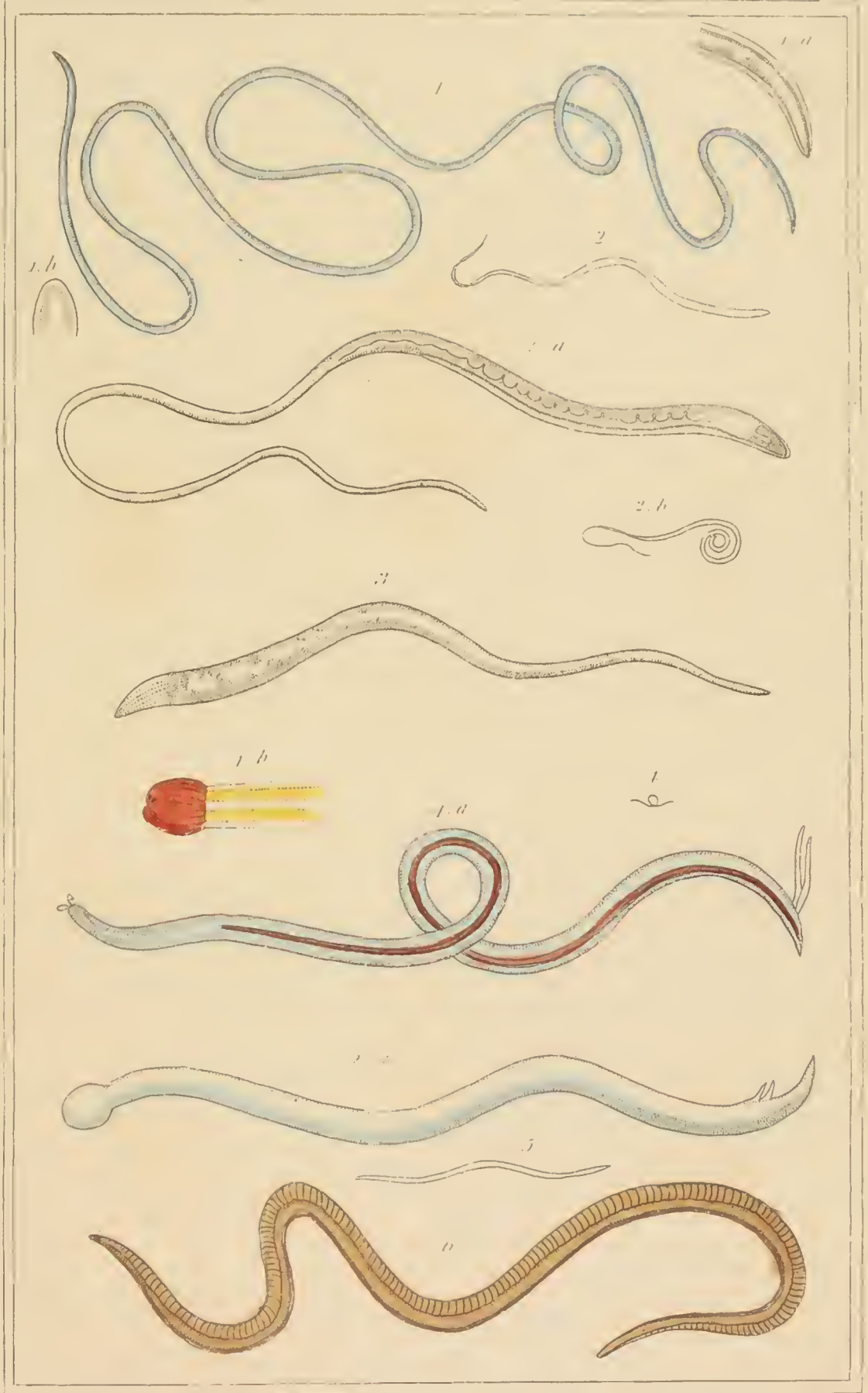
1. *Bonellia viridis* Ret. 2. *Thalassena neptuni* Gortals. 4. *Thalassena*, Pallas
 3. *Echiurus* Pallasii, Kob. 5. *Echiurus* (sic Pallas). 4. *Sternaspis thalassenioides* (Ohr)



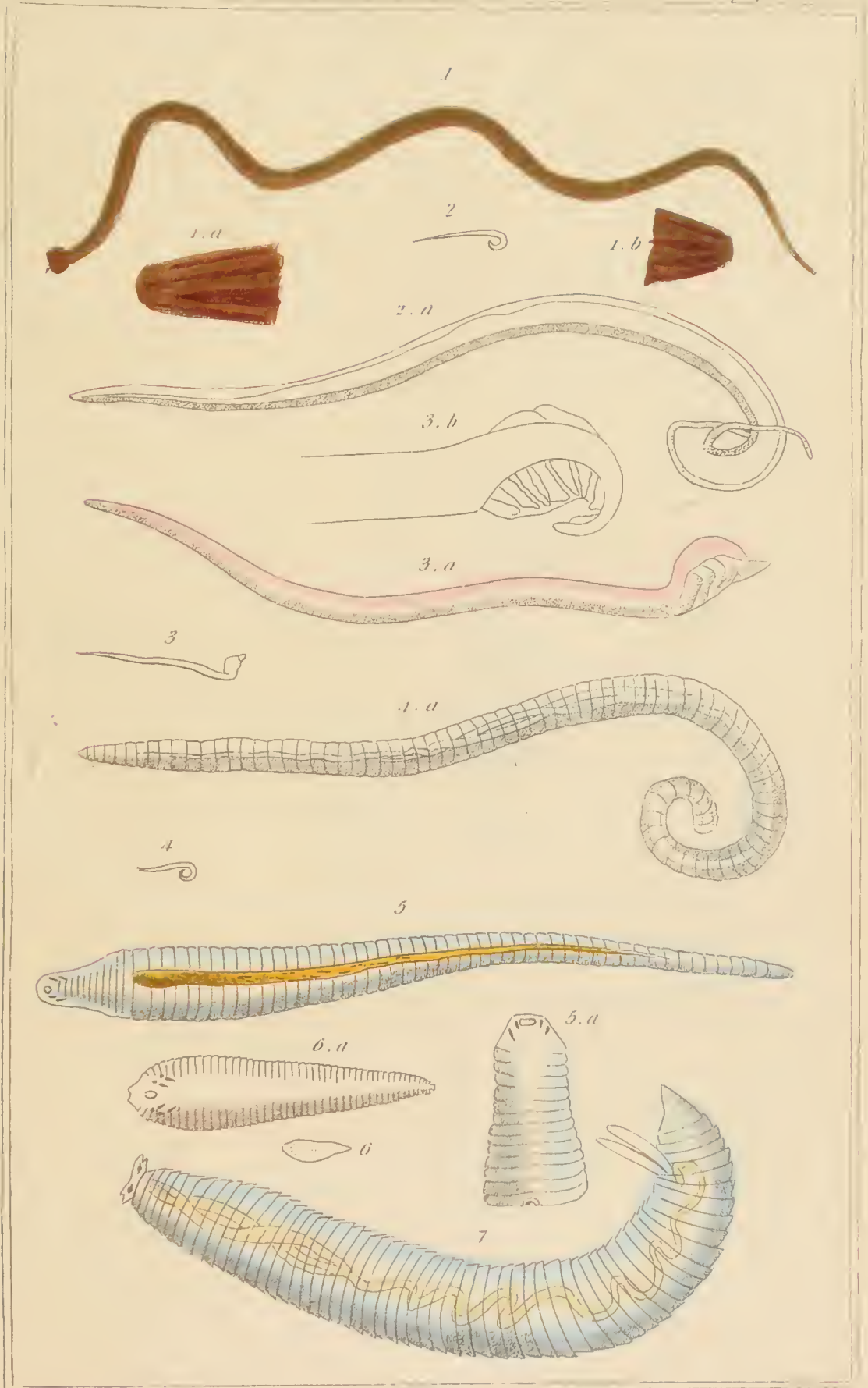


1. *Filaria medicinis*, Lin. 2. *Tichocephalus dispar*, Rud. 3. *Oxyurus curvula*, Rud. 4. *Cucullanus elegans*, Rud. 5. *Ophiostoma spirocephala*, Rud. 6. *Ascaris lumbricoides*, L.





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

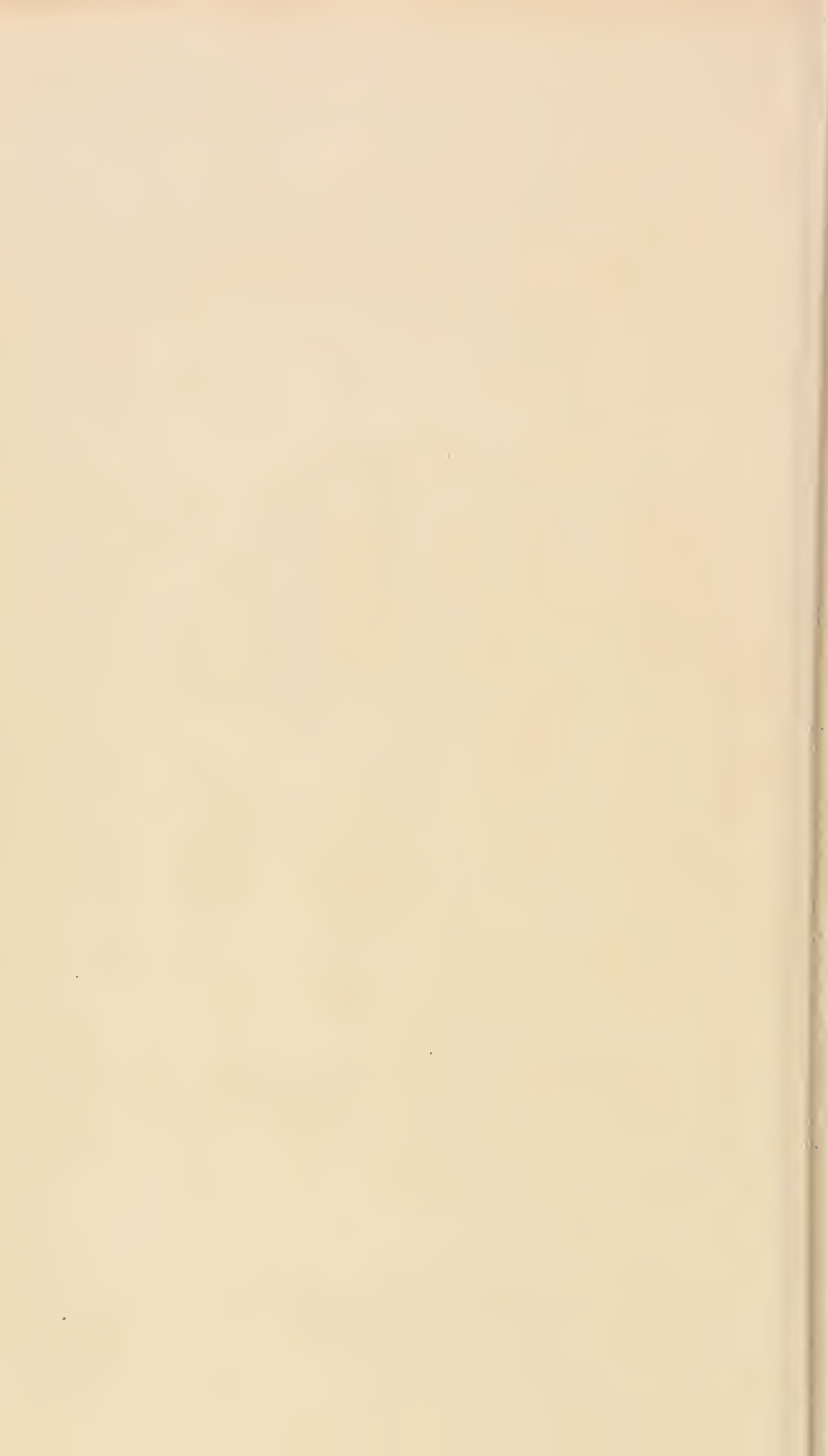


1. *Strongylus gigas* Rud. 2. *Spirapterus sturugiinus* Rud. 3. *Physalopterus clausus* Rud.
 4. *Liorhynchus denticulatus*. R. 5. *Linguatula tarboides*. R. 6. *Linguatula*. ('Cuv netes')
 7. *Prionoderma ascaroides*. Rud.





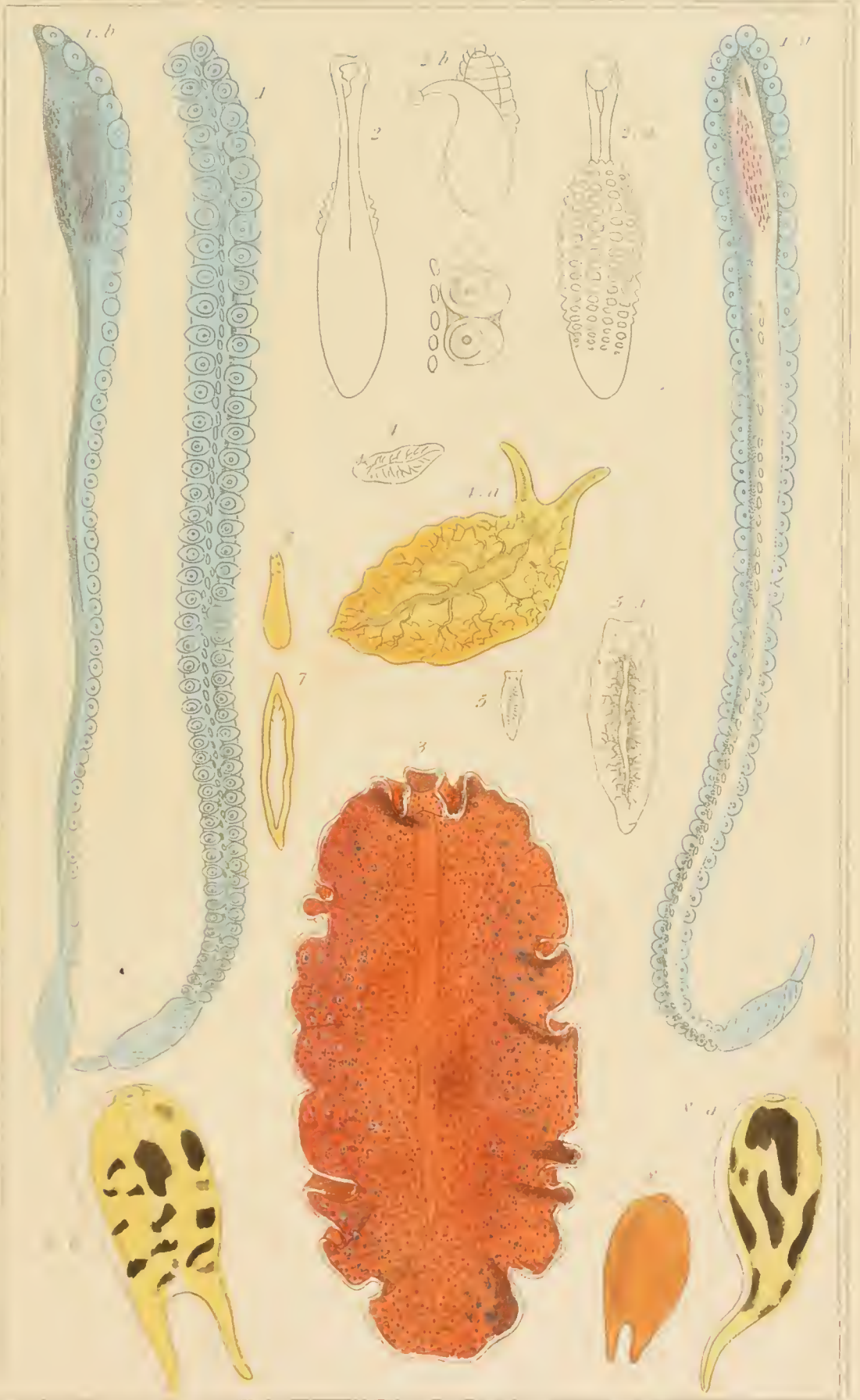
1 *Lernaea branchialis* Linn 2 *Lernaea multicaulis* Sw 3 *Penella filosa* Gmel 4 *Siphonion
bravignatus* Sw *Quekx baym* 5 *Anchorella laqueata* Sw 6 *Brachiella thynn* Sw 7 *Clavella
happoglossa* Sw 8 *Condracanthus tribo* Sw 9 *Condracanthus zet lareschi* 10 *Condracan-
thus xyphi* Sw 11 *Nemertes viridula* Sw





1 Echinorhynchus quercum 2 Heruca maris tm 3 Amphistoma lru 4b. bl 4 Caryophyllatus m edulis Bl 5 Monostoma Bl 6 Fasciola hepatica L 7 Polystoma integrumum Rut 8 Polystoma 9 Cycloptyles LeL ne 10 Testo ma lru





1. Hectocera, 2. Aspidogaster colubricola, 3. Platycoelium nitens, R. so. 4. Platycoelium lactea Mull. 5. Platycoelium nitens, R. so. 6. Platycoelium nitens, R. so. 7. Deris, 8. Platycoelium nitens, R. so. 9. Platycoelium nitens, R. so. 10. Platycoelium nitens, R. so. 11. Platycoelium nitens, R. so.





1. *Taenia lata* Rud. w. 2. *Taenia solium* Lin. w. 3. Head of the *Bothrocephalus cercurtus* Bl.

4. *Dibothyorchynchus lepi lepi* Bl.

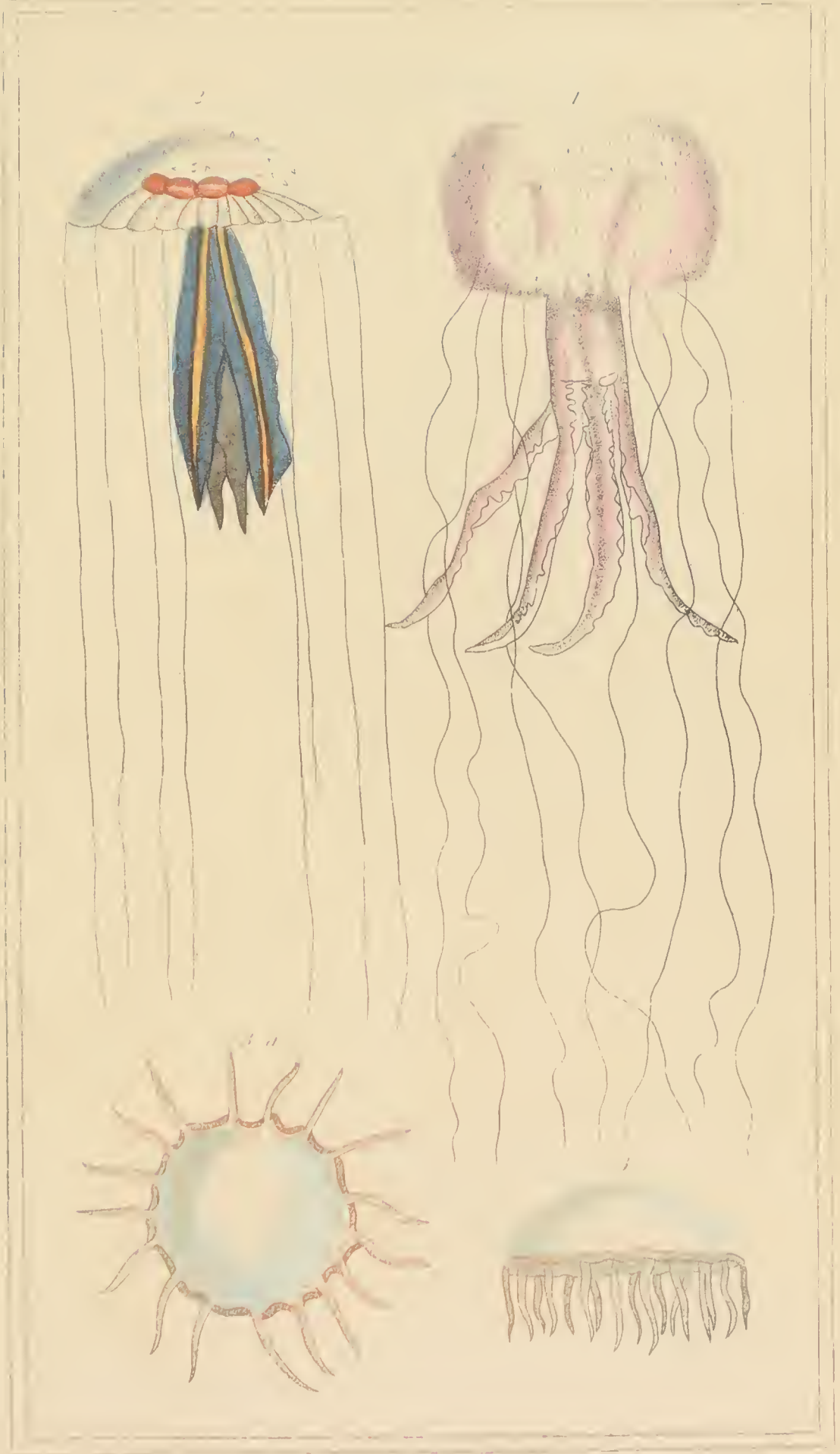




1. *Fluicaps corollatus*. 2. *Tetrachonchus immanis*. 3. *Tentacularia* *Pearcei*. 4. *Cysticercus pisciformis* L. 5. *Cysticercus finna* *Pearcei*. 6. *Acrostoma anoni* *Leeson*. 7. *Cnemidurus corollatus* *Mac*. 8. *Echinococcus* *Mac*. 9. *Ligula simpliciter* *Mac*.

Table of Contents





1 *Pelagia panopaea* Fries 2 *Cyanea labialis* Quoy & Gaimard

3 *Equeora cyanogramma* Quoy & Gaimard

London: G. & C. B. & Co. 1832.

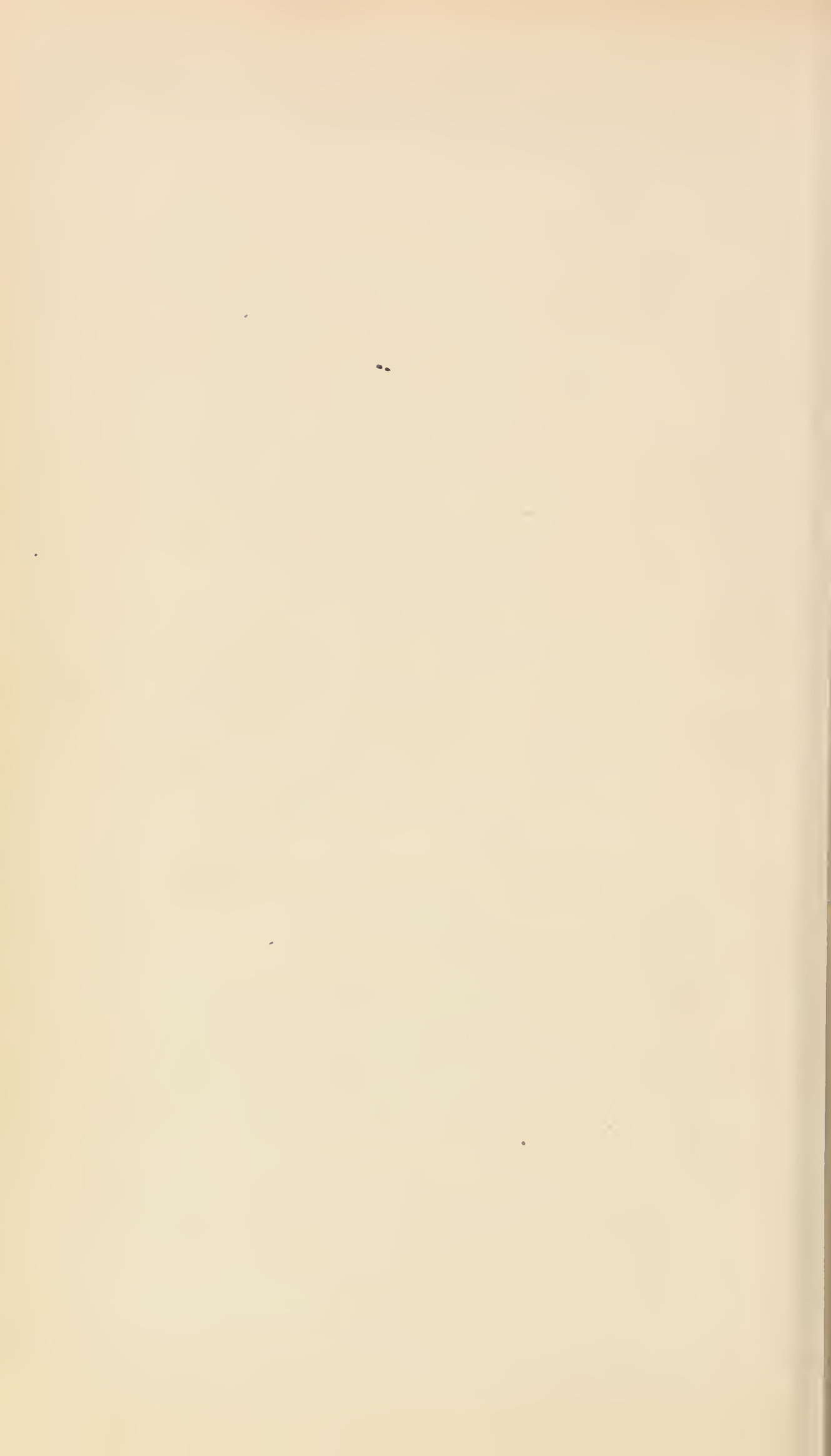




1. *Rhizostoma abdrovandi*, Risso, from a draw^g of M. Laurillard.

2. *Cassiopa borbonica*, DeLacaze, Grav.

London G. Henderson 2. Phil Bailey.



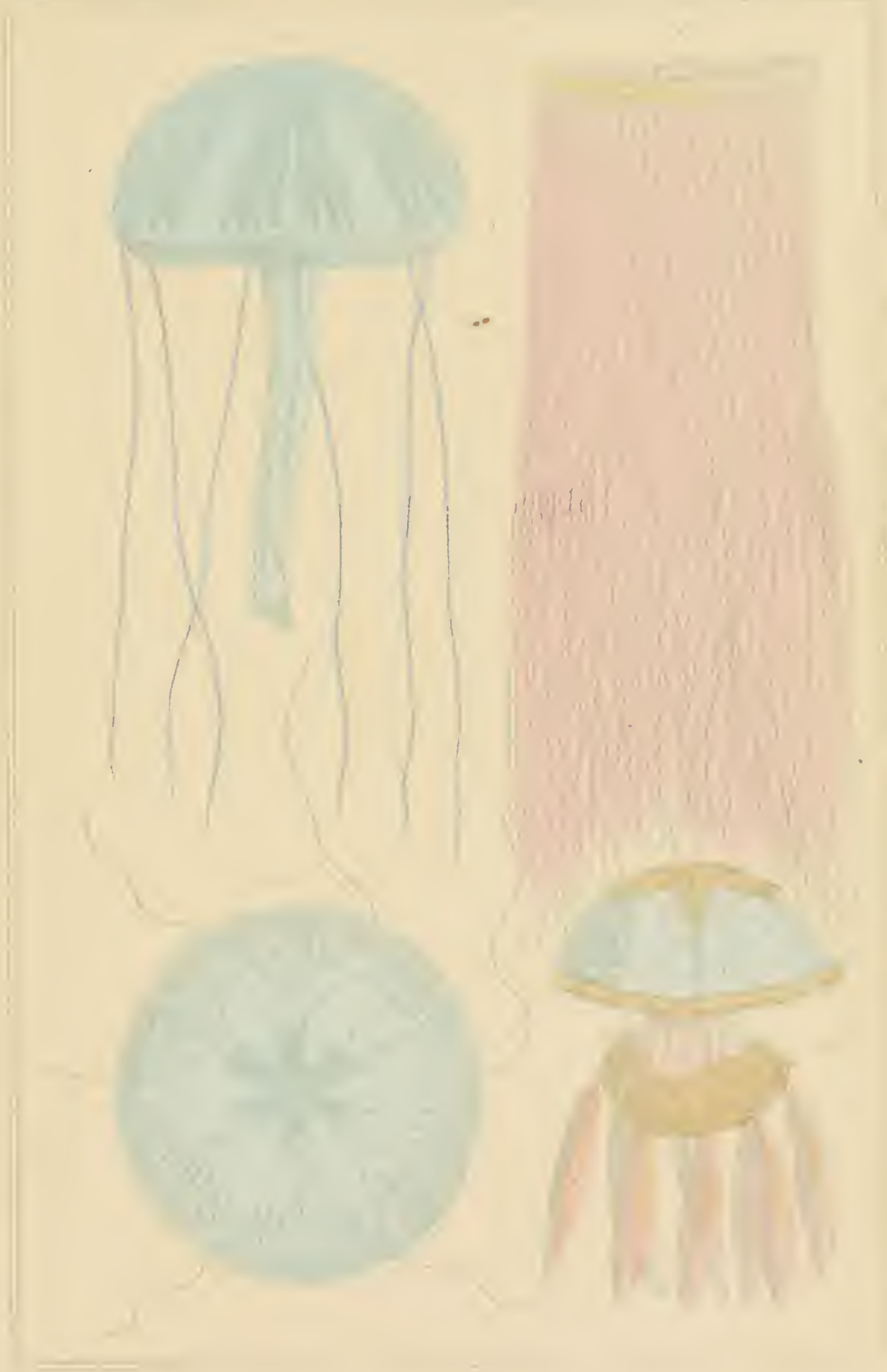
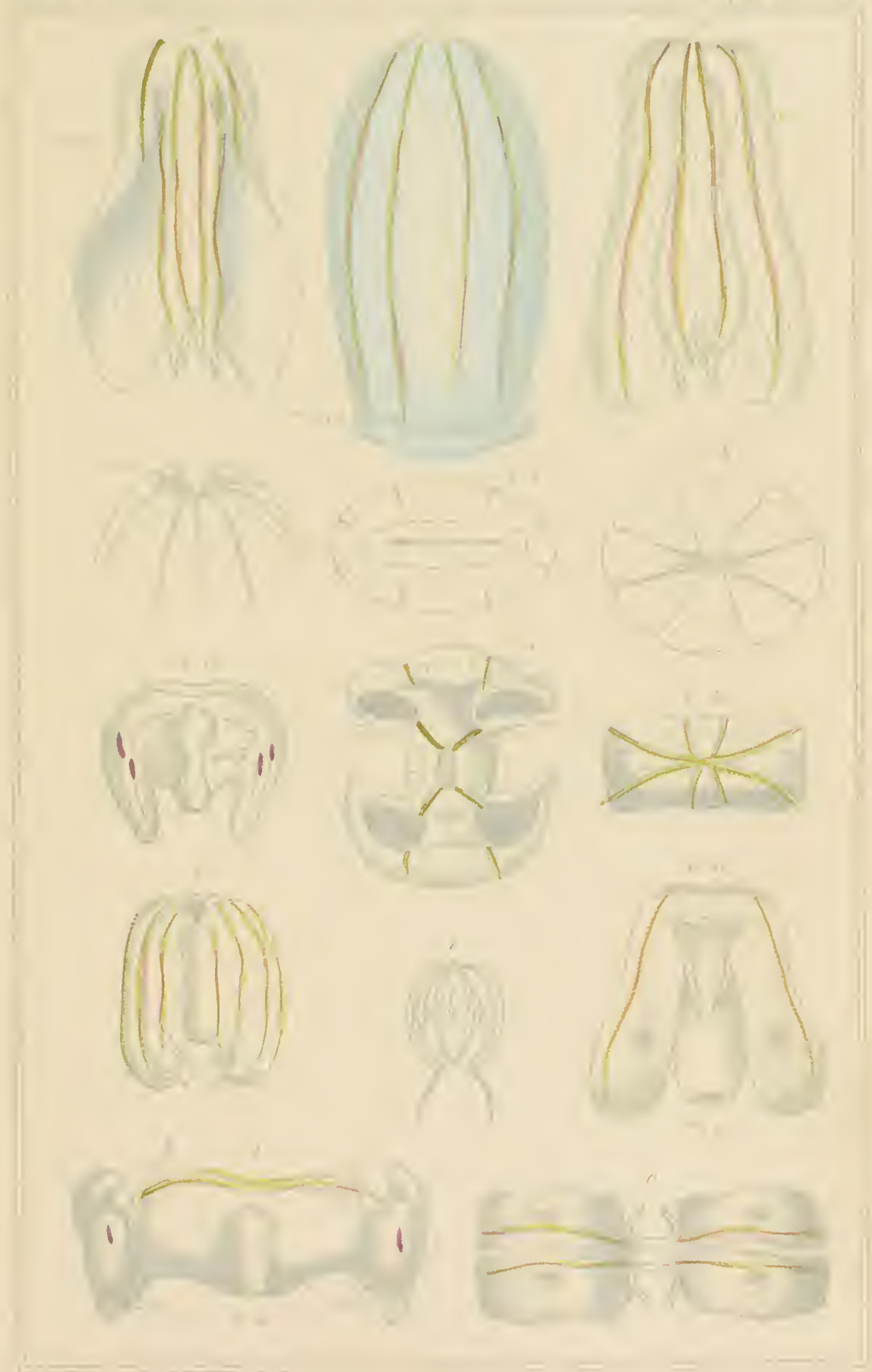


FIG. 1. *Physalia physalis*. FIG. 2. *Physalia physalis*. FIG. 3. *Physalia physalis*. FIG. 4. *Physalia physalis*.

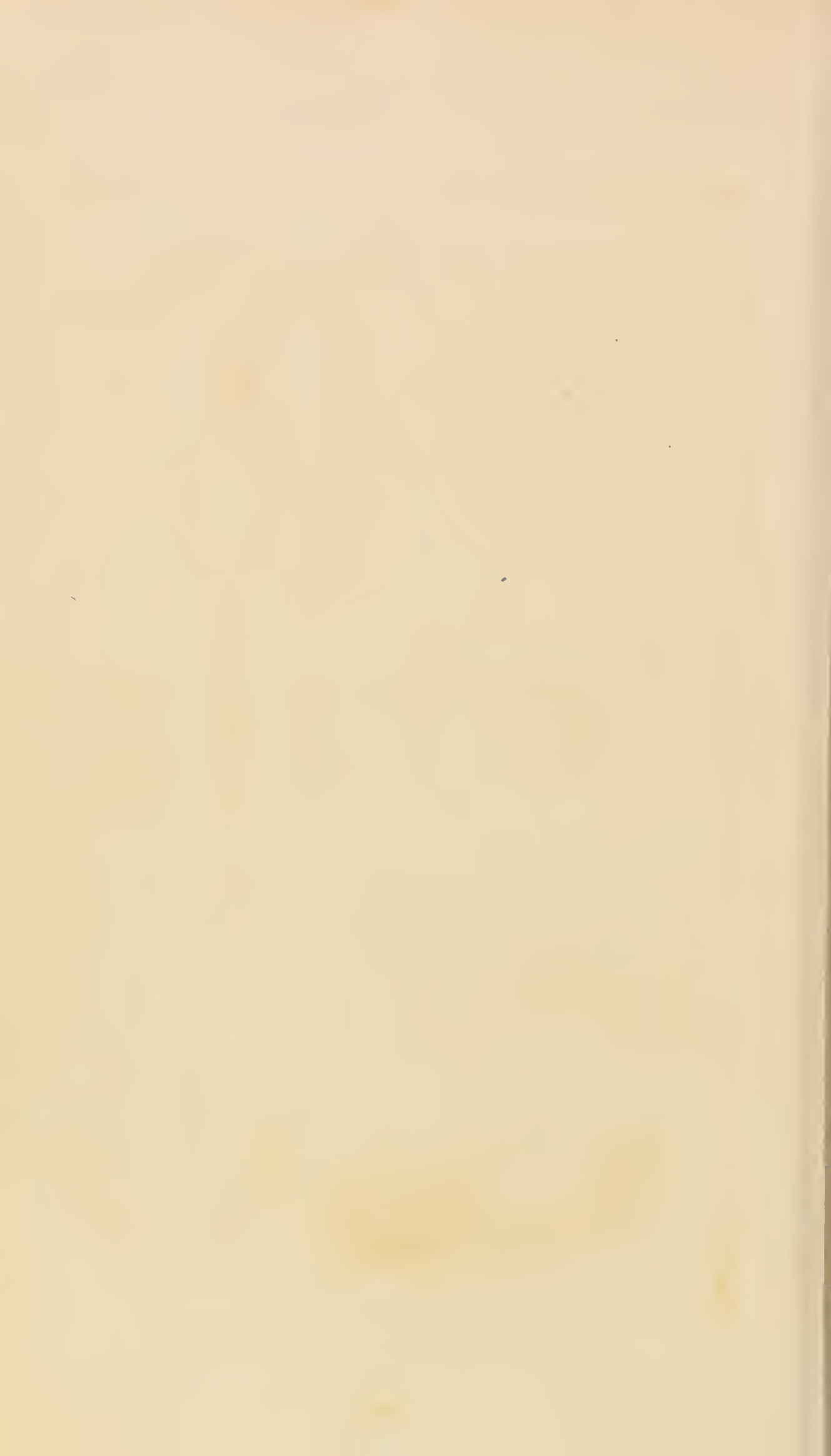
FIG. 5. *Physalia physalis*.

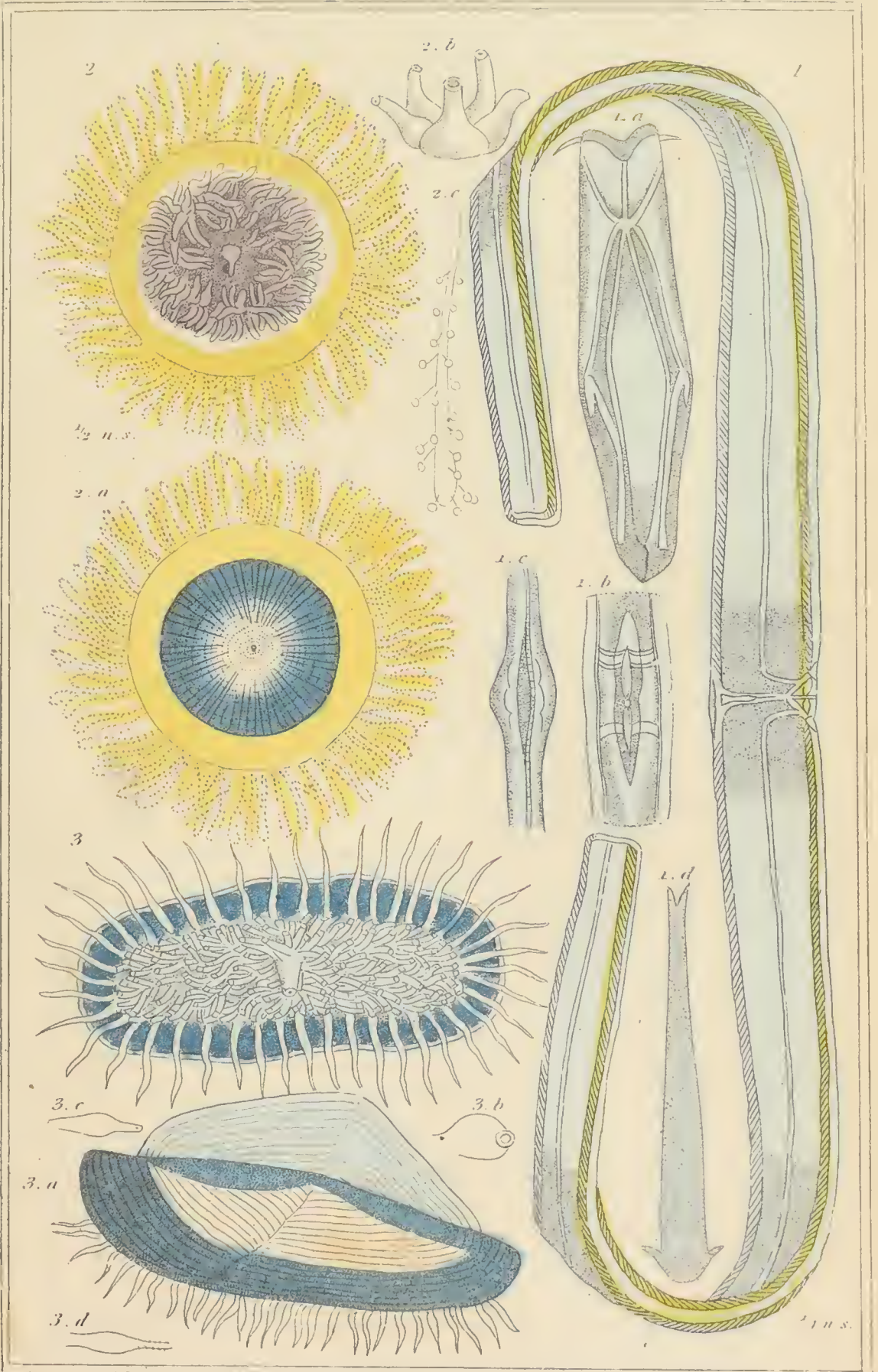
FIG. 6. *Physalia physalis*.





1. *Planorbis* ... 2. *Planorbis* ... 3. *Planorbis* ... 4. *Planorbis* ... 5. *Planorbis* ... 6. *Planorbis* ... 7. *Planorbis* ... 8. *Planorbis* ... 9. *Planorbis* ... 10. *Planorbis* ... 11. *Planorbis* ... 12. *Planorbis* ... 13. *Planorbis* ... 14. *Planorbis* ... 15. *Planorbis* ... 16. *Planorbis* ... 17. *Planorbis* ... 18. *Planorbis* ...

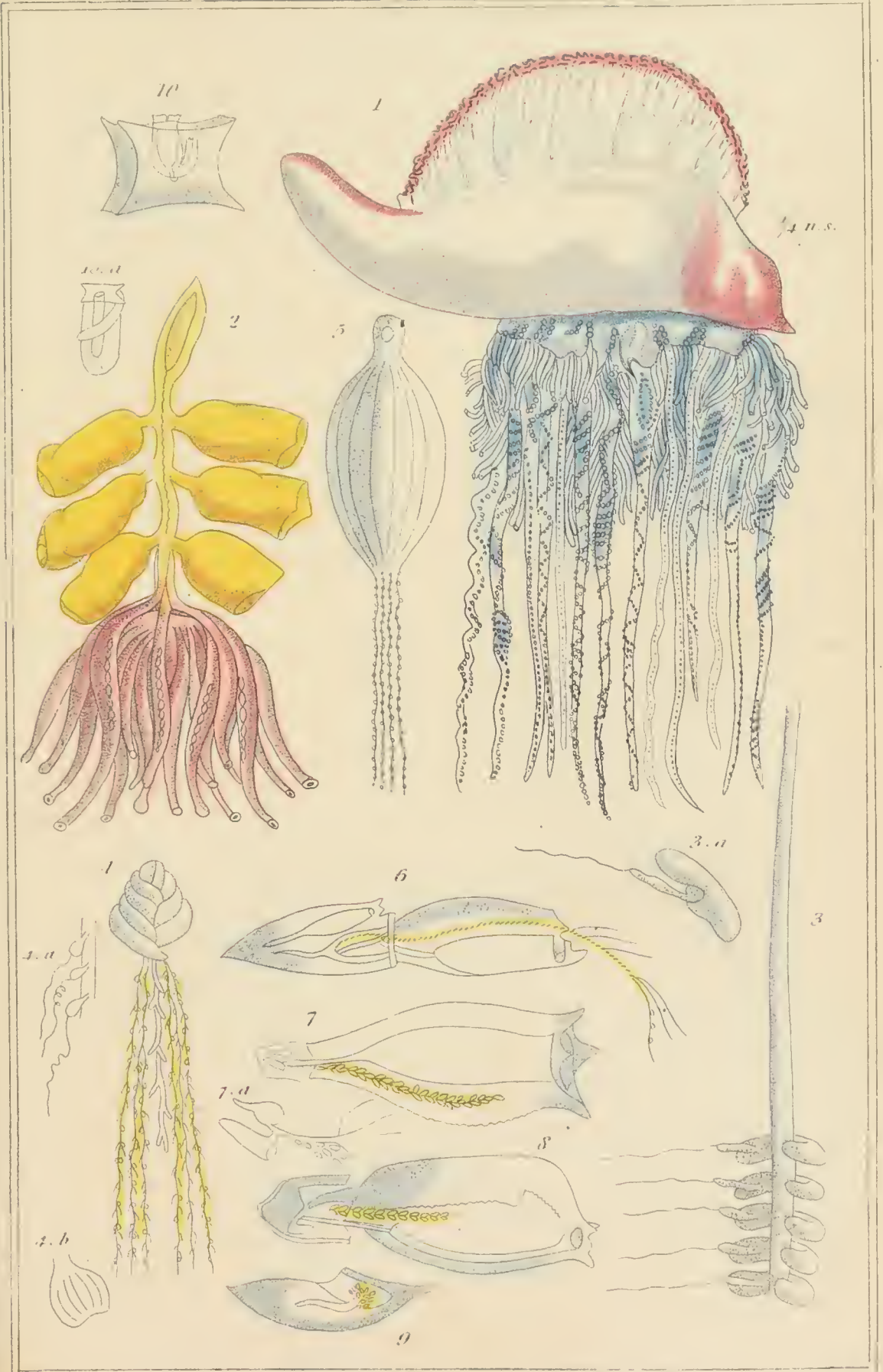




1. *Cestum veneris lessour.* 2. *Purpita chrysocoma less.*

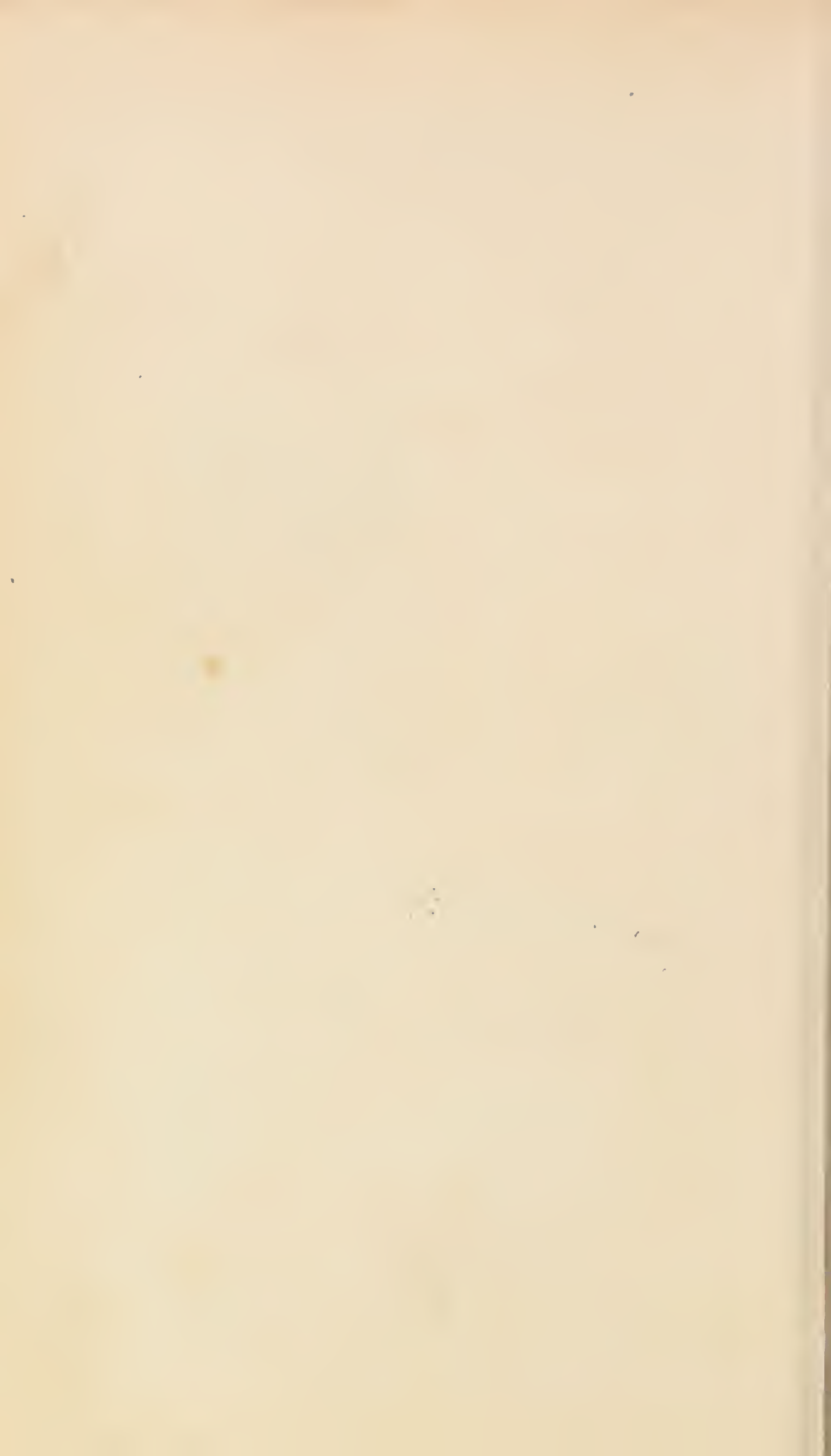
3. *Velella limbosa Lam.*





1. *Physalia atlantica*, Less. 2. *Physosiphonia disticha*, Less. 3. *Physosiphonia nigra*, Lam. 4. *Hippopodius luteus*, Quoy & Gaim. 5. *Rhizophysa heliantha*, Quoy & Gaim. 6. *Diphia dispar*, Bory. 7. *Calpe pentagona*, Quoy & Gaim. 8. *Abela tripena*, Quoy & Gaim. 9. *Cymba sagitta*, Quoy & Gaim. 10. *Cuboïdes vitreus*, Quoy & Gaim.

London. G. Barendsen, 2. Old Bailey.



2



1. *Lactinia corallina*, Risso. 2. *Thalassianthus aster*, Ruppel. 3. *Discosmus minutiformis*. 4. *Zoanthus sociatus*, Giv. 5. *Lucernaria campanula*, Lamouroux.

London: G. E. J. Godefridson & C. H. Böhly





1. *Tubipora rubicola*. Quoy. 2. *Tubularia indivisa*. Lam. 3. *Sertularia tanurindus*. Ellis. 4. *Eucea tea cornuta*. Ellis. 5. *Flustra Aragoi*. Exp. d'Eq. 6. *Cellepora punctuosa*. Ellis. 7. *Tubulipora tubulosa*. Gmel. 8. *Corallina officinalis*. Lin. 9. *Flabellaria opuntia*. Ellis. 10. *Acetabulum mediterraneum*. Lavel. 11. *Polyphysa aspergillum*. Lamour.





1. *Hydra viridis*, Trembl. Cuv. 2. *Hydra fusca*, Tr. Cuv. 3. *Coryna multicornis*, Eorsk. Cuv. 4. *Cristatella mucedo*, Cuv. 5. *Norticella opercularis* Bory. Rosel. 6. *Pedicellaria tridens*, Mull. Cuv.





1. *Antipathes neriophylla*, Ellis & Sol. 2. *Gorgonia verrucosa*, Lamour. 3. *Eunicea nana*, Lamour. 4. *Corallium rubrum*, Lamour. 5. *Isis hippuris*, Ellis & Sol. 6. *Fungia crassitentaculata*, Quoy. 7. *Turbellaria rubra*, Quoy. 8. *Caryophyllia fuscescens*, Lamour. 9. *Astrea calicularis*, Lamour. 10. *Madrepora abrotanoides*, Lamour. 11. *Millepora albicornis*, Pall.





1. Pennatula grisea. Guel. 2. Virgularia juncea Pall. 3. a fragment of the Virgularia uncinabilis Mull. 4. Renilla violacea. Quoy. 5. Umbellutaria acuminata. Ellis. 6. Meyonium aurantiacum. Quoy. 7. a large fragment of the Meyonium carnosum. Quoy. 8. Thelyium lycarctum. Marsigli. 9. Spongia oculata. Pallas. 10. Spongia manus. Bl.









