

ON THE TYPE SPECIES OF FOERSTER'S GENERA  
(HYMENOPTERA : ICHNEUMONIDAE)

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## SYNOPSIS

Foerster described 489 genera with no included species.

Notes are given on Thomson's treatment of certain of these genera, and it is concluded that in all cases where his spelling differed from that of Foerster, he was emending the names. The species described by Brischke and placed in Foerster's genera are discussed and synonymy given. A complete list of the type species of the Foerster genera of Ichneumonidae is included and species are placed in most of the genera to which no species have been previously assigned. In some genera, inclusions of species have been found earlier than those known to Viereck. Synonymy has been brought up to date.

## INTRODUCTION

THE purpose of this paper is to select type species for those genera of Foerster 1868 : 135-221 which were described without included species in his key to genera of Ichneumonidae, and for which no previous designations have been made. For this, I have been able to visit Munich to see those parts of the Foerster collection housed in the Bayerische Staatssammlung, and I have also been able to see material of the outstanding genera of which representatives are present in the Berlin and Vienna Museums. There still remain some nineteen genera of which I have been unable to see material and of which I have as yet been unable to form any conclusions as to which species are indicated. Due to the kindness of Miss Luella Walkley, a microfilm copy of the Foerster manuscripts in the U.S. National Museum has been sent to me, but these notes unfortunately provide no further information as to the identity of these nineteen genera.

From Opinion 46 of the International Commission on Zoological Nomenclature,

the selection of type species, where already made, is fixed however ill these may agree with the original diagnosis. It is to be hoped that no reversal of this policy will be made in relation to the Foerster genera, as even in Europe the first included species are all too frequently completely different from the species included in the Foerster collection, and could not be recognized from the key. It should be pointed out, as well, that certain of the species (sometimes unique) placed in a particular genus by Foerster are quite impossible to run in his key; in a number of cases, his genera were based on freak specimens.

Of the species contained under the genera in the Foerster collection, and the type species which have been selected for these genera, those of the *Diplazoninae* form a good example, and the position in relation to these genera is given below.

*Bassus* (= *Diplazon*) contained the common species usually placed in this genus by European authors, together with *bizonarius* Gravenhorst.

*Promethes* contained the species normally included in this genus except for those placed in certain of the segregates given below.

*Bioblapsis*. The single specimen placed under this name in the Munich collection is a remarkable species otherwise unknown to me. The form of the clypeus is similar to that found in *Diplazon*, but as stated by Foerster, it is broader, as is the whole face; also the face is in greater part polished with only a trace of sculpture (at the sides of the epistoma and the orbits of the eyes) between the conspicuous punctures; the carinae of the propodeum are similar to *Diplazon*, but the notauli are lacking on the mesoscutum; the broad gaster has no central, longitudinal carina on tergite 1 and no transverse grooves; tergite 2 is smooth between the clear punctures in the basal two-thirds. Type species, *Bassus flavipes* Holmgren.

*Liopsis* was described for *Promethes* [*Bassus*] *festivus* (Gravenhorst). This is the only European species known to me that would run to this genus in the key, and within *Promethes* is a very peculiar species. Type species, *Promethes* [*Bassus*] *sulcator* (Gravenhorst).

*Zootrephes* contained not only *holmgreni* (Bridgman) and *rufiventris* (Gravenhorst) but also *Bassus cinctus* Gravenhorst. Type species, *Bassus* (*Zootrephes*) *hilaris* Woldstedt.

*Syrphoctonus* contained the *flavolineatus* group together with *Bassus pectoratorius* Gravenhorst and a very small specimen of *Bassus tarsatorius* Panzer. Type species, *Bassus biguttatus* Gravenhorst.

*Aniarophron* is represented by *Zemiophora scutulata* (Hartig), a Euryproctine with tridentate mandibles. Type species, *Aniarophron niger* Szépligeti.

*Phthorima* is represented by *signatus* Gravenhorst. Type species, *Phthorima* [*Bassus*] *compressa* (Desvignes).

*Enizenum* is represented by *ornatus* (Gravenhorst), which has been selected as the type species of the genus.

*Homotropus* contained the *pictus* and *elegans* groups of species. Type species, *Homocidus* [*Bassus*] *elegans* (Gravenhorst).

Thus *Bioblapsis*, *Liopsis*, *Zootrephes*, *Aniarophron* and *Phthorima* are used for concepts which do not agree with the original material of Foerster. However, the genera of the *Diplazoninae* have been better recognized than in other subfamilies.

A further problem that has caused considerable trouble is the emendations made by Thomson in his *Opuscula Entomologica* when taking up the Foerster names. I agree completely with Miss Walkley's conclusion that the Thomson usage was purely as emendations of the Foerster names (Walkley 1958). Neave, 1939-40, also lists these names as emendations.

It is as well, perhaps, to give a brief account of the manner in which Thomson used this work of Foerster. References are given to relevant pages in Thomson's *Opuscula Entomologica*. Although Foerster's paper appeared in 1868, Thomson made no use of it until 1874. Thomson 1874 : 589 explains his reason for his action by the fact that Foerster had stated in his introduction that he proposed to give full descriptions of the genera later, and in particular to fix type species ; however, Thomson now proposed to try and recognize these genera though finding this very difficult due to the lack of clarity and precision in the opposed characters of the key, and he suggested that certain of his own genera were the same as certain of Foerster's genera. Thomson only took up a limited number of these names where he thought that they would be taxonomically useful (1889 : 1361), and when he placed them as subgenera he made them agree in gender with the generic name, or with the genus of which he considered them to be segregates (cf. his treatment of the Plectiscinae and *Mesoleius*). Thomson 1889a : 1408 states that through Schmiedeknecht's work on the Pimplinae, he has an insight into the Foerster genera and proceeds to use them, though some are misspelled.

Thomson discussed Foerster's work at some length in his introduction to *Mesoleius* (1892a : 1870-1), again pointing out that many of Foerster's segregates are based on superficial characters. Of *Aeolometis* he states that Dr. Kriechbaumer had sent him the type of that genus, the only type that he examined, which showed that the specimen was a *Scolobates italicus* with the femur eaten out by *Dermestes*. This genus was used by Thomson but misprinted *Aelometis* which has been regarded by certain workers as a name distinct from *Aeolometis* for nomenclatorial purposes. He then proceeds to use many of the Foerster names making them masculine to agree with *Mesoleius*. Thomson never quoted any author for these Foerster names and thus they appear in the same format as his own new genera. This seems to have been one of the main reasons for subsequent authors having assumed that Thomson did not recognize the Foerster names as valid and was proposing new names based on but distinct from those of Foerster. It appears to me, therefore, that if any of these names are regarded as new genera of Thomson, then all should be so accepted. No author has gone as far as this, but some have accepted that in certain cases Thomson was actually using the Foerster genera. The position, however, is really placed beyond doubt by the statement quoted by Miss Walkley in relation to the Diplazoninae where Thomson 1890 : 1462 stated that while Holmgren and Gravenhorst placed all the species in *Bassus*, Foerster made many new genera, some of the names of which he (Thomson) was using.

Below is given a list of the names which are affected by the applications of the above considerations, together with types selected by Thomson for genera of Foerster in his various introductions to groups and genera and which have been overlooked. It also includes overlooked inclusion of species given by Thomson.

*Aeolometis* Foerster

Type species, *Scolobates italicus* Gravenhorst

Thomson 1892a : 1870 (as *Aelometis* [sic] Thomson 1894a : 2034)

*Anilasta* [sic] Foerster Thomson = *Anilastus* Foerster

Type species, *Campoplex ebeninus* Gravenhorst

Morley 1913 : 493

*Apechtis* [sic] Foerster Thomson = *Apechthis* Foerster*Aphanoroptra* [sic] Foerster Thomson = *Aphanoroptrum* Foerster

Type species, *Aphanoroptra ruficornis* (*Pimpla* Grav.) [lapsus pro *Lissonota*] =  
*Aphanoroptrum abdominalis* (Gravenhorst)

Thomson 1877 : 736 (Monobasic)

*Asthenarus* [sic] Foerster Thomson = *Asthenara* Foerster

Type species, *Asthenarus crassifemur* Thomson (Monobasic)

Thomson 1889a : 1437

*Astiphrommus* [sic] Foerster Thomson = *Astiphromma* Foerster*Barytarbus* [sic] Foerster Thomson = *Barytarbes* Foerster*Colocnema* Foerster

Type species, *Cryptus rufinus* Gravenhorst

Thomson 1874 : 590

*Diaparsus* [sic] Foerster Thomson = *Diaparsis* Foerster*Dyspetus* [sic] Foerster Thomson = *Dyspetes* Foerster

Type species, *Tryphon praerogator* (Linnaeus) ; Gravenhorst, 1829 nec Linnaeus

Thomson 1883 : 899

*Entelechius* [sic] Foerster Thomson = *Entelechia* Foerster*Entypomus* [sic] Foerster Thomson = *Entypoma* Foerster*Epachtus* [sic] Foerster Thomson = *Epachthes* Foerster*Euryproctus* Holmgren

Type species, *Mesoleptus annulatus* Gravenhorst, 1829

Thomson 1894 : 1985

This type designation has previously been overlooked.

*Gonotypha* [sic] Foerster Thomson = *Gonotypus* Foerster*Himertus* [sic] Foerster Thomson = *Himerta* Foerster*Hodostatus* [sic] Foerster Thomson = *Hodostates* Foerster*Holocremna* [sic] Foerster Thomson = *Holocremnus* Foerster*Homotropus* Foerster Thomson

Thomson, 1890 refers species definitely to this genus as follows :—

p. 1475 *signatus*, p. 1484 2-*guttatus*, p. 1487 *signatus* and *pallipes*.

In the key to genera, p. 1465, he refers to the genus as *Homotropus* but on p. 1488 the name is printed as *Homoporus*. This seems to be an obvious lapsus since he states (p. 1464) that he is taking up certain of the Foerster genera. Thomson had already



used *Homoporus* for a genus of Chalcids and Morley proposed the new name *Homocidus* for the Ichneumonid *Homoporus*. The type species for both these genera, if considered available names, must therefore be the same, *H. elegans* (Gravenhorst) by designation of Viereck, 1912 (cf. Walkley 1958 : 57) ; the selection of *pectoratorius* (Gravenhorst) for *Homoporus* by Viereck, 1914 is invalid.

The selection by Davis 1895 of *bicapillaris* (Walsh) as the type species of *Homotropus* is anyway invalid as Thomson had already referred species definitely to this genus, even if it is not accepted that *Homoporus* was a lapsus.

I accept *Homoporus* as being a lapsus for *Homotropus* and that *elegans* (Gravenhorst) is the type species of *Homotropus*. If this view is not upheld, then the type must be chosen from *signatus* (Gravenhorst), *biguttatus* (Gravenhorst) and *pallipes* (Holmgren).

*Homoporus* Thomson lapsus for *Homotropus* Foerster

*Labrossytus* [sic] Foerster Thomson = *Labrossyta* Foerster

Type species, *Ichneumon scotopterus* Gravenhorst (Monobasic)

Thomson 1894 : 2001

*Lagarotus* [sic] Foerster Thomson = *Lagarotis* Foerster

*Lathrolestus* [sic] Foerster Thomson = *Lathrolestes* Foerster

*Lathrostiza* [sic] Foerster Thomson = *Lathrostizus* Foerster

*Luphyroscopus* [sic] Foerster Thomson = *Laphyroscopus* Foerster

Type species, *Tryphon gorskii* Ratzeburg

Viereck 1914 : 87

*Olesicampa* [sic] Foerster Thomson = *Olesicampe* Foerster

*Omorga* [sic] Foerster Thomson = *Omorgus* Foerster

*Pammicrus* [sic] Foerster Thomson = *Pammicra* Foerster

*Parabatus* [sic] Foerster Thomson = *Parabates* Foerster

Type species, *Parabatus nigricarpus* Thomson

Endelein 1912 : 106

*Perispudus* [sic] Foerster Thomson = *Perispuda* Foerster

[*Phaestus* Foerster

Type species, *Phaestus heterocerus* Thomson. (Monobasic)

Thomson 1894 : 2017]

*Phobetus* [sic] Foerster Thomson = *Phobetes* Foerster

Type species, *Tryphon fuscicornis* Holmgren

Viereck 1914 : 115

*Phobocampa* [sic] Foerster Thomson = *Phobocampe* Foerster

*Phthorimus* [sic] Foerster Thomson = *Phthorima* Foerster

*Polycinetus* Foerster Thomson emendation pro *Polycinetis* Foerster q.v.

*Polyrhysius* [sic] Foerster Thomson = *Polyrhysia* Foerster

*Polytreres* [sic] Foerster Thomson = *Polytrera* Foerster

[*Proedrus* Foerster

Type species, *Hemiteles luteolator* Gravenhorst

Thomson 1889 : 1360.]

*Rhaestus* [sic] Foerster Thomson = *Rhaestes* Foerster

Type species, *Grypocentrus rufipes* Holmgren (Monobasic)

Thomson 1883 : 924

*Saotus* [sic] Foerster Thomson = *Saotis* Foerster

Thomson 1883 : 933-944. (Many species)

Type species, *Mesoleius* (*Saotus*) *brevispinas* Thomson

Viereck 1914 : 130

*Scopesus* [sic] Foerster Thomson = *Scopesis* Foerster

*Spudaeus* [sic] Foerster Thomson = *Spudaea* Foerster

Type species, *Tryphon leucostomus* Gravenhorst

Viereck 1914 : 136

The Brischke species, *Trematopygus* (*Spudaea*) *clypearis* Brischke, 1888 is invalid as type species, as Thomson had already used the genus

*Synodytes* [sic] Foerster Thomson = *Synodites* Foerster

*Thymarus* [sic] Foerster Thomson = *Thymaris* Foerster

Already used by Brischke

Type species, *Thymaris pulchricornis* Brischke

*Trichocalymmus* [sic] Foerster Thomson = *Trichocalymma* Foerster

Already used by Woldstedt

Type species, *Trichocalymma bipunctatum* Woldstedt

*Zemiophorus* [sic] Foerster Thomson = *Zemiophora* Foerster.

*Zootrephus* [sic] Foerster Thomson = *Zootrephes* Foerster

Already used by Woldstedt

Type species, *Bassus* (*Zootrephes*) *hilaris* Woldstedt

#### FOERSTER GENERA FIRST USED BY BRISCHKE

Considerable confusion still exists in the identity of certain of the Foerster genera which were first used by Brischke for species described by himself. This has been made worse by the loss of the Brischke types. In order to try to rationalize the position, some notes on the possible interpretation of these species are given below.

##### *Bachia*

Type species, *Phygadeuon* (*Bachia*) *testaceipes* Brischke = *Endasys* Foerster sec Habermehl and Schmiedeknecht.

##### *Bathymetis*

Type species, *Phygadeuon* (*Bathymetis*) *cylindricus* Brischke.

This species has never been recognized by any author, and is omitted by Schmiedeknecht. The description gives no clue at present to the possible identity of the species.

##### *Charitopes*

Type species, *Hemiteles* (*Charitopes*) *chrysopae* Brischke.

From Brischke's description, this species would agree best with a specimen sent to the British Museum, named by Schmiedeknecht as *Hemiteles flavigaster* Schmiedeknecht. It is closely related to *Hemiteles brunneus* Morley (syn. *H. hemerobii* Pfankuch,

**syn. n.**) and belongs to a group of species which seem all to be parasites of *Hemerobius*.

### *Dimophora*

Type species, *Dimophora robusta* Brischke.

This Cremastine appears to have been correctly recognized.

### *Erigorgus*

See notes in the general list of types, p. 412

### *Gambrus*

Type species, *Gambrus (Cryptus) maculatus* Brischke.

From the description it would appear that this was probably the male of *Gambrus ornatus* (Gravenhorst), and anyway seems to agree best with some species of *Gambrus* auctt. if considered to be distinct from *ornatus*.

### *Hypocryptus*

Type species, *Mesoleptus (Hypocryptus) testaceicornis* Brischke.

This species has never been placed and I have been unable to recognize any species as probably agreeing with the description.

### *Ischnobatis*

Type species, *Thersilochus* [emend. pro *Ter-*] (*Ischnobatis*) *stramineipes* Brischke (Monobasic). Brischke 1880 : 194.

*Porizon nigrifulus* Gravenhorst ?, placed by Brischke in *Ischnobatis*, is not available for selection as type and thus Viereck's selection of this species is invalid.

*T. (I.) stramineipes* was originally reared from galls of *Pontania* and appears to be the species that can be obtained fairly readily from the *Balaninus* which inhabits these. As at present understood, *Luchatema* Walkley, 1956 is a synonym of this genus.

### *Kaltenbachia*

Type species, *Kaltenbachia ornatus* (Gravenhorst).

Brischke quoted ? *ornatus* Gravenhorst as belonging to this genus and hence placed no determined species in it. However, Dalla Torre 1902 : 552 quotes *ornatus* Gravenhorst as belonging to this genus and hence this should be taken as the reference for the first included species. *Kaltenbachia*, therefore, remains as a synonym of *Gambrus*. The species placed by Schmiedeknecht in *Kaltenbachia* should therefore be transferred to *Nyxeophilus* Foerster.

### *Medophron*

Type species, *Medophron niger* Brischke.

This species has been synonymized with *Phygadeuon affictor* Gravenhorst, and might well have been that species. It is very probable that when the various segregates recognized in the North American fauna are investigated in relation to the European, that *Medophron* will be considered a distinct genus.

### *Naetes*

Type species, *Hemiteles (Naetes) rufus* Brischke, 1892.

I believe this species to be a synonym of *Hemiteles hadrocerus* Thomson, 1884

**syn. n.** For the present, I regard this genus as a synonym of *Orthizema*; neither has come into usage and therefore page priority is accepted.

*Notosemus*

Type species, *Notosemus dives* Brischke, 1887 = *N. bohemani* (Wesmael, 1855).

*Orthizema*

Type species, *Hemiteles (Orthizema) ornatus* Brischke, 1890.

I believe this species to be a synonym of *Hemiteles subannulatus* Bridgman, 1883 **syn. n.**; probably *H. triannulatus* Thomson, 1884 is also the same species.

*Phradis*

Type species, *Thersilochus (Phradis) brevis* Brischke.

I do not know this species.

*Phyzelus*

Type species, *Phyzelus fasciatus* Brischke.

I believe this species to be *Phyzelus flagitator* (Rossi) **comb. n. syn. n.**, which has been placed in *Acanthocryptus* by Schmiedeknecht who, although discussing *Phyzelus*, retained all the species in the one genus. I consider these two genera to be distinct.

*Thaumatotypus*

Type species, *Thaumatotypus femoralis* Brischke, 1881.

Syn. *Pezomachus myrmecinus* Thomson sec Roman and Pfankuch.

This species belongs to the group to which the name *Thaumatogelis* Schmiedeknecht has been applied.

*Thymaris*

Type species, *Thymaris pulchricornis* Brischke.

*Thysiotorus*

Type species, *Hemiteles (Thysiotorus [sic]) brevipennis* Brischke.

This species has been synonymized with *Hemiteles hemipterus* (Fabricius) Gravenhorst. Both *Chamerpes* and *Phyrtus* have the same type species. These latter have been synonymized by Townes with *Eriplanus* but this seems to me to be doubtful.

It seems incredible that Brischke could ever have intended to use the name *Thysiotorus* for this segregate, for *Thysiotorus* as used by Foerster is at once recognizable as referring to the group of species placed under this name by Cushman 1920 including *Leptocryptus lamina* Thomson and the related species of the European fauna. It appears to me much more likely that Brischke wrote *Thysiotorus* as a lapsus for *Phyrtus*, which, after all, is in the section dealing with brachypterous forms in Foerster's key. Further, many specimens of *hemipterus* would run to *Phyrtus*.

Of the three new genera of brachypterous Phygadeuontoidae described by Foerster in 1868, the specimens standing under those names in the part of the Foerster collection in Munich were as follows:—

*Pezoporus*—*Theroscopus hemipterus* (Fabricius).

*Phyrtus*—*Plectocryptus scansor* Thomson ♀ (= *grisescens* Gravenhorst ♂).

*Chamaezelus*—*Stibeutes heinemanni* Foerster.



A further name, attributed by Brischke to Foerster appears as a synonym of *Orthopelma* Taschenberg, namely *Tanytelma* (Brischke, 1881 : 348). Since the status of names first appearing in synonymy is likely to continue to be a subject of controversy, it is thought advisable at least to call attention again to this name.

GENERA OF WHICH NO SPECIMENS HAVE BEEN SEEN

In spite of the search made in the remaining parts of the Foerster Collection, no specimens have been seen representing the following genera, and it has so far been impossible to suggest what species Foerster may have had before him. It is therefore thought inadvisable to select type species for these genera at the present time. They are listed below under the family group name employed by Foerster.

	Phygadeuontoidae	
<i>Epiphobus</i>		
	Porizonoidae	
<i>Epistathmus</i>		
	Campoplegoidae	
<i>Asinamora</i>		<i>Olethrodotis</i>
<i>Dioratica</i>		<i>Pantropa</i>
<i>Dolophron</i>		<i>Rhexineura</i>
	Tryphonoidae	
<i>Alcochera</i>		<i>Phagesorus</i>
<i>Aselasma</i>		<i>Trysicampe</i>
<i>Camporychus</i>		<i>Xenonastes</i>
<i>Hyperbatus</i>		<i>Zapedias</i>
<i>Nythophona</i>		<i>Zaphthora</i>
<i>Paraplesius</i>		

Names which are homonyms have not been considered as they need have no standing in nomenclature, viz. :

<i>Adranes</i>	<i>Ithagenes</i>
<i>Daspletis</i>	<i>Plesiomma</i>
<i>Hybristes</i>	<i>Tolmerus</i>

DESCRIPTIONS OF NEW SPECIES

In four cases, it has been impossible to determine the species placed by Foerster under his genus, and these are described as new. Three of the genera are then considered to be synonyms, *Stygera* of *Cremnodes*, *Pemon* of *Lysibia* and *Gunopaches* of *Phygadeuon*, though when, as seems probable, this latter genus is split up, it is possible that *Gunopaches* may constitute a recognizable segregate.

## Subfamily CRYPTINAE

*Gunopaches crassus* sp. n.

(Text-fig. 1)

Head: temples roundly narrowed behind the eyes; POL: OOL 2:0.6; malar space long, length of malar space: breadth of base of mandible = 6:5; genal sulcus not impressed, represented by a line of coriaceous sculpture; genal carina meeting the hypostomal carina far behind

FIG. 1. *Gunopaches crassus* sp. n. ♀

the base of the mandible; clypeus with two small, apical teeth; epistoma weakly differentiated and weakly raised; frons sparsely punctate, vertex weakly coriaceous or smooth, the genae polished, clypeus with scattered punctures, face with scattered, shallow punctures, coriaceous and in part tending to striae; antenna thickened apically, approximately 17-segmented, segments 3, 4 and 5 in the proportion 15:16:11.

Thorax: pronotal groove somewhat transstriae; notauli distinctly impressed to about one-fifth; disc of mesoscutum coriaceous, and together with the central lobe, having shallow, ill-defined punctures, the lateral lobes polished with faint, sparse punctures; scutellum punctate

apically and laterally, the scutellar fovea with longitudinal striae ; sternauli deeply impressed ; the pleura polished, with the disc very weakly alutaceous, becoming somewhat rugose-punctate anteriorly ; subalar prominence short, rounded, merging into a conspicuous, posterior carina before and above the subalar pit ; sternum short, weakly, shallowly punctate, the epicnemial carina strong, the mesolcus broadly closed posteriorly ; propodeum with conspicuous areae, the area superomedia a regular hexagon and polished, the area dentipara with the posterior carina strongly developed but not produced into an apical tubercle or spine, weakly sculptured, the area petiolaris with coarse, coriaceous sculpture which is very weak anteriorly and becoming strong posteriorly, the posterior lateral areae rugose ; metapleurae polished, with a few, shallow, scattered punctures and somewhat striate posteriorly ; metapleural carina strongly developed. Front wing with vein *3rm* translucent, base of cell *2M* a little longer than *Cu<sub>1b</sub>*, *Cua* a little postfurcal. Hind wing with the apical abscissa of *Cu<sub>1</sub>* faint or absent, *Cu<sub>1</sub>* and *cua* subvertical and hardly angled. Hind leg with the femur not conspicuously thickened, tibia fat, narrowing apically and strongly narrowing basally, spurs subequal, the apical tarsal segments in the proportions 10 : 3 : 9 : 11 ; front tibia thickened, but not conspicuously inflated.

Gaster with tergite 1 having weak carinae to beyond the spiracles, the postpetiole somewhat raised centrally, coriaceous but tending to become longitudinally striate apically ; tergite 2 weakly, coarsely coriaceous and with scattered hairs laterally and subapically ; the following segments polished, tergite 3 with a sub-basal band of hairs and a subapical row of hairs, tergites 4 and 5 sparsely hairy ; laterotergite 2 moderately broad, inflexed, of 3 weakly inflexed ; ovipositor sheaths, seen ventrally : first hind tarsal segment = 7 : 6.

Colour : black ; tergite 2 sordid testaceous, scape sordid testaceous beneath ; legs sordid testaceous with at least the hind coxa, hind tibia basally and apically and the hind tarsus fuscous.

Length : 3 mm.

♂. Unknown.

HOLOTYPE. ♀. Hym. 3b. 2058. SWEDEN : Skåne ; Degeberga, 8.vii.1938 (*J. F. and D. M. S. Perkins*) (B.M. Coll.).

PARATYPES. SWEDEN : Blekinge ; Sjöarp, 2 ♀, 28.v.1953 (*K. J. Heqvist*). (B.M. Coll.). ? GERMANY : 1 ♀ (under *Gunopaches* in Foerster Coll. in Munich Museum), 1 ♀ (under *Pantolispa* in Foerster Coll. in Berlin Museum).

This species is distinguished by the clypeus having two teeth, vein 3 *rm* unpigmented, the propodeum short and tergites 1 and 2 with coriaceous sculpture.

### *Pemon proximum* sp. n.

(Text-fig. 2)

Having the generic characters given for *Haplaspis* Townes 1944. Related to *Hemiteles nanus* Gravenhorst 1829.

Head : the vertex and frons almost without sculpture, strongly shining ; occipital carina at most faintly visible centrally ; genal carina meeting the hypostomal carina immediately behind the base of the mandible ; antenna with 24 segments, antenna of the type without the apical segments.

Thorax : pronotum laterally with only very short striae posteriorly and sparse punctures towards the upper margin ; mesopleurum with three or four striae in front of the pit, with weak, scattered punctures anteriorly, and the sternaulus only extending to about two-thirds the length of the mesopleurum ; mesosternum weakly, though rather closely punctate and shining ; propodeum dorsally and apically strongly shining, with irregular rugae associated only with the carinae, the lateral carina absent ; metapleurum shining, in greater part without sculpture.

Gaster shining, with tergite 1 subapically striate punctate, rather broadly smooth and polished apically; tergite 2 with a crenulate, transverse furrow at two-thirds the distance from the base, polished behind this, coarsely punctate basally, the punctures in part fusing into striae, the punctures becoming sparser towards the furrow; tergite 3 with a weak transverse impression, sparsely, finely punctate basally; the following segments without clear punctures.



FIG. 2. *Pemon proximum* sp. n. ♀.

Colour: black to piceous; scape and pedicel in greater part pale testaceous; mandibles yellow with the teeth black; palps white; hind angle of pronotum and the tegula yellow; gaster with the apical segments red laterally, the tergites narrowly dull reddish apically, the last two tergites white-membranous apically; legs pale testaceous, the front and middle coxae, trochanters and trochantelli yellow, the hind coxa usually infusate basally, hind trochanter and trochantellus yellow, hind femur weakly infusate dorsally, hind tibia infusate apically and the last hind tarsal segment infusate.

Length: 4 mm.



HOLOTYPE. ♀. EUROPE: type locality unknown (*A. Foerster Coll.*) (Berlin. Humboldt University Zoological Museum).

PARATYPE. ENGLAND: Suffolk; Monks' Soham, ♀, 26.viii.1929, on window (*C. Morley*) (B.M. Coll.).

Very closely related to *Haplaspis ceylonensis* Kerrich from Ceylon, and differing from that species in the interrupted occipital carina, the transverse area superomedia, the absence of striae towards the base of the petiole, centrally, and in the piceous, not yellow, clypeus.

This genus belongs to that group which has the transverse pronotal groove conspicuously interrupted centrally. A further point of interest in relation to *Lysibia* (syn. *Pemon*, *Haplaspis*) is that the long malar space is without the usual longitudinal band of coriaceous sculpture.

### *Stygera* Foerster

Possesses the characters given for *Caenomeris* Foerster by Townes 1944, of which it is a synonym. It seems most probable that both are congeneric with the strongly brachypterous *Cremnodes* Foerster and for the present I regard both *Caenomeris* and *Stygera* as synonyms of *Cremnodes*.

It is possible that the Foerster specimen may be distinct specifically from the individual described herewith, but as the propodeal carinae are malformed, it is advisable not to describe it at the present time.

### *Stygera rufipes* sp. n.

(Text-fig. 3)

Head: temples large, subparallel directly behind the eyes, then convexly narrowed; malar space long, malar space: breadth of base of mandible = 3:2; genal carina meeting the hypostomal carina conspicuously behind the base of the mandible; mandibles rather broad, conspicuously narrowed apically, and with the upper tooth longer and larger than the lower; clypeus produced apically into a strong central tooth, punctate basally; epistoma hardly differentiated; frons, temples and genae polished, the malar space coriaceous with sparse punctures, the face coriaceous, more weakly so centrally and towards the eyes, with scattered punctures; interantennal tubercle strong; antenna with 18 segments, the segments of the flagellum somewhat thickened apically, narrowed and somewhat elongate basally; flagellar segments 1, 2 and 3 in the proportions 15:12:10.

Thorax: mesoscutum and scutellum with very shallow, sparse punctures, evenly hairy; scutellar fovea weakly striate; mesopleurum shining, glabrous centrally, with very weak sculpture anteriorly; sternaulus deeply impressed anteriorly, somewhat longitudinally striate posteriorly; epicnemial carina distinct and well-developed; mesosternum similar in sculpture to the mesopleurum, and rather short; propodeum with the area superomedia fused with the area petiolaris and abruptly descending as in *Stilpnines*; costula absent, the remaining carinae distinct; area petiolaris polished, area dentipara weakly, coarsely coriaceous; metapleurum rugose beneath. Wings as described for *Caenomeris*, with the venation somewhat retracted towards the base of the wing. Legs rather thin; hind leg with the coxa coriaceous, femur not thickened, tibia little thickened, narrowed basally, the spurs subequal, rather long, as long as or a little longer than the second hind tarsal segment.

Gaster: tergite 1 subparallel-sided with the spiracles a little prominent, the petiole weakly bicarinate to the spiracles, postpetiole raised centrally; tergite 1 coriaceous laterally and apically, the sculpture tending towards longitudinal striae, with a subapical row of hairs and

scattered hairs laterally; tergite 2 rather broad, faintly, coarsely coriaceous, sparsely hairy laterally, with one or two hairs subbasally, a row of sparse hairs centrally and a row of sparse hairs at the apical two-thirds; laterotergites of segment 2 somewhat narrow; rest of the gaster narrowing from the apex of tergite 2 to the apex of the gaster, polished; tergite 3 with sparse



FIG. 3. *Stygera rufipes* sp. n. ♀.

hairs laterally and rows of sparse hairs at one-third and two-thirds from the base; the following segments sparsely hairy, on tergite 4 reduced to a transverse row centrally; ovipositor sheaths a little shorter than the first segment of the hind tarsus.

Colour: black; the scape, beneath, and the basal segments of the flagellum dirty-pale testaceous; tegulae yellow; legs pale testaceous, the hind tibia somewhat infusate basally and apically and the hind tarsi weakly infusate; tergite 2 pale testaceous, infusate laterally, tergite 3 pale testaceous, infusate laterally and apically.

Length: 3 mm.

HOLOTYPE. ♀. Hym. 3b. 2059. ENGLAND: Hants; Brockenhurst, 7.vi.1938 (R. B. Benson) (B.M. Coll.).

Differs from *Caenomeris nigripes* (Ashmead) (syn. *polita* Ashmead) in the pale testaceous legs and middle of gaster; in the more elongate basal flagellar segments (of *nigripes* 10:10:7); in the postanellus being distinctly longer than the malar space, whereas in *nigripes* it is at most as long as the malar space; in tergite 2 being weakly sculptured basally. I wish to thank Miss Luella Walkley for giving me the opportunity of examining a specimen of *Caenomeris nigripes* (Ashmead).

### Subfamily CTENOPELMATINAE

#### *Terozoa* Foerster

This genus is related to *Rhorus* and *Ischyrocnemis*, but as stated by Foerster in his key to genera, has the teeth of the very broad mandible more or less divided so that it appears to be quadridentate, the inner teeth being shorter than the subequal, outer teeth.

Both *Terozoa* and *Ischyrocnemis* have very well developed epomiae and simple claws. *Ischyrocnemis* has no glymmae but a well developed, apical thorn on the front tibia; *Terozoa* has deep glymmae and a minute, apical thorn.

#### *Terozoa quadridens* sp. n.

Head transverse, rather narrow but with the temples a little diverging behind the eyes; occipital carina complete, genal carina incomplete, the postgena somewhat hollowed out ventrad where it is irregularly, obliquely striate; malar space rather long, about two-thirds the width of the base of the mandible; clypeus rather long, rounded apically and roundly, inwardly inflexed apically, not divided from the face which is somewhat incised centrally below the antennal sockets; frons centrally carinate; face and clypeus punctate, tending to rugose-punctate centrally, malar space rugose-punctate, the punctures becoming sparser on the gena, gradually becoming sparse and small on the temples and vertex, the frons more distinctly punctate than the temples; base of mandible weakly tuberculate, mandible with four apical teeth; antennae of type damaged.

Thorax with rather close, silvery, recumbent pubescence; pronotal collar moderate, rather weakly differentiated, epomiae very strong; mesoscutum with the notauli barely perceptible anteriorly; scutellum raised, the lateral carinae only weakly represented basally; subalar prominence weak, rounded; episternal scrobe shallow, close to the mesopleural suture; epicnemial carina absent dorsally, only reaching a little above the line of the lower angle of the pronotum where it is angled, absent centrally and strongly raised into high lobes on either side of this; propodeum strongly areated with the rather small hexagonal area superomedia having the anterior carina erased, dentiparal area truncate apically and with no costula, petiolar area with a weak, central carina, the submetapleural carina somewhat raised anteriorly; pronotum, mesoscutum and scutellum finely punctate, mesepisternum more coarsely punctate, the punctures becoming finer dorsad, and finer and closer on the sternum, the speculum polished, propodeum in part smooth, irregularly rugose in the area superomedia and area petiolaris, metapleurum finely punctate. Front wing with the stigma moderate, receiving *Rs* + *2r*, which is curved basally, before the middle; cell *2Rs* very shortly petiolate, rhomboidal, a little broader than high and receiving vein *2mCu* at the outer quarter; *2mCu* outwardly bent between the two fenestrae and with a stub of a vein projecting; cell *1M* with the sides converging anteriorly; vein *Cu<sub>1</sub>b* posteriorly, inwardly curving, but *Cua* posteriorly, outwardly curved. Hind wing with six wing hooks; apical abscissae of *Rs*, *M*, *Cu<sub>1</sub>* and *1A* all discernible almost to the margin of the wing; basal abscissa of *Rs* longer than *1rM* and not curved basally; *M* + *Cu<sub>1</sub>* weakly



curved ; nervellus a little postfurcal with  $Cu_1$  subequal to  $cua$ . Legs with the front trochanter long, front tibia with a minute apical tooth ; hind trochanter, viewed dorsally, subparallel-sided except at the base, last hind tarsal segment shorter than segment 3, inner hind tibial spur subequal to segment 2 of tarsus, the outer spur a little shorter than the inner ; claws impunctate, rather broad and shortly curved apically.

Gaster shining with rather close, silvery, decumbent pubescence, petiolate ; tergite 1 with spiracles behind the middle, sternum 1 free and not quite reaching the line of the spiracles, lateral carina extending to the apex of the segment where it is very strong, but is weak just behind the spiracle, the petiole with a raised, flattened, central area but the postpetiole evenly, transversely convex ; tergite 2 with the thyridiae rather large and subbasal ; laterotergites not observable in the type, the spiracle of tergite 3 little removed from the lateral margin of the segment.

Colour : black ; the clypeus sharply margined with yellow apically, vertex with a pair of yellow, orbital spots ; front and middle femora marked with dirty yellow anteriorly, the tibiae in greater part dirty yellow and the tarsi in part pale ; hind leg black with the spurs dirty white ; tergite 1 red apically, the remaining tergites and the claspers red.

HOLOTYPE. ♂. ? GERMANY. (*A. Foerster Coll.*) (Munich, Bayerische Staats Sammlung).

LIST OF TYPE SPECIES OF THE FOERSTER GENERA OF  
ICHNEUMONIDAE

It has been found that certain arbitrary decisions have had to be made in order to bring some consistency into the way in which the type species are arrived at. The case of the Thomson usage of names has already been discussed, but further to this, it should be pointed out that the previous treatment of these names can vary considerably in any one work ; for instance, Viereck 1914 treats certain names as emendations, others as new generic names, and where the spelling agreed with the original spelling of Foerster, he assumed Thomson was directly using the Foerster name. Schmiedeknecht, Roman and Cushman, in particular, have tried to make out the actual species which they thought Foerster had before him ; where these interpretations differed from the concept of following the first included species, they have considered such type designation as invalid. This position has been clarified by the Paris and Copenhagen decisions of the International Commission on Zoological Nomenclature.

Following the Copenhagen decision, I have excluded as available for type species of genera those cases where an author has written some such phrase as " species B *would* belong to genus A ", showing some doubt about placement of the species ; this, in actual fact, causes no changes of type species. Naturally any name with which a question mark is associated, or with such qualifications as " may belong " or " perhaps belongs to genus A " is rejected.

In cases where two competing generic names have not previously been used, I have naturally accepted page priority. However, in a number of cases, names with no previously included type species would by page and place priority take precedence over other names which have been used for a longer or shorter time. In these cases I have followed the precept of stability and first reviser, and have synonymized these genera with the names in current use.

Sometimes, Foerster used a name of his own in place of a well established genus. This was a puzzle to me until I found the reason in Schmiedeknecht 1888 : 439.



Here, under *Meniscus*, he states that Foerster proposed new names for genera which were used in plants. In some cases, he took as homonyms names having the same derivation. I have therefore considered that in these cases, given in Foerster's index, the Foerster names are new names not new genera, and therefore must have the same type species as the genus which they were supposed to replace.

In the following alphabetical list of genera the page associated with the genus heading is that in Foerster 1868, but where the genus was described by Foerster in some other publication, it is preceded by the relevant date. Where the genus is now regarded as being a synonym, the valid name follows an "equals" sign; the same applies to the type species. Where a name is preceded by syn., the name is a synonym of the principal genus. The authority for the first synonymizing of genera and species is included with date and in brackets, e.g., = *Alegina* Foerster, 1868 (Townes 1944).

The papers which appeared relevant of Brischke, Kriechbaumer, Tschek and Schmiedeknecht have been examined in order to trace overlooked first inclusions of species in the Foerster genera. A certain number of such inclusions has been found and no doubt as time goes on, still further cases will be discovered.

***Aclastus* : 175.**

Type species, *Aclastus rufipes* Ashmead, 1902

Included by Ashmead 1902 : 187 (Monobasic)

= *Gnyptomorpha* Foerster, 1868 (Roman 1925, Townes 1944)

= *Gnyptomorpha rufipes* (Ashmead, 1902)

***Acrolyta* : 174.**

Type species, *Acrolyta empretiae* Ashmead, 1896

Included by Ashmead 1896a : 209 (Three species)

Designated by Viereck 1914 : 4

= *Acrolyta nigricapitata* (Cook & Davis, 1891) (Townes 1944)

***Actenonyx* : 195 nec White, 1846.**

Type species, *Ichneumon marginatorius* Fabricius, 1793

Included by Schmiedeknecht 1911 : 2303 (Monobasic)

= *Exenterus* Hartig, 1838 (Townes 1944)

= *Exenterus marginatorius* (Fabricius, 1793)

***Adexioma* : 206.**

Type species, *Adexioma angularia* Davis, 1898

Included by Davis 1898 : 284 (Monobasic)

= *Lamachus* Foerster, 1868 (Townes 1945)

= *Lamachus angularius* (Davis, 1898)

***Adiastola* : 180.**

Type species, *Adiastola americana* Howard, 1897

Included by Howard 1897 : 54 (Monobasic)

= *Mastrus* Foerster, 1868 (Townes 1944)

= *Mastrus americanus* (Howard, 1897)

**Adranes** : 205 nec Leconte, 1850.

**Aenoplex** : 176.

Type species, *Aenoplex betulaecola* Ashmead, 1896

Included by Ashmead 1896a : 208 (Monobasic)

= *Mastrus* Foerster, 1868 (Townes 1944)

= *Mastrus pilifrons* (Provancher, 1879) (Townes 1944)

**Aeolometis** : 207.

Type species, *Scolobates italicus* Gravenhorst, 1829

Included by Thomson 1892a : 1870 (Monobasic)

syn *Tachyporthus* Foerster, 1868

= *Aeolometis italicus* Gravenhorst, 1829

Meyer 1936 and Townes 1945 consider this genus a synonym of *Mesoleius* Holmgren.

**Agasthenes** : 178.

Type species, *Hemiteles varitarsus* Gravenhorst, 1829 (By present designation)

= *Agasthenes varitarsus* (Gravenhorst, 1829) **comb. n.**

This agrees with the interpretation by Roman 1925 : 13 who suggested that *Hemiteles varitarsus* might belong here. *Agasthenes* includes the European species placed by Roman in *Astomaspis* in the above paper, with the exception of *nanus* (Gravenhorst, 1829), which is the type species of *Lysibia* Foerster, q.v.

**Agrothereutes** 1850 : 79.

Type species, *Pezomachus abbreviator* (Fabricius) ; Gravenhorst, 1829

Included by Foerster 1850 : 81 (Two species)

Designated by Viereck 1914 : 7

= *Agrothereutes abbreviator* (Fabricius, 1793)

**Agrypon**, 1860 : 151.

Type species, *Ophion flaveolatum* Gravenhorst, 1807

Included by Foerster 1860 : 152 (Many species)

Designated by Morley 1913 : 424

= *Agrypon flaveolatum* (Gravenhorst, 1807)

**Alcima** : 152.

Type species, *Campoplex orbitalis* Gravenhorst, 1829

Included by Brischke 1880 : 147 (Monobasic)

= *Casinaria* Holmgren, 1858 (Szépligeti 1911)

= *Casinaria orbitalis* (Gravenhorst, 1829)

**Alcocerus** : 161.

Type species, *Tryphon? trifasciatus* Cresson, 1864

Included by Davis 1897 : 207 (Monobasic)

= *Colpotrochia* Holmgren, 1856 (Townes 1945)

= *Colpotrochia trifasciata* (Cresson, 1864)

**Alcochera** : 205.

***Alegina* : 176.**

Type species, *Algina* [sic] *alaskensis* Ashmead, 1902

Included by Ashmead 1902 : 188 (Monobasic)

= *Alegina solitarius* (Ashmead, 1902) (Cushman 1922, Townes 1944)

***Alexeter* : 199.**

Type species, *Mesoleptus ruficornis* Gravenhorst, 1829

Included by Woldstedt 1877 : 459 (Three species)

Designated by Viereck 1914 : 7

= *Alexeter sectator* (Thunberg, 1822)

Townes 1945, regards this genus as a synonym of *Mesoleius* Holmgren.

***Allocamptus* : 150.**

Type species, *Ophion undulatus* Gravenhorst, 1829

Included by Thomson 1888 : 1189 (Monobasic)

= *Enicospilus* Stephens, 1820 (Morley 1913)

= *Enicospilus undulatus* (Gravenhorst, 1829)

***Allocota* : 173 nec Motschoulsky, [1860].**

Type species, *Allocota confederatae* Ashmead, 1896

Included by Ashmead 1896a : 208 (Monobasic)

= *Chirotica* Foerster, 1868 **syn. n.**

= *Chirotica confederatae* (Ashmead, 1896) **comb. n.**

***Allocritus* : 211.**

Type species, *Mesoleius tenuiventris* Holmgren, [1856] (By present designation)

= *Mesoleius* Holmgren, 1855 **syn. n.**

= *Mesoleius tenuiventris* Holmgren, [1856]

***Allomacrus* : 177.**

Type species, *Allomacrus pimplarius* Thomson, 1888

Included by Thomson 1888b : 1282 (Monobasic)

***Allophrys* : 147.**

Type species, *Thersilochus* [sic] *oculatus* Ashmead, 1895

Included by Szépligeti 1905 : 56 (Three species)

Designated by Viereck 1914 : 8

= *Allophrys oculatus* (Ashmead, 1895)

***Alloplasta* : 167.**

Type species, *Lissonota murina* Gravenhorst, 1829

Included by Woldstedt 1877 : 445 (Monobasic)

= *Alloplasta piceator* (Thunberg, 1822) (Roman 1912 as *Meniscus*) [c.f. *Amersibia* where this species has been incorrectly placed].

***Ameloctonus* : 157.**

Type species, *Banchus fugitivus* Say, 1836

Included by Ashmead in Smith 1900a : 582 (Two species)

Designated by Viereck 1914 : 9

= *Hyposoter* Foerster, 1868 (Gahan 1914)

= *Hyposoter fugitivus* (Say, 1836)

**Amersibia** : 167, n.n. for *Meniscus* Schiødte.

Type species, *Ichneumon catenator* Panzer, 1804

This antedates *Meniscus (Amersibia) variipes* Szépligeti included by Szépligeti 1900 : 18, 36 (Monobasic)

*Amersibia*, being a new name, takes the same type species as *Meniscus*.

**Amesolytus** : 161.

Type species, *Amesolytus ferrugineus* Ashmead, 1896

Included by Ashmead 1896a : 201 (Monobasic)

= *Exochus* Gravenhorst, 1829 (Uchida 1930)

= *Exochus ferrugineus* (Ashmead, 1896)

**Amorphognathon** : 203.

Type species, *Tryphon melanocerus* Gravenhorst, 1829

Included by Kriechbaumer 1897a : 185 (Monobasic)

= *Trematopygus* Holmgren, 1855 (Roman 1925)

= *Trematopygus melanocerus* (Gravenhorst, 1829)

**Amorphota** : 151.

Type species, *Amorphota orgyiae* Howard, 1897

Included by Howard 1897 : 20, fig. 7, and 53 (Monobasic)

= *Casinaria* Holmgren, 1858 (Gahan 1914)

= *Casinaria limenitidis* (Howard, 1889) (Townes 1945)

**Anecphysis** : 195.

Type species, *Anecphysis curvineura* Davis, 1897

Included by Davis 1897 : 234 (Monobasic)

= *Exyston* Schiødte, 1839 (Townes 1944)

= *Exyston nigreo* Davis, 1897 (Townes 1944)

**Anempheres** : 154.

Type species, *Anempheres diaphaniae* Viereck, 1911

Included by Viereck, 17 April 1911a : 188 (Monobasic)

= *Casinaria* Holmgren, 1858 (Gahan 1914)

= *Casinaria infesta* (Cresson, 1872) (Gahan 1914)

*Anephares* [sic] *rufipes* Hancock 1911, *Nature Sketches in Temperate America* : 177 has not been seen, and the exact date of publication has not been discovered. Thus the Viereck reference has been taken as the prior publication.

**Aneuclis** : 147.

Type species, *Isurgus rufipes* Szépligeti, 1899

Included by Szépligeti October (at latest) 1905 : 55 (Five species and two synonyms)

Designated by Viereck 1914 : 11

= *Aneuclis maritimus* (Thomson, 1889) (Szépligeti 1905)

**Aniarophron** : 162.

Type species, *Aniarophron niger* Szépligeti, 1901 (By present designation)

Included by Szépligeti in Zichy 1901 : 141 (Three species)

**Anilastus** : 157.

Type species, *Campoplex rapax* Gravenhorst, 1829

*Anilasta* [emend. pro *-tus*], included by Thomson 1887 : 1169 (Many species)

Designated by Viereck 1910 : 383

= *Hyposoter* Foerster, 1868 (Gahan 1914)

= *Hyposoter rapax* (Gravenhorst, 1829)

**Aniseres** 1871 : 92.

Type species, *Aniseres pallipes* Foerster, 1871

Included by Foerster 1871 : 93 (Two species)

Designated by Viereck 1914 : 11

= *Proclitus* Foerster, 1868

= *Proclitus spectabilis* Foerster, 1871 (cf. Thomson 1888b : 1304)

**Anisoctenion** : 194.

Type species, *Acrotomus xanthopus* Holmgren, 1855

Included by Schmiedeknecht 1907a : 618 (Monobasic)

= *Anisoctenion alacer* (Gravenhorst, 1829) (Pfankuch 1906)

**Anopiesta** : 193.

Type species, *Herpestomus ardeicollis* Wesmael, 1844 (By present designation)

= *Eriplatys* Foerster, 1868 **syn. n.**

= *Eriplatys ardeicollis* (Wesmael, 1844)

**Apechthis** : 164.

Type species, *Pimpla rufata* (Gmelin) ; Gravenhorst, 1829

Included by Woldstedt 1877 : 442 (Two species)

As *Pimpla rubata* [lapsus pro *rufata*] Gravenhorst, designated by Ashmead 1900b : 57

= *Apechthis rufata* (Gmelin, 1790)

**Aperileptus** : 170.

Type species, *Plectiscus albipalpus* Gravenhorst, 1829

Included and designated by Foerster 1871 : 76 (Many species)

= *Aperileptus albipalpus* (Gravenhorst, 1829)

**Aphanistes** : 145.

Type species, *Anomalon bellicosum* Wesmael, 1849

Included by Brischke 1880 : 135 (Three species and one synonym)

Designated by Viereck 1914 : 13

= *Aphanistes bellicosus* (Wesmael, 1849)

**Aphanodon** : 166.

Type species, *Phytodietus errabundus* Gravenhorst, 1829

Included by Schmiedeknecht 1888 : 436 (Monobasic)

= *Cryptopimpla* Taschenburg, 1863

= *Cryptopimpla errabunda* (Gravenhorst, 1829)

**Aphanoroptrum** : 168.

Type species, *Lissonota ruficornis* Gravenhorst, 1829

Included by Thomson 1877 : 736

= *Aphanoroptrum abdominale* (Gravenhorst, 1829)



Thomson quotes the species as "*Aphanoropta* [emend. pro -um] *ruficornis* (*Pimpla* Grav.)." This was a lapsus for *Lissonota ruficornis*, a well-known synonym of *Aphanoroptum abdominale* (Gravenhorst). There is no true basis for the selection by Viereck of *Pimpla ruficollis* Gravenhorst as the emendation of *ruficornis* given by Thomson.

***Apimeles* : 205.**

Type species, *Apimeles lusorius* Davis, 1898

Included by Davis 1898 : 283 (Monobasic)

= *Grypocentrus* Ruthe, 1855 (Townes 1944)

= *Grypocentrus flavipes* (Provancher, 1882) (Townes 1944)

***Apoclima* : 171.**

Type species, *Apoclima signaticorne* Foerster, 1871

Included and designated by Foerster 1871 : 98 (Monobasic)

***Apsilops* : 182.**

Type species, *Cryptus hirtifrons* Ashmead, 1890

Included by Ashmead 1896a : 207 (Monobasic)

= *Apsilops hirtifrons* (Ashmead, 1890)

***Apterophygus* : 172.**

Type species, *Apterophygus? paradoxus* Bridgman, 1889

Included as *Hemiteles (Apterophygus) paradoxus* (Bridgman) by Schmiedeknecht 1897 : 133 (Monobasic)

= *Phygadeuon* Gravenhorst, 1829 **syn. n.**

= *Phygadeuon paradoxus* (Bridgman, 1889) **comb. n.**

***Aptesis* 1850 : 82.**

Type species, *Ichneumon sudeticus* Gravenhorst, 1815

Included by Foerster 1850 : 86 (Many species)

Designated by Viereck 1914 : 14

= *Aptesis nigrocincta* (Gravenhorst, 1815)

***Apystus* : 212.**

Type species, *Tryphon albopictus* Gravenhorst, 1829 (By present designation)

= *Hypamblys* Foerster, 1868 **syn. n.**

= *Hypamblys albopictus* (Gravenhorst, 1829)

***Aritranis* : 187.**

Type species, *Cryptus explorator* Tschek, 1870

Included by Tschek 1870 : 156 (Two species)

Designated by Viereck 1914 : 15

Syn. *Hoplocryptus* Thomson, 1873 **syn. n.**

= *Aritranis explorator* (Tschek, 1870)

Tschek 1870 : 140 includes *Cryptus coxator* Tschek and *Cryptus fuscicornis* Tschek under *Aritranis*. This is a misprint which is corrected on page 156. This correction has been accepted and the above type designation is considered valid.

*Cryptus carnifex* Gravenhorst was invalidly designated as type species by Schmiedeknecht 1890 : 121, as this was not one of the two originally included species.

**Aschistus** : 177.

Type species, *Hemimachus variabilis* Ratzeburg, 1852

Included by Brischke 1891 : 71 (Two species and one synonym)

Designated by Viereck 1914 : 15

=*Gelis* Thunberg, 1827

=*Gelis cursitans* (Fabricius, 1775)

**Aselasma** : 209.

**Asinamora** : 155.

**Asphragis** : 166.

Type species, *Lissonota occupator* Gravenhorst, 1829

Included by Schmiedeknecht 1888 : 434 (Four species)

Designated by Viereck 1914 : 15

=*Cylloceria* Schiødte, 1838 **syn. n.** (syn. *Lampronota* auctt.)

=*Cylloceria occupator* (Gravenhorst, 1829) **comb. n.**

The type of *Lissonota occupator* was labelled by Pfankuch as *Lampronota langei* Brauns, 1905. When I saw the specimen in 1936, I agreed with this determination.

**Asthenara** : 203.

Type species, *Asthenarus* (emend. pro -ra] *crassifemur* Thomson, 1889

Included by Thomson 1889a : 1437 (Monobasic)

=*Asthenara socius* (Holmgren, 1855) (Roman 1910)

**Asthenomeris** : 168.

Type species, *Asthenomeris nigricoxis* Schmiedeknecht, 1888

Included by Schmiedeknecht 1888 : 426 (Monobasic)

**Asthenoptera** : 175.

Standing under this name in the Foerster Collection is a *Gelis* male with a deep genal sulcus ; males of this species group are as yet unable to be identified.

Roman 1925 : 17 suggests that this genus was probably erected for *Hemiteles stagnalis* Thomson, 1884 and *lissonotoides* Thomson, 1885.

**Astiphromma** : 170.

Type species, *Mesochorus scutellatus* Gravenhorst, 1829

Included by Brischke 1880 : 179, 180, 191, 192 (Six species)

Designated by Morley 1913 : 516

=*Astiphromma scutellatum* (Gravenhorst, 1829)

**Astomaspis** : 175.

Type species, *Astomaspis metathoracica* Ashmead, 1904

Included by Ashmead 1904 : 140 (Monobasic)

**Astrenis** : 148.

Type species, *Hambergiella sinuata* Roman, 1909 (By present designation).

Syn. *Hambergiella* Roman, 1909 **syn. n.**

= *Astrenis sinuata* (Roman, 1909) **comb. n.**

Both *H. sinuata* and *Mengersenia paradoxa* Schmiedeknecht, 1907 were present in the Foerster Collection under this name. Both agree in fair measure with Foerster's key, but perhaps *H. sinuata* agrees a little better and hence is selected as type species.

Authors have regarded *Mengersenia*, Schmiedeknecht, 1907 as being synonymous with *Hambergiella* Roman, 1909, but present evidence seems to me to warrant the retention of these two genera as distinct.

**Asymmictus** : 200.

Type species, *Asymmictus iridescens* Davis, 1898

Included by Davis 1898 : 325 (Two species)

Designated by Viereck 1914 : 16

**Asyncrita** 1876 : 29.

Type species, *Atractodes foveolatus* Gravenhorst, 1829

Included and designated by Foerster 1876 : 30 (Many species)

= *Asyncrita foveolata* (Gravenhorst, 1829)

Some authors synonymize this genus with *Atractodes* Gravenhorst, 1829.

**Ateleute** : 171.

Type species, *Ateleute linearis* Foerster, 1871

Included and designated by Foerster 1871 : 99 (Monobasic)

**Atithasus** : 210.

Type species, *Atithasus stellarius* Davis, 1898

Included by Davis 1898 : 291 (Monobasic)

= *Labrossyta* Foerster, 1868 (Townes 1945)

= *Labrossyta bimaculata* (Ashmead, 1896) (Townes 1945)

**Atmetus** : 160.

Type species, *Atmetus tetrazonatus* Ashmead, 1896

Included by Ashmead 1896a : 204 (Three species)

Designated by Viereck 1914 : 17

= *Orthocentrus* Gravenhorst, 1829 (Townes 1945)

= *Orthocentrus tetrazonatus* (Ashmead, 1896)

**Atrestes** : 209.

Type species, *Catoglyptus (Stiphrosomus) sulcatus* Thomson, 1895 (By present designation)

= *Trapezocora* Foerster, 1868 **syn. n.**

= *Trapezocora sulcata* (Thomson, 1895) **comb. n.**

**Atrometus** : 146.

Type species, *Atrometus insignis* Foerster, 1878

Included by Foerster 1878 : 77 (Two species)

Designated by Viereck 1914 : 17



**Azelus** : 205.

Type species, *Tryphon erythropalpus* (Gmelin) ; Gravenhorst, 1829 (By present designation)

= *Azelus erythropalpus* (Gmelin, 1790) **comb. n.**

syn. *Epachthes* Foerster, 1868 nec Nordman, 1832 **syn. n.**

**Bachia** : 186 nec Gray, 1845.

Type species, *Phygadeuon (Bachia) testaceipes* Brischke, 1891

Included by Brischke 1891 : 69 (Monobasic)

= *Endasys* Foerster, 1868 (syn. *Bachiana* Strand, 1928 (n.n.)) (Viereck 1914)

= *Endasys testaceipes* (Brischke, 1891)

**Baeosemus** : 194.

Type species, *Ichneumon mitigosus* Gravenhorst, 1829

Included by Holmgren 1889 : 424 (Two species)

Designated by Ashmead 1900b : 23

= *Baeosemus mitigosus* (Gravenhorst, 1829)

**Barycnemis** : 147.

Type species, *Porizon claviventris* Gravenhorst, 1829

Included by Brischke 1880 : 192 (Monobasic)

= *Barycnemis claviventris* (Gravenhorst, 1829)

**Barydotira** : 178.

Type species, *Barydotira hammari* Viereck, 1912

Included by Viereck 1912d : 584 (Monobasic)

= *Alegina* Foerster, 1868 (Townes 1944)

= *Alegina hammari* (Viereck, 1912)

**Barylypa** : 146.

Type species, *Anomalon (Barylypa) genalis* Thomson, 1892

Included by Thomson 1892 : 1767 (Two species)

Designated by Viereck 1914 : 19

= *Barylypa delictor* (Thunberg, 1822) (Habermehl 1920)

*Anomalon perspicillator* Gravenhorst, designated by Morley 1913 is invalid as this species was not originally included.

**Baryntica** : 184.

Type species, *Stylocryptus elegans* Schmiedeknecht, 1932 (By present designation)

= *Baryntica elegans* (Schmiedeknecht, 1932) **comb. n.**

This I regard for the present as representing a distinct genus.

**Barytarbes** : 212.

Type species, *Tryphon colon* Gravenhorst, 1829

As *Mesoleius (Barytarbus* [emend. pro -es]) *colon* (Gravenhorst), included by Thomson 1883 : 931 (Five species)

Designated by Viereck 1914 : 20

= *Barytarbes colon* (Gravenhorst, 1829)

**Bathycetes** : 167.

Type species, *Ichneumon catenator* Panzer, 1804

Included and designated by Schmiedeknecht, 1888 : 439 (Monobasic)

= *Lampronota* Curtis, 1832

= *Lampronota catenator* (Panzer, 1804)

**Bathymetis** : 182.

Type species, *Phygadeuon (Bathymetis) cylindricus* Brischke, 1891

Included by Brischke 1891 : 70 (Two species)

Designated by Viereck 1914 : 20

= *Phygadeuon* Gravenhorst, 1829

= *Phygadeuon cylindricus* (Brischke, 1891)

**Bathyplectes** : 156.

Type species, *Campoplex exiguus* Gravenhorst, 1829

Included as a synonym of *Canidia* Holmgren by Szépligeti 1911 : 12, 13

(Many species)

As *Canidia exigua*, designated by Viereck 1914 : 20

= *Bathyplectes exiguus* (Gravenhorst, 1829)

**Bathythrix** : 176.

Type species, *Bathythrix meteori* Howard, 1897

Included by Howard 1897 : 53 (Two species)

Designated by Viereck 1914 : 20

**Bioblapsis** : 162.

Type species, *Bassus flavipes* Holmgren, [1856] nec Lucas, 1846

Included by Dalla Torre 1901 : 242 (Monobasic)

= *Bioblapsis polita* (Snellen, 1878) **comb. n.**

**Blapsidotes** : 177.

Type species, *Hemiteles melanarius* Gravenhorst, 1829 (By present designation)

= *Blapsidotes melanarius* (Gravenhorst, 1829) **comb. n.**

This species, at present included in *Hemiteles*, I regard as belonging to a separate segregate.

**Blapticus** : 171.

Type species, *Blapticus leucostomus* Foerster, 1871

Included and designated by Foerster 1871 : 83 (Monobasic)

**Boethus** : 210.

Type species, *Boethus howardi* Davis, 1898

Included by Davis 1898 : 290 (Three species)

Designated by Viereck 1914 : 22

= *Boethus schizoceri* (Howard, 1888) (Viereck 1914)

**Bothynophrys** : 166.

Type species, *Ichneumon catenator* Panzer, 1804

Included by Woldstedt 1877 : 444 (Monobasic)

Synonymized by Schmiedeknecht 1888 : 439 with *Bathycetes*

=*Lampronota* Curtis, 1832

=*Lampronota catenator* (Panzer, 1804)

***Brachycephalus*** : 179 nec Fitzinger, 1826.

Type species, *Hemiteles aestivalis* Gravenhorst, 1829

Included by Roman 1925 : 14 (Four species)

Designated by Townes 1944 : 180

=*Dichrogaster* Doumerc, 1855 **syn. n.** (syn. *Brachycranium* Ashmead, 1900 (n.n.))

=*Dichrogaster aestivalis* (Gravenhorst, 1829) **comb. n.**

***Brephoctonus*** : 159.

Type species, *Plectiscus impurator* Gravenhorst, 1829

Included and designated by Foerster 1871 : 79 (Monobasic)

=*Plectiscus* Gravenhorst, 1829 (Townes 1958) (syn. *Leipaulus* Townes, 1945)

***Cacotropa*** : 208.

Type species, *Cacotropa sericea* Thomson, 1888

Included by Thomson 1888a : 1259 (Monobasic)

=*Sphecophaga* Westwood, 1840

=*Sphecophaga vesparum* (Curtis, 1828)

***Caenomeris*** : 174.

Type species, *Xestophya nigripes* Ashmead, 1902

Included and designated by Townes 1944 : 227

=*Cremnodes* Foerster, 1850 **syn. n.**

=*Cremnodes nigripes* (Ashmead, 1902) **comb. n.** (cf. also *Stygera*)

***Calliclisis*** : 169.

Type species, *Ephialtes hecticus* Gravenhorst, 1829

Included by Schmiedeknecht 1888 : 440-1 (Three species)

Designated by Viereck 1914 : 25

=*Calliclisis hectica* (Gravenhorst, 1829)

***Callidiotes*** : 199.

Type species, *Mesoleptus coxator* Gravenhorst, 1829

Included by Foerster 1876 : 19 (Monobasic)

=*Oxytorus* Foerster, 1868 (Meyer 1936 : 147)

=*Oxytorus luridator* (Gravenhorst, 1829) (Pfankuch 1906)

***Callidora*** : 157.

Type species, *Callidora annellata* Thomson, 1887

Included by Thomson 1887 : 1136 (Two species)

Designated by Viereck 1912c : 633

***Calliphrurus*** : 210.

Type species, *Calliphrurus granulosis* Davis, 1898

Included by Davis 1898 : 290 (Monobasic)

=*Alegina* Foerster, 1868 (Townes 1944)

=*Alegina granulosa* (Davis, 1898)

**Camarotops** : 160.

Type species, *Neuratelus* [sic] *ulmicola* Ashmead, 1896

As *Camerotops* [lapsus pro *Camar-*], included by Davis 1897 : 226 (Four species)

Designated by Viereck 1914 : 28

= *Stenomacrus* Foerster, 1868 (Townes 1945)

= *Stenomacrus ulmicola* (Ashmead, 1896)

**Campodorus** : 213.

Type species, *Mesoleius melanogaster* Holmgren, [1855] (By present designation)

= *Mesoleius* Holmgren, [1855] **syn. n.**

= *Mesoleius melanogaster* Holmgren, [1855]

**Campogenes** : 209.

Type species, *Tryphon antilope* Gravenhorst, 1829 (By present designation)

= *Trapezocora* Foerster, 1868 **syn. n.**

= *Trapezocora antilope* (Gravenhorst, 1829) **comb. n.**

**Campoletis** : 157.

Type species, *Mesoleptus tibiator* Cresson, 1864

Included by Houghton 1907 : 89 (Monobasic)

syn. *Sagaritis* Holmgren, 1858, *Sagaritopsis* Hincks, 1944

= *Campoletis tibiator* (Cresson, 1864)

**Camponastes** : 212.

Type species, *Camponastes basilicus* Davis, 1898

Included by Davis 1898 : 292 (Monobasic)

= *Polyterus* Foerster, 1868 (Townes 1945)

= *Polyterus basilicus* (Davis, 1898)

**Campoporus** : 210.

Type species, *Ichneumon dictator* Thunberg, 1822 (By present designation)

= *Trematopygus* Holmgren, [1855] **syn. n.**

= *Trematopygus dictator* (Thunberg, 1822)

**Camporychus** : 208.**Camposcopus** : 145.

Type species, *Camposcopus aclerivora* Rohwer, 1915

Included by Rohwer 1915 : 226 (Monobasic)

= *Erigorgus* Foerster, 1868 (Townes 1945)

= *Erigorgus aclerivora* (Rohwer, 1915)

**Campothreptus** : 201.

Type species, *Mesoleptus nasutus* Cresson, 1868

Included by Davis 1897 : 247 (Monobasic)

= *Campothreptus nasutus* (Cresson, 1868)

**Campotrephus** : 152.

Type species, *Campoplex tenuiventris* Gravenhorst, 1829

Quoted as a synonym of *Casinaria* Holmgren by Szépligeti 1911 : 13, 15 (Many species)

Designated by Viereck 1914 : 27

=*Casinaria* Holmgren, [1858]

=*Casinaria tenuiventris* (Gravenhorst, 1829)

**Catalytus** 1851 : 62.

Type species, *Pezomachus fulveolatus* Gravenhorst, 1829

Included by Foerster 1851 : 63 (Three species)

Designated by Viereck 1914 : 28

=*Catalytus fulveolatus* (Gravenhorst, 1829)

**Catastenus** : 170.

Type species, *Catastenus femoralis* Foerster, 1871

Included and designated by Foerster 1871 : 75 (Monobasic)

Szépligeti 1911 : 55 regarded this as synonym of *Symplecis* Foerster, 1868.

**Chaeretymma** : 187.

Type species, *Cryptus anatorius* Gravenhorst, 1829

Included and designated by Schmiedeknecht 1890 : 117 (Monobasic)

=*Chaeretymma anatorius* (Gravenhorst, 1829)

The designation by Cushman 1920 : 259 of *Cryptus ater* Brischke is invalid as Brischke 1880 : 338 states that he was unable to bring the four species (including *ater*) to the right genus either in Thomson or Foerster, but possibly the species belonged to *Chaeretymma* Foerster.

The designation of *Cryptus furcator* Gravenhorst by Viereck 1914 : 30 is antedated.

Townes 1944 synonymized this segregate with *Cubocephalus* Ratzeburg, 1848, but this synonymy is very doubtful.

**Chamaezelus** : 181.

Type species, *Stibeutes heinemanni* Foerster, 1850 (By present designation)

=*Stibeutes* Foerster, 1850 **syn. n.** (q.v.)

**Chamerpes** : 172.

Type species, *Pezomachus hemipterus* (Fabricius) ; Gravenhorst, 1829

Included by Ashmead 1900b : 209 and 27 (Monobasic)

=*Theroscopus* Foerster, 1850

=*Theroscopus hemipterus* (Fabricius, 1793) **comb. n.**

*Chamerpes* is quoted as a synonym of *Phyrtus* by Ashmead 1900 Index. Viereck has accepted this as the designation of the type species of both genera.

Townes 1944 has synonymized this genus with *Eriplanus* Foerster, 1868.

**Charitopes** : 181.

Type species, *Hemiteles (Charitopes) chrysopae* Brischke, 1890

Included by Brischke 1890 : 105 (Monobasic)

=*Charitopes chrysopae* (Brischke, 1890)

**Chirotica** : 173.

Type species, *Hemiteles insignis* Gravenhorst, 1829

As *Hemiteles (Chirotica) insignis* included by Schmiedeknecht 1897 : 502 (Monobasic)

=*Chirotica trifasciator* (Thunberg, 1822) (Roman 1912) **comb. n.**



The name *Chirotica* has been used in preference to *Diaglypta* because of page priority. Both names have had a similar amount of use.

***Chorischizus* : 168.**

Type species, *Acoenites nigripennis* Gravenhorst, 1829

Included by Schmiedeknecht 1888 : 426 (Monobasic)

= *Phaenolobus* Foerster, 1868 (Roman 1910)

= *Phaenolobus nigripennis* (Gravenhorst, 1829)

***Chriodes* : 178.**

Type species, *Chriodes* [sic] *oculatus* Ashmead, 1905 (Monobasic)

Included by Ashmead 1905 : 966

= *Chriodes oculatus* Ashmead, 1905

***Cidaphurus* : 159.**

Type species, *Ichneumon volutatorius* Linnaeus, 1758

Included by Woldstedt 1877 : 439 (Monobasic)

= *Banchus* Fabricius, 1798 (Szépliget 1911)

= *Banchus volutatorius* (Linnaeus, 1758)

***Cidaphus* : 149.**

Type species, *Cidaphus thuringiacus* Brauns, 1890

Included by Brauns 1890 : 78 (Two species)

Designated by Viereck 1914 : 33

= *Cidaphus alarius* (Gravenhorst, 1829) (sec Szépliget 1911 and Roman 1939)

***Clepsiorthus* : 200.**

Type species, *Mesoleptus* ? *rubiginosus* Cresson, 1878

Included by Davis 1898 : 326 (Four species)

Designated by Viereck 1914 : 33

= *Himerta* Foerster, 1868 (Cushman 1927)

= *Himerta rubiginosa* (Cresson, 1878)

***Cnemischys* : 201.**

Type species, *Adelognathus* (*Cnemischus* [emend. pro -ys]) *pilosus* Thomson, 1888

Included by Thomson 1888b : 1277 (Two species)

Designated by Townes 1944 : 144

= *Cnemischys pilosus* (Thomson, 1888)

***Coeloconus* : 203.**

Type species, *Ichneumon brachyacanthus* Gmelin, 1790

Included by Morley 1911 : 178 (Monobasic)

Viereck 1914 gives the date as 1912 in error. The copy in the British Museum has the receipt date 23.12.1911.

= *Coeloconus brachyacanthus* (Gmelin, 1790)

Townes & Townes 1950 consider this genus as a synonym of *Monoblastus* Hartig, 1837.

**Colocnema** : 184.

Type species, *Cryptus rufinus* Gravenhorst, 1829

Included by Thomson 1874 : 590 (Monobasic)

syn. *Coelocryptus* Thomson, 1873 **syn. n.**

= *Colocnema rufina* (Gravenhorst, 1829)

(syn. *erythrostrictus* Gravenhorst, 1829 (Thomson 1874))

**Conoblata** : 165.

Type species, *Glypta ceratites* Gravenhorst, 1829

Included by Woldstedt 1877 : 444 (Two species)

Designated by Viereck 1914 : 35

= *Glypta* Gravenhorst, 1829

= *Glypta ceratites* Gravenhorst, 1829

**Cosmoconus** : 203.

Type species, *Ichneumon elongator* Fabricius, 1775

Included by Woldstedt 1877 : 459 (Monobasic)

= *Cosmoconus elongator* (Fabricius, 1775)

**Cretnodes** 1850 : 72.

Type species, *Ichneumon atricapillus* Gravenhorst, 1815

Included and designated by Foerster 1850 : 73 (Three species)

syn. *Cretnias* Roman, 1939 (unnecessary new name)

= *Cretnodes atricapillus* (Gravenhorst, 1815)

**Ctenacme** : 196.

Type species, *Polyblastus* (*Ctenacmus* [emend. pro -e]) *scutellaris* Thomson, 1883

Included by Thomson 1883 : 901

Designated by Morley 1913 : 335 as *scutellatus* Thomson, 1888, n.n. for *Polyblastus scutellaris* Thomson, 1883 nec *P. scutellaris* Holmgren, [1855]

If the above designation is considered invalid, then the type species is *Polyblastus* (*Ctenacmus* [emend. pro -e]) *genalis* Thomson, 1883 designated by Viereck 1914 : 39

= *Ctenochira* Foerster, 1855 (Townes & Townes 1949) (the above alternative type species does not affect this synonymy)

= *Ctenochira scutellatus* (Thomson, 1888)

**Ctenochares** : 191.

Type species, *Ichneumon xanthomelas* Brullé, 1846

Included and designated by Schmiedeknecht 1903 : 256 (Two species)

= *Ctenochares instructor* (Fabricius, 1793)

Schmiedeknecht states that Foerster in his unpublished manuscript cited *Ichneumon xanthomelas* Brullé as the type of this genus. I accept this as a designation of type.

**Ctenochira** 1855 : 226.

Type species, *Ctenochira bisinuata* Foerster, 1855

Included by Foerster 1855 : 226 (Monobasic)

**Daetora** : 175.

Type species, *Hemiteles solutus* Thomson, 1884 (By present designation)  
 = *Gnyptomorpha* Foerster, 1868 **syn. n.**  
 = *Gnyptomorpha solutus* (Thomson, 1884)

**Daictes** : 176.

Type species, *Phygadeuon (Daictes) fukaii* Viereck, 1911  
 Included by Viereck 1911a : 194 (Monobasic)  
 = *Mastrus* Foerster, 1868 (Townes 1957)  
 = *Mastrus fukaii* (Viereck, 1911)

**Dapanus** : 183.

Type species, *Ichneumon cinctorius* Fabricius, 1775  
 Included and designated by Ashmead 1900b : 29 (Monobasic)  
 = *Apsilops* Foerster, 1868 (Townes 1944)  
 = *Apsilops cinctorius* (Fabricius, 1775)

**Daspletis** : 205 nec Loew, 1858.**Deleter** : 160.

Type species, *Deleter obscurus* Davis, 1897  
 Included by Davis 1897 : 221 (Three species)  
 Designated by Viereck 1914 : 42  
 = *Stenomacrus* Foerster, 1868 (Townes 1945)  
 = *Stenomacrus americanus* (Ashmead, 1896) (Townes 1945)

**Deloglyptus** : 193.

Type species, *Deloglyptus punctiventris* Thomson, 1891  
 Included by Thomson 1891 : 1623 (Monobasic)

**Delolytus** : 189.

Type species, *Atractodes varicornis* Holmgren, [1858]  
 Included by Foerster 1876 : 19 (Monobasic)  
 = *Oxytorus* Foerster, 1868  
 = *Oxytorus luridator* (Gravenhorst, 1829)

**Delomerista** : 164.

Type species, *Pimpla mandibularis* Gravenhorst, 1829  
 Included and designated by Schmiedeknecht 1888a : 448 (Monobasic)  
 = *Delomerista mandibularis* (Gravenhorst, 1829)

**Delotomus** : 194, n.n. for *Acrotomus* Holmgren, [1855].

Type species, *Tryphon lucidulus* Gravenhorst, 1829  
 Foerster 1868 quotes *Acrotomus* Holmgren as a synonym of *Delotomus* ; Thomson 1883 quotes the genus as *Delotomus* Holmgren.

**Demopheles** : 186.

Type species, *Phygadeuon caliginosus* Gravenhorst, 1829  
 Included by Dalla Torre 1902 : 678 (Monobasic)  
 = *Demopheles caliginosus* (Gravenhorst, 1829)



**Diaborus** : 195.

Type species, *Cteniscus (Diaborus) sedulus* Woldstedt, 1877

Included by Woldstedt 1877 : 455 (Two species)

Designated by Viereck 1912a : 176

= *Cteniscus* Haliday, 1837 (Schmiedeknecht 1912)

= *Cteniscus sedulus* Woldstedt, 1877

**Diacritus** : 191.

Type species, *Mesostenus rufipes* Provancher, 1875 (later quoted as *Mesoliptus* [sic] *rufipes* to which genus Provancher transferred it.

Included by Dalla Torre 1902 : 770 (One species and two synonyms)

Designated by Viereck 1914 : 43

= *Diacritus muliebris* (Cresson, 1868) (Cushman 1918)

The designation by Townes 1944 : 808 is invalid as *Mesoleptus* ? *muliebris* Cresson was only doubtfully included in the genus and is not therefore available. Davis 1895 : 288 states that " it would belong to his (Foerster's) genus *Diacritus* ".

**Diadegma** : 153.

Type species, *Campoplex crassicornis* Gravenhorst, 1829

Included by Schmiedeknecht 1907a : 599 (Monobasic)

= *Meloboris* Holmgren, [1858]

= *Meloboris crassicornis* (Gravenhorst, 1829)

**Diaglypta** : 176.

Type species, *Diaglypta radiata* Ashmead, 1895

Included by Ashmead 1895 : 780 (Monobasic)

= *Chirotica* Foerster, 1868 **syn. n.**

= *Chirotica radiata* (Ashmead, 1895) **comb. n.**

**Dialges** : 206.

Type species, *Tryphon vepretorum* Gravenhorst, 1829

Included by Kriechbaumer, June 1897 : 169 (Monobasic)

= *Otlophorus* Foerster, 1868 **syn. n.**

= *Otlophorus vepretorum* (Gravenhorst, 1829)

The inclusion of a species by Davis, July–Sept. 1897 (quoted by Viereck 1914 : 44) is therefore antedated.

**Dialipsis** : 171.

Type species, *Dialipsis exilis* Foerster, 1871

Included by Foerster 1871 : 84 (Many species)

Designated by Viereck 1914 : 44

**Diaparsis** : 149.

Type species, *Porizon nutritor* (Fabricius) ; Gravenhorst, 1829

As *Thersilochus* [emend. pro *Ter-*] (*Diaparsus* [emend pro *-is*]) *nutritor* Gravenhorst, included by Thomson 1889 : 1373 (Many species)

As *Ophion nutritor* F., designated by Morley 1913 : 514

= *Diaparsis nutritor* (Fabricius, 1804)

***Diaschisaspis* : 192.**

Type species, *Diaschisaspis campoplegoides* Holmgren, 1889

Included by Holmgren 1889 : 354 (Monobasic)

***Diatora* : 180.**

Type species, *Diatora prodeniae* Ashmead, 1904

Included by Ashmead 1904 : 141 (Monobasic)

***Diblastomorpha* : 165.**

Type species, *Cryptus (Glypta) bicornis* Desvignes, 1856

Included by Woldstedt 1877 : 444 (Monobasic)

= *Glypta* Gravenhorst, 1829

= *Glypta bicornis* Boie, 1850

***Diceratops* : 167.**

Type species, *Pimpla bicornis* Gravenhorst, 1829

Included by Schmiedeknecht 1888 : 438 (Monobasic)

= *Syzeuctus* Foerster, 1868 (Morley 1908)

= *Syzeuctus bicornis* (Gravenhorst, 1829)

***Dicolus* : 171.**

Type species, *Dicolus insectator* Foerster, 1871

Included by Foerster 1871 : 97 (Four species)

Designated by Viereck 1914 : 45

***Diedrus* : 200.**

Type species, *Diedrus areolatus* Davis, 1898

Included by Davis 1898 : 324 (Two species)

Designated by Viereck 1914 : 45

= *Ctenopelma* Holmgren, [1855] (Townes 1945)

= *Ctenopelma areolatum* (Davis, 1898)

***Dimophora* : 155.**

Type species, ? *Dimophora robusta* Brischke, 1880

Included by Brischke 1894 : 55 (Monobasic)

Brischke 1880, included three species as belonging to ? *Dimophora* ; these are therefore unavailable as type species at that date.

***Dinotomus* : 188.**

Type species, *Ichneumon lapidator* Fabricius, [1787]

Included by Berthoumieu 1896 : 296 (Three species and four synonyms)

Designated by Ashmead 1900b : 14

= *Trogus* Panzer, 1806 (Viereck 1914)

= *Trogus lapidator* (Fabricius, [1787])

***Diectes* : 153, nec Ménériés, 1849 nec Reichenbach, 1850.**

Type species, *Campoplex exareolatus* Ratzeburg, 1852

Included by Schmiedeknecht 1907a : 599 (Two species)

Designated by Viereck 1914 : 46

=*Nythobia* Foerster, 1868 **syn. n.** (syn. *Inareolata* Ellinger and Sachtleben, 1927-8) (n.n.)

=*Nythobia exareolata* (Ratzeburg, 1852) **comb. n.**

**Dioratica** : 153.

**Dirophanes** : 183.

Type species, *Phygadeuon* (*Dirophanes*) *plesius* Viereck, 1912

Included by Viereck 1912b : 148 (Monobasic)

=*Phaeogenes* Wesmael, 1844 (Townes 1944)

=*Phaeogenes hariolus* (Cresson, 1867) (Cushman 1922)

Cushman 1922, stated that this species should be placed in *Herpestomus* ; Townes does not place *Herpestomus*.

**Dizemon** : 199.

Type species, *Mesoleptus typhae* (Fourcroy) ; Gravenhorst, 1829

Included as *Dicemon* [lapsus pro *Diz-*] by Kriechbaumer 1891a : 136 (Monobasic)

=*Hadrodactylus* Foerster, 1868 (Kriechbaumer 1891)

=*Hadrodactylus typhae* (Fourcroy, 1785)

*Dicemon prolixus* Foerster MS. is quoted by Kriechbaumer, 1891, as an aberration of *H.* [*adrodactylus*] *typhae*.

**Dolioctonus** : 212.

Type species, *Ichneumon defectivus* Gravenhorst, 1820 (By present designation)

=*Himerta* Foerster, 1868 **syn. n.**

=*Himerta defectiva* (Gravenhorst, 1820)

**Dolophron** : 155.

**Dysantes** : 207.

Type species, *Ichneumon debitor* Thunberg, 1822 (By present designation)

=*Lagarotis* Foerster, 1868 **syn. n.**

=*Lagarotis debitor* (Thunberg, 1822)

Townes 1945 has synonymized *Lagarotis* with *Mesoleius* Holmgren, [1855].

**Dyspetes** : 201.

Type species, *Tryphon praerogator* (Linnaeus) ; Gravenhorst, 1829

As *Dyspetus* [emend. pro *-es*] included by Thomson 1883 : 899 (Monobasic)

=*Dyspetes fracticeps* Townes & Townes 1950

It is possible that under the rules, this species should be known as *Dyspetes praerogator* Thomson.

**Ecclinops** : 201.

Type species, *Tryphon orbitalis* Gravenhorst, 1829

Included by Thomson 1883 : 913 (Seven species and one synonym)

Designated by Viereck 1914 : 49

=*Lathrolestes* Foerster, 1868 (Townes 1945)

=*Lathrolestes orbitalis* (Gravenhorst, 1829)

**Echthronomas** : 151.

Type species, *Casinaria ochrostoma* Holmgren, [1858]

Included by Schmiedeknecht 1908 : 1593 (Monobasic)

= *Echthronomas tricinctus* (Gravenhorst, 1829) (Pfankuch 1923)

**Ecpaglus** : 185.

Type species, *Phygadeuon brevicornis* Gravenhorst, 1829

Included and designated by Ashmead 1900b : 30 (Monobasic)

= *Schenkia* Foerster, 1868 (Townes 1944)

= *Schenkia graminicola* (Gravenhorst, 1829) (Thomson 1883)

**Ecphora** : 154 nec Conrad, 1843.

Type species, *Campoplex viennensis* Gravenhorst, 1829

Included by Thomson 1887 : 1124 (Three species)

Designated by Viereck 1914 : 50

= *Ecphoropsis* Ashmead, 1900 (n.n.)

= *Ecphoropsis viennensis* (Gravenhorst, 1829)

**Ecporthetor** : 184.

Type species, *Cryptus fortipes* Gravenhorst, 1829

Included and designated by Ashmead 1900b : 30 (Monobasic)

= *Cubocephalus* Ratzeburg, 1848 (Same type species)

= *Cubocephalus distinctor* (Thunberg, 1822) (Roman 1912)

**Eczetesis** : 196.

Type species, *Perilissus paniscoides* Ashmead, 1896

Included by Davis 1897 : 253 (Monobasic)

= *Absyrtus* Holmgren, [1858] (Cushman 1922)

= *Absyrtus paniscoides* (Ashmead, 1896)

**Encrates** : 180 nec Gistel, 1848.

Type species, *Hemiteles* (*Encratis* [sic] ?) *subimpressus* Brischke, 1892

Included by Dalle Torre 1902 : 670 (Monobasic)

= *Encrateola* Strand, 1916 (n.n.)

= *Encrateola laevigatus* (Ratzeburg, 1848) **syn. n.**

This probably represents a distinct genus of the *Hemiteles* complex.

**Endasys** : 184.

Type species, *Stylocryptus analis* Thomson, 1883

Included by Roman 1909 : 243 (Two species)

Designated by Viereck 1914 : 51

= *Endasys analis* (Thomson, 1883)

**Enizemum** : 162.

Type species, *Bassus tibialis* Cresson, 1868

Included by Davis 1895a : 27 (Monobasic)

= *Enizemum petiolatum* (Say, 1836) (Townes 1940)

***Enoecetis* : 211.**

Type species, *Enoecetis scutellaris* Kriechbaumer, 1897

Included by Kriechbaumer 1897 : 175 (Monobasic)

***Ensimus* : 167 nec Thomson, 1859.**

Type species, *Lissonota dubia* Holmgren, [1854]

Included by Schmiedeknecht 1888 : 438 (Four species)

Designated by Viereck 1914 : 51.

= *Pimplopterus* Ashmead, 1900 (Townes 1944)

= *Pimplopterus dubius* (Holmgren, [1854])

***Entelechia* 1871 : 110.**

Type species, *Entelechia suspiciosa* Foerster, 1871

Included by Foerster 1871 : 111 (Monobasic)

***Entypoma* : 171.**

Type species, *Entypoma robustum* Foerster, 1871

Included and designated by Foerster 1871 : 82 (Monobasic)

***Epachthes* : 205 nec Nordman, 1832.**

Type species, *Tryphon erythropalpus* (Gmelin) ; Gravenhorst, 1829

As *Epachtus* [emend. pro -es], included by Thomson 1894 : 1999 (Two species)

Designated by Viereck 1914 : 51

= *Azelus* Foerster, 1868, **syn. n.**

= *Azelus erythropalpus* (Gmelin, 1790) **comb. n.**

I regard *Anisotacrus* Schmiedeknecht, 1913 as having been described as a new genus, not as a new name for *Epachtus* (lapsus pro -es) in Thomson, having regard to the discussion which Schmiedeknecht gives, which is based on the non-agreement of included species with Foerster's diagnosis.

***Eparces* : 193.**

Type species, *Centeterus (Eparces) grandiceps* Thomson, 1891

Included by Thomson 1891 : 1638 (Monobasic)

= *Eparces grandiceps* (Thomson, 1891)

***Epiphobus* : 185.*****Epistathmus* : 149.**

Szépligeti 1905a : 531 gives ? *Epistathrum* [sic] ? *jucunda* Holmgren (i.e. ? *Thersilochus jucundus* Holmgren, [1858])

***Epitomus* : 192.**

Type species, *Epitomus parvus* Thomson, 1891

Included by Thomson 1891 : 1626 (Monobasic)

***Epiurus* : 164 nec Rafinesque, 1815.**

Type species, *Pimpla brevicornis* Gravenhorst, 1829

Included by Woldstedt 1877 : 443 (Five species)

Designated by Ashmead 1900b : 58

= *Scambus* Hartig, 1838

= *Scambus brevicornis* (Gravenhorst, 1829)



**Eremochila** : 165.

Type species, *Pimpla ruficollis* Gravenhorst, 1829

Included and designated by Schmiedeknecht 1888a : 449 (Monobasic)

= *Eremochila ruficollis* (Gravenhorst, 1829)

**Eremotylus** : 150.

Type species, *Ophion marginatum* (Jurine) ; Gravenhorst, 1829

Included by Thomson 1888 : 1193 (Monobasic)

= *Eremotylus marginatus* (Jurine, 1807)

**Eriborus** : 153.

Type species, *Anilasta perfida* (Gravenhorst) ; Thomson, 1887

Included by Schmiedeknecht 1907a : 599 (Two species)

As *Erioborus* [lapsus pro *Eribo-*], designated by Morley 1913 : 469

= *Hyposoter* Foerster, 1868 **syn. n.**

= *Hyposoter perfidus* (Gravenhorst, 1829) **comb. n.**

**Eridolius** : 195.

Type species, *Exenterus pygmaeus* Holmgren, [1855]

Included by Thomson 1883 : 889 (Monobasic)

= *Cteniscus* Haliday, 1837 (Mason in Muesebeck, Krombein & Townes 1951)

= *Cteniscus pygmaeus* (Holmgren, [1855])

**Erigloea** : 202.

Type species, *Erigloea polita* Kriechbaumer, 1891

Included by Kriechbaumer 1891b : 299 (Three species)

Designated by Viereck 1914 : 53

= *Xenoschesis* Foerster, 1868 (Cushman 1915)

= *Polycinetis* Foerster (subgenus of *Xenoschesis*) (Townes 1945)

= *Xenoschesis (Polycinetis) resplendens* (Holmgren, [1855])

**Erigorgus** : 146.

Type species, *Anomalon fibulator* Gravenhorst, 1829 (By present designation)

Included by Brischke 1880 : 136 (Three species)

= *Erigorgus fibulator* (Gravenhorst, 1829)

Viereck 1914, made an invalid selection of type for this genus. Brischke assigned three species definitely to *Erigorgus*, namely *Anomalon fibulator* Gravenhorst, *A. perspicillator* Gravenhorst and *A. rufum* Holmgren. In addition, he described *Anomalon* (? *Erigorgus*) *carinatum* as new and it is this species which Viereck erroneously selected as the type species of the genus, for species doubtfully referred to a genus are not available for selection as the type species. I therefore now select as type species *Anomalon fibulator* Gravenhorst. This retains the traditional usage of *Erigorgus* of European authors so far as is at present known. Townes has synonymized *Erigorgus* with *Gravenhorstia*. *Anomalon perspicillator* Gravenhorst, *A. rufum* Holmgren and *A. (? E.) carinatum* have been placed in *Barylypa* by European workers.



**Eriplanus** : 180.

Type species, *Hemiteles (Eriplanus) metacomet* Viereck, 1917

Included by Viereck, 1917 : 340 (Monobasic)

= *Eriplanus micator* (Gravenhorst, 1807) (Townes 1944)

**Eriplatys** : 193.

Type species, *Herpestomus ardeicollis* Wesmael, 1844

Included by Thomson 1891 : 1616 (Monobasic)

= *Eriplatys ardeicollis* (Wesmael, 1844)

**Eripternus** : 152.

Type species, *Eripternus tarsalis* Szépligeti, 1911

Included by Szépligeti 1911 : 10 (Two species)

Designated by Viereck 1914 : 54

Ashmead in Smith 1900a : 581 quotes *E. primus* Ashmead ; this however is a nomen nudum.

**Ernoctona** : 183.

Type species, *Phygadeuon rugulosus* Gravenhorst, 1829 (By present designation)

= *Phygadeuon* Gravenhorst, 1829 **syn. n.**

**Eryma** : 202 nec Meyer, 1840.

Type species, *Eryma stygium* Kriechbaumer, 1891

Included by Kriechbaumer 1891b : 301 (Monobasic)

= *Ctenopelma* Holmgren, [1855] (Roman 1910) (syn. *Neoeryma* Ashmead, 1898 (n.n.))

= *Ctenopelma nigrum* Holmgren, [1855] (Roman 1910)

**Ethelurgus** : 180.

Type species, *Hemiteles (Ethelurgus) loniceræ* Viereck, 1917

Included by Viereck 1917 : 340 (Monobasic)

= *Ethelurgus syrphicola* (Ashmead, 1890) (Townes 1944)

**Eudelus** : 179.

Type species, *Hemiteles scabriculus* Thomson, 1884 (By present designation)

= *Eudelus scabriculus* (Thomson, 1884) **comb. n.**

This confirms the supposition of Roman 1925 : 13. *Eudelus* represents a distinct segregate of the genus *Hemiteles* (s.l.)

**Eugnomus** : 147 nec Schoenherr, 1847.

Type species, *Eugnomus manni* Tschek, 1871

Included by Tschek 1871 : 67 (Monobasic)

= *Eucremastus* Szépligeti, 1905 (Ceballos 1921)

= *Eucremastus manni* (Tschek, 1871) **comb. n.** (syn. *Eucremastus brevicornis* Szépligeti (Ceballos 1921))

**Eusterinx** : 172.

Type species, *Eusterinx oligomera* Foerster, 1871

Included by Foerster 1871 : 109 (Many species)

Designated by Viereck 1914 : 57

**Eutomus** : 148 nec Dejean, 1835.

Type species, *Isurgus lanceolatus* Szépligeti, 1899

*Eutomus* is included as a synonym of *Isurgus* by Szépligeti 1905 : 57-8 (Many species)

Designated by Viereck 1914 : 58

=*Isurgus* Foerster, 1868 (Szépligeti 1905)

**Exacrodoxus** : 210.

Type species, *Exacrodoxus populans* Morley, 1913

Included by Morley 1913 : 330 (Monobasic)

=*Perilissus* Holmgren, [1855] **syn. n.**

=*Perilissus populans* (Morley, 1913) **comb. n.**

**Exeristes** : 164.

Type species, *Pimpla roborator* (Fabricius) ; Gravenhorst, 1829

Included and designated by Schmiedeknecht 1888 : 448 (Monobasic)

=*Exeristes roborator* (Fabricius, 1793)

**Exolytus** : 189 Foerster nec Holmgren, 1858.

Type species, *Ichneumon laevigatus* Gravenhorst, 1820

Included and designated by Foerster 1871 : 49

=*Mesoleptus* Gravenhorst, 1829 (Viereck 1912)

=*Mesoleptus laevigatus* (Gravenhorst, 1820)

Foerster describes this genus as new. It is a synonym of and isogenotypic with *Exolytus* Holmgren (= *Mesoleptus* Gravenhorst).

**Gambrus** : 188.

Type species, *Gambrus (Cryptus) maculatus* Brischke, 1888

Included by Brischke 1888 : 106 (Monobasic)

=*Gambrus incubitor* (Linnaeus, 1758) (Roman 1932)

**Gastroporus** : 206.

Type species, *Hyperallus caliroae* Viereck, 1911 (By present designation)

=*Hyperallus* Foerster, 1868 **syn. n.**

Cushman 1920 : 264 doubtfully refers *Phthorima borealis* Ashmead to this genus.

**Gausocentrus** : 198.

Type species, *Gausocentrus gyrini* Ashmead, 1894

Included by Ashmead Jan. 1894 : 25 (Monobasic)

=*Bathythrix* Foerster, 1868 (Townes 1944)

=*Bathythrix gyrini* (Ashmead, 1894)

**Gemophaga** : 211.

Type species, *Gemophaga rufa* Ashmead, 1902

Included by Ashmead 1902 : 223 (Monobasic)

=*Ctenochira* Foerster, 1855 (Townes & Townes 1949)

=*Ctenochira rufa* (Ashmead, 1902)

**Genarches** : 200.

Type species, *Mesoleptus facialis* Gravenhorst, 1829

Included by Kriechbaumer 1891 : 45 (Monobasic)

=*Perispuda* Foerster 1868

=*Perispuda facialis* (Gravenhorst, 1829)

*Genarches strangulator* Foerster MS. is quoted as a synonym of *Perispuda facialis* (Gravenhorst) by Kriechbaumer 1891 and by the first revisor principle, *Genarches* must be taken as a synonym of *Perispuda*.

**Giraudia** : 184.

Type species, *Cryptus congruens* Gravenhorst, 1829

As *Cryptus congruen* [lapsus pro *-ens*], included and designated by Ashmead 1900b : 30 (Monobasic)

=*Giraudia gyratoria* (Thunberg, 1822) (Roman 1912)

**Glyphicnemis** : 181.

Type species, *Phygadeuon vagabundus* Gravenhorst, 1829

Included and designated by Ashmead 1900b : 28 (Monobasic)

=*Glyphicnemis vagabundus* (Gravenhorst, 1829)

**Gnathochorisis** : 152.

Type species, *Gnathochorisis flavipes* Foerster, 1871

Included and designated by Foerster 1871 : 113 (Monobasic)

**Gnesia** : 202 nec Doubleday, 1848.

Type species, *Gnesia caliroae* Rohwer, 1915

Included and designated by Rohwer 1915 : 220 (Monobasic)

=*Esigna* n.n.

=*Esigna caliroae* (Rohwer, 1915) **comb. n.**

**Gnotus** : 179.

Type species, *Hemiteles tenuicornis* Gravenhorst 1829 (By present designation) (from description)

=*Gnotus tenuipes* (Gravenhorst, 1829) **comb. n.** (Pfankuch 1920)

I have taken *tenuicornis* as the type species of the genus as this is based on the female ; the association of the male (*tenuipes*) still remains in some doubt.

**Gnyptomorpha** : 173.

Type species, *Hemiteles apertus* Thomson, 1884

Included and designated by Roman 1925 : 14 (Four species)

=*Gnyptomorpha aperta* (Thomson, 1884)

**Gonolochus** : 148.

Type species, *Gonolochus fenestralis* Szépligeti, 1899

Included by Szépligeti 1899 : 227, 243 (Monobasic)

**Gonophonus** : 169.

Type species, *Gonophonus mokrzeckii* Kokujev, 1902

Included by Kokujev 1902 : 280 (Monobasic)

=*Gonophonus propinquus* (Tschek, 1868) (Clément 1938)

**Gonotypus** : 153.

Type species, *Gonotypa* [emend. pro -us] *melanostoma* Thomson, 1887

Included by Thomson 1887 : 1137 (Monobasic)

**Gunopaches** : 174.

Type species, *Gunopaches crassus* Perkins, 1962

= *Phygadeuon* Gravenhorst 1829 **syn. n.**

= *Phygadeuon crassus* (Perkins, 1962) **comb. n.**

**Habromma** : 176.

Type species, *Habromma nigrum* Ashmead, 1902

Included by Ashmead 1902 : 188 (Monobasic)

= *Phygadeuon* Gravenhorst, 1829 (Townes 1944)

= *Phygadeuon uncinatus* (Ashmead, 1902) (Cushman 1922)

**Habronyx** 1860 : 145.

Type species, *Habronyx gravenhorstii* Foerster, 1860

Included by Foerster 1860 : 148 (Monobasic)

There is some doubt about the identity of this species.

**Hadrodactylus** : 199.

Type species, *Ichneumon typhae* Fourcroy, 1785

Included by Woldstedt 1877 : 459 (Two species)

Designated by Viereck 1914 : 65

= *Hadrodactylus typhae* (Fourcroy, 1785)

**Hedylus** : 183.

Type species, *Hedylus crassicornis* Ashmead, 1898

Included by Ashmead 1898b : 339 (Monobasic)

**Helcostizus** : 186.

Type species, *Cryptus brachycentrus* Gravenhorst, 1829

Included by Schmiedeknecht 1888 : 441 (One species and one synonym)

Designated by Viereck 1914 : 67

= *Helcostizus albator* (Thunberg, 1822) (Roman 1912)

**Hemiphanes** : 172.

Type species, *Hemiphanes flavipes* Foerster, 1871

Included by Foerster 1871 : 101 (Two species)

Designated by Viereck 1914 : 68

**Heterocola** : 148.

Type species, *Thersilochus* [emend. pro *Ter-*] *proboscidalis* Thomson, 1889.

Included by Szépligeti 1899 : 221, 238 (Monobasic) (p. 238 as *Heterocolea* lapsus pro -la)

= *Heterocola proboscidalis* (Thomson, 1889)

**Heterotypus** : 183.

Type species, *Ichneumon cinctorius* Fabricius, 1775 (By present designation)

= *Apsilops* Foerster, 1868 **syn. n.**

= *Apsilops cinctorius* (Fabricius, 1775)

**Hidryta** : 187.

Type species, *Brachyryptus erythrocerus* Thomson, 1873

Included by Dalla Torre 1902 : 551 (Four species)

Designated by Viereck 1914 : 69

= *Hidryta sordida* (Tschek, 1870) (Habermehl 1930)

**Himerta** : 200.

Type species, *Euryproctus* (*Himertus* [emend. pro -a]) *bisannulatus* Thomson, 1883

Included by Thomson 1883 : 927 (Two species)

Designated by Viereck 1914 : 70

= *Himerta bisannulata* (Thomson, 1883)

Kriechbaumer 1897 : 165 places *Euryproctus affinis* Holmgren in this genus stating Foerster's specimen to be this species.

**Hodostates** : 202.

Type species, *Hodostatus* [emend. pro -es] *brevis* Thomson, 1883

Included by Thomson 1883 : 929 (Monobasic)

= *Hodostates brevis* Thomson, 1883

**Holmgrenia** : 213.

Type species, *Holmgrenia lanceolata* Davis, 1898

Included by Davis 1898 : 294 (Six species)

Designated by Viereck 1914 : 71

= *Mesoleius* Holmgren, [1855] (Townes 1945)

= *Mesoleius lanceolatus* (Davis, 1898)

**Holocremnus** : 157.

Type species, *Limneria cothurnata* Holmgren, [1858]

As *Holocremna* [emend. pro -us], included by Thomson 1887 : 1178 (Many species)

Designated by Viereck 1914 : 71

= *Holocremnus cothurnatus* (Holmgren, [1858])

**Holocrepis** : 193.

Type species, *Holocrepis rufipes* Schmiedeknecht, 1903

Included and designated by Schmiedeknecht 1903 : 297 (Monobasic)

**Holomeristus** : 171.

Type species, *Holomeristus tenuicinctus* Foerster, 1871

Included and designated by Foerster 1871 : 81 (Monobasic)

**Homalomma** : 198.

Type species, *Homalomma caliroae* Rohwer, 1915

Included and designated by Rohwer 1915 : 218 (Three species)

= *Lathrolestes* Foerster, 1868 (Townes 1945)

= *Lathrolestes caliroae* (Rohwer, 1915)

**Homaspis** : 198.

Type species, *Mesoleptus rufinus* Gravenhorst, 1829

Included by Thomson 1894 : 1984 (Four species)

Designated by Viereck 1914 : 71

= *Homaspis rufinus* (Gravenhorst, 1829)



**Homelys** : 182 nec Meyer 1844.

Type species, *Phygadeuon lapponicus* Thomson, 1884

Included and designated by Viereck 1914 : 71 (Monobasic)

= *Phygadeuon* Gravenhorst, 1829 (Townes 1944)

Roman 1909 : 241 only places *lapponicus* in this genus tentatively ["würde"].

**Homobia** : 203.

Type species, *Colpotrochia ? cinctiventris* Ashmead, 1896

Included by Davis 1897 : 278 (Monobasic)

= *Xenoschesis* Foerster, 1868 (Cushman, 1937)

= *Xenoschesis cinctiventris* (Ashmead, 1896)

**Homotherus** : 185.

Type species, *Ichneumon locutor* Thunberg, 1822

Included and designated by Heinrich 1960 : 17

= *Homotherus locutor* (Thunberg, 1822)

**Homotropus** : 162.

Type species, *Bassus elegans* Gravenhorst, 1829

As *Homoporus* [lapsus pro *Homotropus*], included by Thomson 1890 : 1488 (Many species)

Designated by Viereck 1912a : 175

= *Homotropus elegans* (Gravenhorst, 1829)

*Homocidus* Morley, being a new name for *Homoporus*, must have the same type. If *Homoporus* is considered a lapsus for *Homotropus*, then this species automatically becomes the type of *Homotropus* (cf. Walkley in Krombein *et al.* 1958 : 57).

For the moment, I regard *Homotropus* as being distinct from *Syrphoctonus*; if the genera are synonymized then *Homotropus* is a synonym of *Syrphoctonus* (Benoit 1955).

**Hoplitophrys** : 164.

Type species, *Glypta brischkei* Holmgren, [1860]

Included by Schmiedeknecht 1888 : 431 (Monobasic)

= *Hoplitophrys brischkei* (Holmgren, [1860])

If this species is regarded as belonging to *Teletaea* (Hellén 1915) then the latter name should be used.

**Horogenes** : 152.

Type species, *Campoplex tenuiventris* Gravenhorst, 1829

Included by Brischke 1880 : 147 (Monobasic)

= *Casinaria* Holmgren, [1858] **syn. n.**

= *Casinaria tenuiventris* (Gravenhorst, 1829)

**Horogenes** Foerster auctt. nec Foerster.

= *Nythobia* Foerster, 1868

Little has been published on the Campoplegini for a considerable time and the classification of the group is somewhat chaotic. Of the synonyms at present listed under *Horogenes* auctt., *Diadegma* is the oldest; however this belongs, with *Zaporus*,



to *Meloboris* which seems to me to be as valid a segregate as the other recognized genera of the group of Campoplegini having the nervellus unbroken, the glymmae present and the postpetiole carinate laterally. The next available listed name is *Enytus* Cameron, 1905 (Type species *E. maculipes* Cameron = *eureka* Ashmead); this species has an open areolet.

However, taking a broad view of the genera, until such time as a world revision can be undertaken, it seems to me that *Nythobia* Foerster could be used for the group. This genus has been recognized only on the open areolet and short ovipositor; the latter character applies to the type species, *pusio* (Holmgren), but as pointed out by Thomson, *elishae* (Bridgman) differs from this mainly in having a more elongate ovipositor, and his *nanus* (Gravenhorst) group with a partially closed areolet seem also to be related to *pusio* and they have the ovipositor longer still. It would appear, therefore, best for the present to use *Nythobia* for *Horogenes* auctt.

***Hybophanes* : 166.**

Type species, *Tryphon scabriculus* Gravenhorst, 1829

Included by Schmiedeknecht 1888 : 435 (Three species)

Designated by Viereck 1914 : 72

= *Hybophanes scabriculus* (Gravenhorst, 1829)

***Hybristes* : 210 nec Reichenbach, 1850.**

***Hypamblys* : 212.**

Type species, *Mesoleius transfuga* Holmgren, [1855]

As *Syndipnus* (*Hypamblys*) *transfuga*, included by Thomson 1894 : 2008 (Four species)

Designated by Viereck 1914 : 73

= *Hypamblys albopictus* (Gravenhorst, 1829) (Pfankuch 1907)

***Hyperallus* : 210.**

Type species, *Hyperallus caliroae* Viereck, 1911

Included by Viereck 1911a : 189 (Monobasic)

***Hyperbatus* : 210.**

***Hypocryptus* : 198.**

Type species, *Mesoleptus* (*Hypocryptus*) *testaceicornis* Brischke, 1892

Included by Brischke 1892 : 33 (Monobasic)

***Hypoleptus* : 159.**

Type species, *Hypoleptus columbianus* Ashmead, 1896

Included by Ashmead 1896a : 203 (Monobasic)

= *Stenomacrus* Foerster, 1868 (Townes 1945)

= *Stenomacrus columbianus* (Ashmead, 1896)

***Hyposoter* : 152.**

Type species, *Limmerium* (*Hyposoter*) *parorgyiae* Viereck, 1910

Included and designated by Viereck 1910 : 383 (Monobasic)

= *Hyposoter parorgyiae* (Viereck, 1910)

**Hypothereutes** : 156.

Type species, *Hypotherentes* [lapsus pro *-reutes*] *geometrae* Ashmead, 1898

Included by Ashmead, 1898a : 167 (Monobasic)

= *Phobocampe* Foerster, 1868 (Townes 1945)

= *Phobocampe geometrae* (Ashmead, 1898)

**Ichnaeops** : 197.

Type species *Perilissus lutescens* Holmgren, [1855] (By present designation)

= *Perilissus* Holmgren, [1855] **syn. n.**

**Idechthis** : 154 nec Huebner, 1821.

Type species, *Idechthis oahuensis* Ashmead, 1901

Included by Ashmead 1901 : 355 (Monobasic)

= *Exidechthis* Walkley, 1958 (n.n.)

= *Exidechthis canescens* (Gravenhorst, 1829) (Morley 1915)

**Idemum** : 179.

Type species, *Hemiteles (Idemum) crassiformis* Viereck, 1917

Included by Viereck 1917 : 340 (Monobasic)

= *Idemum crassiformis* (Viereck, 1917)

**Idiogramma** : 163.

Type species, *Idiogramma euryops* Schmiedeknecht, 1888

Included by Schmiedeknecht 1888 : 429 (Monobasic)

**Idiolispa** : 188.

Type species, *Bassus analis* Gravenhorst, 1807

Included by Tschek 1870 : 126, 127 (Two species)

Designated by Viereck 1914 : 75

= *Idiolispa analis* (Gravenhorst, 1807)

**Idiostolis** : 190.

Type species, *Hoplismenus cothurnatus* Gravenhorst, 1829 (By present designation)

= *Poecilostictus* Ratzeburg, 1852 **syn. n.** (syn. *Neoplatylabus* Heinrich, 1936)

= *Poecilostictus cothurnatus* (Gravenhorst, 1829)

**Idioxenus** : 171.

Type species, *Megastylus mediator* Schiødte, 1839

Included and designated by Foerster 1871 : 94 (Many species)

= *Helictes* Curtis, 1837 (Dalla Torre 1901)

= *Helictes mediator* (Schiødte, 1839)

**Ilapinastes** : 179.

Type species, *Hemiteles (Ilapinastes) davidsonii* Ashmead, 1896

Included by Ashmead in Davidson 1896 : 320 (Monobasic)

(Ashmead quotes " The species evidently belongs to Foerster's subgenus *Ilapinastes* ")

= *Gelis* Thunberg, 1827 (Townes 1944)

= *Gelis davidsonii* (Ashmead, 1896)

***Ipoctonus*** : 199 nec Heine, 1860.

Type species, *Mesoleptus chrysostomus* (Gravenhorst) Holmgren, [1856]

Included by Thomson 1889a : 1432 (Three species)

Designated by Viereck 1914 : 76

= *Ipoctoninus* Hincks, 1944 (n.n.)

= *Ipoctoninus chrysostomus* (Gravenhorst, 1820)

***Isadelphus*** : 177.

Type species, *Hemiteles inimicus* Gravenhorst, 1829

Included by Roman 1909 : 234 (Three species and two synonyms)

Designated by Viereck 1914 : 76

= *Mastrus* Foerster, 1868 (Townes 1944)

= *Mastrus inimicus* (Gravenhorst, 1829)

***Ischnobatis*** : 148.

Type species, *Thersilochus* [emend. pro *Ter-*] (*Ichnobatis* Fst. [lapsus pro *Ischobatis*])  
*stramineipes* Brischke 1880

Included by Brischke 1880 : 194 (Monobasic)

= *Ischnobatis stramineipes* (Brischke), 1880 (syn. *Luchatema* Walkley, 1956, *Temelucha* auctt. nec type species)

Viereck 1914, quotes *Porizon nigrutilus* Gravenhorst as the type species of a monobasic genus. This is invalid as Brischke placed *stramineipes* Brischke and ? *nigrutilus* Gravenhorst in the subgenus *Ischnobatis*, so only one species was definitely included.

Hellén 1958 : 17 regards *Ischnobatis* as a synonym of *Phradis*.

***Ischnoscopus*** : 156.

Type species, *Ischnoscopus synchlorae* Ashmead, 1898

Included by Ashmead 1898a : 168 (Monobasic)

= *Hyposoter* Foerster, 1868 (Gahan 1914)

= *Hyposoter synchlorae* (Ashmead, 1898)

***Ischnurgops*** : 175.

Type species, *Cryptus claviger* Taschenberg, 1865

Included and designated by Viereck 1914 : 77 (Monobasic)

Synonymized with *Leptocryptus* Thomson by Roman 1909 : 236 without included species.

= *Bathythrix* Foerster, 1868 (Townes 1944)

= *Bathythrix claviger* (Taschenberg, 1865)

***Ischyraeis*** : 175.

Type species, *Catomicrus alpigenus* Strobl, 1904 (syn. *Stroblia alpigena* (Strobl) (Schmiedeknecht 1911), *Acanthostroblia alpigena* (Strobl) (Roman 1925)) (By present designation)

syn. *Stroblia* Schmiedeknecht, 1911 nec Pokorny, 1893, *Acanthostroblia* Roman, 1925

**syn. n.**

= *Ischyraeis alpigenus* (Strobl, 1904) **comb. n.**

The first inclusion of a name in this genus is *Ichyracis* [sic] *americanus* Ashmead MS. by Slosson 1906 : 324 ; then later as *Ichyracis* [sic] *Ischyracis americanus* Ashmead MS. by Cushman 1922 : 16. Neither has any specific description.

***Isdromas* : 180.**

Type species, *Acrolyta aletia* Ashmead, 1896

As *Isodromas* [lapsus pro *Isdr-*], included by Ashmead in Smith 1900a : 569 (Monobasic)

= *Isdromas lycaenae* (Howard, 1889) (Townes 1944)

***Iselix* : 182.**

Type species, *Phygadeuon nitidus* Gravenhorst, 1829

Included by Dalla Torre 1902 : 703 (Many species)

Designated by Viereck 1914 : 78

= *Phygadeuon* Gravenhorst, 1829

This is considered by some authors as a subgenus of *Phygadeuon*.

***Iseropus* : 164.**

Type species, *Ichneumon graminellae* Schrank, 1802

Included by Woldstedt 1877 : 443 (Monobasic)

= *Iseropus stercorator* (Fabricius, 1793)

***Isochresta* : 181.**

Type species, *Isochresta uncinata* Ashmead, 1902

Included by Ashmead 1902 : 190 (Monobasic)

= *Phygadeuon* Gravenhorst, 1829 (Townes 1944)

= *Phygadeuon uncinatus* (Ashmead, 1902)

***Isodiaeta* : 204.**

Type species, *Tryphon segmentarius* (Fabricius), Gravenhorst 1829 ; ? of Fabricius 1787 (By present designation)

This interpretation of the genus follows the Kriechbaumer Collection : no Foerster specimen was found.

= *Barytarbes* Foerster, 1868 **syn. n.**

= *Barytarbes segmentarius* (Fabricius), 1787 (Pfankuch 1906)

***Isotima* : 182.**

Type species, *Isotima albicincta* Ashmead, 1905

Included by Ashmead 1905b : 407 (Four species)

Designated by Townes 1957 : 109

***Isurgus* : 148.**

Type species, *Isurgus lanceolatus* Szépligeti, 1899

Included by Szépligeti 1899 : 224, 241 (Many species)

Designated by Viereck 1914 : 78

***Itamoplex* : 188.**

Type species, *Cryptus americanus* Cresson, 1864

Included by Ashmead in Smith 1900a : 570 (Three species)

Designated by Viereck 1914 : 79  
 = *Cryptus* Fabricius, 1804 (Viereck 1914)  
 = *Cryptus americanus* Cresson, 1864

There is some doubt concerning the usage of the specific name *albitarsis*. Dalla Torre 1902 : 560, by the form of his reference, regarded *Ischnus albitarsis* Cresson, 1864 (transferred to *Cryptus*) as a homonym of *Cryptus albitarsis* Cresson, 1864 (now transferred to *Trychosis*). I therefore prefer to use the name *americanus* of which *Ischnus albitarsis* is a synonym.

**Itamus** : 179 nec Schmidt-Goebel, 1846.  
 Type species, *Hemiteles (Itamus) okamotoi* Uchida, 1936  
 Included by Uchida 1936 : 13 (Monobasic)  
 = *Uchidella* Townes, 1957 (n.n.)  
 = *Uchidella marginatus* (Uchida, 1930) (Townes 1957)

**Ithagenes** 158 nec Agassiz, 1846 [emend. pro *Ithaginis* Wagler, 1832].

**Itopectis** : 164.  
 Type species, *Ichneumon scanicus* Villers, 1789  
 Included by Woldstedt 1877 : 443 (Two species)  
 Designated by Viereck 1914 : 79  
 = *Itopectis maculator* (Fabricius, 1775)

Designations of *Ichneumon maculator* Fabricius by Ashmead 1900 (as *maculata* [sic]) and by Morley 1913 : 169 appear to be invalid as this species, as such, was not included by Woldstedt although now *scanicus* is believed to be a synonym of *maculator*.

**Kaltenbachia** : 187.  
 Type species, *Cryptus ornatus* Gravenhorst, 1829  
 Included by Dalla Torre 1902 : 551 (Seven species) (see antea, p. 391)  
 Designated by Viereck 1914 : 80  
 = *Gambrus* Foerster, 1868 (Dalla Torre 1902)  
 = *Gambrus incubitor* (Linnaeus, 1758) (Roman 1932)

Brischke 1891, quotes *Cryptus ornatus* Grav.? as belonging to this genus. As this is an inclusion of a doubtful species in the genus it should be disregarded and the Dalla Torre reference then becomes valid, quoting *Kaltenbachia* as a synonym of *Gambrus*.

**Labroctonus** : 195.  
 Type species, *Tryphon articulatus* Cresson, 1868  
 Included by Davis 1897 : 249 (Monobasic)  
 = *Polyblastus (Labroctonus)* (Townes & Townes 1949)  
 = *Polyblastus (Labroctonus) articulatus* (Cresson, 1868)

**Labrorychus** : 146.  
 Type species, *Anomalon nigricorne* Wesmael, 1849  
 Included by Brischke 1880 : 137 (Monobasic)  
 This genus is therefore isotypic with *Blaptocampus* Thomson  
 syn. *Blaptocampus* Thomson, 1892 **syn. n.**  
 = *Labrorychus nigricornis* (Wesmael, 1849)



The above type designation quite alters the usage of *Labrorychus*. Until a complete generic revision is undertaken, it seems inadvisable to describe a new genus for *Labrorychus* auctt., which could perhaps at the moment, be placed in *Barylypa*.

**Labrossyta** : 202.

Type species, *Ichneumon scotopterus* Gravenhorst, 1820

As *Labrossytus* [emend. pro -a], included by Thomson 1894 : 2001 (Monobasic)

= *Labrossyta scotoptera* (Gravenhorst, 1820)

**Laepserus** : 205.

Type species, *Blapticus crassulus* Thomson, 1888 (By present designation)

syn. *Acroblapticus* Schmiedeknecht, 1911 **syn. n.**

= *Laepserus crassulus* (Thomson 1888) **comb. n.**

**Lagarotis** : 205.

Type species, *Ichneumon semicaligatus* Gravenhorst, 1820

As *Lagarotus* [emend. pro -is], included by Thomson 1892a : 1881 (Four species and three synonyms)

Designated by Viereck 1914 : 81

= *Lagarotis semicaligatus* (Gravenhorst, 1820)

**Lamachus** : 206.

Type species, *Tryphon lophyrorum* Hartig, 1838

Included by Thomson 1892a : 1877 (Six species)

Designated by Viereck 1914 : 81

= *Lamachus lophyrorum* (Hartig, 1838)

**Laphyctes** : 146 nec Dujardin, 1845.

Type species, *Laphyctes insidiator* Foerster, 1878

Included by Foerster 1878 : 73 (Three species)

Designated by Viereck 1914 : 82

= *Barylypa* Foerster, 1868 (Szépligeti 1905) (syn. *Sarntheinia* Dalla Torre, 1901 (n.n.))

= *Barylypa insidiator* (Foerster, 1878)

**Laphyrosopus** : 197.

Type species, *Tryphon gorskii* Ratzeburg, 1852

As *Luphyrosopus* [lapsus pro *Laph-*], included by Thomson 1883 : 915 (Three species)

Designated by Viereck 1914 : 87.

= *Lathrolestes* Foerster, 1868 (Townes 1945)

= *Lathrolestes luteolator* (Gravenhorst, 1829) (Pfankuch 1906)

**Lathiponus** : 198.

Type species, *Mesoleius (Lathiponus) pulcherrimus* Thomson, 1888

Included by Thomson 1888a : 1261 (Monobasic)

= *Lathiponus frigidus* (Woldstedt, 1872) (Hellén 1953)

**Lathrolestes** : 196.

Type species, *Tryphon clypeatus* Zetterstedt, 1838

As *Lathrolestes* [emend. pro -es], included by Thomson 1883 : 916 (Seven species and one synonym)

Designated by Viereck 1914 : 82

= *Lathrolestes clypeatus* (Zetterstedt, 1838)

**Lathrophagus** : 213.

Type species, *Mesoleius buccatus* Holmgren, [1855] (By present designation)

= *Hyphamblys* Foerster, 1868 **syn. n.**

= *Hyphamblys buccatus* (Holmgren, [1855])

**Lathroplex** : 154.

Type species, *Lathroplex clypearis* Thomson, 1887

Included by Thomson 1887 : 1135 (Monobasic)

**Lathrostizus** : 154.

Type species, *Lathrostiza* [emend. pro -us] *sternocera* Thomson, 1887

Included by Thomson 1887 : 1152 (Two species)

Designated by Viereck 1914 : 82

= *Lathrostizus sternocerus* Thomson, 1887

**Leptodemas** : 182.

Type species, *Leptodemas cariniscutis* Cameron, 1906

Included by Cameron 1906a : 330 (Monobasic)

= *Deloglyptus* Wesmael, 1844 **syn. n.**

= *Deloglyptus cariniscutis* (Cameron, 1906) **comb. n.**

This species is probably conspecific with *pubibundus* (Wesmael, 1844)

**Leptopygus** : 148.

Type species, *Porizon harpurus* (Schrank) ; Gravenhorst, 1829

Included by Thomson 1889 : 1366 (Two species)

Designated by Viereck 1914 : 84

= *Leptopygus harpurus* (Schrank, 1802)

**Liopsis** : 162.

Type species, *Bassus sulcator* Gravenhorst, 1829

As a synonym of *Promethes*, included by Morley 1911 : 116 (Many species)

Designated by Viereck 1912a : 177

= *Promethes* Foerster, 1868

= *Promethes sulcator* (Gravenhorst, 1829)

**Listrota** : 209.

Type species, *Phobetres canadensis* Harrington, 1894

Included by Davis 1898 : 289 (Monobasic)

= *Polyterus* Foerster, 1868 (Townes 1945)

= *Polyterus canadensis* (Harrington, 1894)

**Lymeon** : 176.

Type species, *Lymeon annulicornis* Ashmead, 1894

Included by Ashmead 1894a : 243 (Monobasic)

=*Lymeon orbum* (Say, 1836) (Cushman and Gahan 1921)

**Lysibia** : 175.

Type species, *Tryphon nanus* Gravenhorst, 1829 (By present designation)

syn. *Haplaspis* Townes, 1944 **syn. n.**

=*Lysibia nana* (Gravenhorst, 1829) **comb. n.**

**Mastrus** : 176.

Type species, *Phygadeuon (Mastrus) neodiprioni* Viereck, 1911

Included by Viereck 1911a : 195 (Monobasic)

=*Mastrus argeae* (Viereck, 1911) (Townes 1944)

**Medophron** : 185.

Type species, *Medophron niger* Brischke, 1881

Included by Brischke 1881 : 344 (Monobasic)

=*Medophron afflictor* (Gravenhorst, 1829) (Schmiedeknecht 1905)

This genus will probably prove to be a segregate from *Phygadeuon* as was proposed by Roman 1914.

**Megaplectes** : 186.

Type species, *Ichneumon monticola* Gravenhorst, 1829

Included by Schmiedeknecht 1890 : 87 (Monobasic)

=*Megaplectes monticola* (Gravenhorst, 1829)

**Meringopus** : 186.

Type species, *Cryptus recreator* Fabricius, 1804

Included by Tschek 1870 : 115 (Monobasic)

=*Cryptus* Fabricius, 1804

=*Cryptus recreator* Fabricius, 1804 (syn. *C. obscurus* (Gmelin) Gravenhorst, 1829)

**Mesochlistus** : 168.

Type species, *Acoenites rufipes* Gravenhorst, 1829

Included by Schmiedeknecht 1888 : 424 (Monobasic)

=*Mesochlistus rufipes* (Gravenhorst, 1829)

**Metacoelus** : 161.

Type species, *Exochus femoralis* (Fourcroy) ; Gravenhorst, 1829

Included by Holmgren 1873 : 61 (Four species)

Designated by Viereck 1914 : 93

=*Hypsicera* Latreille, 1829

=*Hypsicera femoralis* (Fourcroy, 1762)

**Micromonodon** : 183.

Type species, *Hemicryptus tener* Kriechbaumer, 1893

Included by Dalla Torre 1902 : 702 (Monobasic)

=*Micromonodon tener* (Kriechbaumer, 1893)

**Micrope** : 193.

Type species, *Phaeogenes macilentus* Wesmael, 1844

Included by Thomson, 1891 : 1627 (Monobasic)

= *Micrope macilenta* (Wesmael, 1844)

**Microplectron** : 195 nec Streubel, 1842.

Type species, *Exenterus jucundus* Holmgren, [1855]

Included by Dalla Torre 1901 : 344 (Two species)

Designated by Viereck 1914 : 95

= *Smicroplectrus* Thomson 1883

= *Smicroplectrus jucundus* (Holmgren, [1855])

**Microplex** : 175.

Type species, *Aclastus rufipes* Ashmead, 1902

Included by Roman 1909 : 235 (Monobasic)

= *Gnyptomorpha* Foerster, 1868 (Townes 1944)

= *Gnyptomorpha rufipes* (Ashmead, 1902)

**Microtorus** : 178.

Type species, *Microtorus kichijoi* Uchida, 1940 (n.n. for *Hemiteles* (*Rhadiurgus*) *chrysopae* Uchida, 1933)

Included by Uchida 1940 : 66 (Two species)

Designated by Townes 1957 : 111

= *Dichrogaster* Doumerc, 1855 **syn. n.**

= *Dichrogaster kichijoi* (Uchida, 1940) **comb. n.**

**Miomeris** : 171.

Type species, *Miomeris aquisgranensis* Foerster, 1871

Included and designated by Foerster 1871 : 92 (Monobasic)

**Mnesidacus** : 159.

Type species, *Mnesidaecus* [lapsus pro *-dacus*] *apicalis* Ashmead, 1896

Included by Ashmead 1896a : 202 (Monobasic)

= *Mnesidacus nigricoxus* (Provancher, 1888)

**Moerophora** : 169.

Type species, *Xylonomus rufipes* Gravenhorst, 1829

Included by Woldstedt 1881 : 61 (Monobasic)

= *Moerophora rufipes* (Gravenhorst, 1829)

**Myriarthrus** : 172. n.n. for *Helictes* Haliday in Curtis, 1838.

Type species, *Plectiscus erythrostoma* (Gmelin) ; Gravenhorst, 1829

= *Helictes erythrostoma* (Gmelin, 1790)

**Naetes** : 179.

Type species, *Hemiteles* (*Naïtes* [sic]) *rufus* Brischke, 1892 (a homonym of *Hemiteles rufus* Taschenberg, 1876)

Included by Brischke 1892 : 49 (Monobasic)

= *Orthizema* Foerster, 1868 **syn. n.**

= *Orthizema hadrocerus* (Thomson, 1884) **syn. n. comb. n.**

**Narcopoea** : 204.

Type species, *Mesoleptus typhae* (Fourcroy) ; Gravenhorst, 1829

Included by Kriechbaumer 1891a : 137 (Monobasic)

= *Hadrodactylus* Foerster, 1868 **syn. n.**

= *Hadrodactylus typhae* (Fourcroy, 1785)

*Narcopoea singularis* Foerster MS. is stated to be a malformed specimen of *Mesoleptus typhae*.

**Neales** : 204.

Type species, *Tryphon vepretorum* Gravenhorst, 1829

Included by Kriechbaumer 1897 : 169 (Monobasic)

= *Otilophorus* Foerster, 1868

= *Otilophorus vepretorum* (Gravenhorst, 1829)

**Neleges** : 204.

Type species, *Tryphon proditor* Gravenhorst, 1829

Included by Pfankuch 1907 : 147 (Monobasic)

= *Neleges proditor* (Gravenhorst, 1829)

Townes & Townes 1950 have synonymized this genus with *Monoblastus* Hartig 1837.

**Neleophron** : 184.

Type species, *Cryptus arrogans* Gravenhorst, 1829 (By present designation)

= *Polytribax* Foerster, 1868 **syn. n.**

= *Polytribax arrogans* (Gravenhorst, 1829) **comb. n.**

**Neleothymus** : 200.

Type species, *Neleothymus* ? *rufo-ornatus* Cameron, 1905

Included and designated by Townes 1945 : 693

= *Neleothymus rufoornatus* Cameron, 1905

**Neotypus** : 194.

Type species, *Ichneumon lapidator* Fabricius, 1793 nec 1787

Included by Holmgren 1871 : 292 (Two species)

As *lepidator* [lapsus pro *lap-*], designated by Ashmead 1900b : 20

= *Neotypus nobilitator* (Gravenhorst, 1807)

**Nepiera** : 156.

Type species, *Limneria concinna* Holmgren, [1858]

Included by Thomson 1887 : 1137 (Monobasic)

= *Nepiera collector* (Thunberg, 1822) (Roman 1912)

**Nepiesta** : 152.

Type species, *Nepiesta subclavata* Thomson, 1887

Included by Thomson 1887 : 1116 (Three species and one synonym)

Designated by Viereck 1914 : 100



**Noemon** : 207.

Type species, *Noemon palmaris* Davis, 1898

Included by Davis 1898 : 287 (Three species)

Designated by Viereck 1914 : 101

=*Tryphon* (*Noemon*) Foerster, 1868 (Townes & Townes 1950)

=*Tryphon* (*Noemon*) *palmaris* (Davis, 1898)

**Notomeris** : 201.

Type species, *Notomeris difformis* Holmgren, [1855]

As *Adelognathus* (*Notomeris*), included by Thomson 1888b : 1278 (Monobasic)

=*Notomeris difformis* (Holmgren, [1855])

**Notosemus** : 194.

Type species, *Notosemus dives* Brischke, 1887

Included by Brischke 1887 : 88 (Monobasic)

=*Notosemus bohemani* (Wesmael, 1855)

**Nuneches** : 186.

Type species, *Phygadeuon sodalis* Taschenberg, 1865 (By present designation)

=*Ethelurgus* Foerster, 1868 **syn. n.**

=*Ethelurgus sodalis* (Taschenberg, 1865) **comb. n.**

**Nythobia** : 153.

Type species, *Meloboris pusio* Holmgren, [1858]

Included by Schmiedeknecht 1907a : 599 (Monobasic)

=*Nythobia pusio* (Holmgren, [1858])

**Nythophona** : 207.**Nyxeophilus** Foerster : 187.

Type species, *Cryptus bimaculatus* Gravenhorst, 1829

=*Nyxeophilus bimaculatus* (Gravenhorst, 1829)

**Nyxeophilus** : Thomson, 1885 nec Foerster, 1868.

Type species, *Nyxeophilus bimaculatus* Thomson, 1885

Included and designated by Thomson 1885 : 18 (Two species)

=*Nyxeophilus angusta* (Dalman, 1823)

Thomson, in the above reference, gives *Nyxeophilus mihi* and in 1897 : 2363 refers to *Nyxeophilus* Thomson. The first inclusion of species in *Nyxeophilus* Foerster is by Dalla Torre 1901 : 399, where *Cryptus bimaculatus* Gravenhorst is included as a synonym. This species was selected as the type of *Nyxeophilus* Foerster by Viereck 1914 : 102.

**Ocymorus** : 180.

Type species, *Hemiteles cingulator* Gravenhorst, 1829

Included and designated by Townes 1944 : 208

=*Hemiteles* Gravenhorst, 1829 (Isogenotypic) (Townes 1944)

=*Hemiteles bipunctator* (Thunberg, 1822) (Roman 1912)

*Ocymorus* is quoted as a synonym of *Leptocryptus* Thomson by Roman 1909 : 236 but without included species.

**Odinophora** : 163.

Type species, *Lissonota dorsalis* Gravenhorst, 1829

Included by Schmiedeknecht 1907 : 1158 (Three species)

Designated by Viereck 1914 : 102

= *Odinophora dorsalis* (Gravenhorst, 1829)

**Odontoneura** : 185.

Type species, *Phygadeuon annulicornis* Thomson, 1884 (By present designation)

This, very probably, will be recognized as a distinct segregate of *Phygadeuon*.

**Odontopsis** : 150 nec Hasselt, 1823.

Type species, *Gravenhorstia picta* Boie, 1836

Included by Dalla Torre 1901 : 200 (Monobasic)

= *Gravenhorstia* Boie 1836

**Oetophorus** : 196. (In the index : 218, given as *Oeth-*)

Type species, *Mesoleius stretchii* Cresson, 1878

Included by Davis 1897 : 252 (Four species)

Designated by Viereck 1914 : 104

= *Perilissus* Holmgren, [1855] (Townes 1945, Burks 1952)

= *Perilissus stretchii* (Cresson, 1878)

**Olesicampe** : 153.

Type species, *Campoplex longipes* (Mueller) ; Gravenhorst, 1829

As *Olesicampa* [emend. pro -e], included by Thomson 1887 : 1142 (Many species)

Designated by Viereck 1912 : 45

= *Olesicampe longipes* (Mueller, 1776)

**Olethrodotis** : 151.

**Oligoplectron** : 161 n.n. for *Periope* Curtis, 1829.

Type species, *Periope auscultator* Haliday, 1839

= *Periope* Curtis, 1829

**Omoborus** : 154.

Type species, *Omoborus kincaidi* Davis, 1898

Included by Davis 1898a : 363 (Monobasic)

= *Olesicampe* Foerster, 1868 (Townes 1945)

= *Olesicampe kincaidi* (Davis, 1898)

**Omorgus** : 154 nec Erichson, 1847.

Type species, *Limneria mutabilis* Holmgren, [1858]

As *Omorga* [emend. pro -us], included by Thomson 1887 : 1125 (Many species)

Designated by Viereck 1912c : 642

= *Campoplex* Gravenhorst, 1829 (Viereck 1912)

= *Campoplex lineolatus* Ratzeburg, 1844 (Strobl 1901)

**Oneista** : 207.

Type species, *Oneista bohemani* Kriechbaumer, 1892

Included by Kriechbaumer 1892 : 41 (Monobasic)

= *Lagarotus* Foerster, 1868 (Roman 1909)

= *Lagarotus ustulatus* (Holmgren, [1855]) (Roman 1909)

**Opidnus** : 185.

Type species, *Aptesis (Pezoporus) tsugae* Cushman, 1939  
 Included and designated by Townes & Townes 1951 : 256  
 = *Opidnus tsugae* (Cushman, 1939)

**Opisthostenus** : 175.

Type species, *Hemiteles (Opisthostenus) etorofuensis* Uchida, 1936  
 Included by Uchida 1936a : 43 (Monobasic)  
 = *Gnyptomorpha* Foerster, 1868 (Townes 1957)  
 = *Gnyptomorpha etorofuensis* (Uchida, 1936)

**Orthizema** : 178.

Type species, *Hemiteles (Orthizema) ornatus* Brischke, 1890  
 Included by Brischke 1890 : 106 (Monobasic)  
 = *Orthizema subannulatus* (Bridgman, 1883) **comb. n.**

**Otacustes** : 174.

Type species, *Otacustes atriceps* Ashmead, 1894  
 Included by Ashmead 1894a : 244 (Two species)  
 Designated by Viereck 1914 : 107  
 = *Dichrogaster* Doumerc, 1855 **syn. n.**  
 = *Dichrogaster crassus chrysopae* (Ashmead, 1894) (Cushman 1935, Townes 1944)  
**comb. n.**

**Otitochilus** : 203.

Type species, *Tryphon trochanteratus* Holmgren, [1855]  
 As *Tryphon (Otitochilus) trochanteratus*, included by Woldstedt 1877 : 460 (Two species)  
 Designated by Viereck 1914 : 108  
 = *Tryphon* Fallén, 1813 (Townes 1944)

**Otlophorus** : 202.

Type species, *Tryphon vepretorum* Gravenhorst, 1829  
 Included by Thomson 1895 : 2026 (Five species)  
 Designated by Viereck 1914 : 108  
 = *Otlophorus vepretorum* (Gravenhorst, 1829)

**Otoblastus** : 201.

Type species, *Tryphon luteomarginatus* Gravenhorst, 1829  
 Included by Thomson 1883 : 900 (Monobasic)  
 = *Otoblastus luteomarginatus* (Gravenhorst, 1829)  
 Townes & Townes 1950 synonymize this genus with *Monoblastus* Hartig, 1837.

**Oxyrrhexis** : 166.

Type species, *Cryptus carbonator* Gravenhorst, 1807  
 Included and designated by Schiedeknecht 1888 : 432 (Monobasic)  
 = *Oxyrrhexis carbonator* (Gravenhorst, 1807)

**Oxytaenia** : 182.

Type species, *Oxytaenia rufolineata* Cameron, 1904

Included by Cameron 1904 : 254 (Monobasic)

**Oxytorus** : 199.

Type species, *Oxytorus armatus* Thomson, 1883

Included by Thomson 1883 : 910 (Monobasic)

**Pammachus** : 185.

Type species, *Stenocryptus nigriventris* Thomson, 1873

Included by Dalla Torre 1902 : 697 (Three species)

Designated by Viereck 1914 : 109

=*Cubocephalus* Ratzeburg, 1848 (Dalla Torre 1902)

=*Cubocephalus oviventris* (Gravenhorst, 1829)

**Pammicra** : 181.

Type species, *Hemiteles dorsalis* Gravenhorst, 1829

As *Pammicrus* [emend. pro -a], included by Thomson 1883 : 880 (Monobasic)

=*Pammicra dorsalis* (Gravenhorst, 1829)

**Panargyrops** : 182.

Type species, *Cryptus claviger* Taschenberg, 1865

Included by Schmiedeknecht 1888 : 435 (Two species)

Designated by Viereck 1914 : 109

=*Bathythrix* Foerster, 1868 (Townes 1944)

=*Bathythrix claviger* (Taschenberg, 1865)

**Panteles** : 165.

Type species, *Brachypimpla ? schuetzeana* Roman, 1925

Included by Roman 1931 : 25 (Monobasic)

=*Panteles schuetzeana* (Roman, 1925)

Ashmead in Smith 1900a : 575 quotes *Panteles mellithorax* Ashmead ; this however is a nomen nudum.

**Pantisarthrus** 1871 : 109.

Type species, *Pantisarthrus inaequalis* Foerster, 1871

Included by Foerster 1871 : 110 (Three species)

Designated by Viereck 1914 : 110

**Pantolispa** : 178.

Type species, *Gunopaches crassus* Perkins, 1962

=*Gunopaches* Foerster 1868 (**syn. n.**) (= *Phygadeuon* Gravenhorst 1829)

=*Phygadeuon crassus* (Perkins, 1962)

**Pantoporthus** : 209.

Type species, *Ichneumon luridator* Gravenhorst, 1820 (By present designation)

=*Oxytorus* Foerster, 1868 **syn. n.**

=*Oxytorus luridator* (Gravenhorst, 1820)

**Pantorhaestes** : 206.

Type species, *Tryphon xanthostomus* Gravenhorst, 1829

Included by Pfankuch 1906 : 83 (One species and two synonyms)

Designated by Viereck 1914 : 110

= *Pantorhaestes xanthostomus* (Gravenhorst, 1829)

**Pantropa** : 155.**Parabates** : 150.

Type species, *Parabatus* [emend. pro -es] *nigriceps* Thomson, 1888

Included by Thomson 1888 : 1196 (Four species)

Designated by Enderlein 1912 : 106

= *Parabates nigriceps* Thomson, 1888

Townes 1938 regarded this as a subgenus of *Netelia* Gray, 1860.

**Paraphylax** : 176.

Type species, *Paraphylax fasciatipennis* Ashmead, 1904

Included by Ashmead 1904 : 141 (Monobasic)

**Paraplesius** : 207.**Pemon** : 174.

Type species, *Pemon proximum* Perkins, 1962

= *Lysibia* Foerster 1868 **syn. n.**

= *Lysibia proxima* (Perkins, 1962) **comb. n.**

**Perispuda** : 205.

Type species, *Mesoleptus facialis* Gravenhorst, 1829

As *Perispudus* [emend. pro -a], included by Thomson 1888a : 1261 (Monobasic)

= *Perispuda facialis* (Gravenhorst, 1829)

**Peritaenius** : 190.

Type species, *Peritaenius bavaricus* Clément, 1927

Included and designated by Clément 1927 : 75 (Five species)

= *Hoplismenus* Gravenhorst, 1829 (Heinrich 1949)

= *Hoplismenus istrianus* (Clément, 1927) (Heinrich 1949)

**Perosis** : 169.

Type species, *Echthrus armatus* Gravenhorst, 1829

Included by Schmiedeknecht 1888 : 441 (Monobasic)

Designated by Viereck 1914 : 113

= *Mastrus* Foerster, 1868 **syn. n.**

= *Mastrus armatus* (Gravenhorst, 1829) **comb. n.**

Roman 1914 placed this species in *Cecidonomus* Bridgman, the name by which *Mastrus* was known in Europe for many years.

*Perosis* Foerster auctt. nec Foerster should therefore take the name *Sycophrurus* Picard, 1919 (Seyrig 1928) which is a direct synonym of *Perosis* auctt.



***Pezolochus*** 1850 : 103.

Type species, *Pezolochus rufipes* Foerster, 1850

Included by Foerster 1850 : 104 (Monobasic)

= *Gelis* Thunberg, 1827

= *Gelis rufipes* (Foerster, 1850)

A revisionary study of *Gelis* will very possibly show that this species belongs to a distinct segregate.

***Pezoporus*** : 181 nec Illiger, 1811.

Type species, *Ichneumon nigrocinctus* Gravenhorst, 1815

As *Pezomachus nigrocinctus*, included and designated by Ashmead 1900b : 27 (Monobasic)

= *Aptesis* Foerster, 1868 (Townes 1944)

= *Aptesis nigrocinctus* (Gravenhorst, 1815)

***Phaedroctonus*** : 153.

Type species, *Phaedroctonus minutus* Ashmead, 1902

Included by Ashmead 1902 : 235 (Monobasic)

= *Campoplex* Gravenhorst, 1829 (Townes 1945)

= *Campoplex cupressi* (Ashmead, 1890) (Townes 1945)

***Phaenolobus*** : 168.

Type species, *Ichneumon arator* Rossi, 1791

Included by Schmiedeknecht 1888 : 425 (Four species)

Designated by Viereck 1914 : 114

= *Phaenolobus arator* (Rossi, 1791)

***Phaenosemus*** : 160.

Type species, *Phaenosemus sitkensis* Ashmead, 1902

Included by Ashmead 1902 : 231 (Monobasic)

= *Orthocentrus* Gravenhorst, 1829 (Townes 1945)

= *Orthocentrus sitkensis* (Ashmead, 1902)

***Phaestus*** : 212.

Type species, *Phaestus heterocerus* Thomson, 1894

Included by Thomson 1894 : 2017 (Monobasic)

= *Phaestus anomalus* (Brischke, 1871) (Teunissen 1948)

***Phagesorus*** : 212.***Phatnacra*** : 179.

Type species, *Hemiteles (Phatnacra) monterai* da Costa Lima, 1948

Included by da Costa Lima 1948 : 31 (Monobasic)

***Philonygmus*** : 177.

Type species, *Philonygmus* [sic] *alaskensis* Ashmead, 1902

Included by Ashmead 1902 : 189 (Two species)

Designated by Viereck 1914 : 115

= *Alegina* Foerster, 1868 (Townes 1944)

= *Alegina solitarius* (Ashmead, 1902) (Cushman 1922)

**Philotymma** : 209.

Type species, *Ichneumon leptocerus* Gravenhorst, 1820 (By present designation)

= *Phobetes* Foerster, 1868 **syn. n.**

= *Phobetes leptocerus* (Gravenhorst, 1820)

The inclusion of *flaviceps* Cameron in ? *Philotymma* is not accepted as fixing the usage of this genus (Cameron 1906 : 131)

**Phobetes** : 198.

Type species, *Tryphon fuscicornis* Holmgren, [1854]

As *Phobetus* [emend. pro -es], included by Thomson 1889a : 1431 (Two species)

Designated by Viereck 1914 : 115

= *Phobetes fuscicornis* (Holmgren, [1854])

Roman 1917 synonymized *Phobetes* under *Ipoctonus* Foerster, 1868 nec Heine, 1860.

If this synonymy is followed, then *Ipoctoninus* Hincks, 1944 becomes a synonym of *Phobetes*. At present, however, I regard these genera as being distinct.

**Phobocampe** : 156.

Type species, *Campoplex crassiusculus* Gravenhorst, 1829

As *Phobocampa* [emend. pro -e], included by Thomson 1887 : 1121 (Many species)

Designated by Viereck 1914 : 116

= *Phobocampe crassiusculus* (Gravenhorst, 1829)

**Phradis** : 148.

Type species, *Thersilochus* [emend. pro *Ter-*], (*Phradis*) *brevis* Brischke, 1880

Included by Brischke 1880 : 195 (Monobasic)

= *Phradis brevis* (Brischke, 1880)

**Phrudus** : 196.

Type species, *Phrudus monilicornis* Bridgman, 1886

Included by Dalla Torre 1901 : 329 (Monobasic)

*Phrudus* Bridgman, 1886 : 361 was described as a new genus ; hence this cannot be taken as *Phrudus* Foerster, 1868. Thomson 1888 places *monilicornis* Bridgman in *Phrudus* Bridgman. The first inclusion of *monilicornis* in *Phrudus* Foerster, 1868 is by Dalla Torre.

**Phthorima** : 162.

Type species, *Bassus compressus* Desvignes, 1856

As *Phthorimus* [emend. pro -a], included by Thomson 1890 : 1474 (Monobasic)

= *Phthorima compressa* (Desvignes, 1856)

**Phytus** : 181.

Type species, *Pezomachus hemipterus* (Fabricius) ; Gravenhorst, 1829

As *Hemiteles hemipterus*, included and designated by Ashmead 1900b : 27 (Monobasic)

= *Theroscopus* Foerster, 1850 **syn. n.**

= *Theroscopus hemipterus* (Fabricius, 1793)

Townes 1944 considered this a synonym of *Eriplanus* Foerster.

**Phyzelus** : 185.

Type species, *Phyzelus fasciatus* Brischke, 1888

Included by Brischke 1888 : 105 (Monobasic)

= *Phyzelus flagitator* (Rossi, 1794) **syn. n.**

**Picroscopus** : 195.

Type species, *Tryphon ictericus* Gravenhorst, 1829

Included by Thomson 1883 : 888 (Monobasic)

= *Exenterus* Hartig, 1837 (Mason 1951)

= *Exenterus ictericus* (Gravenhorst, 1829)

**Picrostigeus** : 159.

Type species, *Orthocentrus (Picrostigeus) setiger* Brischke, 1871

Included by Thomson 1898 : 2432 (Three species)

Designated by Viereck 1912a : 176

= *Picrostigeus setiger* (Brischke, 1871)

**Plesignathus** : 183.

Type species, *Phygadeuon fulvescens* Cresson, 1878

As *Plesiognathus* [lapsus pro *Plesign-*] *flavescens* [lapsus pro *fulv-*], included by Ashmead in Smith 1900a : 568 (Monobasic)

= *Polytribax* Foerster, 1868 **syn. n.**

= *Polytribax fulvescens* (Cresson, 1878)

Smith's *Insects of New Jersey* has the preface dated March 1900; Ashmead's paper in *Proc. U.S. nat. Mus.* 23 : 29, where the type of *Plesignathus* is given as *Phygadeuon cephalotes* Gravenhorst was published on 13th October. I have therefore, taken it as probable that Smith's book appeared earlier than the Ashmead paper.

**Plesiomma** : 176 nec Macquart, 1838.

**Plesiophthalmus** : 170 nec Motschoulsky, [1858].

Type species, *Mesochorus alarius* Gravenhorst, 1829

Included by Brischke 1880 : 183 (Monobasic)

syn. *Mater* Schulz 1911, *Ophthalmochorus* Roman, 1925 (n.n.)

= *Cidaphus* Foerster, 1868 (Viereck 1911)

= *Cidaphus alarius* (Gravenhorst, 1829)

**Polyaulon** : 171.

Type species, *Polyaulon incertus* Foerster, 1871

Included by Foerster 1871 : 100 (Many species)

Designated by Viereck 1914 : 120

*Thaumatotypidea* Viereck, 1912 is probably based on the female of *Polyaulon*.

**Polycinetis** : 198.

Type species, *Notopygus resplendens* Holmgren, [1855]

Included by Woldstedt 1877 : 458 (Monobasic)

= *Xenoschesis (Polycinetis)* Foerster (Townes 1945)

= *Xenoschesis (Polycinetis) resplendens* (Holmgren, [1855])

**Polyclistus** : 161.

Type species, *Ichneumon femoralis* Fourcroy, 1762

Included by Thomson 1887a : 218 (Three species)

Designated by Viereck 1912a : 176

= *Hypsicera* Latreille, 1829 (Viereck 1912)

= *Hypsicera femoralis* (Fourcroy, 1762)

**Polyoncus** : 197.

Type species, *Tryphon erythrocephalus* Gravenhorst, 1829

Included by Thomson 1883 : 913 (Three species)

Designated by Viereck 1914 : 120

= *Perilissus* Holmgren, [1855] (Townes 1945)

= *Perilissus erythrocephalus* (Gravenhorst, 1829)

**Polypystis** : 208.

Type species, *Tryphon lateralis* Gravenhorst, 1829

Included by Roman 1909 : 315 (Two species)

Designated by Viereck 1914 : 121

= *Polypystis lateralis* (Gravenhorst, 1829)

**Polyrhembia** : 189.

Type species, *Hemiteles tenebricosus* Gravenhorst, 1829

Included and designated by Foerster 1876 : 43 (Many species)

= *Stilpnus* Gravenhorst, 1829 (Townes 1944)

= *Stilpnus tenebricosus* (Gravenhorst, 1829)

**Polyrhysia** : 204.

Type species, *Tryphon tenuicornis* Gravenhorst, 1829

As *Polyrhysius* [emend. pro -ia], included by Thomson 1894 : 1999 (Two species)

Designated by Viereck 1914 : 121

= *Synoecetes* Foerster, 1868 (Townes & Townes 1949)

= *Synoecetes tenuicornis* (Gravenhorst, 1829)

**Polyterus** : 209.

Type species, *Polyterus franconiaensis* Davis, 1898

Included by Davis 1898 : 289 (Two species)

Designated by Viereck 1914 : 121

**Polytrera** : 202.

Type species, *Mesoleius* (*Barytarbus* [emend. pro -es]) *laeviusculus* Thomson, 1883

As *Mesoleius* (*Polytreres* [emend. pro -a]), included by Thomson 1892a : 1873 (Two species)

Designated by Viereck 1914 : 121

= *Barytarbes* Foerster, 1868 **syn. n.**

= *Barytarbes laeviusculus* (Thomson, 1883)

**Polytribax** : 183.

Type species, *Phygadeuon* (*Polytribax*) *pallescens* Viereck, 1911

Included by Viereck 1911 : 406 (Monobasic)

= *Polytribax pallescens* (Viereck, 1911)

**Probles** : 147.

Type species, *Probles melanarius* Szépligeti, 1899  
 Included by Szépligeti 1899 : 219, 236 (Monobasic)

**Procinetus** : 167.

Type species, *Lissonota decimator* Gravenhorst, 1829  
 Included by Schmiedeknecht 1888 : 423 (Monobasic)  
 = *Procinetus decimator* (Gravenhorst, 1829)

**Proclitus** : 172.

Type species, *Proclitus grandis* Foerster, 1871  
 Included by Foerster 1871 : 116 (Many species)  
 Designated by Viereck 1914 : 123  
 = *Proclitus praetor* (Haliday, 1839) (Morley 1915)

**Proedruss** : 147.

Type species, *Hemiteles luteolator* Gravenhorst, 1829  
 Included by Thomson 1889 : 1360 (Monobasic)  
 = *Orthopelma* Taschenberg, 1865  
 = *Orthopelma mediator* (Thunberg, 1822) (Roman 1912)

**Promethes** : 162.

Type species, *Bassus sulcator* Gravenhorst, 1829  
 Included by Woldstedt 1877 : 441 (Monobasic)  
 = *Promethes sulcator* (Gravenhorst, 1829)

**Prosmorus** : 198.

Type species, *Notopygus resplendens* Holmgren, [1855]  
 Included by Thomson 1895 : 1983 (Monobasic)  
 = *Xenoschesis (Polycinetis)* Foerster, 1868 (Schmiedeknecht 1913)  
 = *Xenoschesis (Polycinetis) resplendens* (Holmgren, [1855])

**Protarchus** : 201.

Type species, *Tryphon rufus* Gravenhorst, 1829  
 Included by Woldstedt 1877 : 460 (Monobasic)  
 = *Protarchus testatorius* (Thunberg, 1822) (Roman 1912)

**Psilosage** : 203.

Type species, *Tryphon ephippium* Holmgren, [1855]  
 As *Tryphon (Psilosarge [sic]) ephippium*, included by Morley 1911 : 178 (Monobasic)  
 = *Psilosage ephippium* (Holmgren) [1955]

Townes & Townes 1950 regard this as a synonym of *Tryphon (Tryphon)* Fallén, 1813.

**Pterocormus** 1850 : 71 n.n. for *Brachypterus* Gravenhorst, 1829 nec Kugelann, 1794.  
 Type species, *Ichneumon (Brachypterus) means* Gravenhorst, 1829  
 = *Ichneumon latrator* (Fabricius, 1781)

Since *Pterocormus* was a new name for *Brachypterus*, it must have the same type species as the monobasic genus *Brachypterus*.



**Rhadina** : 170 nec Billberg, 1828.

Type species, *Xylonomus ater* Gravenhorst, 1829

Included and designated by Schmiedeknecht 1888 : 443 (Monobasic)

syn. *Rhadinopimpla* Schulz, 1911 (n.n.)

= *Xorides* Latreille, 1809 (Rohwer 1920)

= *Xorides ater* (Gravenhorst, 1829)

**Rhadinocera** : 177.

Type species, *Hemiteles (Rhadinocera) algonquinus* Viereck, 1917

Included by Viereck 1917 : 340 (Monobasic)

= *Acrolyta* Foerster, 1868 (Townes 1944)

= *Acrolyta nigricapitata* (Cook & Davis, 1891) (Townes 1944)

**Rhadiurgus** : 177 nec Loew, 1849.

Type species, *Hemiteles bicolorinus* Gravenhorst, 1829

As *Hemiteles (Rhadiurgus) bicolorinus*, included by Uchida, June 1933 : 153, 158  
(Monobasic)

= *Gelis* Thunberg, 1827 (s.l.) **syn. n.**

= *Gelis cinctus* (Linnaeus, 1758) (Roman 1932) **comb. n.**

I included this in *Gelis* in the wide sense, much as used by Townes. *Gelis* is distinguished in this case by the long mandible which has the anterior and posterior margins rounded and the base sharply and deeply impressed, and also having the transverse groove of the pronotum uninterrupted centrally. No doubt this broad group will later be divided into a number of segregates.

**Rhaestes** : 198.

Type species, *Grypocentrus rufipes* Holmgren, [1855]

As *Rhaestus* [emend. pro -es], included by Thomson 1883 : 924 (Monobasic)

= *Rhaestes rufipes* (Holmgren, [1855])

**Rhembobius** : 184.

Type species, *Phygadeuon quadrispinus* Gravenhorst, 1829

As *quadrispinosus*, included and designated by Ashmead 1906b : 30 (Monobasic)

= *Rhembobius quadrispinus* (Gravenhorst, 1829)

**Rhexidermus** : 192.

Type species, *Rhexidermus japonicus* Ashmead, 1906

Included by Ashmead 1906 : 171 (Monobasic)

**Rhexineura** : 156.

**Rhigelus** : 208.

Type species, *Trematopygus kriechebaumeri* Thomson, 1895 (By present designation)

= *Trematopygus* Holmgren, [1855] **syn. n.**

= *Trematopygus melanocerus* (Gravenhorst, 1829) (Roman 1925)

**Rhimphalea** : 202 nec Lederer, 1863.

Type species, *Rhimphalea brevicorpa* Davis, 1897

Included by Davis 1897 : 274 (Monobasic)

=*Exetastes* Gravenhorst, 1829 (Cushman 1937)

=*Exetastes bioculatus* Cresson, 1872 (Cushman 1937)

**Rhimphoctona** : 153.

Type species, *Pyracmon fulvipes* Holmgren, [1858]

Included by Woldstedt 1877 : 437 (Monobasic)

=*Pyracmon* Holmgren, [1858] (Szépligeti 1911)

=*Pyracmon grandis* (Boyer de Fonscoulombe, 1852) **comb. nov.**

syn. *Rhimphoctona grandis* (Boyer de Fonscoulombe) Seyrig, 1932

Tschek 1871 : 63 gives a description of a female *Pyracmon* that he believed to be that of *P. fulvipes*, described from the male. He concluded by saying that this female can hardly be other than belonging to Foerster's genus *Rhimphoctona* ; further, if the female was distinct then he proposed the name *Rhimphoctona rufipes* for it. This is not a definite placement of *fulvipes* in *Rhimphoctona*, and his own name *rufipes* is invalid.

**Rhinotorus** : 211.

Type species, *Spudaea longicornis* Schmiedeknecht, 1914 (By present designation)

syn. *Spudaea* Foerster, 1868 nec Snellen, 1867, *Prospudaea* Hincks, 1944 (n.n.)

**syn. nov.**

=*Rhinotorus longicornis* (Schmiedeknecht, 1914) **comb. n.**

**Rhorus** : 195.

Type species, *Tryphon mesoxanthus* Gravenhorst, 1829

Included by Woldstedt 1877 : 455 (Monobasic)

=*Rhorus mesoxanthus* (Gravenhorst, 1829)

**Rhythmonotus** : 151. (In the index, p. 220, given as *Rhytm-*)

Type species, *Rhythmonotus* [emend. pro *Rhyth-*] *singularis* Schmiedeknecht. 1909

Included by Schmiedeknecht 1909 : 1617 (Monobasic)

=*Casinaria* Holmgren, [1858] (Meyer 1935)

=*Casinaria singularis* (Schmiedeknecht, 1909)

Ashmead in Smith 1900a quotes *R. bilineatus* Ashmead ; this, however, is a nomen nudum.

**Saotis** : 210.

Type species, *Mesoleius* (*Saotus* [emend. pro *-is*]) *brevispina* Thomson, 1883

Included by Thomson 1883 : 934 (Five species)

Designated by Viereck 1914 : 130

=*Saotis brevispina* (Thomson, 1883)

**Sarcorychus** : 212.

Type species, *Tryphon notatus* Gravenhorst, 1829 (By present designation)

=*Synodites* Foerster, 1868 **syn. n.**

=*Synodites notatus* (Gravenhorst, 1829)

Roman 1936 regarded *Synodites* as inseparable from *Syndipnus* Foerster, 1868, but this section of the Euryproctini requires much further study.

***Sathropterus* : 147.**

Type species, *Thersilochus* [emend. pro *Ter-*] *pumilus* Holmgren, [1858]

Included by Szépligeti 1905 : 55 (Monobasic)

= *Sathropterus pumilus* (Holmgren, [1858])

***Schenkia* : 184.**

Type species, *Cryptus graminicola* Gravenhorst, 1829

Included and designated by Ashmead 1900b : 30 (Monobasic)

= *Schenkia graminicola* (Gravenhorst, 1829) (syn. *Cryptus brevicornis* Gravenhorst, 1829 according to first revisor)

***Schizopoma* : 145 n.n. for *Schizoloma* Wesmael, 1849.**

Type species, *Ichneumon amictus* Fabricius, 1775

= *Schizoloma* Wesmael, 1849

= *Schizoloma amicta* (Fabricius, 1775)

***Scinacopus* : 185.**

Type species, *Phygadeuon cnemargus* Gravenhorst, 1829

Included by Brischke 1891 : 69 (Monobasic)

= *Endasys* Foerster, 1868 (Habermehl 1912)

= *Endasys parviventris* var. *cnemargus* (Gravenhorst, 1829)

***Scoparches* : 211.**

Type species, *Tryphon bicolor* Gravenhorst, 1829 (By present designation)

= *Scopesis* Foerster, 1868 **syn. n.**

= *Scopesis bicolor* (Gravenhorst, 1829)

***Scopesis* : 209.**

Type species, *Mesoleius guttiger* Holmgren, [1855]

As *Scopesus* [emend. pro *-is*], included by Thomson 1894a : 2030 (Many species)

Designated by Viereck 1914 : 132

= *Scopesis bicolor* (Gravenhorst, 1829)

***Scopiorus* : 196.**

Type species, *Polyblastus marginatus* Holmgren, [1855]

Included by Thomson 1883 : 903 (Four species)

Designated by Viereck 1914 : 132

= *Ctenochira* Foerster, 1855 (Townes & Townes 1949)

= *Ctenochira arcuatus* var. *marginatus* (Holmgren, [1855]) (Schmiedeknecht 1912)

***Semnophrys* : 158.**

Type species, *Exetastes notatus* Holmgren, [1858] (By present designation) (From description)

= *Exetastes* Gravenhorst 1829 **syn. n.**

Schmiedeknecht 1910 : 1879 included this as a doubtful synonym of *Rhynchobanchus* Kriechbaumer, 1894.

**Sichelia** : 169.

Type species, *Xylonomus filiformis* Gravenhorst, 1829

Included by Schmiedeknecht 1888 : 443 (Monobasic)

Designated by Viereck 1914 : 133

=*Xorides* Latreille, 1809 (Rohwer 1920)

=*Xorides filiformis* (Gravenhorst, 1829)

**Sinophorus** : 153.

Type species, *Limneria (Sinophorus) canarsiae* Ashmead, 1898

Included by Ashmead 1898 : 126 (Monobasic)

=*Campoplex* Gravenhorst, 1829 (Viereck 1921)

=*Campoplex validus* (Cresson, 1864)

**Sobas** : 187 nec Pascoe, 1863.

Type species, *Cryptus cinctorius* (Fabricius) ; Gravenhorst, 1829

Included and designated by Schmiedeknecht 1890 : 113 (Monobasic)

=*Apsilops* Foerster, 1868 (Townes 1944)

=*Apsilops cinctorius* (Fabricius, 1775)

**Spanotecnus** : 197.

Type species, *Ichneumon filicornis* Gravenhorst, 1820

Included by Thomson 1883 : 911 (Four species)

Designated by Viereck 1914 : 135

=*Perilissus* Holmgren, [1855]

=*Perilissus filicornis* (Gravenhorst, 1820)

**Spinolia** : 173 nec Dahlbom, 1854.

Type species, *Hemiteles maculipennis* Gravenhorst, 1829

Included by Schmiedeknecht 1897 : 104 (Monobasic)

=*Chirotica* Foerster, 1868 **syn. n.** (syn. *Deuterospinolia* Dalla Torre, 1902 (n.n.))

=*Chirotica maculipennis* (Gravenhorst, 1829) **comb. n.**

**Spudaea** : 211 nec Snellen, 1867.

Type species, *Tryphon leucostomus* Gravenhorst, 1829

As *Mesoleius (Spudaeus* [emend. pro -a]) *leucostomus*, included by Thomson 1883 : 932 (Three species)

Designated by Viereck 1914 : 136

=*Rhinotorus* Foerster, 1868 **syn. n.** (syn. *Prospudaea* Hincks, 1944 (n.n.))

=*Rhinotorus leucostomus* (Gravenhorst, 1829) **comb. n.**

**Spudastica** : 155.

Type species, *Spudastica petiolaris* Thomson, 1887

Included by Thomson 1887 : 1123 (Monobasic)

=*Spudastica krieckbaumeri* (Bridgman, 1882)

Szépliget 1911 placed this species as a synonym of *Limneria rostralis* Brischke, 1880, but the original description disagrees radically with this interpretation.

**Steganops** : 175.

Type species, *Cryptus claviger* Taschenberg, 1865

Included and designated by Viereck 1914 : 136 (Monobasic)

= *Bathythrix* Foerster, 1868 (Townes 1944)

= *Bathythrix claviger* (Taschenberg, 1865)

*Steganops* was given as a synonym of *Leptocryptus* Thomson by Roman 1909 : 236 but with no included species.

**Stenomacrus** : 160.

Type species, *Orthocentrus silvaticus* Holmgren, [1856]

As a synonym of *S. femoralis* (Holmgren), included by Thomson 1898 : 2445 (Many species)

Designated by Viereck 1912a : 177.

= *Stenomacrus femoralis* (Holmgren, [1856])

**Stenoschema** : 220.

This name is a nomen nudum, occurring only in the index where Foerster states that it belongs to the Phygadeuontoidae.

**Sterotrichus** : 169.

Type species, *Xylonomus pilicornis* Gravenhorst, 1829

Included by Brischke 1880 : 127 (Monobasic)

= *Xorides* Latreille, 1809 (Rohwer 1920)

= *Xorides fuligator* (Thunberg, 1822) (Roman 1912)

**Stibeutes** 1850 : 76.

Type species, *Stibeutes gravenhorstii* Foerster, 1850

Included by Foerster 1850 : 77 (Three species)

Designated by Ashmead 1900b : 27

= *Phygadeuon* Gravenhorst, 1829 (Thomson 1884)

= *Phygadeuon gravenhorstii* (Foerster, 1850)

**Stiboscopus** : 182.

Type species, *Stiboscopus thoracicus* Ashmead, 1900

Included by Ashmead 1900 : 267 (Two species)

Designated by Viereck 1911a : 193

**Stilbops** : 163.

Type species, *Pimpla vetula* Gravenhorst, 1829

Included by Schmiedeknecht 1888a : 530 (Two species)

As *veluta*, designated by Ashmead 1900b : 55

= *Stilbops vetula* (Gravenhorst, 1829)

**Stiphrosomus** : 198 nec Fieber, 1858.

Type species, *Mesoleptus fuscicornis* (Gmelin) ; Gravenhorst, 1829

Included by Thomson 1895 : 1973 (Six species and one synonym)

Designated by Viereck 1914 : 139

= *Trapezocora* Foerster, 1868 **syn. n.** (syn. *Eustiphrosomus* Hincks, 1944 (n.n.))

= *Trapezocora fuscicornis* (Gmelin, 1790) **comb. n.**

Townes 1945 synonymized this segregate with *Pion* Schiødte, 1838.



***Strepsimallus* : 176.**

Type species, *Strepsimallus bicinctus* Ashmead, 1905  
 Included by Ashmead 1905a : 115 (Monobasic)

***Stygera* : 176.**

Type species, *Stygera rufipes* Perkins 1962  
 = *Cremnodes* Foerster, 1850 **syn. n.** (syn. *Caenomeris* Foerster, 1868) **syn. n.**  
 = *Cremnodes rufipes* (Perkins 1962) **comb. n.**

If *Caenomeris* is considered distinct from *Cremnodes*, then *Stygera* is considered a synonym of *Caenomeris*.

***Sychnoleter* : 197.**

Type species, *Mesoleptus geniculosus* Gravenhorst, 1829  
 Included and designated by Thomson 1889a : 1430 (Monobasic)  
 = *Sychnoleter geniculosus* (Gravenhorst, 1829)

***Sycnoportus* : 208.** (In the index, p. 220, given as *Sychnoportus*)

Type species, *Sychnoportus rufopectus* Ashmead, 1898  
 Included by Ashmead 1898a : 169 (Monobasic)  
 = *Polyterus* Foerster, 1868 (Townes 1945)  
 = *Polyterus olympiae* (Ashmead, 1896) (Townes 1945)

***Symboethus* : 204.**

Type species, *Tryphon exclamationis* Gravenhorst, 1829  
 As *Tryphon* (*Symboethus*), included by Morley 1911 : 178 (Two species)  
 Designated by Viereck 1914 : 140  
 = *Tryphon* (*Symboethus*) Foerster, 1868 (Morley 1911)  
 = *Tryphon* (*Symboethus*) *exclamationis* (Gravenhorst, 1829)

***Sympherta* : 196.**

Type species, *Tryphon burrus* Cresson, 1868  
 Included by Davis 1897 : 252 (Monobasic)  
 = *Pion* Schiødte, 1838 (Townes 1945)  
 = *Pion burrus* (Cresson, 1868)

Viereck 1914 : 140 gives "Two species", but the second is included as *Sympherta* ? and is therefore not available for type selection.

The status of the genera placed under *Pion* in the North American Catalogues requires reinvestigation.

***Symphobus* : 199.**

Type species, *Tryphon pleuralis* Cresson, 1864  
 Included by Davis 1898 : 323 (Monobasic)  
 = *Perilissus* Holmgren, [1855] (Townes 1945, Burks 1952)  
 = *Perilissus pleuralis* (Cresson, 1864)

*Perilissus* may well be divided into a number of segregates. Townes 1939 placed *Symphobus* as a synonym of *Oetophorus* Foerster, 1868.

**Symphylus** 1871 : 105 nec Dallas, 1851.

Type species, *Symphylus hadrodactylus* Foerster, 1871

Included and designated by Foerster 1871 : 105 (Two species)

= *Acrodactyla* Haliday, 1839 (Morley 1908) (syn. *Polemophthorus* Schulz 1911 (n.n.))

= *Acrodactyla degener* Haliday, 1839 **syn. n.**

**Symplecis** : 151.

Type species, *Symplecis alpicola* Foerster, 1871

Included by Foerster 1871 : 119 (Three species)

Designated by Viereck 1914 : 140

**Sympratis** : 146.

Type species, *Anomalon ferrugineus* Norton, 1863

As *Erigorgus* (*Sympratis*), included by Viereck 1917 : 285 (Monobasic)

= *Erigorgus* Foerster, 1868 (Townes 1945)

= *Erigorgus ferrugineus* (Norton, 1863)

**Synaema** : 201.

Type species, *Adelognathus brevicornis* Holmgren, [1855]

As *Syenenema* [lapsus pro *Synaema*], a synonym of *Adelognathus*, included by Szépliget 1911 : 50 (Many species)

Designated by Viereck 1914 : 141

= *Adelognathus* Holmgren, [1855] (Szépliget 1911)

**Synagrypnus** : 203.

Type species, *Synagrypnus blancoburgensis* Schmiedeknecht, 1914

Included by Schmiedeknecht 1914 : 2806 (Monobasic)

Meyer 1936 has synonymized this genus with *Hodostates* Foerster, 1868.

**Syndipnus** : 209.

Type species, *Euryproctus* (*Syndipnus*) *macrocerus* Thomson, 1883

Included by Thomson 1883 : 928 (Many species)

Designated by Viereck 1914 : 141

= *Syndipnus macrocerus* (Thomson, 1883)

**Syneches** : 173 nec Walker, 1852.

Type species, *Hemiteles* ? *thyridopteryx* Riley 1869

As *thyridopterigis*, included by Ashmead in Smith 1900a : 569

= *Hymenosyneches* Viereck, 1912 (n.n.)

= *Hymenosyneches thyridopteryx* (Riley, 1869)

Townes 1944 regards this as being congeneric with *Diaglypta* Foerster (= *Phobetes* Foerster Townes nec Foerster).

**Synetaeris** : 155.

Type species, *Synetaeris heteropus* Thomson, 1887

Included by Thomson 1887 : 1115 (Three species)

Designated by Viereck 1914 : 141

Habermehl 1922 has synonymized this species with *S. carbonella* Thomson, 1887 but this requires confirmation.

**Synodites** : 211.

Type species, *Tryphon assimilis* Holmgren, [1856]

As *Synodytes* [emend. pro *-dites*], included by Thomson 1894 : 2002 (Five species)

Designated by Viereck 1914 : 141

= *Synodites notatus* (Gravenhorst, 1829) (Pfankuch 1907)

Brischke 1892 : 37 quotes *Perilissus nigropunctatus* Brischke as possibly belonging to this genus [as *Synoditis lapsus* pro *-tes*].

**Synoecetes** : 203.

Type species, *Mesoleptus sedulus* Cresson, 1868

Included by Davis 1897 : 279 (Three species)

Designated by Viereck 1914 : 142

= *Synoecetes festivus* (Cresson, 1864) (Townes 1945)

**Synomelix** : 206.

Type species, *Synomelix sieboldii* Kriechbaumer, 1897

Included by Kriechbaumer 1897a : 188 (Monobasic)

= *Synomelix albipes* (Gravenhorst, 1829) (Schmiedeknecht 1913)

**Synoplus** : 159.

Type species, *Synoplus brevipennis* Ashmead, 1902

Included by Ashmead 1902 : 226 (Two species)

Designated by Viereck 1914 : 142

= *Stenomacrus* Foerster, 1868 (Townes 1945)

= *Stenomacrus brevipennis* (Ashmead, 1902)

**Syntactus** : 210.

Type species, *Ichneumon delusor* Linnaeus, 1758 (By present designation)

syn. *Brischkea* Kriechbaumer, 1897 **syn. n.**

= *Syntactus delusor* (Linnaeus, 1758) **comb. n.**

**Syrphoctonus** : 162.

Type species, *Bassus biguttatus* Gravenhorst, 1829

Included by Woldstedt 1877 : 441 (Four species)

Designated by Viereck 1914 : 142

= *Syrphoctonus biguttatus* (Gravenhorst, 1829)

**Syzeuctus** : 167.

Type species, *Ichneumon maculatorius* Fabricius, 1787

Included and designated by Schmiedeknecht 1888 : 439 (Monobasic)

= *Syzeuctus maculatorius* (Fabricius, 1787)

**Tachyporthus** : 210.

Type species, *Scolobates italicus* Gravenhorst, 1829

Included by Kriechbaumer 1901 : 95 (Monobasic)

= *Aeolometis* Foerster, 1868 (Viereck 1914)

= *Aeolometis italicus* (Gravenhorst, 1829)

**Tapinops** : 160.

Type species, *Orthocentrus californicus* Ashmead, 1890

Included by Ashmead 1896a : 204 (Monobasic)

=*Orthocentrus* Gravenhorst, 1829 (Townes 1945)

=*Orthocentrus pusillus* (Walsh, 1873)

**Tautozelus** : 212.

Type species, *Euceros egregius* Holmgren, [1855] (By present designation)

=*Euceros* Gravenhorst, 1829 **syn. n.**

=*Euceros serricornis* Haliday, 1839 (Morley 1911)

**Teleutaea** : 164.

Type species, *Glypta striata* Gravenhorst, 1829

Included by Schmiedeknecht 1888 : 431 (Monobasic)

=*Teleutaea striata* (Gravenhorst, 1829)

**Temelucha** : 148.

Type species, *Porizon macer* Cresson, 1872 (By present designation)

Included by Ashmead in Smith 1900a : 584 (Four species and one nomen nudum)

=*Temelucha facilis* (Cresson, 1872) (Cushman 1917 as *Cremastus*)

This reference to Ashmead 1900 seems to have been overlooked previously in considering the type species of *Temelucha*. The above selection of type should retain *Temelucha* in its recent usage.

**Terozoa** : 200.

Type species, *Terozoa quadridens* Perkins, 1962

**Terpiphora** : 185.

Type species, *Alegina alaskensis* Ashmead, 1902

Included and designated by Viereck 1914 : 144 (Monobasic)

=*Alegina* Foerster, 1868 (Townes 1944)

=*Alegina solitarius* (Ashmead, 1902) (Cushman 1922 as *Bathymetis*)

Roman 1909 : 243 tentatively places in this genus *Phygadeuon liogaster* Thomson ; he states that this species " would " be divided between *Alegina* and *Terpiphora* in Foerster's system.

**Thaumatotypus** : 172.

Type species, *Thaumatotypus femoralis* Brischke, 1881

Included by Brischke 1881 : 349 (Monobasic)

=*Gelis* Thunberg, 1827 **syn. n.**

=*Gelis femoralis* (Brischke, 1881) (syn. *Pezomachus myrmecinus* Thomson, 1884)

If *Gelis* is divided into different genera, then *Thaumatogelis* Schmiedeknecht, 1933 is a synonym of *Thaumatotypus*.

**Theroscopus** 1850 : 92.

Type species, *Pezomachus pedestris* (Fabricius) ; Gravenhorst, 1829

Included by Foerster 1850 : 102 (Many species)

Designated by Viereck 1914 : 145

=*Theroscopus pedestris* (Fabricius, 1775)

This species most probably belongs to the same segregate as *Hemiteles hemipterus* (Fabricius, 1793). If this is followed, then *Chamerpes* and *Phyrtus* become synonyms of *Theroscopus*. Townes regards the two latter genera as synonyms of *Eriplanus*, but this seems to me to be a dubious placement.

**Thymaris** : 151.

Type species, *Thymaris pulchricornis* Brischke, 1880

Included by Brischke 1880 : 145 (Monobasic)

= *Thymaris tener* (Gravenhorst, 1829) (syn. *Mesoleptus tener* Gravenhorst, 1829, *Hemiteles contaminatus* Gravenhorst, 1829 (Pfankuch 1906 and 1925))

Pfankuch synonymized the above two species of Gravenhorst with *Thymaris pulchricornis* Brischke. However, no priority was established between the two names and page priority has been followed.

**Thysiotorus** : 181.

See notes on Brischke species, p. 392

Type species, *Hemiteles (Physiotorus [sic]) brevipennis* Brischke, 1891

Included by Brischke 1891 : 71 (Two species)

Designated by Viereck 1914 : 145

= *Theroscopus* Foerster, 1850 **syn. n.**

= *Theroscopus hemipterus* (Fabricius, 1793)

**Tlemon** : 209.

Type species, *Tlemon delicatus* Ashmead, 1902

Included by Ashmead 1902 : 216 (Monobasic)

= *Syndipnus* Foerster, 1868 (Townes 1945)

= *Syndipnus delicatus* (Ashmead, 1902)

**Tolmerus** : 177 nec Loew, 1849.

**Tranosema** : 157.

Type species, *Tranosema arenicola* Thomson, 1887

Included by Thomson 1887 : 1138 (Three species)

Designated by Viereck 1914 : 147

Morley 1915 has synonymized this species with *Limneria robusta* Woldstedt, 1876, but there is no justification for this synonymy.

Szépligeti 1911 has synonymized *Tranosema* Foerster Thomson with *Gonotypus* Foerster, 1868. This however, is not based on type species.

**Trapezocora** : 208.

Type species, *Mesoleptus antilope* Gravenhorst, 1829 (By present designation)

syn. *Atrestes* Foerster, 1868, *Campogenes* Foerster, 1868, *Stiphrosomus* Foerster, 1868 nec Fieber, 1858, *Eustiphrosomus* Hincks, 1944 **syn. n.**

= *Trapezocora antilope* (Gravenhorst, 1829) **comb. n.**

**Trestis** : 174.

Type species, *Thestis [sic] tricincta* Ashmead, 1902

Included by Ashmead 1902 : 187 (Monobasic)

= *Eusterinx* Foerster, 1868 (Townes 1945)

= *Eusterinx trifasciata* (Ashmead, 1899) (Townes 1945)



**Tricamptus** : 194.

Type species, *Exenterus pratorum* Woldstedt, 1872

Included by Woldstedt 1877 : 454 (Monobasic)

=*Exyston* Schiødte, 1839 (Mason 1951)

=*Exyston pratorum* (Woldstedt, 1872)

**Trichocalymma** : 196.

Type species, *Trichocalymma bipunctatum* Woldstedt, 1877

Included by Woldstedt 1877 : 457 (Three species)

Designated by Viereck 1914 : 148

=*Errromenus* Holmgren, [1855] (cf. Schmiedeknecht 1912)

=*Errromenus bipunctatus* (Woldstedt, 1877)

Hellén 1944 states that this is a variety of *E. analis* Brischke, 1871.

**Tricholinum** : 183.

Type species, *Stiboscopellus pimploides* Roman, 1930

=*Tricholinum pimploides* (Roman, 1930) **comb. n.**

*Stiboscopellus* Roman, 1930 is therefore a synonym of *Tricholinum* Foerster, **syn. n.**

**Triclistus** : 161.

Type species, *Exochus podagricus* Gravenhorst, 1829

Included by Holmgren 1873 : 58 (Many species)

Designated by Morley 1913 : 300

=*Triclistus podagricus* (Gravenhorst, 1829)

**Trisacra** : 174.

Type species, *Hemiteles apertus* Thomson, 1884

Roman 1925 : 14 gives *Trisacra* as a synonym of *Gnyptetomorpha*, the included species are therefore the same as for *Gnyptetomorpha*.

Designated by Townes 1944 : 210

=*Gnyptetomorpha* Foerster, 1868 (Roman 1925)

=*Gnyptetomorpha aperta* (Thomson, 1884)

**Tromatobia** : 164.

Type species, *Pimpla variabilis* Holmgren, [1854]

Included by Schmiedeknecht 1888a : 448

Designated by Ashmead 1900b : 57

=*Tromatobia variabilis* (Holmgren, [1854])

In Schmiedeknecht's key to genera (1888 : 448) two species are mentioned, later (p. 496) he reproduces Foerster's manuscript key to *Tromatobia* and this contains ten species.

**Tromera** : 164.

Type species, *Pimpla pomorum* Ratzeburg, 1848

Included and designated by Schmiedeknecht 1888a : 448 (Monobasic)

=*Scambus* Hartig, 1838 (Townes 1944)

=*Scambus pomorum* (Ratzeburg, 1848)

**Tromopoea** : 210.

Type species, *Catoglyptus minor* Holmgren, [1855] (By present designation)  
 = *Syntactus* Foerster, 1868 (line priority) **syn. n.**  
 = *Syntactus minor* (Holmgren, [1855]) **comb. n.**

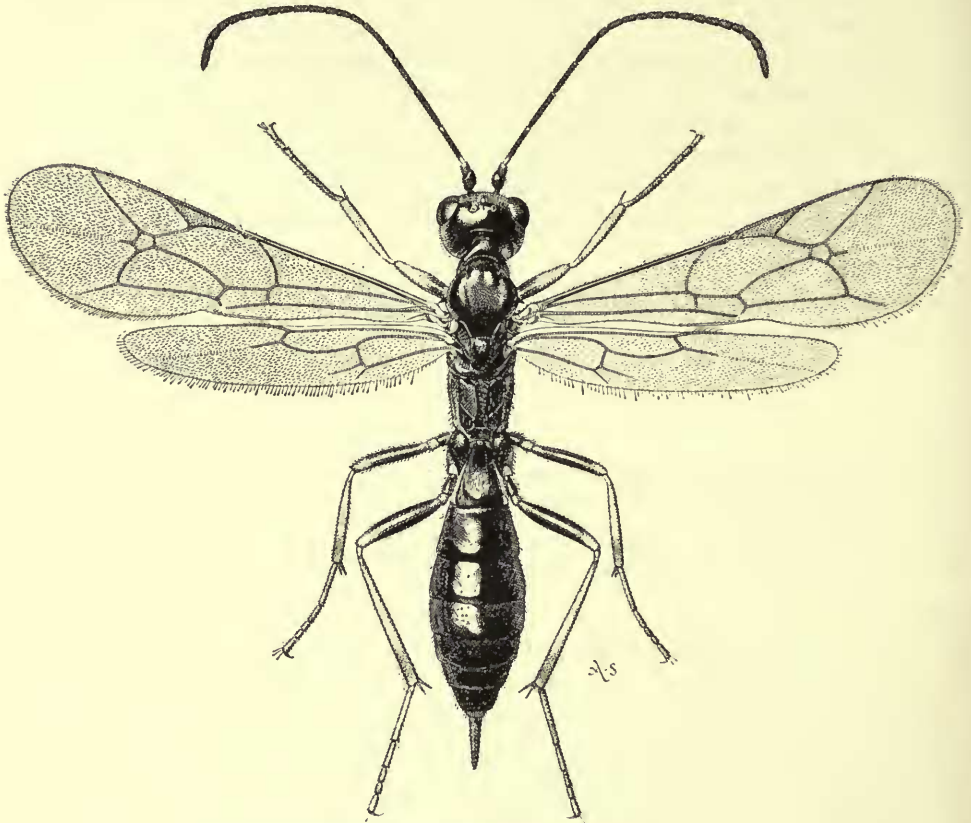


FIG. 4. *Tricholinum pimploides* (Roman) ♀.

**Trophoctonus** : 206.

Type species, *Tryphon xanthostomus* Gravenhorst, 1829  
 Included by Thomson 1894 : 1999-2000 (Two species)  
 Designated by Viereck 1914 : 150  
 = *Pantorhaestes* Foerster, 1868 (Pfankuch 1906 : 83)  
 = *Pantorhaestes xanthostomus* (Gravenhorst, 1829)

**Trychosis** : 187.

Type species, *Cryptus titillator* (Linnaeus) ; Gravenhorst, 1829  
 Included and designated by Schmiedeknecht 1890 : 114 (Many species)  
 = *Trychosis ambigua* (Tschek, 1870) (sec Schmiedeknecht 1904)

The type selection by Schmiedeknecht antedates that by Viereck 1914 : 151.

Thomson 1874 : 590 states that *Trychosis* is a synonym of *Goniocryptus* which was described with included species by Thomson 1873 : 490-494 ; in this, *Ichneumon titillator* Linnaeus is included. *Ichneumon titillator* Linnaeus is a species of *Cryptus* (syn. *C. recreator* Fabricius) (see Roman 1931).

***Trysicampe* : 207.**

Type species, *Ichneumon piceator* Thunberg, 1822 (By present designation)

= *Alloplasta* Foerster, 1868 **syn. n.**

= *Alloplasta piceator* (Thunberg, 1822)

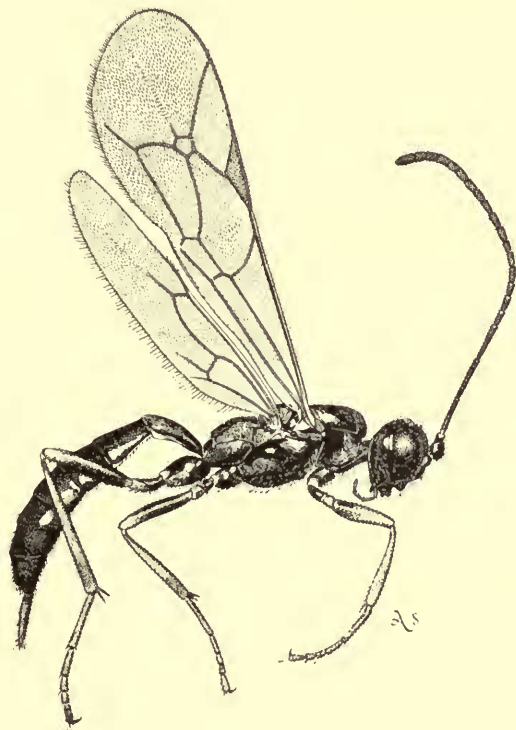


FIG. 5. *Tricholinum pimploides* (Roman) ♀.

***Tycherus* : 192.**

Type species *Phaeogenes (Proscus) elongatus* Thomson, 1891 (By present designation)

= *Phaeogenes* Wesmael, 1844 **syn. n.**

= *Phaeogenes elongatus* Thomson 1891

If *Proscus* Holmgren, 1889 is considered a distinct genus, then it falls as a synonym of *Tycherus*.

***Udenia* : 202.**

Type species, *Perilissus (Udenia) herrichii* Kriechbaumer, 1892

Included by Kriechbaumer 1892 : 40 (Monobasic)

= *Perilissus* Holmgren, [1855] (Schmiedeknecht 1912 : 2537)

= *Perilissus rufoniger* (Gravenhorst, 1820) (Roman 1914)

**Ulothymus** : 185.

Type species, *Ichneumon perscrutator* Thunberg, 1822 (By present designation)  
 = *Rhembobius* Foerster, 1868 **syn. n.**  
 = *Rhembobius perscrutator* (Thunberg, 1822)

**Urithreptis** : 180.

Foerster's specimen is a *Gelis* male, probably of the *Hemiteles rugifer* group, but at present undeterminable by me.

**Xenacis** : 167.

Type species, *Lissonota caligata* Gravenhorst, 1829  
 As *Henacis* [lapsus pro *Xen-*], included by Brischke 1880 ; 125 (Monobasic)  
 = *Cryptopimpla* Taschenberg, 1863  
 = *Cryptopimpla caligata* (Gravenhorst, 1829)

It should be noted that Viereck 1914 confused two completely distinct type species when he synonymized *Xenacis* under *Cylloceria*.

**Xenobrachys** : 179.

Type species, *Hemiteles longicaudatus* Thomson, 1884 (By present designation)  
 = *Dichrogaster* Doumerc, 1855 **syn. n.**  
 = *Dichrogaster longicaudatus* (Thomson, 1884) **comb. n.**

Roman 1925 synonymized this species with *ruficollis* Gravenhorst, 1829, but this is highly doubtful.

**Xenodocon** 1855 : 186.

Type species, *Xenodocon ruficornis* Foerster, 1855  
 Included by Foerster 1855 : 237 (Monobasic)  
 = *Acroricnus* Ratzeburg, 1852  
 = *Acroricnus stylator* (Thunberg, 1822)

**Xenolytus** : 174.

Type species, *Xenolytus rufipes* Cameron, 1906  
 Included by Cameron February 1906 : 154 (Monobasic)  
 syn. *Sternocryptus* Roman, 1925 **syn. n.**  
 = *Xenolytus bitinctus* (Gmelin, 1790) **syn. n. comb. n.**

The reference given by Viereck 1914 is to a later paper which was read 27 June, (Cameron 1906a : 329). The paper in the Annals quoted above was received by the British Museum on 10 April, 1906.

**Xenonastes** : 208.**Xenoschesis** : 158.

Type species, *Exetastes fulvipes* Gravenhorst, 1829  
 Included by Jemiller 1894 : 147 (Monobasic)  
 = *Xenoschesis fulvipes* (Gravenhorst, 1829)

**Xestophyes** : 189.

Type species, *Xestophya* [emend. pro -es] *fallax* Foerster, 1876  
 Included by Foerster 1876 : 28 (Two species)  
 As *Xestophya*, designated by Ashmead 1900b : 26.  
 = *Xestophyes fallax* Foerster, 1876

**Xylophrurus** : 169.

Type species, *Echthrus lancifer* Gravenhorst, 1829,  
 Included by Schmiedeknecht 1888 : 442 (Monobasic)  
 = *Xylophrurus dispar* (Thunberg, 1822) (Roman 1912)

**Zacalles** : 204.

Type species, *Zacalles magnus* Davis, 1898  
 Included by Davis 1898 : 283 (Monobasic)  
 = *Protarchus* Foerster, 1868 (Cushman 1924)  
 = *Protarchus magnus* (Davis, 1898)

**Zachresta** : 151.

Type species, *Zachresta insignis* Woldstedt, 1877  
 Included by Woldstedt 1877 : 436 (Monobasic)

**Zaglyptus** : 166.

Type species, *Polysphincta varipes* Gravenhorst, 1829  
 Included by Woldstedt 1877 : 444 (Monobasic)  
 = *Zaglyptus varipes* (Gravenhorst, 1829)

**Zapedias** : 206.**Zaphleges** : 184.

Type species, *Phygadeuon leucostigmus* Gravenhorst, 1829  
 As *leucostigmus* [lapsus pro *-stigmus*], included by Ashmead 1900b : 30 (Monobasic)  
 = *Phygadeuon* Gravenhorst, 1829 (Townes 1944)

**Zaphthora** : 206.**Zaplethis** : 205.

Type species, *Ichneumon sulphuratus* Gravenhorst, 1807 (By present designation)  
 = *Perispuda* Foerster, 1868 **syn. n.**  
 = *Perispuda sulphurata* (Gravenhorst, 1807)

**Zaporus** : 152.

Type species, *Campoplex dorsalis* Gravenhorst, 1829  
 Included by Schmiedeknecht 1907a : 599 (Monobasic)  
 = *Meloboris* Holmgren, [1858] (Szépligeti 1911)  
 = *Meloboris dorsalis* (Gravenhorst, 1829)

**Zatypota** : 166.

Type species, *Ichneumon percontatoria* Mueller, 1776  
 Included by Schmiedeknecht 1888 : 433 (Five species)  
 Designated by Viereck 1914 : 156  
 = *Zatypota percontatoria* (Mueller, 1776)

**Zemiodes** : 200.

Type species, *Mesoleptus (Zemiodes) erythropus* [Foerster MS.] Kriechbaumer, 1891  
 (By present designation)  
 Included by Kriechbaumer 1891a : 140 (Two species)  
 = *Hadrodactylus* Foerster, 1868  
 = *Hadrodactylus typhae* (Fourcroy, 1785) (Kriechbaumer 1891a)



**Zemiophora** : 203.

Type species, *Tryphon scutulatus* Hartig, 1838

As *Syndipnus* (*Zemiophorus* [emend. pro -a]) *scutulatus*, included by Thomson 1894 : 2000 (Monobasic)

= *Zemiophora scutulata* (Hartig, 1838)

Townes 1945 synonymized *Zemiophora* under *Synomelix* Foerster, 1868. These two genera seem to me to be quite distinct.

**Zemiophron** : 206.

Type species, *Mesoleius laevissimus* Strobl, 1903 (syn. *Alexeter rapinator* Gravenhorst ♂ Schmiedeknecht, 1914 nec Gravenhorst ♀ 1829) (By present designation)

= *Alexeter* Foerster, 1868 **syn. n.**

= *Alexeter laevissimus* (Strobl, 1903) (**comb. n.**)

Much confusion exists over the usage of the name *rapinator* Gravenhorst. Schmiedeknecht believed that the ♂ and ♀ described by Gravenhorst belonged to different species. Heinrich 1953 determined the type ♀ of *M. laevissimus* Strobl from Schmiedeknecht's work as *rapinator* Gravenhorst, and it was this species that Foerster placed under *Zemiophron*. Until a lectotype can be selected in the Gravenhorst collection, the usage of the name *rapinator* must remain in doubt. The ♀ *rapinator* in the Gravenhorst collection is *Lagarotis semicaligatus* (Gravenhorst, 1829) (Pfankuch 1906 : 86).

**Zetesima** 1876 : 25.

Type species, *Zetesima rufipes* Foerster, 1876

Included and designated by Foerster 1876 : 27 (Monobasic)

**Zoophthorus** : 180.

Type species, *Hemiteles* (*Zoophthorus*) *nigricaniformis* Viereck, 1917

Included by Viereck 1917 : 340

= *Mastrus* Foerster, 1868 (Townes 1944)

= *Mastrus gigas* (Provancher, 1886) (Townes 1944)

**Zootrephes** : 162.

Type species, *Bassus* (*Zootrephes*) *hilaris* Woldstedt, 1880

Included by Woldstedt 1880 : 175 (Monobasic)

= *Zootrephes hilaris* (Woldstedt, 1880)

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The generic names printed in bold type and arranged alphabetically on pp. 401-464 are not included in the index. All species names are included, but where the species was first placed in a subgenus, only the subgeneric name is appended. Synonyms and mis-spellings are given in italics. The authority for first synonymy of genera and species is given in the text except where this had already been included in Dalla Torre 1901-2.

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