

ART. XXVIII. *An Essay on the Classification of the Parasitic Hymenoptera of Britain, which correspond with the Ichneumones minuti of Linnæus.* By A. H. HALIDAY, Esq., M.A.

[TO THE EDITOR OF THE ENTOMOLOGICAL MAGAZINE.]

SIR,—Among our indigenous insects, few seem to have obtained so little attention from the systematic writers of Britain as the tribes of *Hymenoptera*, corresponding (with a slight modification) to the *Ichneumones minuti* of Linnæus. This branch has not been equally disregarded by the continental authors; but of their methods little more than partial indications have been made accessible to the generality of British collectors. In attempting here to give an outline from those sources, and embodying the results of some of my own investigations, I must hope for the indulgence which the total want of any library of reference will suggest in my favour. During a short stay in London, some years since, the ever-ready liberality of my friend, Mr. Curtis, opened to me the stores of his rich cabinet, as well as various sources of information not otherwise accessible. Some leisure hours have since been passed, not unpleasantly, in recalling and applying the information thus afforded, and from those recollections, and from the materials afforded by my own small collection, I am induced to attempt the sketch of which these sheets form the introductory, and not the least laboured part. The plan I have proposed to myself excludes much pretension to originality. I have, however, in many cases remodelled and amplified the characters of established genera, in accordance with my own observations, and have added some subdivisions that seemed to be pointed out by nature. In addition to the genera previously determined, a few groups have been *indicated* by Mr. Stephens, in his "Systematic Catalogue," and the great mass subsequently by Mr. Curtis, in his "Guide to an Arrangement of British Insects." As the groups proposed by Mr. Stephens were in general unnamed, I had followed the nomenclature of the latter catalogue. A notice in the pages of the "Entomological Magazine" brought to my knowledge an Essay, by Mr. Westwood, on the *Parasitic Hymenoptera*, inserted in the "Philosophical Magazine" (Third Series, No. III.) for

August, 1832. As the genera there *characterized* for the first time appeared to me, with two or three exceptions, to be identical with those I had adopted from Mr. Curtis's Guide, and under his names, to avoid the inconvenience of conflicting nomenclature, it became necessary hastily to review these sheets, and to substitute Mr. Westwood's names in their right of priority.* The elegant conciseness and distinctness of his generic characters facilitated this task; and I believe I have succeeded in applying them correctly in general. An abrupt descent from the family to the ultimate generic subdivision, renders it difficult in all cases to combine brevity with certainty (unless by embodying the divisional characters in the generic, an object not easily effected while the divisions themselves are overleaped); accordingly, in one or two instances where no particular indication of affinities was supplied, I had to rest in doubt. The examples given with the tabular view were an after-thought, and added without an opportunity of consulting my cabinet, or any book of reference; but I believe no material errors have crept in.

Yours, &c.

ALEX. HENRY HALIDAY.

Dublin, November, 1832.

* There is nothing in science for which we feel a more sovereign contempt, and think more utterly at variance with all proper and gentlemanly feeling, more decidedly indicative of poverty of resource, than the plan here alluded to, of appropriating and superseding the labours of other authors. Had we, instead of Mr. Haliday, been the author thus robbed of our hard-earned property, we hope and trust we should have had the fortitude to have borne the matter as he has done: he has proved himself not merely the gentleman, but the philosopher and Christian. We are not, however, a party concerned; and the performance of our duty as Editor of an Entomological Magazine demands from us the undisguised expression of our most decided disapprobation of all such transactions. We noticed Mr. Westwood's paper at p. 85; we received it when our first number was in the press, and were not then aware of its nature.—Ed.

I. TABULA SYNOPTICA GENERUM ET SUBGENERUM ICHNEUMONUM ADSCITORUM BRITANNIÆ.

Species Ex G. detectas et Synonymas.

- Fam. Ichneumonidae.
- *Subf. Adactyl.* Areola disci externa nulla, antica serpius completa, sive Bracones et *Blasii*. *Nees* non *Faenbeck*.
 - Abdomen sub pectus incurvatum: areola antica disci contigua vel incompleta: palpi maxillares 4-articulati. APHIDIUS.
 - I. Alis nullis: aculeus horizontalis Aphidius Eplippium, *Curt. G.*
 - II. Areola disci antica et cubitales interiores confluentes, i. et postice definitæ.
 - 1. Aculeus horizontalis s. subrectus obtusus Aphidius Rosæ, *Ichneumon Aphidum*, De G.—Schra.
 - 2. Aculeus decurvus cuspidatus Aph. constrictus. *Nees.*
 - ii. et postice effluæ.
 - 1. Aculeus simpliciter falcatus s. subconicus. *Monoctonus* Aph. Cartæis, *ined.*
 - 2. Aculeus decurvus inter cornua bina ventralia acuta ipso longiora. *Trioxys*, Aph. Cirsii. *L. B.*
 - III. Areolæ cubitales 3 et antica disci completæ.
 - i. Aculeus decurvus tricuspis: antennis multi-articulatis. *Trioxys*. Aph. deltiger, *ined.*
 - ii. Aculeus horizontalis: antennis 11-articulatis. *Ephedrus*. Aph. plagiator, *Nees. B. M.*
 - IV. Areola cubitalis unica effusa, antica disci completæ. *Praon*. Aph. exoletus, *Nees.*
 - I. Areola antica disci contigua completa.
 - i. Palpi maxillares 5-, labiales 3-articulati. ANCYLIUS.
 - 1. Aculeus deflexus subulatus Ancylus cuspidatus, *ined.*
 - 2. Aculeus falcatus incurvus Anc. muricatus, *ined.*

Species Ex. gr. detectæ et synonyma.

- ii. Palpi maxillares, 6-, labiales 3-articulati.
 1. Areola antica disci antice angulata.
 † Abdominis segmenta 3 magna coalita. **SIGALPHUS.**
 A. Abdomen breviter ovatum sessile
 B. Abdomen oblongum basi angustatum. **FUBAZUS.**
 †† Abdominis segmenta discreta.
 A. Areolæ cubitales 3. **DIOSPIIUS.**
 B. Areolæ cubitales 2. **CHARMON.**
 2. Areola antica disci antice subtruncata. **BLACUS.**
 a. Antennæ ♂ articulis pluribus quam 20, ♀ quam 19
 Blacus ruficornis.
 Bracon ruficornis, Nees.
 b. Antennæ ♂ 19-, ♀ 17-articulatæ
 Blacus humilis, Nees.
 iii. Palpi maxillares 6-, labiales 4-articulati.
 1. Areolæ cubitales 3.
 † Abdomen falcatum aculeo brevi. **ZELE.**
 †† Abdomen oblongum aculeo elongato. **MACROCENTRUS.**
 Zele testaceator, F. B.
 Ichn. pallidator, Thunb. A. P. ?
 Macrocentrus linearis.
 Rogas linearis, Nees, A. A.
 Bracon linearis, Nees, B. M.
 Orgilus obscurator.
 2. Areolæ cubitales 2. **ORGILUS.**
 II. Areola antica disci remota vel incompleta.
 i. Palpi maxillares 5-articulati.
 1. Numerus articulorum antennarum determinatus in ♂ et ♀ par.
 A. Antennæ 20-articulatæ. **ADELIUS.**
 B. Antennæ 18 articulatæ: alarum posticarum areolæ radicales 2
 cubitales 2. **MICROGASTER.**
 a. Areolæ cubitales 2
 Microgaster glomeratus, Spin.
 Ichn. glomeratus, L.

Species Ex gr. delectæ et Synonyma.

- b. Areolæ cubitales 3
- C. Antennæ 14-articulatæ. MIRAX.
2. Numerus articulorum antennarum incertus, in maribus auctus.
- † Areolæ cubitales 3.
- † Areola radialis angustissima cuneata.
- † A. Palpi labiales 3-articulati. MICRODUS.
- a. Areola disci antica completa
- b. Areola disci artica incompleta
- B. Palpi labiales 4-articulati, AGATHIS.
- a. brevirostris. *DIPLOZON*?
- b. rostrati
- †† Areola radialis ovata s. oblonga. BRACON.
- A. Areola brachialis inferior alarum posticarum brevissima.
- a. Antennæ apice compressæ obtusæ. *GENUINI*.
- a. rostrati
- b. brevirostris
- b. Antennæ teretes. *MICROCEPHALI*.
- a. rostrulati
- b. crostres
- B. Areola brachialis infr. alarum posticarum magna.
- Sphærocephali*
- †† Areolæ cubitales 2. LÆIOPHIRON.
- A. Areola radialis apicem alæ attingens. *PYGOSTOLUS*.
- Micr. globatus, *Spin.*
- Ichn. globatus, L.*
- Mirax rufilabris, *ined.*
- Microdus gloriatorius, *Nees.*
- Bassus gloriatorius, Pz.—E. B.*
- Micr. cingulipes, *Nees.*
- Agathis calculator.
- Microdus calculator, Nees.*
- Bassus calculator, Pz.—E. B.*
- Agathis malvacearum, *Lair.*
- Bracon desertor, *Spin.*
- Bracon nominator, *F.*
- Bracon delibator, *ined.*
- Bracon minutator, *F.*
- Bracon denigrator, *F.*
- Leiothron sticticus.
- Cryptus sticticus, F.*

- B. Arcola radialis brevissima semilunata.
- a. Abdomen sessile *L. mitis, ined.*
 b. Abdomen petiolatum *L. apicalis, Curt. G.*
- ii. Palpi maxillares 6-, labiales 3-articulati.
1. Occiput marginatum: mandibulæ forcipatæ: arcola disci antica
 parum remota. PERILITUS.
- † Arcolæ cubitales 3.
- A. Alarum posticarum areolæ radiales 2 *Perilitus albiditarsus.*
Zele albiditarsus, E. B.
 B. Alarum posticarum arcola radialis 1 *Per. ictericus, Nees.*
- †† Arcolæ cubitales 2.
- A. Areola antica disci completa *Per. rutilus, Nees.*
 B. Areola antica disci et cubitales interior confluentes.
- a. Areola radialis ab apice alæ remota semicordata *Per. secalis.*
Ichn. secalis, L.
 b. Areola radialis apicem alæ attingens cultrata *Per. idalius, ined.*
2. Occiput immarginatum: mandibulæ hiantes: arcola antica disci
 longe remota. CHOREBUS. *Chorebus affinis.*
Alysia affinis, Nees.
Dacnusa uliginosa, Curt. G.
- iii. Palpi maxillares 6-, labiales 4-articulati.
1. Occiput immarginatum: abdominis segmenta discreta.
- † Corpus elongatum. (Labrum transverso-quadratum). COELINIUS. *Coelinius anceps.*
Chænon anceps, E. B.
- †† Corpus breve. (Labrum fere trigonum). ALYSIA.
- A. Mandibulæ hiantes areolæ cubitales 2. *DACNUSA.*

De Trophis horum Ichneumonum nonnusquam auctoritati obsecutus sum, quales sunt *Agathis*, *Iracon* (sc. *Sphaerocephali*), et *Sphaeropyx* a cl^{er}. Latreille, Nees von Esenbeck et Curtis luculenter expressi. Perpaucos etiam (*g. s.* *Mirax*, *Perilitus sectio ultima*, *Trachionus*, et *Chremylus*) in ordinem redegi Analogice fere solae fisus. Reliquorum trophos ipse scrutatus sum.

Desiderantur Genera *Helcon*, *Ichneutes*, *Cardiochiles*, *Planicus*, *Aenone*; e quibus *Helcon* Macrocentris proximus; *Aenone* sub *Alysiis* ut subgenus disponendum videtur, *Ichneutes* forsitan inter *Chelonos* et *Microgastres*; *Planicus* genus dubii situs, *Cardiochiles* mihi ignotum.

Terminorum interpretatio. Occiput *marginatum* appello cuius limbum ambit undique lineola elevata aut angulata; *immarginatum* quod cum vertice leni tractu confunditur etiamsi a genis atque gula sat determinate discretum sit:—areolam anticam disci *contiguam* cuius angulus anticus attingit costam ad basin stigmatis; si aliter fiat *remotam*; — denique nervos *recurrentes* in aliis posticis qui ex areolâ brachiali anteriore versus marginem posticum anteriorem excurrunt.

II. EXCERPTA QUÆDAM E METIODO CHALCIDUM BRITANNIÆ.

Fam. Chalcidæ.

• *Pupivoræ*. Nervus subcostalis elongatus, antennæ et pedes mediocres.

† Pentameri.

I. PTEROMALI. Palpi maxillares 4-articulati.

i. Macromeri.

A. CHALCIS, F. (*BRACHYMERIA*, *Ww.*)

SMIERA, *Spin.*

B. HALTICHELLA, *Spin.*

ii. Isomeri.

1. Isosterni.

A. Carbonarii.

EURYTOMA, III. DECATOMA, *Spin.* SYSTOLE, *Walk.* ISOSOMA, *Walk.*

B. Metallicores.

a. Dodecatomæ.

a. PERILAMPUS, *Latr.* CRATOMUS, *Dal.* &c.

b. MEGASTIGMUS, *Dal.* TORYMUS, *Dal.*

b. Hendecatomæ.

{ ORMYRUS, <i>Ww.</i>	HALTICOPTERA, <i>Spin.</i>
{ CYRTOSOMA, <i>Curt. G.</i>	PTEROMALUS, <i>Sued.</i>
SPHEGIGASTER, <i>Spin.</i>	CHEIROPACHYS, <i>Ww.</i>
{ PACHYLARTHUS, <i>Ww.</i>	TRIGONODERUS, <i>Ww.</i>
{ PIAGONIA, <i>Curt. G.</i>	CALITULA, <i>Spin.</i>
GNATHO, <i>Curt.</i>	MACROGLENES, <i>Ww. &c.</i>

2. Macrosterni.

a. Dodecatomæ.

CLEONYMUS, *Latr.* STENOCERA, *Curt. G.* EUPELMUS, *Dal.*

b. Hendecatomæ. Antennarum articuli pauciores quam 12 præter annellos sive articulos minutos ad basin flagelli.

CERCHIYSIUS, *Ww.*

ENCYRTUS, *Latr.*

ERICYDNUS (*Curt. G.*). Nervus subcostalis costam longius occupans ante originem ramuli cubitalis.

CRANTOR. Corpus brevissimum contractum apterum thoracis suturis lævigatis.

APHELINUS, *Dal.* (*CYLLOMUS, Curt. G.*) Nervus subcostalis ultra medium costæ abruptos ramulo cubitali nullo. Antennæ 8-articulatæ.

MICROMA, *Curt. G.*

II. SPALANGIÆ. Palpi maxillares biarticulati.

i. Palpi labiales biarticulati maxillaribus vix duplo breviores. Collare elongatum.

SPALANGIA, *Latr.* alati: caput oblongum fere rostratum.

LAESTHIA, *Curt.* apteri: caput ovatum.

ii. Palpi labiales minutissimi punctiformes. Collare transversum.

PIRENE, *Curt. G.*

†† EULOPHI. Tetrameri: palpi biarticulati subconici.

- EULOPHIUS, Geoff. ENTEDON, Dal. PTEROMALUS, Spin.
 { DICLADOCERUS, Ww. CIRROSPIIUS, Ww. ELACHERTUS, Spin.
 { DIOZUS, Curt. G. { EUPILECTRUS, Ww. MICROTHERUS, Spin.
 OMPHIALE, Curt. G. } PERISTYUS, Curt. G. }
 ** *Oxyura*, s. MYMARES. Nervus subcostalis brevissimus : antennæ et pedes gracillimi.
 I. Pentameri.
 OOCYTONUS. Antennæ maris 13-articulatæ flagello filiformi, feminae 11-articulatæ capitulo exannulato.
 LITUS. Antennæ maris 13-articulatæ flagello filiformi, feminae 9-articulatæ capitulo exannulato.
 II. Tetrameri.
 1. Antennæ feminae 10-articulatæ capitulo biarticulato.
 EUSTOCHIUS.
 2. Antennæ feminae 9-articulatæ capitulo exannulato.
 A. Abdomen petiolatum.
 MYMAR, (*E. B.*) Alæ anticæ capillares apice spatulatae, posticæ setaceæ.
 POLYNENA. Alæ anticæ obovatae, posticæ lineares.
 B. Abdomen sessile.
 ANAPIES. Abdomen ovoideum : antennæ maris 12-articulatæ.
 ANAGRUS. Abdomen conico-elongatum : antennæ maris 13-articulatæ.
 Familiam hanc integram consultò transilui, generibus a meipso olim vulgatis modo in ordinem revocatis, quippe quæ peritiori in manibus jam versatur opinio iugurio.

CONSPECTUS STIRPIUM ET GENERUM OXYURORUM BRITANNIÆ.

- OXYURI. *Latr.* (*PROCTOTRUPINI. Latr.* *CODRONI. Latr.*)
 1. PLATYGASTRES. Abdomen sessile depressum segm.^o 1^{oo}. Iaud campanulato, ventre marginato : antennæ prope os insertæ fractæ 10—12-articulatæ, radícula sæpe exserta : maxillarum lobus membranaceus integer :

Species Ex. gr. delectæ et Synonyma.

- Palpi breves frons rotundata.
- † Thorax oblongus, collari amplo bilobo :
 - vii. SCELELIO. Antennæ femine 12-articulatæ : palpi maxillares 3-articulati : areola radialis elongata trigona, nervus subcostalis a costa remotus
 - i. PLATYGASTER. Antennæ 10-articulatæ : palpi maxillares biarticulati : alæ exarcolatæ : pedes laud saltatorii :
 - 1. INÓSTEMMA. Nervus subcostalis abruptus capitatus : antennarum clava 4-articulata
 - 2. PLATYGASTER. Alæ antiere aveniæ :
 - a. Antennarum clavæ abruptæ 4-articulatæ : scutellum mucronatum.
 - b. Antennæ apice sensim vel parum crassiores articulo 3^{to}. minuto vel pentus ciliolato
 - a. Scutellum mucronatum s. fasciculatum
 - b. Scutellum obtusum
- †† Thorax brevis collari lineari-arcuato : pedes saltatorii.
- ‡ Scutellum nullum :
 - v. BAEUS. Corpus brevissimum contractum apterum : antennæ femine breves clavâ compactâ 5-annulata, ovato-acuminata.—
Mas, incognitus
 - Teladi affinis etiam generi *Cranatori* inter *Encyrtos* haud dissimilis ob "faciem subcoleoptatam." (*Dalm*).
- ††† Thoracis segmenta aligera discretæ : nervus subcostalis marginem longius occupans et ramulum stigmaticalem emittens, vel alæ nullæ.

Scelio rugosulus, Latr.

Platygaster Boscii, Lat. Curt. B. E.
Psilus Boscii, Jur.Platygaster Tipulae recentiorum.
Achn. Tipulae, Linn. F. S.
——Kirb. L. T. v.Platygaster ruficornis, Latr.
Platygaster elongatus, Curt. G.

Bæus seminulum, ined.

Species Ex. gr. delectæ et Synonyma.

ii. **TELENOMUS.** Ramulus stigmatalis in discum atæ oblique descendens: abdominis segmentum primum brevissimum, secundum longe maximum: antennæ femine apice sensim clavate: palpi maxillares biarticulati: mandibula arcuata apice denticulata (saltem in *T. branchiadi*.)

- a. Antennæ ♂ 12-articulatæ flagello filiformi: abdomen ovatum.
- b. Antennæ ♀ 10-vel 11-articulatæ: abdomen ovatum caput transversum.
- c. Antennæ ♀ 11-articulatæ: caput subcubicum:

a. Abdomen ob-ovatum
 b. Abdomen conicum elongatum
 iii. **GRYON.** Antennæ 12-articulatæ maris flagello filiformi crassiusculo, femine clavâ 5-annulatâ: ramulus stigmatalis brevis: abdomen ovatum segmentis anterioribus aequalibus tertio brevioribus

Cum *Teleade* jungendus sub sectionem propriam si trophi satis convenient id quod adhuc est incomptum.

- iv. **TELEAS.** Antennæ 11-articulatæ maris flagello lineari elongato articulo 5^o. angulato; femine clavâ quinque-annulata: palpi maxillares 3-articulati: mandibula apice emarginatæ. Ramulus stigmatalis brevissimus: metathorax mucronatus: abdomen obovatum segmentis anterioribus subæqualibus 3^{is}. majore: species plurimæ apteræ
- vi. **THORON.** Antennæ 12-articulatæ radicula elongatâ, maris flagello filiformi, femine clavâ 5-annulatâ: palpi maxillares

- Telenomus ater, *ined.*
- Telenomus brachialis, *Curt. G.*
- Telenomus heteropterus, *Curt. G.*
- Telenomus othus, *ined.*
- Gryon misellum.
- Telenomus misellus*, *Curt. G.*

Teleas clavicornis, *Latr.*

Species Ex. gr. delectæ et synonyma.

4-articulati: labiales subulati 2-articulati: mandibulæ
 latæ tridentes: ramulus stigmatalis in discum alæ
 oblique descendens: abdomen obcavatæ segmentis
 anterioribus subæqualibus 3^{is}. majore. *Corpus æneo-*
nitens

Thoron metallicus.
Telaas metallicus, Curt. G.

** Palpi maxillares prælongi: frons elevata.
 viii. SPARASION. Antennæ 12-articulatæ

Sparasion frontale, *Iatr.*
Ceraphron cornutus, Jur.

II. CERAPHRONTES. Abdomen subsessile immarginatum campanulatum, seg-
 mento ultimo ventrali carinato aculeum lanceolatum e
 rima verticali emittente: antennæ fractæ supra os insertæ:
 alæ fere exareolatæ: maxillarum lobus membranaceus
 integer: mandibulæ arcuatæ apice emarginatæ.

* Antennæ 11-articulatæ, femine apice crassiores: abdominis segmentum
 primum basi constrictum.

ix. MEGASPILUS. Ocelli 3: oculi magni vel mediocres: stigma crassum,
 ramulus stigmatalis arcuatus abruptus: vel alæ
 nullæ: palpi maxillares 5-articulati

Megaspilus dux, *Westw.*
Ceraphron dux, Curt. B. E.

x. MICROPS. Ocelli 0: oculi minuti: palpi maxillares 4-articulati:
 corpus apterum

Microps Rubi.
Ceraphron Rubi, Curt. B. E.

** Antennæ maris 11-articulatæ: femine 10-articulatæ: abdominis segmentum
 1^{um}, maximum basi truncatum.

xi. CERAPHON. Palpi maxillares 4-articulati: stigma 0: ramulus
 stigmatalis arcuatus abruptus, vel alæ 0

Ceraphron sulcatus, Jur.

III. DRYINI. Abdomen convexum immarginatum haud campanulatum: segmento ventrali ultimo carinato aculeum subulatum e rima verticali emittente: antennae porrectae 10-articulatae inter oculos insertae: alae areolatae (secundum typum *Fenariae*) nervis costalibus discretis: mandibulae dentatae. Maxillarum lobus membraceus integer.

* Os minutum: palpi reflexi breves.

xii. DICONDYLLUS. Palpi maxillares 5-articulati: caput latum antice et postice retusum, oculis magnis prominulis: antennae inferius insertae: thorax elongatus constrictus apterus: pedes antici remoti coxis longis: tarsi ♀ chelatis:—♂ incognitus

xiii. LABEO. Palpi maxillares 3-articulati: caput postice truncatum, facie convexa: thorax brevis compactus: alarum stigma angustum: tarsi omnes maris simplices.—Femina incognita

** Os latum: palpi longi penduli, maxillares 6-articulati:

xiv. DRYINUS. Antennae longiores: tarsi antici feminae chelati: collaro ejusdem saepius elongatum: alae distincte areolatae stigmatate trigono

xv. APHELOPUS. Antennae breves: tarsi simplices: collare brevissimum: arcolae disci inconspicuae: stigma trigonum

IV. PROCTOTRUPES. Abdomen subscissile campanulatum valvulis aculei exertis sub formâ tubi corni falcati subulati: antennae porrectae

Dicondyllus pedestris, Curt. G.
 Dryinus (G.) pedestris, Dalm. A. E.
 Dryinus formicarius, Dalm. A. II.

Labco vitripennis.
 Dryinus vitripennis, Curt. G. *

[Dryinus formicarius, Latr.]

Aphelopus melaleucus, Dalm.
 Aph. atratus, Dalm. ♂

Species Ex. gr. delectæ et Synonyma.

siliiformes 12-articulatæ infra frontem insertæ : maxillanem lobus bipartitus : palpi mediocres, maxillares 4-articulati : areolæ disci oblitteratæ, nervi costales discreti.

xvii. PROCTOTRUPES

Proctotrupes brevipennis, Latr.
Serphus brachypterus, Sehra.
Ichn. Gravivator, Linn. F. S.

V. DIAPRIÆ. Abdomen petiolatum campanulatum aculei structurâ variante : antennæ fronti insertæ 12—15-articulatæ. Maxillarum lobi connati : palpi maxillares longi 5-articulati.

• Antennæ porrectæ 15-articulatæ : palpi labiales 3-articulati : alæ areolatæ nervis costalibus discretis.

** MELORUS Melorus anomalipes, Jur.

** Antennæ fractæ : alarum discus exarcolatus.

† Palpi labiales 3-articulati.

xviii. CINETUS. Antennæ maris 14-articulati, feminae 15-articulatæ apice crassiores : areola radialis parva trigona completa : vel alæ 0

†† Palpi labiales 2-articulati.

A. Antennæ utriusque sexus 13-articulatæ.

xix. PARAMESIUS. Antennæ prelongæ, maris articulis 2^{do}. et 3^{to}. minutis : femine apice crassiores articulo ultimo majore : areola radialis angusta elongata parum distincta

Paramesius rufipes, Westw. ♂
Cerapsilon longicornis, Curt. G. ♂ ♀

xx. SPILOMICRUS. Antennæ crassiusculæ, maris articulo 2^{do}. minuto reliquis subæqualibus, feminae ante apicem crassiores articulo ultimo minore quam penultimo : areolæ

Species Ex. gr. delectæ et Synonyma.

alarum oblitteratæ; punctum minutum retro-cuspidatum stigmatis loco

Spilomicrus sericeicornis,
Cerapsilon sericeicornis, Curt. G.
Psilus sericeicornis, Spin. L. L. ?

B. Antennæ femine 12-articulatæ apice incrassatæ s. clavatæ :

xxiii. GALESIUS. Caput elongatum compressum fronte valde productâ tuberculatâ; mandibulæ parallelæ descendentes: labrum longius quam latus: antennæ maris 14-articulatæ: alarum nervi indistincti dililisi.

Galesus cornutus, Curt. B. E.
Psilus cornutus, Pausz. F. G.

xxii. ANEURRHYNCHIUS. Caput haud elongatum: mandibulæ forcipatæ: antennæ maris 14-articulatæ: alæ (ut in *Scellione*) arcolâ radiali elongatâ trigonâ, nervo subcostali a costa remoto

Aneurhynchus galesiformis, West. ♂
Mythras faunus, Curt. G. ♂ ♀ .

xxi. PSILUS. Caput parum elongatum: mandibulæ forcipatæ: areolæ alarum oblitteratæ; punctum minutum callosum loco stigmatis, vel alæ 0.

Psilus elegans, Jur.
Diapria verticillata, Latr.
Psilus maritimus, Wed.

1. Antennæ maris 14-articulatæ
2. Antennæ maris 14-articulatæ femine clavâ abruptâ (quadri-) nodi

APP. : Familia hæc obscura nimis, discordiâ auctorum exagitata, nec facile serie continuâ explicanda est. Conspicua allatus mihi ipsi minus placet, et aliis ut vereor inconcinrior reputabitur: E quinque stirpibus adumbratis quarta et quinta intinè cognatæ sunt; secunda et simul tertia a reliquis longius recedunt, forsitan vel hæc vel utraque *Evanias* attingens:—*Antæon* (Latr.) *Drytus* mares conjugibus disparibus innuit ni fallor.—*Helgta* (Latr.) et *Cinetus* (Jur.) idem sonant.—*Belyta* (Jur.) *Cinetorum* nonnullas species antennis feminarum brevioribus perficitis et areolâ radiali contractâ insignes vel etiam apteras complecti videtur.—*Platymischus* (Westw.) ambiguum anne *Cinetis* attingat an *Psilis*: feminâ incognitâ interim palpi indicium certissimum

prestare poterunt. — Genera xix—xxiii si melius congrueret forma maxillarum lubenter conjunxissem, generis *Psili* finibus prisca vel restitutis vel auctis.
Bethylorum genus abnorme inter *Oryzops* jam diutius exulat, quippe cui locum [et familiæ gradum] inter *Hymenoptera Fossoria* vindicant trophi aculeus (venenatus acris) habitus et mores. Conferendæ Genæ *Stigma* species abdomine subsessili, Fx. Cr. *St. Troglodytes*. Vand. Linden.

AUCTORES LAUDATI.

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Note. — In a few instances, where it appeared doubtful to which divisions the synonyms in the margin were intended to refer, as we had no means of consulting the author on the subject, we thought it preferable to strike them out altogether, than run the risk of creating any confusion in a paper of such great labour, and such intrinsic value. —E. b.