

THE TYPE-SPECIES OF THE GENERA OF THE CYNIP- POIDEA, 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 Cynipoidea¹ 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 peczomachoides* 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 *Diptolepis*.)

Aegilips (Haliday) WALKER.

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

Type.—*Cynips nitidula* DALMAN. (Designated by Westwood, 1840, Synopses, 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 *försteri* 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 försteri* 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 opucus* 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.) Isogenotype 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 dahlbohmi* 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 eucharoides* 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 trilincatus HARTIG.

Anectoclis FÖRSTER.

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

Type.—*Anectoclis indagatrix* FÖRSTER. (Original designation.) [*Eucocla fliticornis* 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 binsti* Haliday, designated by Ashmead, 1903, p. 11, a subsequent designation.]

Antistrophus WALSH.

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

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

Aphelonyx MAYR.

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

Type.—*Cynips ecrricola* 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.)

(Apistophya 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 ediogaster* 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 mulgedicola* 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 Rehb. 1852, Birds).

Type.—(*Cynips ediogaster* 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 fonscolombeii* DAHLBOM. (Present designation.)**Callirhytis** FÖRSTER.

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

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

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

Type.—*Calogigites nitidus* KIEFFER. (Monobasic.)**Cecconia** KIEFFER.

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

Type.—*Anlax valerianellae* THOMSON. (Monobasic and original designations.)**Ceroptres** HARTIG.

Zeitschr. f. Eutom., 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* GRAUD. (Monobasic.)**Chrestosema** FÖRSTER.

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

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

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

Type.—*Colthonaspis 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.)**Conucoela** KIEFFER.

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

Type.—*Conucoela 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 *Pentamicrocera* 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-radici* Fabricius (Curtis, 1838); *Cynips argutata* 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 urticae* 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, 203.

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

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

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

Hist. Ins., vol. 2, 1762, p. 308. (Six species by number, the second is in bibliography by reference mentioned by name.)

Foureroy, 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 séparé" 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 scmirufa* 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 cecripilus* 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.)=*Belcnoenema trcatae* MAYR. [Genotype placed in *Belcnoenema* by Dalla Torre and Kieffer, 1910, p. 724.]

Dryoteras FÖRSTER=(**Teras** HARTIG, 1830, not TREITSCHKE, 1829).

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

Type.—(*Cynips terminalis* FABRICUS.) (Original designation.)=*Diptolepis 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 incassata* 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 xanthocura* 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.]**Eucollidea** ASHMEAD.

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

Type.—*Eucollidea 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 *Aspicra* by Dalla Torre and Kieffer, 1910, p. 57.]**(Floria** KIEFFER, not SILVESTRI, 1898)=**Fioriella** KIEFFER.

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

Type.—*Callirhytis marianii* KIEFFER (agamie form.) *Callirhytis meunieri* KIEFFER (sexual form.) (Original designation.)**Fioriella** KIEFFER=(**Floria** KIEFFER, not SILVESTRI, 1898).

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

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

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

Type.—*Frircniella 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** FÜRSTER.

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

Type.—*Gronotoma sculpturata* FÜRSTER. (Original designation.)**Hemicrisis** FÜRSTER.

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

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

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 *Rhopstromeris* by Dalla Torre and Kieffer, 1910, p. 163.]**Heptaplasta** KIEFFER.

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

Type.—*Heptamerocera alicia* 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** FÜRSTER. (= **Hexaplasta** FÜRSTER.)

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

Type.—*Eucoela picirus* 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 Fürster had under the name *Eucoela picirus* Giraud, but this can not be used as the type, because Fürster definitely chose *Eucoela picirus* Giraud and not *Eucoela picirus*, as determined by himself. *Hexacola* of Fürster'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** FÜRSTER)=**Hexacola** FÜRSTER, 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 picirus* Giraud, the genotype of *Hexacola* Fürster.]**(Holcaspis** MAYR, not **CHAUDOIR**, 186-, 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, 1916, 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.)

Hypoethria FÖRSTER.

Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 343, 355.

Type.—*Cothonasps melanoptera* HARTIG. (Monobasic and original designation.)

Iballe 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 psiloides* 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.)

Liebella 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.—*Liebella 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 latrecillei* 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 *latrecillei* 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 arfactus* GILLETTE. (Present designation.)

Lytosema KIEFFER.

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

Type.—*Eucocla gucinii* 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.)

Macrocerucoila ASHMEAD.

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

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

Manderstjerna RADOSZKOWSKI.

Bull. Soc., natural. Moscou, vol. 39, 1886, p. 304.

Type.—(*Manderstjerna 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 sphaeciformis* HARTIG.) (Monobasic.) = *Anacharis typica* WALKER. [Type.—*Megapelmus cusifer* 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.)

Miomocera 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 nigricaps* 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. 333, 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 Hawaïensis, 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 chapadac* 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 GIBAUD.

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

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

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

Omalaspoides HEDICKE.

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

Type.—*Omalaspoides lctzneri* 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 fcdtschenkoi* (RÜBSAAMEN). (Monobasic.)

Paramblynotus CAMERON.

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

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

Paramiomoca ASHMEAD.

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

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

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

Parandrius KIEFFER.

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

Type.—*Parandrius mairi* KIEFFER. (Monobasic.)

Paraspicera KIEFFER.

Ent. Zeltschr., 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 coralii* ASHMEAD. (Monobasic.)

Pentarthoptra KIEFFER.

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

Type.—*Eucoela 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.)

Pilinotrix FÖRSTER.

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

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

Plagiotrochus MAYR.

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

Type.—*Cynips quercus-ileicis* 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 ferruginca* KIEFFER. (Monobasic.)

Promiomeria ASHMEAD.

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

Type.—*Promiomeria 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 fuscitipennis* 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 boyceii* 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 anthomyiarum* 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 erythroa* 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 locwi* MAYR. (Monobasic.)
- Rhoptromeris FÖRSTER.**
 Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, pp. 344, 356. Six species.
 Type.—*Cothonaspis cucera* 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) GIBAUD.**
 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.]
- Sphaeroterus ASHMEAD.**
 Psyche, vol. 8, 1897, p. 67.
 Type.—*Biorhiza melica* ASHMEAD. (Monobasic and original designation.)
 [Genotype placed in *Biorhiza* by Dalla Torre and Kieffer, 1910, p. 398.]

Stelcucoela KIEFFER.

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

Type.—*Stelcucoela piriformis* KIEFFER. (Monobasic.)**Stireucoela CAMERON.**

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

Type.—*Stireucoela striaticollis* CAMERON. (Monobasic.)(Synopsis FÜRSTER, not BATES, 1868) = *Prosynapsis* DALLA TORRE and KIEFFER. Verh. Zool.-Bot. Ges. Wien, vol. 19, 1869, p. 361.Type.—*Synopsis aquisgranensis* FÜRSTER. (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* FÜRSTER.

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

Type.—(*Teras terminalis* FABRICIUS.) (Monobasic.) = *Diptolepts pallido* 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 FÜRSTER.**

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* FÜRSTER.

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

Type.—*Kleditoma heterotoma* THOMSON. (Present designation.) Isogonotypic 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 Jahrbuch. Conn. Oberrealsch. 1 Bez. Wien, 1881, p. 18.

Type.—*Timaspis lampsanæ* (PERRIS) KARSCII. (Monobasic.) [Type.—*Timaspis phaenizopodus* 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 coquilletti* ASHMEAD. (Monobasic.)**Trigonaspis** HARTIG.

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

Type.—(*Trigonaspis crustalis* HARTIG.) (Monobasic.) = (*Cynips*) *Trigonaspis megaloptera* PANZER.**Triplasta** KIEFFER.

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

Type.—*Kleidotoma atrocavalis* 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 *Coptercucoela* 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 (*Coptercucoela*) *Kleidotoma americana* Ashmead, same reference top line. For this we propose *ashmeadi*. (Kieffer, 1901, Feuille Jeunes Natural., vol. 31, p. 161, erroneously renames (*Coptercucoela*) *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 OSTENSACKEN, 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.]**Zygnosis** 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:

<i>Adleria</i>	p. 359	<i>Kleidotomida</i>	p. 369
<i>Aglatotomida</i>	p. 360	<i>Trirhoptrascema ashmeadi</i>	p. 377
<i>Diholocynips</i>	p. 367	<i>Trisolenella</i>	p. 377

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 name is given, the species was described in and is the type of that genus.

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