# THE TYPE-SPECIES OF THE GENERA OF THE CYNIPOIDEA, OR THE GALL WASPS AND PARASITIC CYNIPOIDS.

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## PREFACE.

In recent years there has been considerable agitation, especially among economic and biological students, for the conservation of well-known generic names, but, if we can judge from the published expression of opinions, there is almost a balance between zoologists who favor conservation and those who favor strict priority. One of the first steps toward stability in generic nomenclature is the determination and designation of the genotypes. In the following paper, which is a contribution from the Branch of Forest Insects, Bureau of Entomology, prepared under the writer's direction, the genotypes of the Cynipoid genera are designated. All of the bibliographical and clerical work connected with this paper has been done by Miss Margaret M. Fagan, but the writer has examined, assisted, and approved the nomenclatorial details. The nomenclature is based on the rules of the International Commission of Zoological Nomenclature, and it is believed that the decisions as to genotypes will be supported, according to available evidence, by these rulings. Certain few questions concerning type fixation are not clearly covered by the International Code, and in these cases the decisions reached have been guided by the A. O. U. Code and consultation with Dr. Leonhard Stejneger and students in the Division of Insects of the United States National Museum.

The restriction of the two oldest generic names in the Cynipoidea, *Cynips* and *Diplolepis*, has heretofore never been satisfactorily determined. With *Diplolepis* especially has there been much uncertainty, as may be illustrated by the fact that in Catalogus Hymenopterorum Dalla Torre considers it a Chalcidoid, while in Das Tierreich, in conjunction with Kieffer, he places it among the gall-making Cynipoids. The literature on these two genera has been very carefully studied and it is believed that the decisions concerning them are correct. That these and the other changes are necessary is regrettable.

S. A. Rohwer.

## INTRODUCTION.

The following is an alphabetical catalogue of the 255 genera of the Cynipoidea with the type-species of each genus. The original references to all the genera have been examined and it is believed that the list as here given is correct, and complete up to July 1, 1916, according to the literature received in the libraries at Washington, District of Columbia.

The first attempt to fix genotypes of the genera of the Cynipoidea was made by Latreille in 1810, but as, unfortunately, he chose species not originally included, his type fixations are invalid. The next author to designate genotypes was Westwood, who, in 1840, designated types of the common British genera. Förster, in 1869, in his tabulation of the genera and species of gall-wasps, designated types for all the genera of Cynipoidea then known. In most cases of the older genera of the Cynipoidea his designation was correct, but in some cases, as *Cynips*, he chose as the type a species not originally included, so, according to present rulings, these designations cannot be accepted. Ashmead, in his classification, 1903, chose types for most of the genera and most of his designations are valid. Dalla Torre and Kieffer, in 1910, give a list of the genera of the Cynipoidea with the species which were originally included and also the type designations which were given by the original describers. The present paper is, however, the first comprehensive study of all the genera of the Cynipoidea with the idea of fixing the types from the purely nomenclatorial standpoint.

Up to the present Hartig's first paper on the classification of the Cynipoidea[1] has been given the date 1840. There is evidence, however, that Hartig finished the paper in May, 1839, and that it was reviewed by Erichson in Wiegmann's Archiv für 1840,[2] in connection with other entomological literature for the year 1839. It should, therefore, be given the date 1839. In the following list all of the new genera described in this paper are cited as 1839 in parentheses, followed by 1840, which indicates that 1840 is the date on the title page of the volume in which they appear.

The words "monobasic," "isogenotypic," etc., have the same conception as that indicated in Bulletin 83, United States National Museum.

The method of treatment is as follows: First, the generic name; second, the author; third, the reference; fourth, the number of species originally included (unless monobasic); fifth, the type; sixth, synonymy (if genera are isogenotypic); seventh, the authority

[1] Ueber die Familie der Gallwespen, Germar's Entomologie, vol. 2, pp. 176–209.
[2] Vol. 2, p. 272.

for the type designation; eighth, a list of subsequent or erroneous designations, in brackets. We have placed in the paper all references to type fixation which we know and will welcome any additional designations. When the genotype is placed by Dalla Torre and Kieffer, 1910, in some genus other than the one of which it is the type, a reference to this position has been added.

Throughout the paper the following abbreviations of the more important papers dealing with type fixations are used:

**Westwood, 1840.**

For WESTWOOD, J. O., Synopsis of the Genera of British Insects, 1840, published as an appendix to An Introduction to the Modern Classification of Insects, vol. 2, London, 1840.

**Förster, 1869.**

For FÖRSTER, ARNOLD, Ueber die Gallwespen.—Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 327–370.

**Ashmead, 1903.**

For ASHMEAD, W. H., Classification of the Gall-Wasps and the Parasitic Cynipoids, of the Superfamily Cynipoidea, Psyche, vol. 10, 1903, pp. 7–13, 59–73, 140–155.

**Dalla Torre and Kieffer, 1910.**

For DALLA TORRE, K. W. von, and KIEFFER, J. J., Das Tierreich, 24 Lieferung, Berlin, 1910.

## CATALOGUE OF GENERA.

**Acanthaegilips** ASHMEAD.

Psyche, vol. 8, 1897, p. 67.

Type.—*Acanthaegilips braziliensis* ASHMEAD. (Monobasic.)

**Acantheucoela** ASHMEAD.

Trans. Ent. Soc. London, 1900, p. 333.

Type.—*Cynips armatus* CRESSON. (Monobasic and designated by Ashmead, 1903, p. 67.)

**Acothyreus** ASHMEAD.

Trans. Amer. Ent. Soc., vol. 14, 1887, p. 157.

Type.—*Acothyreus osceola* ASHMEAD. (Monobasic, original designation and 1903.)

**Acraspis** MAYR.

20 Jahresber. Comm. Oberrealsch. I, Bez. Wien, 1881, pp. 2, 29. (Two species.)

Type.—*Cynips pezomachoides* OSTEN-SACKEN. (Present designation.)

**Adieris** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 344, 357.

Type.—*Adieris reclusa* FÖRSTER. (Monobasic and original designation.)

**Adleria**, new name=(Cynips AUTHORS, not LINNAEUS.

Type.—*Cynips kollari* HARTIG.

(See discussion under *Cynips* and *Diplolepis*.)

**Aegilips** (Haliday) WALKER.

Entom. Magaz., vol. 3, 1835, p. 160. Three species.

Type.—*Cynips nitidula* DALMAN. (Designated by Westwood, 1840, Synopsis, p. 56, and Förster, 1869, p. 362) [*Anacharis rufipes* Westwood, designated by Ashmead, 1903, p. 12, a subsequent designation.]

**Aglaotoma** FÖRSTER=(**Crypteucoela** KIEFFER).

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 334, 354.

Type.—*Cothonaspis codrina* HARTIG. (Monobasic and original designation.) Förster misidentified Hartig's species and Kieffer proposed to restrict the genus *Aglaotoma* to the species which Förster had before him, which has been renamed as *förstcri* by Kieffer. This is not in accord with the rulings of the International Commission of Nomenclature (see Opinions 35). . (*Aglaotoma* Kieffer)=*Aglaotomidea*, n.n.

**Aglaotomidea**, new name (=**Aglaotoma** KIEFFER, not FÖRSTER).

Type.—*Aglaotoma förstcri* KIEFFER (=*codrina* FÖRSTER not HARTIG). (See remarks under *Aglaotoma* Förster.)

**Agroscopa** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 343, 352.

Type.—*Agroscopa helgolandica* FÖRSTER. (Monobasic and original designation.)

[Genotype placed in *Aphyoptera* FÖRSTER by Dalla Torre and Kieffer, 1910, p. 198.]

**Allocynips** KIEFFER.

Phil. Journ. Sci., vol. 9, 1914, p. 185.

Type.—*Allocynips ruficeps* KIEFFER. (Original designation and monobasic.)

(**Allotria** WESTWOOD, not HÜBNER, 1816)=**Charips** HALIDAY.

Magaz. Nat. Hist., vol. 6, 1833, p. 494.

Type.—*Allotria victrix* WESTWOOD. (Monobasic.)

**Alloxysta** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 338, 340.

Type.—*Xystus macrophadnus* HARTIG. (Monobasic and original designation.)

(**Amblynotus** HARTIG) (=**Scytodes** HARTIG, not WALCKENAER, 1805)=**Melanips** (WALKER) GIRAUD.

Zeitschr. f. Entom., vol. 4, 1843, p. 419. =New name for *Scytodes* HARTIG, 1840, not WALCKENAER, 1805.)

Type.—*Scytodes opacus* HARTIG. (Present designation.)

[Type.—*Scytodes granulatus* Hartig. teste Ashmead, 1903, p. 9; not one of the originally included species of *Scytodes* (included in vol. 3, 1841), but in the genus when new name was proposed, but can not be type because a new name takes type of old genus which must be an originally included species.]

Isogenotypic with *Melanips* (Walker) Giraud.

(**Ameristus** FÖRSTER)=**Neuroterus** HARTIG.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 330, 333. (Two species.)

Type.—*Neuroterus politus* HARTIG. (Present designation.) Isogenotypic with *Neuroterus* Hartig.

**Amphibolips** REINHARD.

Berlin Entom. Zeitschr., vol. 9, 1865, p. 10. (Three species.)

Type.—*Cynips spongifica* OSTEN-SACKEN. (Original designation).

**Amphithectus** HARTIG.

Zeitschr. f. Entom., vol. 2, (1839) 1840, p. 203.

Type.—(*Amphithectus dahlbohmii* HARTIG.) (Monobasic.) =*Sarothrus arcolatus* HARTIG.

[Genotype placed in *Sarothrus* HARTIG by Dalla Torre and Kieffer, 1910, p. 74.]

**Anacharis** DALMAN.

Anal. Entom., 1823, p. 96.

Type.—*Cynips cucharioides* DALMAN. (Monobasic.)

**Anacharoides** CAMERON.

Rec. Albany Museum, vol. 1, 1903–06, p. 160.

Type.—*Anacharoides striaticeps* CAMERON. (Monobasic.)

**Andricus** HARTIG.

Zeitschr. f. Entom., vol. 2 (1839), 1840, pp. 185, 190. Nine species.

Type.—(*Andricus noduli* HARTIG.) (Designated by Förster, 1869, p. 335.) = *Andricus trilineatus* HARTIG.

**Anectoclis** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 345, 359. Two species.

Type.—*Anectoclis indagatrix* FÖRSTER. (Original designation.) [*Eucoela filicornis* Thomson, designated by Cameron 1889.]

**Anolytus** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 363, 365.

Type.—*Anolytus rufipes* FÖRSTER. (Monobasic and original designation.)

[Type.—*Onychia binsta* Haliday, designated by Ashmead, 1903, p. 11, a subsequent designation.]

**Antistrophus** WALSH.

Amer. Entomol., vol. 2, 1869, p. 74.

Type.—*Antistrophus ligodesmiae-pisum* WALSH. (Monobasic.)

**Aphelonyx** MAYR.

20 Jahresber. Comm. Oberrealsch. I, Bez. Wien, 1881, pp. 5, 29.

Type.—*Cynips cerricola* GIRAUD. (Monobasic.)

**Aphiloptera** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 343, 351. Two species.

Type.—*Aphiloptera anisomera* FÖRSTER. (Original designation.)

**Aphilothrix** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 331, 336.

Type.—*Cynips corticis* LINNAEUS. (Monobasic and original designation.)

[Genotype placed in *Andricus* by Dalla Torre and Kieffer, 1910, p. 477.]

**Aphyoptera** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 343, 351.

Type.—*Aphyoptera inustipennis* FÖRSTER. (Monobasic and original designation.)

**(Apistophyza** FÖRSTER**)=Glauraspidia** THOMSON.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 343, 351.

Type.—(*Cothonaspis microptera* HARTIG.) (Monobasic and original designation.) = *Glauraspidia subtilis* DAHLBOM. Isogenotypic through synonymy with *Glauraspidia* Thomson.

**(Apophyllus** HARTIG**)=Biorhiza** WESTWOOD.

Zeitschr. f. Entom., vol. 2 (1839), 1840, p. 185.

Type.—*Cynips aptera* FABRICIUS. (Monobasic.)

Isogenotypic with *Biorhiza* Westwood.

**Aporeucoela** KIEFFER.

Ann. Soc. Sci. Brux., vol. 32, 1908, p. 49.

Type.—*Aporeucoela fuscipes* KIEFFER. (Monobasic.)

**Arhoptra** KIEFFER.

Feuille Jeunes Natural., vol. 31, 1901, p. 161. (Two species.)

Type.—*Eucoila melanopoda* CAMERON. (Designated by Ashmead, 1903, p. 62.)

**Asclepiadiphila** ASHMEAD.

Can. Ent., vol. 29, 1897, p. 263.

Type.—*Asclepiadiphila stephanotidis* ASHMEAD. (Monobasic.)

[Genotype placed in *Aylax* by Dalla Torre and Kieffer, 1910, p. 677.]

**Aspicera** DAHLBOM (=**Onychia** (HALIDAY) WALKER, not HÜBNER, 1816) (=**Bellona** GIRAUD.)

Onychia and Callaspidia, 1842, p. 6.

Type.—(*Cynips cdiogastcr* PANZER)=(*Tenthredo*) *Aspicera scutellata* (VILLERS).

[A new name for *Onychia* (Haliday, Walker), not Hübner, and takes same type as genus for which it was proposed.] Isogenotypic with *Bellona* Giraud.

**Aulacidea** ASHMEAD.

Psyche, vol. 8, 1897, p. 68. Many species, only one named.

Type.—*Aulax mulgediicola* ASHMEAD. (Present designation.)

**Auloxysta** THOMSON.

Opusc. entom., P. 8, 1877, p. 811. Seven species.

Type.—*Auloxysta stricta* THOMSON. (Present designation.)

[Genotype placed in *Phaenoglyphis* FÖRSTER by Dalla Torre and Kieffer, 1910, p. 294.]

**Aylax** HARTIG.

Zeitschr. f. Ent., vol. 2, (1839) 1840, pp. 195–6. Eight species.

Type.—*Cynips rhocados* BOUCHÉ. (Designated by Ashmead, 1903, p. 213.)

[Dalla Torre and Kieffer treat this as questionably the same as *papaveris* (Perris).]

**Balna** CAMERON.

Biol. Centr.-Amer., P. 27, 1883, p. 74, Hymen. 1.

Type.—*Balna nigriceps* CAMERON. (Monobasic.)

**Bassettia** ASHMEAD.

Trans. Amer. Ent. Soc., vol. 14, 1887, p. 146. Two species.

Type.—*Bassettia floridana* ASHMEAD. (Designated by Ashmead, 1903, p. 155.)

(**Bathyaspis** FÖRSTER)=**Pediaspis** TISCHBEIN.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 330, 332.

Type.—(*Bathyaspis accris* FÖRSTER.) (Monobasic and original designation.) =(*Cynips*) *Pediaspis accris* (GMELIN). Isogenotypic through synonymy with *Pediaspis* Tischbein.

**Belenocnema** MAYR.

20 Jahresber. Comm. Oberrealsch. I, Bez. Wien, 1881, p. 4, 16.

Type.—*Belenocnema treatae* MAYR. (Monobasic.)

(**Bellona** GIRAUD)=**Aspicera** DAHLBOM.

Verh. Zool.-Bot. Ges. Wien, vol. 10, 1860, p. 156 (not Rechb. 1852, Birds).

Type.—(*Cynips cdiogastcr* PANZER)=*Aspicera scutellata* (VILLERS). An uncalled for new name for *Onychia* Westwood, not Hübner. Isogenotypic with *Aspicera* Dahlbom.

**Biorhiza** WESTWOOD=(**Apophyllus** HARTIG=**Heterobius** GUÉRIN).

Introd. Mod. Classific. Insect. II, Synopsis, 1840, p. 56.

Type.—*Cynips aptera* FABRICIUS. (Monobasic and original designation.)

According to our present knowledge of the date of publication of *Biorhiza* it would be necessary to consider it a synonym of *Apophyllus*. This we hesitate to do because of Erichson's statement (Wiegmann's Archiv Naturg., vol. 2, 1840, p. 274), which quotes *Apophyllus* as a synonym of *Biorhiza* and indicates that the name was proposed prior to the Synopsis. We therefore prefer to leave the date of publication of *Biorhiza* open to future investigations.

**Bothrioxysta** KIEFFER.

Bull. Soc. Hist. Nat. Metz (2), vol. 10, 1901, p. 9. Five species

Type.—*Auloxysta nigripes* THOMSON. (Present designation.)

**Bothrochacis** CAMERON.

Records Albany Museum, vol. 1, 1903–06, p. 163.

Type.—*Bothrochacis erythropoda* CAMERON. (Monobasic.)

**Caleucoela** KIEFFER.

Bull. Soc. Hist. Nat. Metz, vol. 26, 1909, p. 62.

Type.—*Caleucoela striatipennis* KIEFFER. (Monobasic.)

**Callaspidia** DAHLBOM.

Onychia and Callaspidia, 1842, p. 10. Two species.

Type.—*Callaspidia de fonscolombei* DAHLBOM. (Present designation.)

**Callirhytis** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 331, 335.

Type.—*Callirhytis hartigi* FÖRSTER. (Monobasic and original designation.)

**Calofigites** KIEFFER.

Bull. Soc. Hist. Nat. Metz, vol. 26, 1909, p. 93.

Type.—*Calofigites nitidus* KIEFFER. (Monobasic.)

**Cecconia** KIEFFER.

Bull. Soc. Hist. Nat. Metz, vol. 22, 1902, pp. 7, 93.

Type.—*Aulax valerianellae* THOMSON. (Monobasic and original designations.)

**Ceroptres** HARTIG.

Zeitschr. f. Entom., vol. 2 (1839), 1840, p. 186. Two species.

Type.—*Ceroptres clavicornis* HARTIG. (Designated by Förster, 1869, p. 364.)

**Charips** (HALIDAY) MARSHALL=(**Allotria** WESTWOOD, not HÜBNER, 1816).

Entom. Mon. Mag., vol. 6, 1870, p. 181.

Type.—*Charips microcera* (HALIDAY) MARSHALL. (Monobasic.)

**Chilaspis** MAYR.

20 Jahresber. Comm. Oberrealsch. I, Bez. Wien, 1881, pp. 6, 32.

Type.—*Andricus nitida* GIRAUD. (Monobasic.)

**Chrestosema** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 344, 355.

Type.—*Chrestosema erythropa* FÖRSTER. (Monobasic and original designation.)

**Cliditoma** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 342, 348. Five species.

Type.—*Cothonaspis geniculatus* HARTIG. (Original designation.)

[Genotype placed in *Kleidotoma* by Dalla Torre and Kieffer, 1910, p. 205.]

**Coelonychia** KIEFFER.

Wiss. Ergebn. Deutschr. Zentr. Afr. Exped. 1907–08, vol. 3, 1910, p. 19.

Type.—*Coelonychia spinosipes* KIEFFER. (Monobasic.)

**Compsodryoxenus** ASHMEAD.

Proc. U. S. Nat. Mus., vol. 19, 1896, p. 128. Two species.

Type.—*Compsodryoxenus maculipennis* ASHMEAD. (Designated by Ashmead, 1903, p. 155.)

**Coneucoela** KIEFFER.

Reise in Ostafrika v. A. Voeltzk, vol. 2, 1910, p. 534.

Type.—*Coneucoela gracilicornis* KIEFFER. (Monobasic.)

**Coptereucoila** ASHMEAD.

Trans. Amer. Ent. Soc., vol. 14, 1887, p. 151.

Type.—*Coptereucoila americana* ASHMEAD. (Monobasic.) =(*Kleidotoma ashmeadi* KIEFFER.)

[Genotype placed in *Kleidotoma* by Dalla Torre and Kieffer, 1910, p. 208.]

**Cothonaspis** HARTIG.

Zeitschr. f, Entom., vol. 2, (1839) 1840, p. 186. Fourteen species.

Type.—*Cothonaspis pentatoma* HARTIG. (Designated by Förster, 1869, p. 348.)

[Type.—*Cothonaspis scutellaris* Hartig, designated by Ashmead, 1903, p. 67.]

[Genotype placed in *Pentamerocera* by Dalla Torre and Kieffer, 1910, p. 148.]

**(Crypteucoela** KIEFFER**)=Aglaotoma** FÖRSTER.

Andre, Spec. Hym. Eur., vol. 7, pl. 2, 1904, p. 618. Two species.

Type.—*Cothonaspis codrina* HARTIG. (Present designation.)

Isogenotypic with *Aglaotoma* Förster.

**Cynips** LINNAEUS=**(Dryophanta** FÖRSTER**)**.

Syst. Nat., ed. 10a, vol. 1, p. 343, No. 12; p. 553, No. 213.

Type.—*Cynips quercus-folii* LINNAEUS. (Designated by Westwood, 1840, Synopsis, p. 56.) Morice and Durrant 1915 Trans. Ent. Soc. Lond., p. 431, state that Lamarck in 1801 chose *quercus-folii* Linnaeus as type of *Cynips*. With this we can not agree as we do not believe that Lamarck or most of the other old writers' examples are any more than illustrations of the various genera. They therefore can not be accepted as type designations by the International Code, which says, "The meaning of the expression 'select a type' is to be rigidly construed. Mention of a species as an illustration or example of a genus does not constitute a selection of a type."

[*Cynips tinctoria* Linnaeus (Förster, 1869); *Cynips quercus-radicis* Fabricius (Curtis, 1838); *Cynips argentata* Hartig (Ashmead, 1903); *Diplolepis bedeguaris* Fabricius (Latreille, 1810). None of these originally included. *Cynips quercus-gemmae* Linnaeus (Karsch 1880). It is doubtful if this is type designation.] Isogenotypic with *Dryophanta* Förster.

**(Cynips** AUTHORS**)=Adleria**, new name.

**Dallatorrella** KIEFFER.

Bull. Soc. Ent. Ital., vol. 41, 1909, p. 244.

Type.—*Dallatorrella rubriventris* KIEFFER. (Monobasic.)

**Diastrophus** HARTIG.

Zeitschr. f. Entom., vol. 2, (1839) 1840, p. 186.

Type.—*Diastrophus rubi* HARTIG. (Monobasic.)

**Diceraea** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 364, 367.

Type.—*Figites urticeti* DAHLBOM. Monobasic and original designation.)

**Dicerataspis** ASHMEAD.

Proc. Zool. Soc. Lond., 1895, p. 744.

Type.—*Dicerataspis grenadensis* ASHMEAD. (Monobasic.)

**Didictyum** RILEY.

Amer. Entomol., vol. 3, 1880, pp. 52, 293.

Type.—*Didictyum zigzag* RILEY. (Monobasic.)

[Genotype placed in *Hexaplasta* by Dalla Torre and Kieffer, 1910, p. 117.]

**Dieucoila** ASHMEAD.

Proc. Ent. Soc. Wash., 1903, p. 222.

Type.—*Dicucoila subopaca* ASHMEAD. (Monobasic and original designation.)

**Diglyphosema** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 342, 345.

Type.—*Diglyphosema cupatorii* FÖRSTER. (Monobasic.)

**Diholocynips**, new name =(**Holocynips** KIEFFER, 1916, not 1910).
Phil. Journ. Sci., vol. 11, 1916, p. 284–285.
Type.—*Holocynips nigra* KIEFFER. (A new name takes same species for type.)

**Dilyta** FÖRSTER.
Verh. Zool.—Bot. Ges. Wien, vol. 19, 1869, pp. 338, 340.
Type.—*Dilyta subclavata* FÖRSTER. (Monobasic and original designation.) [Genotype placed in *Alloxysta* by Dalla Torre and Kieffer, 1910, p. 255.]

**Dimicrostrophis** ASHMEAD.
Provancher, 1886, Addit. faun. Canad. Hymen., p. 160, 172.
Type.—*Dimicrostrophis ruficornis* ASHMEAD. (Monobasic.) [Genotype placed in *Eucoela* by Dalla Torre and Kieffer, 1910, p. 177.]

**Diplolepis** GOEFFROY (=**Rhodites** HARTIG).
Hist. Ins., vol. 2, 1762, p. 308. (Six species by number, the second is in bibliography by reference mentioned by name.)
Fourcroy, 1785, Ent. Paris, p. 391. (Gives names to Geoffroy's six species.)
Type.—*Cynips rosae* LINNAEUS. (Designated by Karsch, 1880.) [*Cynips quercus-folii* Fabricius, designated by Latreille, 1810, p. 436, not originally included.]
NOTE.—Karsch, 1880, Zeit. Gam. Naturh., p. 288, contends that Geoffroy fixed *Cynips rosae* Linnaeus, as the type of *Diplolepis* and in his (Karsch's) discussion he indicates that he approves of this designation. Geoffroy does not, in our opinion, designate the type. We consider that "C'est ce qui nous a porté à distinguer cet insect et à en former un genre separé" refers to the characters rather than a species. There is also some slight doubt whether the implied approval by Karsch of the supposed designation of type by Geoffroy can be considered as type designation for *Diplolepis*. Therefore, inasmuch as there is no other type designation for *Diplolepis* we chose as the type of this genus *Cynips rosae* Linnaeus. This designation can also be supported by the fact that *rosae* is, through the bibliography of species No. 2, the only species in the original description of *Diplolepis* which is mentioned by name. Westwood (Zool Journ., vol. 55 (1828), 1829, pp. 9–16) gives many reasons for suppressing Geoffroy's name, and, as with many authors, even Latreille considers *Diplolepis* Geoffroy a synonym of *Cynips* Linnaeus. It is much to be regretted that these authors did not designate types so it would have been possible to follow their conclusions. We regret very much that Karsch's paper makes it impossible for us to agree with the restriction of *Diplolepis* used by Dalla Torre and Kieffer in Das Tierreich. Isogenotypic with *Rhodites* Hartig.

**Diranchis** FÖRSTER.
Verh. Zool.—Bot. Ges. Wien, vol. 19, 1869, p. 360.
Type.—*Diranchis copulata* FÖRSTER. (Monobasic and original designation.) [Genotype placed in *Cothonaspis* by Dalla Torre and Kieffer, 1910, p. 124.]

**Disholcaspis** DALLA TORRE and KIEFFER=(**Holcaspis** MAYR, 1881, not CHAUDOIR, 186– .)
Das Tierreich, 1910, p. 371.
Type.—*Callaspidia quercus-globulus* FITCH.

**Disorygma** FÖRSTER.
Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 342, 346. Two species.
Type.—*Disorygma divulgata* FÖRSTER. (Original designation.)

**Dissodontaspis** KIEFFER.
Bull. Soc. Hist. Nat. Metz, vol. 26, 1909, p. 59.
Type.—*Dissodontaspis flavipes* KIEFFER. (Monobasic.)

**Ditrupaspis** KIEFFER.

Wiss. Ergebn. Deutsch. Zentr. Afr. Exped., 1907–8, vol. 3, 1910, p. 18.

Type.—*Ditrupaspis semirufa* KIEFFER. (Monobasic.)

**Dolichostrophus** ASHMEAD.

Trans. Amer. Ent. Soc., vol 14, 1887, p. 129, nota.

Type.—*Cynips quercus-irregularis* OSTEN-SACKEN. (Monobasic and original designation.) [*Cynips quercus-majalis* Bassett, designated by Ashmead, 1903, p. 151.] [Genotype placed in *Neuroterus* by Dalla Torre and Kieffer, 1910, p. 335.]

**Dryocosmus** GIRAUD.

Verh. Zool.-Bot. Ges. Wien, vol. 9, 1859, p. 353.

Type.—*Dryocosmus cerriphilus* GIRAUD. (Monobasic.)

(**Dryophanta** FÖRSTER)=**Cynips** LINNAEUS.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 331, 335.

Type.—*Cynips quercus-folii* LINNAEUS. (Monobasic and original designation.) Isogenotypic with *Cynips* Linnaeus.

**Dryorrhizoxenus** ASHMEAD.

Trans. Amer. Ent. Soc., vol. 9, 1881, p. xxv.

Type.—(*Dryorrhizoxenus floridanus* ASHMEAD.) (Monobasic.)=*Belenocnema treatae* MAYR. [Genotype placed in *Belenocnema* by Dalla Torre and Kieffer, 1910, p. 724.]

**Dryoteras** FÖRSTER=(**Teras** HARTIG, 1839, not TREITSCHKE, 1829).

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 331, 334.

Type.—(*Cynips terminalis* FABRICUS.) (Original designation.)=*Diplolepis pallida* OLIVIER. [Genotype placed in *Biorhiza* by Dalla Torre and Kieffer, 1910, p. 398.]

**Ectolyta** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 342, 347.

Type.—*Cothonaspis incrassata* THOMSON. (Monobasic and original designation.)

**Entropha** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 330, 334.

Type.—*Entropha lissonota* FÖRSTER. (Monobasic and original designation.) [Genotype placed in *Dryocosmus* by Dalla Torre and Kieffer, 1910, p. 381.]

**Episoda** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 343, 353.

Type.—*Episoda xanthocera* FÖRSTER. (Monobasic and original designation.)

**Erisphagia** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 342, 347. Two species.

Type.—*Eucoela depilis* GIRAUD. (Original designation.) [*Eucoela curta* Giraud, designated by ASHMEAD, 1903, p. 61.]

**Eschatocerus** MAYR.

29 Jahresber. Comm. Oberrealsch. I. Bez, Wien, 1881, pp. 3, 9, 13.

Type.—*Eschatocerus acaciae* MAYR. (Monobasic.)

(**Eubothrus** FÖRSTER)=**Isocolus** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19,. 1869, pp. 331, 336.

Type.—*Diastrophus scabiosae* GIRAUD. (Monobasic and original designation.) [Genotype placed in *Aylax* by Dalla Torre and Kieffer, 1910, p. 665.] Isogenotypic with *Isocolus* Förster.

**Euceroptres** ASHMEAD.

Trans. Amer. Ent. Soc., vol. 23, 1896, p. 187.

Type.—*Euceroptres primus* ASHMEAD. (Monobasic.) [Genotype placed in *Ceroptres* by Dalla Torre and Kieffer, 1910, p. 645.]

**Eucoela** WESTWOOD.

Magaz. Nat. Hist., vol. 6, 1833, p. 494.

Type.—*Eucoela crassinervis* WESTWOOD. (Monobasic.) [*Cothonaspis cubitalis* Hartig, designated by FÖRSTER, 1869, p. 357.]

**Eucoilidea** ASHMEAD.

Trans. Amer. Ent. Soc., vol. 14, 1887, p. 154. Two species.

Type.—*Eucoilidea canadensis* ASHMEAD. (Designated by Ashmead, 1903, p. 60.)

**Eumayria** ASHMEAD.

Trans. Amer. Ent. Soc., vol. 14, 1887, p. 147.

Type.—*Eumayria floridana* ASHMEAD. (Monobasic.)

**Eutrias** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 344, 357.

Type.—*Eucoela tritoma* THOMSON. (Monobasic and original designation.)

**Figites** LATREILLE.

Hist. Nat. Crust. et Insect. vol. 3, 1802, p. 307. Three species.

Type.—*Cynips scutellaris* ROSSI. (Designated by Latreille, 1810, p. 436.)

**Figitodes** ASHMEAD.

Trans. Amer. Ent. Soc., vol. 14, 1887, p. 150. No species.

ASHMEAD, Psyche, vol. 10, 1903, p. 11. One species.

Type.—*Diplolepis quinquelincatus* SAY. (Designated by Ashmead, 1903, p. 11.) [Genotype placed in *Aspiecra* by Dalla Torre and Kieffer, 1910, p. 57.]

(**Fioria** KIEFFER, not SILVESTRI, 1898)=**Fioriella** KIEFFER.

Bull. Soc. Entom. France, 1903, p. 31.

Type.—*Callirhytis marianii* KIEFFER (agamic form.) *Callirhytis meunieri* KIEFFER (sexual form.) (Original designation.)

**Fioriella** KIEFFER=(**Fioria** KIEFFER, not SILVESTRI, 1898).

Bull. Soc. Ent. France, 1903, p. 95.

Type.—*Callirhytis marianii* KIEFFER (agamic form.) *Callirhytis meunieri* KIEFFER (sexual form). (Original designation.)

**Frireniella** KIEFFER.

Bull. Soc. Hist. Nat. Metz, 1909, p. 64.

Type.—*Frireniella bisulcata* KIEFFER. (Monobasic.)

**Ganaspis** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, p. 355.

Type.—*Ganaspis mundata* FÖRSTER. (Monobasic and original designation.)

**Gillettea** ASHMEAD.

Psyche, vol. 8, 1897, p. 69.

Type.—*Gillettea taraxaci* ASHMEAD. (Monobasic and original designation.) [Genotype placed in *Aylax* by Dalla Torre and Kieffer, 1910, p. 665.]

**Glauraspidia** THOMSON=(**Apistophyza** FÖRSTER).

*Ofvers.* Svensk. Vet.-Akad. Förh., vol. 18, 1861, pp. 307 and 401.

Type.—*Eucoela subtilis* DAHLBOM. (Monobasic.) (Designated by Förster, 1869, p. 351. ([*Glauraspidia parva* Thomson, designated by Ashmead, 1903, p. 63, not originally included.] Isogenotypic with *Aspistophyza* Förster.

**Glyptoxysta** THOMSON.

Opusc. entom. P. 8, 1877, p. 811. Two species.

Type.—*Glyptoxysta xanthocephala* THOMSON. (Present designation.)

**Gonaspis** ASHMEAD.

Psyche, vol. 8, 1897, p. 68. Two species.

Type.—*Diastrophus scutellaris* GILLETTE. (Original designation.)

**Gonieucoela** KIEFFER.

Entom. Zeitschr., vol. 21, 1907, p. 113.

Type.—*Gonieucoela bilobata* KIEFFER. (Monobasic.)

**Gronotoma** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 342, 346. Two species.

Type.—*Gronotoma sculpturata* FÖRSTER. (Original designation.)

**Hemicrisis** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 338, 339.

Type.—*Hemicrisis ruficornis* FÖRSTER. (Monobasic and original designation.)

**Heptameris** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 342, 350.

Type.—*Eucoela pygmaea* DAHLBOM. (Monobasic and original designation.)

**Heptamerocera** ASHMEAD.

Proc. Zool. Soc. Lond., 1895, pp. 7, 60. Seven species.

Type.—*Heptamerocera robusta* ASHMEAD. (Original designation.) [Genotype placed in *Rhoptromeris* by Dalla Torre and Kieffer, 1910, p. 163.]

**Heptaplasta** KIEFFER.

Feuille Jeune Natural., vol. 31, 1901, p. 173. Two species.

Type.—*Heptamerocera alicna* ASHMEAD. (Designated by Ashmead, 1903, p. 67.)

(**Heterobius** GUÉRIN)=**Biorhiza** WESTWOOD.

Rev. Mag. Zool. (ser. 2), vol. 18, 1865, p. 138.

Type.—*Cynips aptera* Bosc. (Monobasic, as *Cynips aptera* Bosc is the same as *aptera* Fabricius. Isogenotypic with *Biorhiza* Westwood.

**Heterocynips** KIEFFER.

Boll. Soc. Ent. Ital., vol. 41, 1909, pp. 247 and 252.

Type.—*Heterocynips rufipes* KIEFFER. (Monobasic.)

**Hexacharis** KIEFFER.

Entomol. Zeitschr., vol. 21, 1907, p. 142.

Type.—*Hexacharis flavipes* KIEFFER. (Monobasic.)

**Hexacola** FÖRSTER. (=**Hexaplasta** FÖRSTER.)

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, p. 342, 349.

Type.—*Eucoela picicrus* GIRAUD. (Monobasic and original designation.) [*Kleidotoma hexatoma* Thomson was chosen by Ashmead, 1903, p. 62, as the type of *Hexacola* and is apparently the species which Förster had under the name *Eucoela picicrus* Giraud, but this can not be used as the type, because Förster definitely chose *Eucoela picicrus* Giraud and not *Eucoela picicrus*, as determined by himself. *Hexacola* of Förster's description and of subsequent authors is to be known as *Kleidotomidea*, which see.]

**Hexamerocera** KIEFFER.

Feuille Jeune Natural., vol. 31, 1901, p. 175. Fifteen species.

Type.—*Eucoela rufiventris* GIRAUD. (Designated by Ashmead, 1903, p. 66.)

(**Hexaplasta** FÖRSTER)=**Hexacola** FÖRSTER, genotype, not description.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 345, 359. Two species.

Type.—*Cothonaspis hexatoma* HARTIG. (Original designation.) [*C. hexatoma* Hartig is, according to Das Tierreich, p. 114, congeneric with *Eucoela picicrus* Giraud, the genotype of *Hexacola* Förster.]

(**Holcaspis** MAYR, not CHAUDOIR, 1850–, Col.)=**Disholcaspis** DALLA TORRE and KIEFFER.

20 Jahresber. Comm. Oberrealsch. I, Bez. Wien, 1881, p. 35. Three species.

Type.—*Cynips quercus-globulus* FITCH. (Designated by Ashmead, 1903, p. 153.)

**Holocynips** KIEFFER.
Boll. Lab. Portici, vol. 4, 1910, p. 114.
Type.—*Holocynips emarginata* KIEFFER. (Monobasic.)

(**Holocynips** KIEFFER, 1910, not 1910)=**Diholocynips**, new name.
Phil. Journ. Sci., vol. 11, 1916, p. 284–5.
Type.—*Holocynips nigra* KIEFFER. (Original designation and monobasic.)

**Hololexis** FÖRSTER.
Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 330, 333.
Type.—*Hololexis rufipes* FÖRSTER. (Monobasic and original designation.)
[Genotype placed in *Rhodites* by Dalla Torre and Kieffer, 1910, p. 714.]

**Homorus** FÖRSTER.
Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 363, 366.
Type.—*Figites abnormis* GIRAUD. (Monobasic and original designation.)
[Genotype placed in *Figites* by Dalla Torre and Kieffer, 1910, p. 83.]

**Hypodiranchus** ASHMEAD.
Fauna Hawaiiensis, vol. 1, 1901, p. 303. Two species.
Type.—*Hypodiranchis hawaiiensis* ASHMEAD. (Designated by Ashmead, 1903, p. 67.)

**Hypolethria** FÖRSTER.
Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 343, 355.
Type.—*Cothonaspis melanoptera* HARTIG. (Monobasic and original designation.)

**Ibalia** LATREILLE=(**Sagaris** PANZER).
Hist. Nat. Crust. et Insect., vol. 3, 1802, p. 306.
Type.—(*Ophion cultellator* FABRICIUS.) (Monobasic.) =*Ichneumon leucospoides* HOCHENWARTH. Isogenotypic with *Sagaris* Panzer.

**Idiomorpha** FÖRSTER.
Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 343, 353.
Type.—*Idiomorpha melanocera* FÖRSTER. (Monobasic and original designation.)

**Isocolus** FÖRSTER=(**Eubothrus** FÖRSTER).
Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 330, 334.
Type.—*Diastrophus scabiosae* GIRAUD. (Monobasic and original designation.) [Genotype placed in *Aylax* by Dalla Torre and Kieffer, 1910, p. 65]. Isogenotypic with *Eubothrus* Förster.

(**Kiefferia** ASHMEAD, not MIK, 1895)=**Kiefferiella** ASHMEAD.
Psyche, vol. 10, 1903, p. 10.
Type.—*Kiefferia rugosa* ASHMEAD. (Original designation.)

**Kiefferiella** ASHMEAD=(**Kiefferia** ASHMEAD, not MIK).
Proc. Ent. Soc. Wash., vol. 5, 1903, p. 221.
Type.—*Kiefferia rugosa* ASHMEAD. (Monobasic and original designation.)

**Kleidotoma** WESTWOOD.
Magaz. Nat. Hist., vol. 6, 1833, p. 494.
Type.—*Kleidotoma psilöides* WESTWOOD. (Monobasic.)

**Kleidotomidea**, new name. (=Hexacola FÖRSTER description and Authors, but not of Genotype.)
Type.—*Kleidotoma hexatoma* THOMSON. See Remarks under *Hexacola* and *Hexaplasta*.

**Lambertonia** KIEFFER.
Bull. Soc. Ent. France, 1901, pp. 158, 159. Three species.
Type.—*Lambertonia abnormis* KIEFFER. (Designated by Ashmead, 1903, p. 215.)

**Leptopilina** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 342, 348.

Type.—*Cothonaspis longipes* HARTIG. (Monobasic and original designation.)

**Liebelia** KIEFFER.

Bull. Soc. Ent. France, 1903, p. 31. No species.

Zeitschr. Hym. Dipt., vol. 3, 1903, p. 110. Redescribed as new genus and species.

Type.—*Liebelia cavarae* KIEFFER. (Monobasic.)

**Liodora** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 331, 334.

Type.—*Liodora sulcata* FÖRSTER. (Monobasic and original designation.) [Genotype placed in *Diplolepis* by Dalla Torre and Kieffer, 1910, p. 342.]

**Liopteron** PERTY.

Delect. anim. artic. Brazil, 1833, p. 140.

Type.—*Liopteron compressum* PERTY. (Monobasic.)

**Liposthenes** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 331, 336.

Type.—(*Aulax glechomae* HARTIG.) (Monobasic and original designation.) =*Aulax latreillei* KIEFFER.

In designating *glechomae* as the type of *Liposthenes*, Förster fortunately chose to follow the interpretation of this species as used by Hartig, which has been renamed *latreillei* by Kieffer, which makes it possible to use this name as Förster's characters indicate he intended it should be used, but Dalla Torre and Kieffer, 1910, p. 668, have placed the genotype in *Aulax*.

**Lonchidia** THOMSON.

Ofvers. Svensk. Vet.-Akad. Förh., vol. 18, 1861, p. 413. Three species.

Type.—*Figites maculipennis* DAHLBOM. (Designated by Förster, 1869, p. 364.)

**Loxaulus** MAYR.

20 Jahresber. Comm. Oberrealsch. I, Bez. Wien, 1881, pp. 8, 12, 33.

Type.—*Cynips quercus-mammula* BASSETT. (Monobasic.)

**Lytorhodites** KIEFFER.

Bull. Soc. Hist. Nat. Metz, (2) vol. 10, p. 96. Six species.

Type.—*Rhodites arefactus* GILLETTE. (Present designation.)

**Lytosema** KIEFFER.

Feuille Jeunes Natural, vol. 31, 1901, p. 162. Three species.

Type.—*Eucoela gucrini* DAHLBOM. (Designated by Ashmead, 1903, p. 67.)

**Lytoxysta** KIEFFER.

Nat. Zeitschr. Forst.-Landw. Jahrg. 7, 1909, p. 479. One species, one variety.

Type.—*Lytoxysta brevipalpis* KIEFFER. (Present designation.)

**Macrocereucoila** ASHMEAD.

Trans. Amer. Ent. Soc., vol. 14, 1887, p. 153.

Type.—*Macrocereucoila longicornis* ASHMEAD. (Monobasic.)

**Manderstjernia** RADOSZKOWSKI.

Bull. Soc., natural. Moscou, vol. 39, 1866, p. 304.

Type.—(*Manderstjernia paradoxa* RADOSZKOWSKI.) (Monobasic.)=*Cynips albopunctata* SCHLECHTENDAL. [Genotype placed in *Andricus* by Dalla Torre and Kieffer, 1910, p. 490.]

**Megapelmus** HARTIG.

Zeitschr. f. Entom., vol. 2, (1839) 1840, p. 186.

Type.—(*Megapelmus spheciformis* HARTIG.) (Monobasic.)=*Anacharis typica* WALKER. [Type.—*Megapelmus ensifer* Walker. (Designated by Förster, 1869, p. 361.)] [Genotype placed in *Anacharis* by Dalla Torre and Kieffer, 1910, p. 38.]

**Melanips** (WALKER) GIRAUD=(**Amblynotus** HARTIG).

WALKER, Entom. Magaz., vol. 3, 1835, p. 161. No species. GIRAUD, Verh. Zool.-Bot. Ges. Wien, vol. 10, 1860, p. 163. Seven species.

Type.—*Scytodes opacus* HARTIG. (Designated by Förster, 1869, p. 367.) Isogenotypic with *Amblynotus* Hartig.

**Mesocynips** CAMERON.

Journ. Royal Asiat. Soc., 1903, p. 91.

Type.—*Mesocynips insignis* CAMERON. (Monobasic.)

**Microstilba** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 342, 346. Three species.

Type.—*Microstilba bidentata* FÖRSTER. (Original designation.)

**Miomoera** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 343, 352.

Type.—*Mionectis aberrans* FÖRSTER. (Monobasic and original designation.)

**Miteucoela** KIEFFER.

Entom. Zeitschr., vol. 21, 1907, p. 113. Four species.

Type.—*Miteucoela nigriceps* KIEFFER. (Present designation.)

**Moneucoela** DALLA TORRE and KIEFFER.

Das Tierreich, 1910, p. 103. Two species.

Type.—*Diranchis grenadensis* ASHMEAD. (Present designation.)

**Nedinoptera** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 343, 350.

Type.—*Kleidotoma halophila* THOMSON. (Monobasic and original designation.)

**Nephycta** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 338, 339.

Type.—*Nephycta discreta* FÖRSTER. (Monobasic and original description.)

**Neralsia** CAMERON.

Biol. Centr.-Amer., P. 27, Hymen. I, 1883, p. 74.

Type.—*Neralsia rufipes* CAMERON. (Monobasic.)

**Nesodiranchis** PERKINS.

Fauna Hawaiiensis, Hym. Suppl., 1910, p. 668.

Type.—*Cothonaspis* (*Nesodiranchis*) *ashmeadi* PERKINS. (Monobasic.)

**Neuroterus** HARTIG=(**Ameristus** FÖRSTER).

Zeitschr. f. Entom., vol. 2 (1839), 1840, pp. 185, 192. Five species.

Type.—*Neuroterus politus* HARTIG. (Designated by Beutenmüller, 1910.) Isogenotypic with *Ameristus* Förster.

**Oberthürella** SAUSSURE.

Hist. Madagascar, vol. 20, pl. 20, fig. 8, 1890.

Type.—*Oberthürella lenticularis* SAUSSURE. (Monobasic.)

**Odonteucoila** ASHMEAD.

Proc. Ent. Soc. Wash., vol. 5, 1903, p. 222.

Type.—*Odonteucoila chapadae* ASHMEAD. (Monobasic.)

**Odontocynips** KIEFFER.

Boll. Lab. Portici, vol. 4, 1910, p. 112.

Type.—*Odontocynips nebulosa* KIEFFER. (Monobasic.)

**Odontosema** KIEFFER.

Bull. Soc. Hist. Nat. Metz, vol. 26, 1909, p. 58.

Type.—*Odontosema albinerve* KIEFFER. (Monobasic.)

**Omalaspis** GIRAUD.

Verh. Zool.-Bot. Ges. Wien, vol. 10, 1860, p. 155.

Type.—*Omalaspis noricus* GIRAUD. (Monobasic.)

[Type.—*Figites niger* Hartig, designated by Förster, 1869.]

**Omalaspoides** HEDICKE.

Entomol. Mitteilungen, vol. 2, 1913, p. 146. Two species.

Type.—*Omalaspoides letzneri* HEDICKE. (Original designation.)

**Onychia** (HALIDAY) WESTWOOD (not HÜBNER, 1816)=**Aspicera** DAHLBOM.

Magaz. Nat. Hist., vol. 6, 1833, p. 494.

Type.—(*Cynips cdiogaster* PANZER.) (Monobasic.)=*Aspicera scutellata* (VILLERS). Isogenotypic with *Aspicera* Dahlbom.

**Panteliella** KIEFFER.

ANDRE, 1902, Spec. Hym. Eur., Algeria, vol. 7, p. 324.

Type.—*Aulax fedtschenkoi* (RÜBSAAMEN). (Monobasic.)

**Paramblynotus** CAMERON.

The Entom., vol. 41, 1908, p. 299. Two species.

Type.—*Paramblynotus punctulatus* CAMERON. (Present designation.)

**Paramiomoea** ASHMEAD.

Trans. Zool. Soc. Lond., 1895, pp. 751, 774, 778.

Type.—*Paramiomoea heptatoma* ASHMEAD. (Monobasic.)

[Genotype placed in *Miomocra* Förster, by Dalla Torre and Kieffer, 1910, p. 133.]

**Parandricus** KIEFFER.

Marcellia, vol. 5, 1906, p. 102.

Type.—*Parandricus mairei* KIEFFER. (Monobasic.)

**Paraspicera** KIEFFER.

Ent. Zeitschr., vol. 21, 1907, p. 152.

Type.—*Paraspicera bakeri* KIEFFER. (Monobasic.)

**Parateras** ASHMEAD.

Can. Ent., vol. 29, 1897, p. 262.

Type.—*Parateras hubbardi* ASHMEAD. (Monobasic.)

**Paraulax** KIEFFER.

Bull. Soc. Nat. Metz, vol. 11, 1904, p. 59.

Type.—*Paraulax perplexus* KIEFFER. (Monobasic.)

**Pediaspis** TISCHBEIN=(**Bathyaspis** FÖRSTER).

Stettin. entom. Zeitg., vol. 13, 1852, p. 141.

Type.—*Pediaspis sorbi* TISCHBEIN. (Monobasic.)

Isogenotypic with *Bathyaspis* Förster through synonymy.

**Pentacrita** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 342, 349. Four species.

Type.—*Cothonaspis retusa* HARTIG. (Original designation.)

[Type.—*Eucocla cordata* Giraud, designated by Ashmead, 1903, p. 62.]

**Pentamerocera** ASHMEAD.

Proc. Zool. Soc. Lond., 1895, p. 774. Seven species.

Type.—*Pentamerocera angularis* ASHMEAD. (Original designation.)

**Pentaplasta** KIEFFER.

Feuille Jeunes Natural., vol. 31, 1901, p. 160.

Type.—*Pentacrita coxalis* ASHMEAD. (Monobasic.)

**Pentarhoptra** KIEFFER.

Feuille Jeunes Natural., vol. 31, 1901, pp. 172, 173. Two species.

Type.—*Eucocla tomentosa* GIRAUD. (Designated by Ashmead, 1903, p. 68.)

**Peras** WESTWOOD.

Mag. de Zool., vol. 7, 1837, pl. 179, Classe IX.

Type.—*Peras nigra* WESTWOOD. (Monobasic.)

**Periclistus** FÖRSTER.

Verh. Zool.-Bot Ges. Wien, vol. 19, 1869, pp. 332, 337.

Type.—*Aulax caninae* HARTIG. (Monobasic and original designation.)

**Pezophycta** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 338, 339.

Type.—*Xystus brachypterus* HARTIG. (Monobasic and original designation.)

**Phaenoglyphis** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, p. 338.

Type.—*Phaenoglyphis xanthochroa* FÖRSTER. (Monobasic and original designation.)

**Phanacis** FÖRSTER.

Verh. naturh. Ver. preuss. Rheinl., vol. 17, 1860, p. 145.

Type.—*Phanacis centaureae* FÖRSTER. (Monobasic.)

**Philonyx** FITCH.

5th Report Insects of New York, 1859, p. 783. Two species.

Type.—*Philonyx fulvicollis* FITCH. (Designated by Ashmead, 1903, p. 148.) [Genotype placed in *Biorhiza* by Dalla Torre and Kieffer, 1910, p. 402.]

**Phylloteras** ASHMEAD.

Psyche, vol. 8, 1897, p. 67.

Type.—*Biorhiza rubinus* GILLETTE. (Monobasic and original designation.) [Genotype placed in *Trigonaspis* by Dalla Torre and Kieffer, 1910, p. 393.]

**Piezobria** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 344, 358.

Type.—*Piezobria bicuspidata* FÖRSTER. (Monobasic and original designation.)

**Pilinothrix** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 345, 358. Two species.

Type.—*Pilinothrix designata* FÖRSTER. (Original designation.)

**Plagiotrochus** MAYR.

20 Jahresber. Comm. Oberrealsch. I, Bez. Wien, 1881, pp. 8, 12. Two species.

Type.—*Cynips quercus-ilicis* FABRICIUS. (Designated by Ashmead, 1903, p. 151.)

**Plastibalia** KIEFFER.

Boll. Soc. Ent. Ital., vol. 41, 1909, pp. 246 and 249.

Type.—*Plastibalia violaccipennis* KIEFFER. (Monobasic.)

**Poncyia** KIEFFER.

Marcellia, vol. 2, 1903, p. 86.

Type.—*Poncyia ferruginea* KIEFFER. (Monobasic.)

**Promiomera** ASHMEAD.

Proc. Ent. Soc. Wash., vol. 5, 1903, p. 221.

Type.—*Promiomera filicornis* ASHMEAD. (Monobasic and original designation.)

**Prosaspicera** KIEFFER.

Ent. Zeitschr., vol. 21, 1907, p. 153. Two species.

Type.—*Prosaspicera ensifera* KIEFFER. (Present designation.)

**Prosynapsis** DALLA TORRE and KIEFFER=(Synapsis FÖRSTER, 1869, not BATES, 1868).

Das Tierreich, 1910, p. 45.

Type.—*Synapsis aquisgranensis* FÖRSTER. (A new name takes same species for type.)

**Protoibalia** BRUES.

Bull. Mus. Comp. Zool., vol. 54, 1910, p. 15.

Type.—*Protoibalia connexiva* BRUES. (Original designation and monobasic.)

**Pseudeucoila** ASHMEAD.

Proc. Ent. Soc. Wash., vol. 5, 1903, p. 222.

Type.—*Eucoela* (*Cothonaspis*) *trichopsila* HARTIG. (Monobasic and original designation.)

**Pseudibalia** KIEFFER.

Boll. Soc. Ent. Ital., vol. 41, 1909, pp. 246 and 247.

Type.—*Pseudibalia fasciatipennis* KIEFFER. (Monobasic.)

**Psichacra** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 344, 356.

Type.—*Cothonaspis longicornis* HARTIG. (Monobasic and original designation.)

**Psilodora** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 348, 354. Two species.

Type.—*Cothonaspis boycnii* HARTIG. (Original designation.)

**Psilodoropsis** HEDICKE.

Deutsch. Ent. Zeitschr., 1913, p. 443.

Type.—*Psilodoropsis conradti* HEDICKE. (Original designation and monobasic.)

**Psilogaster** HARTIG.

Zeitschr. f. Entom., vol. 2, (1839) 1840, p. 187. Three species.

Type.—*Psilogaster anthyomyiarum* HARTIG. (Present designation.) [Genotype placed in *Figites* by Dalla Torre and Kieffer, 1910, p. 87.]

**Psilosema** KIEFFER.

Feuille Jeunes Natural, vol. 31, 1901, p. 160. Seven species.

Type.—*Psilosema giraudi* DALLA TORRE and KIEFFER. (Present designation.) (=*Cothonaspis pentatoma* GIRAUD and THOMSON, not HARTIG.) Inasmuch as it is doubtful that Ashmead's designation, 1903, p. 62, of *Cothonaspis pentatoma* Thomson as the type of *Psilosema* is valid, because *C. pentatoma* Thomson was not included, we designate as the type of *Psilosema*, *Cothonaspis pentatoma* Giraud, which is the same as *C. pentatoma* Thomson. The *C. pentatoma* Giraud is different from *C. pentatoma* Hartig, and has been renamed *giraudi* by Dalla Torre and Kieffer.

**Pycnostigmus** CAMERON.

Ann. Mag. Nat. Hist. (7), vol. 21, 1905, p. 20.

Type.—*Pycnostigmus rostratus* CAMERON. (Monobasic.)

**Pycnotrichia** FÖRSTER..

Verh. Zool.—Bot. Ges. Wien, vol. 19, 1869, pp. 363, 366. Three species.

Type.—*Pycnotrichia erythropa* FÖRSTER. (Original designation.) [Type.—*Figites urticarum* Dahlbom, designated by Ashmead, 1903, p. 10.] [Genotype placed in *Figites* by Dalla Torre and Kieffer, 1910, p. 86.]

**Rhabdeucoela** KIEFFER.

Entom. Zeitschr., vol. 21, 1907, p. 70. Six species.

Type.—*Rhabdeucoela nitidifrons* KIEFFER. (Original designation.)

**(Rhodites** HARTIG)=**Diplolepis** GEOFFROY.

Zeitschr. f. Entom., vol. 2, (1839) 1840, p. 186. Three species.

Type.—*Cynips rosae* LINNAEUS. (Designated by Förster, 1869, p. 332.) Isogenotypic with *Diplolepis* Geoffroy.

**Rhoophilus** MAYR.

20 Jahresber. Comm. Oberrealsch. I, Bez. Wien, 1881, p. 6, 11, 22.

Type.—*Rhoophilus loewi* MAYR. (Monobasic.)

**Rhoptromeris** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 344, 356. Six species.

Type.—*Cothonaspis cuccra* HARTIG. (Original designation.)

**Rhynchacis** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 342, 349.

Type.—*Cothonaspis nigra* HARTIG. (Monobasic and original designation.)

**(Sagaris** PANZER)=**Ibalia** LATREILLE.

Krit. Revis., vol. 2, 1806, p. 91.

Type.—(*Ophion cultellator* FABRICIUS). (Monobasic.) =*Ichneumon leucospoides* HOCHENWARTH.

Isogenotypic with *Ibalia* Latreille.

**Sapholytus** FÖRSTER.

Verh. Zool.—Bot. Ges. Wien, vol. 19, 1869, pp. 332, 337.

Type.—*Synergus apicalis* HARTIG. (Monobasic and original designation.) [Genotype placed in *Synergus* by Dalla Torre and Kieffer, 1910, p. 608.]

**Saphonecrus** DALLA TORRE and KIEFFER.

Das Tierreich, 1910, p. 605. Six species.

Type.—*Synergus connatus* HARTIG. (Original designation.)

**Sarothrus** HARTIG.

Zeitschr. f. Entom., vol. 2, (1839), 1840, p. 187. Three species.

Type.—(*Sarothrus canaliculatus* HARTIG.) (Designated by Förster, 1869, p. 367)=*Cynips tibialis* ZETTERSTEDT teste Dalla Torre and Kieffer, 1910, p. 75. [Type.—*Sarothrus arcolatus* Hartig, designated by Ashmead, 1903, p. 9.]

**Schizosema** KIEFFER.

Feuille Jeunes Natural., vol. 31, 1901, p. 161. Two species.

Type.—*Eucocla emarginatus* HARTIG. (Designated by Ashmead, 1903, p. 62.)

**(Scytodes** HARTIG, not WALCKENAER, 1805)=**Melanips** (WALKER) GIRAUD.

Zeitschr. f. Entom., vol. 2 (1839), 1840, p. 187. Two species.

Type.—*Scytodes opacus* HARTIG. (Present designation.)

**(Solenaspis** ASHMEAD, not OSTEN-SACKEN, 1881, in Diptera)=**Xyalosema** DALLA TORRE and KIEFFER.

Trans. Amer. Ent. Soc., vol. 14, 1887, p. 155.

Type.—*Solenaspis hyalinipennis* ASHMEAD. (Monobasic.)

**Solenozopheria** ASHMEAD.

Trans. Amer. Ent. Soc., vol. 14, 1887, p. 149.

Type.—*Solenozopheria vaccinii* ASHMEAD. (Monobasic.)

**Spathegaster** HARTIG.

Zeitschr. f. Entom., vol. 2 (1839), 1840, p. 186.

Type.—*Spathegaster petioliventris* HARTIG. (Monobasic.) [Genotype placed in *Neuroterus* by Dalla Torre and Kieffer, 1910, p. 327.]

**Sphaeroteras** ASHMEAD.

Psyche, vol. 8, 1897, p. 67.

Type.—*Biorhiza mollca* ASHMEAD. (Monobasic and original designation.) [Genotype placed in *Biorhiza* by Dalla Torre and Kieffer, 1910, p. 398.]

**Stelecucoela** KIEFFER.

Ann. Soc. Sci. Brux., vol. 32, 1908, p. 48.

Type.—*Stelecucoela piriformis* KIEFFER. (Monobasic.)

**Stirencoela** CAMERON.

The Entom., vol. 43, 1910, p. 180.

Type.—*Stirencoela striaticollis* CAMERON. (Monobasic.)

(**Synapsis** FÖRSTER, not BATES, 1868)=**Prosynapsis** DALLA TORRE and KIEFFER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, p. 361.

Type.—*Synapsis aquisgranensis* FÖRSTER. (Monobasic and original designation.)

**Synergus** HARTIG.

Zeitschr. f. Entom., vol. 2 (1839), 1840, p. 186. Fourteen species.

Type.—*Synergus vulgaris* HARTIG. (Designated by Förster, 1869, p. 338.)

**Synophromorpha** ASHMEAD.

Psyche, vol. 10, 1903, p. 145.

Type.—*Synophromorpha salicis* ASHMEAD. (Monobasic and original designation.)

**Synophrus** HARTIG.

Zeitschr. f. Entom., vol. 4, 1843, p. 411.

Type.—*Synophrus politus* HARTIG. (Monobasic.)

**Tavaresia** KIEFFER.

Bull. Soc. Ent. France, 1901, pp. 158, 160. Five species.

Type.—*Tavaresia carinata* KIEFFER. (Designated by Ashmead, 1903, p. 215.)

(**Teras** HARTIG, not TREITSCHKE, 1829)=**Dryoteras** FÖRSTER.

Zeitschr. f. Entom., vol. 2 (1839), 1840, p. 185.

Type.—(*Teras terminalis* FABRICIUS.) (Monobasic.)=*Diplolepis pallida* OLIVIER. teste Dalla Torre and Kieffer, 1910, p. 398.

**Tessmannella** HEDICKE.

Deutsch. Ent. Zeitschr., 1912, p. 303. Two species.

Type.—*Tessmannella spinosa* HEDICKE. (Original designation.)

**Tetramerocera** ASHMEAD.

Trans. Zool. Soc. Lond., 1895, p. 778.

Type.—*Tetramerocera variabilis* ASHMEAD. (Monobasic and original designation.)

**Tetraplasta** ASHMEAD.

Psyche, 1903, p. 68.

Type.—*Tetraplasta unica* ASHMEAD. (Original designation.)

**Tetrarhoptra** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 342, 349. Two species.

Type.—*Cliditoma heterotoma* THOMSON. (Original designation.) [Type.—*Tetrarhoptra tetratoma* Förster, designated by Ashmead, 1903, p 62.]

(**Tetratoma** CAMERON, not FABRICIUS)=**Tetrarhoptra** FÖRSTER.

Monogr. Brit. Phytoph. Hymen., vol. 3, 1890, p. 223. Four species.

Type.—*Kleditoma heterotoma* THOMSON. (Present designation.) Isogenotypic with *Tetrarhoptra* Förster.

**Thyreocera** ASHMEAD.

Trans. Amer. Ent. Soc., vol. 14, 1887, p. 154.

Type.—(*Thyreocera nigrifemora* ASHMEAD.) (Monobasic.)=(*Figites*) *Thyreocera laeviscutum* PROVANCHER, teste Ashmead, 1903, p. 10.

**Timaspis** MAYR.

20 Jahresber. Comm. Oberrealsch. 1 Bez. Wien, 1881, p. 18.

Type.—*Timaspis lampsanae* (PERRIS) KARSCH. (Monobasic.) [Type.—*Timaspis phaenixopodus* Mayr, designated by Ashmead, 1903, p. 214.]

**Tribalia** WALSH.

Proc. Ent. Soc. Phila., vol. 2, 1864, p. 470.

Type.—*Tribalia botatorum* WALSH. (Monobasic.)

**Trichagalma** MAYR.

Marcellia, vol. 6, 1907, p. 3.

Type.—*Trichagalma drouardi* MAYR. (Monobasic.)

**Trichoteras** ASHMEAD.

Psyche, vol. 8, 1897, p. 67.

Type.—*Trichoteras coquillctti* ASHMEAD. (Monobasic.)

**Trigonaspis** HARTIG.

Zeitschr. f. Entom., vol. 2 (1839), 1840, p. 186.

Type.—(*Trigonaspis crustalis* HARTIG.) (Monobasic.)=(*Cynips*) *Trigonaspis megaptera* PANZER.

**Triplasta** KIEFFER.

Feuille Jeunes Natural., vol. 31, 1901, p. 160. Three species.

Type.—*Kleidotoma atrocoxalis* ASHMEAD. (Designated by Ashmead, 1903, p. 61.)

**Trirhoptrasema** KIEFFER.

Bull. Soc. Ent. France, 1901, p. 344.

Type.—(*Kleidotoma americana* ASHMEAD.) (Monobasic.)=(*Kleidotoma*) *Trirhoptrasema ashmeadi*, new name.[1]

**Trischiza** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 364, 367.

Type.—*Figites agaricolarum* DAHLBOM. (Monobasic and original designation.)

(**Trisolenia** ASHMEAD, not EHRENBERG, 1861)=**Trisoleniella**, new name.

Trans. Amer. Ent. Soc., vol. 14, 1887, p. 142.

Type.—*Andricus* (*Trisolenia*) *saltatus* ASHMEAD. (Monobasic.) [Genotype placed in *Andricus* by Dalla Torre and Kieffer, 1910, p. 453.]

**Trisoleniella**, new name=(**Trisolenia** ASHMEAD, 1887, not EHRENBERG, 1861)

Type.—*Andricus* (*Trisolenia*) *saltatus* ASHMEAD.

**Trissandricus** KIEFFER.

Boll. Lab. Portici, vol. 4, 1910, p. 115.

Type.—*Trissandricus maculipennis* KIEFFER. (Monobasic.)

**Trisseucoela** KIEFFER.

Entomol. Zeitschr., vol. 21, 1907, p. 92. Three species.

Type.—*Trisseucoela fulvotincta* KIEFFER. (Present designation.)

**Trissodontaspis** ASHMEAD.

Proc. Ent. Soc. Wash., vol. 5, 1903, p. 222.

Type.—*Trissodontaspis rufipes* ASHMEAD. (Monobasic and original designation.)

**Tropideucoila** ASHMEAD.

Proc. Ent. Soc. Wash., vol. 5, 1903, p. 221.

Type.—*Tropideucoila rufipes* ASHMEAD. (Monobasic and original designation.)

**Trybliographa** FÖRSTER.

Verh. Zool. Bot. Ges. Wien, vol. 19, 1869, p. 359. Ten species.

Type.—*Cothonaspis scutellaris* HARTIG. (Original designation.) [Genotype placed in *Cothonaspis* by Dalla Torre and Kieffer, 1910, p. 125, as a species without a name.]

[1] Since *Coptereucoela* Ashmead is a synonym of *Kleidotoma*, *Kleidotoma americana* Ashmead, 1887, Trans. Amer. Ent. Soc., vol. 14, p. 152, line 6, needs a new name, being preoccupied by (*Coptereucoela*) *Kleidotoma americana* Ashmead, same reference top line. For this we propose *ashmeadi*. (Kieffer, 1901, Feuille Jeunes Natural., vol. 31, p. 161, erroneously renames (*Coptereucoela*) *Kleidotoma americana* Ashmead 1887, Trans. Amer Ent. Soc., vol. 14, p. 152, top line, as *ashmeadi*).

**Tylosema** KIEFFER.

Bull. Soc. Nat. Metz, vol. 12, 1905, p. 112.

Type.—*Tylosema nigerrimus* KIEFFER. (Monobasic and original designation.)

**Xanthoteras** ASHMEAD.

Can. Ent., vol. 29, 1897, p. 262.

Type.—*Biorhiza forticornis* WALSH. (Monobasic and original designation.)

**Xenocynips** KIEFFER.

Boll. Lab. Zool. Portici, vol. 4, 1910, p. 340.

Type.—*Xenocynips subsquamata* KIEFFER. (Monobasic.)

**Xestophanes** FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 332, 337.

Type.—*Cynips potentillae* DE VILLERS. (Monobasic and original designation.)

**Xyalaspis** HARTIG.

Zeitschr. f. Entom., vol. 4, 1843, p. 416.

Type.—*Xyalaspis laevigatus* HARTIG. (Monobasic.)

[Type.—*Cynips nitidula* Dalman, designated by Ashmead, 1903, p. 12.]

**Xyalophora** KIEFFER.

Bull. Soc. Ent. France, 1901, p. 344. Three species.

Type.—*Figites clavatus* GIRAUD. (Original designation.)

**Xyalosema** DALLA TORRE and KIEFFER (=**Solenaspis** ASHMEAD, not OSTEN-SACKEN, 1881.)

*Das Tierreich*, 1910, p. 94.

Type.—*Solenaspis hyalinipennis* ASHMEAD. (A new name takes same type.)

**Xystoteras** ASHMEAD.

Can. Ent., vol. 29, 1897, p. 260.

Type.—*Xystoteras volutellae* ASHMEAD. (Monobasic.)

(**Xystus** HARTIG, not SCHÖNHERR, 1826)=**Charips** HALIDAY.

Zeitschr. f. Entom., vol. 2 (1839), 1840, p. 186. Ten species.

Type.—*Xystus erythrocephalus* HARTIG. (Present designation.)

**Zaeucoila** ASHMEAD.

Proc. Ent. Soc. Wash., vol. 5, 1903, p. 222.

Type.—*Zaeucoila unicarinata* ASHMEAD. (Monobasic and original designation.)

**Zamischus** ASHMEAD.

Proc. Ent. Soc. Wash., vol. 5, 1903, p. 221.

Type.—*Zamischus brasiliensis* ASHMEAD. (Monobasic and original designation.)

**Zopheroteras** ASHMEAD.

Can. Ent., vol. 29, 1897, p. 261.

Type.—*Acraspis vaccinii* ASHMEAD. (Monobasic.) [Genotype placed in *Trigonaspis* by Dalla Torre and Kieffer, 1910, p. 393.]

**Zygosis** FÖRSTER.

Verh. Zool. Bot. Ges. Wien, vol. 19, 1869, pp. 363, 365.

Type.—*Psilogaster heteropterus* HARTIG. (Monobasic and original designation.)

In the preceding pages the following new generic and specific names, which should be accredited to Rohwer and Fagan, are proposed:

# INDEX.

In this specific index, where the name is followed by two generic names, the first (given in parenthesis) is the genus in which the species was described, and the second is the genus of which it is the type; where only one generic names is given, the species was described in and is the type of that genus.