

**The Types of Proctotrupeidea (Hymenoptera)  
in the  
United States National Museum**

*By* Lubomir Masner<sup>1</sup> and Carl F.W. Muesebeck<sup>2</sup>

There has been increasing activity, in recent years, in the study of the Proctotrupeidea, a very large group of parasitic Hymenoptera, of which the vast majority of species are still undescribed. Several students of the superfamily, particularly in Europe, have been publishing actively on the systematics of the group, and the growing emphasis on biological methods of controlling injurious insects has resulted in an increasing need for reliable identifications. This situation demands a sound understanding of the groundwork that was laid in the past in order that repetition and confusion may be avoided. The publication of a list of the described genera and subgenera of Proctotrupeidea, with citation of their type-species (Muesebeck and Walkley, 1956), has helped to define the genera and subgenera of this group and to bring about uniformity in the application of these names.

Another fundamental and essential step is the establishment of the identity of the described species. The type series of some species consists of two or more different forms, and the original author has often failed to designate a holotype. It has become advisable, therefore, to review the case for each species and, where necessary, to designate a lectotype as the standard for the species. Unfortunately, the types of species described by some authors, notably Kieffer, have become widely scattered or lost, but large type collections of Proctotrupeidea occur in certain institutions, particularly in the British Museum (Natural History) and the United States National Museum. The senior author studied the proctotrupoid types in the British Museum and in the Hope Department of Entomology at Oxford in 1961 and subsequently (Masner, 1965) published a list of these with appropriate lectotype designations where such action was required. Under a grant from the National Institutes of Health, he spent several months of 1964 in study of the types of Proctotrupeidea

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<sup>1</sup> Czechoslovak Academy of Sciences, Prague.  
<sup>2</sup> U.S. National Museum.

in the U.S. National Museum. Because of certain complexities that developed, this study subsequently became a joint undertaking. The present paper lists all the species, the types of which were deposited in the National Museum, including several whose types have been lost. Authors of the species, the types of which are in the National Museum, are Ashmead, Brues, Cockerell, Crawford, Crawford and Bradley, Dozier, Fitch, Fouts, Fullaway, Gahan, Girault, Howard, Jackson, Kamal, Mann, Morrill, Muesebeck, Myers, Nixon, Priesner, Pschorn-Walcher, Riley, Rohwer, Stelfox, Timberlake, Townes, and Wilcox. Most abundant, and most important because they include the type-species of numerous genera, are the species described by Ashmead. A relatively small number of the type-specimens of Ashmead's species are in other institutions, particularly the British Museum (Natural History) and the Zoological Museum of the Humboldt University in Berlin, but the U.S. National Museum contains most of them; a number of these are the types of forms which have become the type-species of genera that were described by Foerster without originally included species, and some confusion has resulted because of Ashmead's misinterpretation of the Foerster genera. An effort has been made by the senior author to clear up various troublesome problems in the generic taxonomy and nomenclature of the Proctotrupeoidea, and pertinent changes are shown in the second supplement of the catalog of the North American Hymenoptera (Krombein and Burks, 1967, pp. 285-305). The present paper essentially follows the treatment of the superfamily in that work. The genera are considered in alphabetical order under each family, and the species are arranged alphabetically under the genera, with the center heading for each species showing our present view concerning generic placement. Holotypes are recorded where these are considered as having been established in the original descriptions, and lectotypes are designated where such designations have seemed to be required. The pertinent label data of the holotype or lectotype are given for each specimen, as well as the number assigned to each in the Museum's catalog of insect types. There is also a brief indication of the condition of each type-specimen, followed by mention of the number of additional specimens in the type series. Where an author, in connection with his original description of a species, mentioned a National Museum type number and only one specimen bearing this number is marked "Type," he is considered to have designated a holotype, even though he did not expressly say so in his description. Should a question be raised as to the validity of this assumption, that specimen is to be considered as having been selected as lectotype by the authors of this paper. In some instances, notably in the Platygasteridae, lectotype selections had already been made; each such selection is mentioned, together with the literature reference.

The United States National Museum contains the types of 735 species of Proctotrupeoidea distributed among the various families as follows: Vanhorniidae, 1; Roproniidae, 2; Proctotrupidae, 23; Diapriidae, 162; Scelionidae, 290; Platygasteridae, 188; Ceraphronidae, 69. They are kept in separate cabinets apart from the regular collection in order to lessen exposure to damage. They are in individual trays in drawers, each tray labeled with the original name, generic and specific, under which the species was described. The collection is grouped by authors; under the individual authors the types are arranged alphabetically by species, and the original or present generic name is ignored. This arrangement assures quick location of any type contained in the collection.

**Family Vanhorniidae***Vanhornia eucnemidarum* Crawford

*Vanhornia eucnemidarum* Crawford, 1909, p. 63.

Holotype female, USNM no. 12584; Silver Spring, Md., on *Acer*, Hopkins U.S. no. 8149c, R. W. Van Horn; well preserved. Allotype and 2 paratypes (female and male).

**Family Roproniidae***Ropronia brevicornis* Townes

*Ropronia brevicornis* Townes, 1948, p. 88.

Holotype male, USNM no. 18324; Foochow, China, C. R. Kellogg; well preserved. Seven paratypes (females and males).

*Ropronia garmani* Ashmead

*Ropronia* [sic] *garmani* Ashmead, 1898a, p. 132

Holotype male, USNM no. 11852; Lexington, Ky., H. Garman; both antennae missing, thorax somewhat damaged by pin. Unique.

**Family Proctotrupidae***Codrus canadensis* (Ashmead)

*Proctotrypes canadensis* Ashmead, 1893, pp. 335, 342.

Holotype female, USNM no. 11713; Ottawa, Canada, W. H. Harrington; preserved except that right antenna is missing after 4th segment. Unique.

*Codrus carolinensis* (Ashmead)

*Proctotrypes carolinensis* Ashmead, 1893, pp. 335, 341.

Holotype male, USNM no. 2311; North Carolina; well preserved. Unique.

*Codrus femoratus* (Ashmead)

*Proctotrypes femoratus* Ashmead, 1893, pp. 335, 344.

Holotype female USNM no. 11717; Wyoming; well preserved. Unique.

*Codrus japonicus* (Ashmead), new combination

*Proctotrypes japonicus* Ashmead, 1904d, p. 68.

Holotype male, USNM no. 7114; Sapporo, Japan; both antennae missing after 3d segment. Unique

*Codrus longiceps* (Ashmead)

*Proctotrypes longiceps* Ashmead, 1893, pp. 335, 342.

Holotype female, USNM no. 11712; Ottawa, Canada, W. H. Harrington; well preserved except that right antenna has only the first 3 segments remaining. Unique.

*Codrus medius* (Ashmead)

*Proctotrypes medius* Ashmead, 1893, pp. 335, 343.

Holotype female, USNM no. 11715; Ottawa, Canada, Harrington no. 220; well preserved except that right antenna is missing. Unique.

*Codrus quadriceps* (Ashmead)

*Proctotrypes quadriceps* Ashmead, 1893, pp. 335, 343.

Holotype female, USNM no. 11716; New Jersey; well preserved. Unique.

*Codrus simulans* (Ashmead)

*Proctotrypes simulans* Ashmead, 1893, pp. 335, 342.

Holotype female USNM no. 11714; Arlington, Va.; well preserved except that left antenna is missing after 6th segment. Unique.

*Codrus texanus* (Ashmead)

*Proctotrypes texanus* Ashmead, 1893, pp. 335, 341.

Holotype male (described as female), USNM no. 2310; Texas; well preserved. Unique.

*Cryptoserphus arcuator* Stelfox

*Cryptoserphus arcuator* Stelfox, 1950, p. 314.

Holotype female, USNM no. 69370; Glending, County Wicklow, Ireland, Oct. 9, 1946, A. W. Stelfox; well preserved. Unique.

*Cryptoserphus belfragei* (Ashmead)

*Proctotrypes Belfragei* Ashmead, 1893, pp. 335, 340.

Holotype female, USNM no. 2309; Texas; well preserved except that forelegs are missing. Unique.

*Cryptoserphus bruesi* Muesebeck and Walkley

*Disogmus obsoletus* Brues, 1905, p. 186. Preoccupied.

*Cryptoserphus bruesi* Muesebeck and Walkley, 1951, p. 665.

Holotype female, USNM no. 66275; Morris Cove, Conn., May 20, 1904; well preserved. Unique.

*Cryptoserphus clypeatus* (Ashmead)

*Proctotrupes clypeatus* Ashmead, 1893, pp. 334, 339.

Holotype female USNM no. 11711; Ithaca, N.Y.; left antenna missing, wings damaged. Unique.

*Phaenoserphus nigripes* (Ashmead)

*Proctotrupes nigripes* Ashmead, 1902b, p. 136.

Holotype male, USNM no. 5517; St. Paul Island, Alaska, Aug. 17, 1897, T. Kincaid; left antenna missing after 3d segment, right after 7th, left forewing and right hindwing missing. Unique.

*Phaenoserphus obliquus* (Ashmead)

*Proctotrupes obliquus* Ashmead, 1893, pp. 334, 338.

Holotype male, USNM no. 2308; Texas, right antenna with 11 segments remaining, left with only the scape. Unique.

*Proctotrupes coloradicus* Cockerell

*Proctotrupes coloradicus* Cockerell, 1905, p. 204.

Holotype female, USNM no. 11718; Boulder Colo., Oct. 1, 1904, T. D. A. Cockerell; well preserved. Unique.

*Proctotrupes florissantensis* Rohwer

*Proctotrupes florissantensis* Rohwer, 1909, p. 134.

Lectotype female, USNM no. 13369; Florissant, Colo., June 22, 1908, S. A. Rohwer; well preserved. Two male paralectotypes.

*Proctotrupes linellii* Ashmead

*Proctotrupes Linellii* Ashmead, 1893, pp. 334, 337.

Holotype male, USNM no. 11709; Long Island, N. Y.; right antenna missing after 10th segment, left after 7th. Unique.

*Proctotrupes longiusculus* Brues

*Proctotrupes longiusculus* Brues, 1909, p. 155.

Holotype male, USNM no. 26581; Harrisburg, Pa., October 2; well preserved except that left antenna is missing after 4th segment. Unique.

*Proctotrupes melliventris* Ashmead

*Proctotrupes melliventris* Ashmead, 1887a, p. 99.

Holotype male, USNM no. 11710; Jacksonville, Fla.; well preserved except that left antenna is missing after 10th segment. Unique.

*Proctotrupes terminalis* Ashmead

*Proctotrupes terminalis* Ashmead, 1893, pp. 334, 337.

Lectotype male, USNM no. 2307; Columbus, Ohio; left antenna missing after 9th segment, right after 6th. One male paralectotype.

*Thomsonina scymni* (Ashmead)

*Proctotrupes scymni* Ashmead, 1904d, p. 67.

Lectotype female, USNM no. 7113; Japan, from *Scymnus dorcadomoides* (Weise), A. Koebele; well preserved. Thirteen paralectotypes (males and females).

*Watanabeia epilachnae* Pschorn-Walcher

*Watanabeia epilachnae* Pschorn-Walcher, 1958, p. 728.

Holotype female, USNM no. 67545; Lembang, Indonesia, Aug. 15, 1920, from *Epilachna octovigintipunctata* (Fabricius), P. van der Goot; wings matted together, legs incomplete. Two female paratypes.

## Family Diapriidae

## Subfamily Diapriinae

*Aneurhynchus floridanus* Ashmead

*Aneurhynchus floridanus* Ashmead, 1893, pp. 404, 405.

Holotype male, USNM no. 11783; Fort George, Fla.; well preserved except that right antenna is missing after 9th segment. Unique.

*Aneurhynchus mellipes* Ashmead

*Aneurhynchus mellipes* Ashmead, 1888b, p. 52.

Holotype female, USNM no. 11782; Ottawa, Canada, Harrington no. 90; well preserved except that left antenna is missing. Unique.

*Aneurhynchus nigriclavatus* (Ashmead)

*Glyptonota nigriclavata* Ashmead, 1893, p. 401.

Holotype female, USNM no. 11781; District of Columbia; abdomen off but mounted separately on the same card point. Unique.

*Aneurhynchus virginicus* Ashmead

*Aneurhynchus virginicus* Ashmead, 1893, pp. 404, 405.

Holotype male, USNM no. 11784; Harpers Ferry, W. Va., May 19; right antenna missing after 9th segment, left after 4th. Unique.

*Auxopaedeutes marylandicus* (Fouts)

*Trichopria marylandica* Fouts, 1920, p. 62.

Holotype female USNM no. 22795; Hagerstown, Md., July 31, 1913, H. L. Parker; well preserved. Allotype (male), paratype (female).

*Basalys ashmeadi* (Kieffer)

*Loxotropa ruficornis* Ashmead, 1893, pp. 413, 414. Preoccupied.

*Loxotropa ashmeadi* Kieffer, 1911, p. 923.

Lectotype male, USNM no. 11798; Arlington, Va.; well preserved. One female paralectotype.

*Basalys barda*, new name

*Loxotropa californica* Ashmead, 1893, pp. 413, 415. Preoccupied.

Lectotype female, USNM no. 11799; Santa Cruz Mts., Calif.; well preserved except that left antenna is missing after 8th segment. Two female paralectotypes.

*Basalys clavata* (Ashmead), new combination

*Tropidopsis clavata* Ashmead, 1893, p. 402.

This was described from a male and a female from St. Vincent, British West Indies; according to Ashmead, the types were deposited in the National Museum. From the description it is evident that the female should be considered the type, but it has not been found. The male specimen, which is well preserved, is a species of *Trichopria* and obviously not the same species as the female; it is, therefore, not designated the lectotype.

*Basalys columbiana* (Ashmead)

*Loxotropa columbiana* Ashmead, 1893, p. 413.

Holotype female USNM no. 11797; District of Columbia; Nov. 14, 1888; left antenna missing after scape, left wings missing, right wings matted with adhesive. Unique.

*Basalys flavipes* (Ashmead)

*Loxotropa flavipes* Ashmead, 1893, pp. 413, 415.

Lectotype female, USNM no. 11800; District of Columbia, May 17; well preserved. Two paralectotypes (male and female).



*Basalys fuscipennis* Ashmead

*Basalys fuscipennis* Ashmead, 1893, pp. 443, 444.

Holotype male, USNM no. 11786; District of Columbia, June 24; well preserved except that both antennae have only 6 segments remaining. Unique.

*Basalys ganahlia* Dalla Torre

*Basalys picipes* Ashmead, 1893, pp. 443, 444. Preoccupied.

*Basalys ganahlia* Dalla Torre, 1898, p. 432.

Holotype male, USNM no. 11787; District of Columbia; left antenna missing after scape, legs incomplete. Unique.

*Basalys longiceps* (Ashmead)

*Ceratopria longiceps* Ashmead, 1893, p. 429.

Lectotype female, USNM no. 24470; Virginia, Aug. 31, 1879; right forewing missing, right antenna on a slide. The male described by Ashmead is not conspecific with the lectotype.

*Basalys nana* (Ashmead)

*Loxotropa nana* Ashmead, 1893, pp. 413, 415.

Lectotype female, USNM no. 11801; Jacksonville, Fla.; well preserved. One female paralectotype.

*Basalys pusilla* (Ashmead)

*Ceratopria pusilla* Ashmead, 1893, pp. 429, 430.

Holotype female, USNM no. 2324; Arlington, Va.; right forewing and club of left antenna missing. Unique.

*Basalys utahensis* Ashmead

*Basalys utahensis* Ashmead, 1893, pp. 443, 444.

Holotype male, USNM no. 11788; City Canyon, Utah, July 2; well preserved. Unique.

*Diapria simulans* (Ashmead)

*Tropidopria simulans* Ashmead, 1893, pp. 417, 419.

Lectotype female, USNM no. 11863, Ottawa, Canada, Harrington no. 237; left antenna missing. One female paralectotype.

*Entomacis californica* (Ashmead)

*Hemilexis californica* Ashmead, 1893, pp. 389, 390.

Lectotype male, USNM no. 11770; Santa Cruz Mts., Calif.; well preserved. One male paralectotype.

*Entomacis floridana* (Ashmead)

*Hemilexodes floridana* Ashmead, 1893, p. 400.

Lectotype female, USNM no. 11780; Jacksonville, Fla.; both antennae missing after 3d segment, wings damaged, specimen rather badly embedded in the mountant. The male mentioned in the original description is a braconid of the subfamily Aphidiinae but is in too poor condition for further identification.

*Entomacis longii* (Ashmead)

*Adeliopria longii* Ashmead, 1902a, p. 15.

Lectotype female, USNM no. 5715; Austin, Tex., Jan. 16, 1901, W. H. Long, Jr., ex *Forcipomyia wheeleri* (Long) in abandoned ant nest under stone; well preserved. Five paralectotypes (males and females).

*Entomacis mellipetiolata* (Ashmead)

*Hemilexis mellipetiola* Ashmead, 1887c, p. 196.

*Hemilexis mellipetiolata* Ashmead, 1893, pp. 389, 390. Emendation.

Holotype female USNM no. 11769; Jacksonville, Fla.; right antenna missing, left with 10 segments remaining, specimen largely embedded in the mountant. Unique.

*Entomacis submarginata* (Ashmead)

*Hemilexis submarginata* Ashmead, 1893, p. 389.

Lectotype female, USNM no. 11768; District of Columbia; well preserved. The male mentioned in the original description is a species of *Idiotype*.

*Hemigalesus tricornutus* (Crawford), new combination

*Loxotropa tricornuta* Crawford, 1910c, p. 122.

Holotype female, USNM no. 12888; Manila, Philippines, 1901, R. Brown; well preserved. Allotype (male) and 4 male paratypes.

*Lepidopria aberrans* Brues

*Lepidoria* [sic] *aberrans* Brues, 1916, p. 126.

Holotype female, USNM no. 20474; Hagerstown, Md., Aug. 15, 1913, ex puparium of ?*Cryptomygenia theutis* (Walker) in an adult of *Phyllophaga inversa* (Horn); mounted on a slide, thorax slightly damaged. Unique. The generic classification of the species is doubtful.

*Monelata hirticollis* Ashmead

*Monelata hirticollis* Ashmead, 1888b, p. 54.

Holotype female, USNM no. 11792; Ottawa, Canada, Harrington no. 78; well preserved. Unique.

*Monelata mellicollis* Ashmead

*Monelata mellicollis* Ashmead, 1887c, p. 197.

Holotype female, USNM no. 11791; Jacksonville, Fla.; well preserved. Unique.

*Myrmecopria mellea* (Ashmead)

*Loxotropa mellea* Ashmead, 1887c, p. 196.

Holotype male, USNM no. 11785; Jacksonville, Fla.; well preserved. Unique.

*Notoxoides cornutus* (Mann), new combination

*Notoxopria cornuta* Mann, 1923, p. 181.

Holotype female, USNM no. 26483; Cavinás, Bolivia, in nest of *Neivamyrmex cristatus* Borgmeier; well preserved. Four female paratypes. The "allotype" is not a male, but rather a female of an undescribed species.

*Paramesius clavipes* Ashmead

*Paramesius clavipes* Ashmead, 1888b, p. 53.

Holotype female, USNM no. 11773; Ottawa, Canada, W. H. Harrington; well preserved except that left antenna is missing. Unique.

*Paramesius japonicus* (Ashmead), new combination

*Spilomicrus japonicus* Ashmead, 1904d, p. 69.

Holotype male, USNM no. 7116; Sapporo, Japan; well preserved except that left antenna is missing after 4th segment. Unique.

*Paramesius oregonensis* Ashmead

*Paramesius oregonensis* Ashmead, 1893, pp. 392, 395.

Holotype male, USNM no. 11776; Portland, Oreg., H. F. Wickham; left antenna missing after 3d segment, abdomen attached to the card point separately. Unique.

*Paramesius parvulus* Ashmead

*Paramesius parvulus* Ashmead, 1893, pp. 392, 393.

Holotype female, USNM no. 11772, District of Columbia, Nov. 18, 1888; well preserved. Unique.

*Paramesius primus* (Crawford), new combination

*Lipoglyptus primus* Crawford, 1910c, p. 123.

Holotype female, USNM no. 12889; Manila, Philippines, R. Brown; well preserved, only left forewing slightly torn at apex and apical segment of left antenna missing. Allotype (male) and 2 paratypes (male and female).

*Paramesius spinosus* Ashmead

*Paramesius spinosus* Ashmead, 1893, pp. 392, 394.

Lectotype female, USNM no. 11775; District of Columbia, May 13; well preserved. One female paralectotype. Ashmead stated that he was describing the species from 2 specimens, a male and a female, from the District of Columbia. The 2 specimens from that locality marked "Type" are females. There is a male in the collection, which appears to be the specimen on which the male description is based; it is from Arlington, Va., however, which is not mentioned as a locality of type material.

*Paramesius utahensis* Ashmead

*Paramesius utahensis* Ashmead, 1893, pp. 392, 394.

Lectotype female, USNM no. 11774; Utah Lake, Utah, June 14, well preserved. One female paralectotype.

*Pentapria columbiana* (Fouts)

*Xenopria columbiana* Fouts, 1939, p. 261.

Holotype female, USNM no. 53262; McLeod Meadow, Kootenay National Park, British Columbia, Dec. 28, 1937, G. R. Hopping; left antenna and left foreleg on a slide, left forewing missing, also left hindleg after the coxa. Allotype (male) and 3 paratypes (2 males and 1 female).

*Pentapria nigripes* (Fouts)

*Xenopria nigripes* Fouts, 1939, p. 262.

Holotype female, USNM no. 53263; Saratoga, Wyo., Sept. 15, 1937, from *Pinus flexilis*, Hopkins US no. 31507-t18; left antenna on a slide, last segment of right antenna missing. Two female paratypes.

*Psilus atricornis* (Ashmead)

*Galesus atricornis* Ashmead, 1893, pp. 408, 409.

Holotype female, USNM no. 11793; Ottawa, Canada, Harrington no. 237; well preserved. Unique.

*Psilus luzonicus* (Ashmead)

*Galesus luzonicus* Ashmead, 1905d, p. 398.

Holotype male, USNM no. 9034; Manila, Philippines, R. Brown; well preserved. Unique. There are 14 specimens of this species in the National Museum with the same data as the type, but there is nothing to show that they were before Ashmead when he described the species. Only the holotype bears a type label.

*Psilus manilae* (Ashmead)

*Galesus manilae* Ashmead, 1905d, p. 397.

Lectotype female, USNM no. 8950; Manila, Philippines, R. Brown; well preserved. One male paralectotype; also 12 specimens with the same data as type, but there is no indication that they were before Ashmead when he described the species.

*Psilus pilosus* (Ashmead)

*Galesus pilosus* Ashmead, 1893, pp. 409, 411.

Holotype male, USNM no. 11796; Texas; well preserved. Unique.

*Psilus punctiger* (Fouts)

*Galesus punctiger* Fouts, 1926, p. 170.

Holotype female, USNM no. 18775; Uvalde, Texas, August 1925, A. P. Dodd, ex “?*Drosophila* sp.”; apical 3 segments of right antenna missing, left wings matted down on body. Allotype (male) and 2 male paratypes.

*Psilus texanus* (Ashmead)

*Galesus texanus* Ashmead, 1893, pp. 409, 411.

Holotype male, USNM no. 11795; Texas; left antenna with only 5 segments remaining, right with 7, thorax damaged by pin. Unique.

*Psilus viereckii* (Brues)

*Galesus viereckii* Brues, 1905, p. 187.

Holotype male, USNM no. 66274; Colebrook, Conn., July 21, 1905; well preserved. Unique.

*Spilomicrus armatus* Ashmead

*Spilomicrus armatus* Ashmead, 1893, p. 397.

Holotype female USNM no. 11777; District of Columbia, April 28; well preserved. Unique.

*Spilomicrus atriclavus* Ashmead

*Spilomicrus atriclavus* Ashmead, 1893, pp. 397, 398.

Holotype female, USNM no. 11778; Ottawa, Canada, Harrington no. 230; well preserved. Unique.

*Spilomicrus atropetiolatus* (Ashmead)

*Ismarus atropetiolatus* Ashmead, 1890, p. 11.

Holotype female, USNM no. 11779; West Cliff, Colo.; left antenna missing, also right antenna after 2d segment. Unique.

*Spilomicrus brevicornis* (Ashmead)

*Basalys brevicornis* Ashmead, 1893, pp. 443, 446.

Holotype female, USNM no. 11789; Colorado; well preserved. Unique.

*Spilomicrus californicus* (Ashmead)

*Basalys californica* Ashmead, 1893, pp. 443, 446.

Lectotype female, USNM no. 11790; Santa Cruz Mts., Calif.; well preserved except that left antenna is missing after 8th segment. The male mentioned by Ashmead is a species of *Trichopria*.

*Spilomicrus flavicornis* Ashmead

*Spilomicrus flavicornis* Ashmead, 1893, pp. 397, 398.

Lectotype male, USNM no. 2319; Arlington Va., July 13, 1884; well preserved. One male paralectotype.

*Spilomicrus kiefferi* (Crawford), new combination

*Cologlyptus kiefferi* Crawford, 1910c, p. 124.

Holotype female, USNM no. 12890; Manila, Philippines, R. Brown; well preserved. Two female paratypes.

*Spilomicrus virginicus* Fouts

*Spilomicrus virginicus* Fouts, 1926, p. 168.

Holotype female, USNM no. 28772; Falls Church, Va., C. T. Greene, ex *Xylota bicolor* Loew on *Liriodendron tulipifera*; well preserved. One female paratype.

*Trichopria abdominalis* Fouts

*Trichopria abdominalis* Fouts, 1926, p. 174.

Holotype female, USNM no. 28777; Riverton, N. J., Aug. 1, 1922, T. H. Frison; well preserved. One female paratype.

*Trichopria affinis* (Ashmead)

*Phaenopria affinis* Ashmead, 1893, pp. 437, 440.

Holotype female, USNM no. 24482; District of Columbia, May 19; well preserved. Unique.

*Trichopria agromyzae* (Fitch)

*Diapria agromyzae* Fitch, 1856, p. 535.

Lectotype female, USNM no. 1841; specimen is without locality or other data but bears no. 14235; well preserved. Mounted on same tag with a male paralectotype. Two additional paralectotypes (male and female).

*Trichopria angustipennis* Muesebeck

*Trichopria angustipennis* Muesebeck 1939 a, p. 60.

Holotype female, USNM no. 53080; Ithaca, N.Y., reared August 1936, by M. B. Scotland from *Lemnaphila scotlandae* Cresson; well preserved. Allotype (male) and 35 paratypes (males and females).

*Trichopria aptera* (Ashmead)

*Phaenopria aptera* Ashmead, 1893, pp. 437, 439.

Lectotype female, USNM no. 2329; Ottawa, Canada, W. H. Harrington; well preserved. One female paralectotype.

*Trichopria armata* (Ashmead)

*Loxotropa armata* Ashmead, 1888b, p. 53.

Holotype female, USNM no. 11913; Ottawa, Canada, Harrington no. 96; well preserved. Unique.

*Trichopria bifoveolata* (Ashmead)

*Ceratopria bifoveolata* Ashmead, 1893, pp. 429, 430.

Holotype female, USNM no. 24472; Harpers Ferry, W. Va., May 19; well preserved except that left antenna has only scape remaining. Unique.

*Trichopria californica* (Ashmead)

*Diapria californica* Ashmead, 1893, pp. 421, 422.

Lectotype female, USNM no. 2320; Santa Cruz Mts., Calif.; well preserved except left antenna has only 3 segments remaining. One female paralectotype. The male described by Ashmead is missing.

*Trichopria columbiana* (Ashmead)

*Diapria columbiana* Ashmead, 1893, pp. 422, 424.

Lectotype female, USNM no. 2321; District of Columbia, Oct. 5, 1879; well preserved. Four female paralectotypes, including 1 on the same card point with the lectotype, which is circled with red ink.

*Trichopria commoda* Muesebeck

*Trichopria commoda* Muesebeck, 1961, p. 1.

Holotype female, USNM no. 65398; Kyoto, Japan, 1960, from puparium of the house fly; well preserved. Fifteen paratypes (males and females).

*Trichopria cubensis* Fouts

*Trichopria cubensis* Fouts, 1926, p. 171.

Holotype male, USNM no. 28776; Colon, Cuba, 1920, T. E. Holloway; well preserved. Allotype (female) and 2 male paratypes.

*Trichopria erythropus* (Ashmead)

*Diapria erythropus* Ashmead, 1893, pp. 421, 423.

Lectotype female, USNM no. 11910; District of Columbia, April 30; well preserved. One female paralectotype; the male described by Ashmead is missing.

*Trichopria erythrothorax* (Ashmead)

*Diapria erythrothorax* Ashmead, 1887c, p. 196.

Holotype male, USNM no. 11912; Jacksonville, Fla.; well preserved. Unique.

*Trichopria flavipes* Ashmead

*Trichopria flavipes* Ashmead, 1893, pp. 433, 436.

Lectotype female, USNM no. 24480; Arlington, Va.; well preserved. One female paralectotype.

*Trichopria floridana* (Ashmead)

*Cephalonomia floridana* Ashmead, 1887c, p. 196.

Lectotype female, USNM no. 24474; Jacksonville, Fla.; well preserved. One female paralectotype.



*Trichopria floridensis* (Ashmead)

*Galesus floridensis* Ashmead, 1887c, p. 195.

Holotype male, USNM no. 11794; Jacksonville, Fla.; antennae, except for right scape, missing. Unique.

*Trichopria haematobiae* (Ashmead)

*Phaenopria haematobiae* Ashmead, 1893, pp. 437, 438.

Lectotype female, USNM no. 2326; Arlington, Va., Sept. 12, 1889, ex *Haematobia serrata* Robineau-Desvoidy; well preserved. One female paralectotype.

*Trichopria harringtoni* (Ashmead)

*Loxotropa Harringtoni* Ashmead, 1888b, p. 53.

Holotype female, USNM no. 24477; Ottawa, Canada, Harrington no. 100; well preserved except that left antenna is missing after 8th segment. Unique.

*Trichopria hirticollis* (Ashmead)

*Cephalonomia hirticollis* Ashmead, 1887c, p. 195.

Lectotype female (not a male as stated in original description), USNM no. 24479; Jacksonville, Fla.; well preserved. One female paralectotype.

*Trichopria infuscatipes* (Ashmead)

*Ceratopria infuscatipes* Ashmead, 1893, pp. 429, 431.

Holotype female, USNM no. 24473; Ottawa, Canada; Harrington no. 235; well preserved. Unique.

*Trichopria megaplasta* (Ashmead)

*Ceratopria megaplasta* Ashmead, 1893, pp. 429, 430.

Holotype female, USNM no. 24471; Ottawa, Canada, Harrington no. 232; well preserved. Unique.

*Trichopria minutissima* (Ashmead)

*Phaenopria minutissima* Ashmead, 1893, pp. 437, 438.

Holotype female, USNM no. 24481; Jacksonville, Fla., head missing. Unique.

*Trichopria mitsukurii* (Ashmead)

*Diapria mitsukurii* Ashmead, 1904d, p. 69.

Holotype female, USNM no. 7117; Gifu, Japan, Mitsukuri; well preserved.  
Three paratypes (males).

*Trichopria montana* (Ashmead)

*Phaenopria montana* Ashmead, 1893, pp. 438, 440.

Holotype male, USNM no. 24484; Santa Cruz Mts., Calif.; left antenna missing, right antenna with 8 segments remaining. Unique.

*Trichopria muscae* (Ashmead)

*Diapria muscae* Ashmead, 1893, pp. 422, 426.

Lectotype female, USNM no. 2323; Sacramento County, Calif., from dipterous puparium; well preserved. Six paralectotypes (males and females).

*Trichopria pacifica* Ashmead

*Trichopria pacifica* Ashmead, 1893, pp. 433, 436.

Holotype female, USNM no. 2325; Santa Cruz Mts., Calif.; abdomen off, but present and attached separately to the same card point. Unique.

*Trichopria paludis* Muesebeck

*Trichopria paludis* Muesebeck, 1939a, p. 62.

Holotype female, USNM no. 53081; Ithaca, N.Y., August 1936, ex pupa of *Lemnaphila scotlandae* Cresson; well preserved. Two female paratypes.

*Trichopria parkeri* Fouts

*Trichopria parkeri* Fouts, 1920, p. 61.

Holotype female, USNM no. 22794; Williamsport, Md., Oct. 7, 1916, H. L. Parker; well preserved. Allotype (male) and 7 female paratypes.

*Trichopria parva* (Ashmead)

*Phaenopria parva* Ashmead, 1893, pp. 438, 440.

Holotype male, USNM no. 24483; District of Columbia, June 30, well preserved. Unique.

*Trichopria pentaplasta* Ashmead

*Trichopria pentaplasta* Ashmead, 1893, pp. 432, 433.

Lectotype female, USNM no. 24475; District of Columbia, March 24; head missing. One male paralectotype.

*Trichopria pezomachoides* (Ashmead)

*Loxotropa pezomachoides* Ashmead, 1888b, p. 53.

Lectotype female, USNM no. 11802; Ottawa, Canada, Harrington no. 97; well preserved. Two female paralectotypes.

*Trichopria philippinensis* (Ashmead)

*Diapria philippinensis* Ashmead, 1905a, p. 3.

Lectotype male, USNM no. 8127; Manila, Philippines, R. Brown; well preserved except that left antenna is missing after 8th segment. One male paralectotype.

*Trichopria popei* (Muesebeck)

*Phaenopria popei* Muesebeck, 1950, p. 234.

Holotype female, USNM no. 59340; Sodon Lake, Oakland County, Mich., July 1, 1949, ex *Sepedon fuscipennis* Loew, C. O. Berg; well preserved. Many paratypes (males and females).

*Trichopria popenoei* Ashmead

*Trichopria Popenoei* Ashmead, 1893, pp. 433, 435.

Lectotype female, USNM no. 24478; Riley County, Kans., April 20; well preserved, but gaster attached to card point separately. The male described by Ashmead is not conspecific with the lectotype.

*Trichopria popenoei* var. *illinoisensis* Girault

*Trichopria popenoei* var. *illinoisensis* Girault, 1920, p. 178.

Lectotype female, USNM no. 20842; Urbana, Ill., Illinois State Lab. Nat. Hist. no. 39876; well preserved but abdomen attached separately to the card point. One female paralectotype.

*Trichopria rufipes* Ashmead

*Trichopria rufipes* Ashmead, 1893, pp. 433, 434.

Lectotype female, USNM no. 24476; District of Columbia; left antenna after 3d segment and left hindleg missing. Two paralectotypes (male and female).

*Trichopria schwarzii* (Ashmead)

*Phaenopria Schwarzii* Ashmead, 1893, pp. 437, 439.

Lectotype female, USNM no. 2328; District of Columbia; well preserved. Six female paralectotypes.

*Trichopria tetraplasta* (Ashmead)

*Tropidopria tetraplasta* Ashmead, 1893, pp. 417, 420.

Holotype female, USNM no. 11914; District of Columbia, May 13; well preserved. Unique.

*Trichopria texana* (Ashmead)

*Diapria texana* Ashmead, 1893, pp. 321, 424.

Holotype female, USNM no. 11911; Texas; well preserved. Unique.

*Trichopria utahensis* (Ashmead)

*Diapria utahensis* Ashmead, 1893, pp. 421, 423.

Lectotype female, USNM no. 11909; Salt Lake, Utah, June 14, E. A. Schwarz; well preserved. One female paralectotype.

*Trichopria virginica* (Ashmead)

*Diapria virginica* Ashmead, 1893, pp. 422, 426.

Lectotype female, USNM no. 2322; Arlington, Va., Oct. 10, 1880; well preserved. One other specimen (female) in the type material, but it is not the same species as the lectotype.

*Trichopria virginiensis* Masner

*Phaenopria virginica* Ashmead, 1893, pp. 437, 438. Preoccupied.

*Trichopria virginiensis* Masner in Krombein and Burks, 1967, p. 290.

Lectotype female, USNM no. 2327; District of Columbia; well preserved. Two paralectotypes (male and female).

## Subfamily Ambositrinae

*Propsilomma columbianum* (Ashmead)

*Psilomma columbianum* Ashmead, 1893, p. 379.

Lectotype female, USNM no. 2317; District of Columbia, June 3; well preserved. Two male paralectotypes.

## Subfamily Belytinae

*Aclista aquilonia* Muesebeck

*Zelotypa borealis* Ashmead, 1902b, p. 138. Preoccupied

*Aclista ashmeadi* Muesebeck and Walkley, 1951, p. 686. Preoccupied.

*Aclista aquilonia* Muesebeck, 1958, p. 91.

Holotype female, USNM no. 5519; Muir Inlet, Alaska, June 12, 1899, T. Kincaid; left antenna with 12 segments remaining, right with 8. Unique.

*Aclista flavipes* (Ashmead)

*Zelotypa flavipes* Ashmead, 1893, p. 365.

Holotype male, USNM no. 11742; Fort George, Fla.; well preserved except that last 4 segments of right antenna are missing. Unique.

*Aclista fungicola* (Crawford)

*Zelotypa fungicola* Crawford, 1915, p. 583.

Holotype female, USNM no. 18294; Clarendon, Va., Jan. 18, 1912, from the fungus *Boletus felleus*; B. A. Reynolds; well preserved except that last 4 segments of left antenna are missing. Allotype (male) and 4 paratypes (males and females).

*Aclista hakonensis* (Ashmead), new combination

*Miota hakonensis* Ashmead, 1904d, p. 68.

Holotype female, USNM no. 7115; Hakone, Japan, A. Koebele; well preserved. Unique.

*Aclista hirtifrons* (Ashmead)

*Anectata hirtifrons* Ashmead, 1887c, p. 198.

Holotype female, USNM no. 11765; Ottawa, Canada, Harrington no. 12; well preserved except that right antenna is missing after 2d segment. Unique.

*Aclista insularis* (Ashmead)

*Pantoclis insularis* Ashmead, 1893, pp. 367, 369.

Lectotype female, USNM no. 2315; Fort George, Fla.; well preserved. Three female paralectotypes, the male described by Ashmead is a species of *Belyta*.

*Aclista macrodyctium* (Ashmead)

*Cinetus macrodyctium* Ashmead, 1893, p. 360.

Lectotype female, USNM no. 11729; West Cliff, Colo.; well preserved except that left antenna is missing after 4th segment. Two additional specimens (male and female) of Ashmead's type material are not conspecific with the lectotype.

*Aclista mandibularis* (Ashmead)

*Xenotoma mandibularis* Ashmead, 1893, p. 363.

Lectotype female, USNM no. 11733; Texas; right antenna missing after 7th segment, left forewing missing and thorax somewhat damaged by pin. The male described by Ashmead is not the same species as the lectotype.

*Aclista megaplasta* (Ashmead)

*Pantoclis megaplasta* Ashmead, 1893, pp. 367, 368.

Holotype female, USNM no. 11745; Riley County, Kans., November 9; well preserved. Unique.

*Aclista mellicornis* Muesebeck and Walkley

*Cinetus ruficornis* Ashmead, 1893, pp. 359, 360. Preoccupied.

*Aclista mellicornis* Muesebeck and Walkley, 1951, p. 688.

Holotype female, USNM no. 11728; Arlington, Va.; well preserved except that right antenna is missing after 9th segment, left after 10th. Unique.

*Aclista pacifica* Muesebeck and Walkley

*Anectata californica* Ashmead, 1893, p. 381. Preoccupied.

*Aclista pacifica* Muesebeck and Walkley, 1951, p. 688.

Lectotype female, USNM no. 11763; Santa Cruz Mts., Calif.; well preserved. One female paralectotype.

*Aclista polita* (Ashmead)

*Anectata polita* Ashmead, 1893, pp. 381, 382.

Holotype male, USNM no. 11764; West Cliff, Colo.; left wings missing, also left antenna after 4th segment. Unique.

*Aclista rufopleuralis* (Ashmead)

*Miota rufopleuralis* Ashmead, 1897, p. 54.

Holotype female, USNM no. 11736; Hull, Province of Quebec, Canada, Aug. 14, 1894, Harrington no. 3; well preserved. Unique.

*Aclista scutellata* (Ashmead)

*Zelotypa scutellata* Ashmead, 1902b, p. 137.

Lectotype female, USNM no. 5518; St. Paul Island, Alaska, T. Kincaid; right antenna missing after 5th segment, left forewing missing. One female paralectotype. The original type series comprised 9 specimens, but only 2 have been found in the National Museum.

*Aclista similis* (Ashmead)

*Cinetus similis* Ashmead, 1893, pp. 359, 361.

Holotype female, USNM no. 11730; Arlington, Va.; well preserved except that right antenna is missing after 8th segment. Unique.

*Aclista xanthopus* (Ashmead)

*Xenotoma xanthopus* Ashmead, 1893, p. 363.

Lectotype female, USNM no. 11732; New Jersey; well preserved except that thorax is slightly damaged by the pin. The male described by Ashmead is missing.

*Acropiesta flavicauda* Ashmead

*Acropiesta flavicauda* Ashmead, 1893, p. 354.

Holotype female, USNM no. 11723; Ottawa, Canada, Harrington no. 226; well preserved except that wings are slightly damaged. Unique.

*Acropiesta subaptera* Ashmead

*Acropiesta subaptera* Ashmead, 1893, p. 354.

Holotype female, USNM no. 11724; Marquette, Mich., July 31; well preserved except that last 4 segments of right antenna are missing and last 3 of left. Unique.

*Belyta californiae* (Kieffer)

*Zygotia californica* Ashmead, 1893, p. 373. Preoccupied.

*Aclista californiae* Kieffer, 1910b, p. 24.

Holotype male, USNM no. 2316; Placer County, Calif., A. Koebele; well preserved except that right antenna is missing after 8th segment. Unique.

*Belyta crassicornis* (Ashmead)

*Pantoclis crassicornis* Ashmead, 1893, pp. 367, 369.

Lectotype female, USNM no. 11746; Arlington, Va.; left antenna missing after 5th segment, right after 6th. The male mentioned by Ashmead is a species of *Cinetus*.

*Belyta frontalis* Ashmead

*Belyta frontalis* Ashmead, 1893, p. 356.

Holotype female, USNM no. 11726; Delaware; middle and hindlegs missing. Unique.

*Belyta mindanaensis* Fouts

*Belyta mindanaensis* Fouts, 1929, p. 9.

Holotype male, USNM no. 29204; Dapitan, Mindanao, Philippines, C. F. Baker; well preserved except that apical segment of right antenna is missing. Unique.

*Belyta missouriensis* (Ashmead)

*Aclista missouriensis* Ashmead, 1893, pp. 375, 377.

Holotype male, USNM no. 11758; St. Louis, Mo., May 12, 1878; left forewing and left antenna missing, also right antenna after 6th segment. Unique.

*Belyta peninsularis* (Muesebeck and Walkley)

*Aclista floridana* Ashmead, 1893, pp. 376, 378. Preoccupied.

*Cinetus peninsularis* Muesebeck and Walkley, 1951, p. 682.

Holotype male, USNM no. 11762; Jacksonville, Fla.; antennae and right wings missing. Unique.

*Belyta picipes* (Ashmead)

*Pantoclis picipes* Ashmead, 1893, pp. 367, 368.

Holotype male, USNM no. 11744; District of Columbia, May 19; well preserved except that left antenna is missing after 10th segment, right after 11th. Unique.

*Belyta rugosopetiolata* (Ashmead)

*Aclista rugosopetiolata* Ashmead, 1893, pp. 375, 377.

Holotype female, USNM no. 11760; Arlington, Va.; right forewing missing, also left antenna, and right antenna after 8th segment. Unique.



*Belyta texana* Ashmead

*Belyta texana* Ashmead, 1893, pp. 356, 357.

Holotype female, USNM no. 11727; Texas; last 4 segments of left antenna missing, right legs complete but left legs largely missing, thorax slightly damaged by pin. Unique.

*Cinetus californicus* Ashmead

*Cinetus californicus* Ashmead, 1893, pp. 360, 361.

Holotype female, USNM no. 11731; Santa Cruz Mts., Calif.; wings virtually missing except right hindwing, right antenna missing after 5th segment, left after 12th. Unique; described as a male but is a female.

*Cinetus canadensis* (Ashmead)

*Miota canadensis* Ashmead, 1897, p. 54.

Holotype female, USNM no. 11737; King's Mountain, Chelsea, Province of Quebec, Canada, W. H. Harrington; largely destroyed, only abdomen and a few legs left. Unique.

*Cinetus coloradensis* (Ashmead)

*Psilomma coloradense* Ashmead, 1890, p. 11.

Holotype female, USNM no. 11721; West Cliff, Colo., June 10, T. D. A. Cockerell; left antenna missing after 11th segment, right after 4th. Unique.

*Cinetus conicus* (Ashmead)

*Leptorhaptus conicus* Ashmead, 1893, p. 350.

Lectotype female, USNM no. 2312; Arlington, Va.; well preserved except that right antenna has only scape remaining. Three female paralectotypes; the male described by Ashmead is a species of *Miota*.

*Cinetus procerus*, new name

*Zelotypa ruficornis* Ashmead, 1893, pp. 365, 366. Preoccupied.

Holotype male, USNM no. 11743; Arlington, Va.; left antenna missing after 4th segment, right after 9th. Unique.

*Cinetus subpolitus* Masner

*Stylidolon politum* Ashmead, 1897, p. 54. Preoccupied.

*Cinetus subpolitus* Masner, 1964, p. 128.

Holotype female, USNM no. 11735; Ottawa, Canada, May 13, W. H. Harrington; well preserved except that right antenna is missing after 6th segment. Unique.

*Cinetus texanus* (Ashmead)

*Zelotypa texana* Ashmead, 1893, pp. 364, 365.

Holotype male, USNM no. 11741; Texas; left antenna with 5 segments remaining, right with only the scape, left forewing missing, thorax damaged by pin. Unique.

*Macrohynnīs fragilis* (Nixon)

*Cinelaptus fragilis* Nixon, 1957, p. 91.

Holotype female, USNM no. 69312; Trawallua, County Sligo, Ireland, Aug. 10, 1933, A. W. Stelfox; well preserved. One female paratype.

*Miota alaskensis* (Ashmead)

*Zelotypa alaskensis* Ashmead, 1902b, p. 139.

Holotype male, USNM no. 5520; Virgin Bay, Alaska, June 26, 1899, T. Kincaid; right antenna with 11 segments remaining, thorax somewhat damaged by pin, abdomen off but attached separately to the card point. Unique.

*Miota americana* (Ashmead)

*Psilomma americana* Ashmead, 1887c, p. 197.

Holotype male, USNM no. 11722; Jacksonville, Fla.; well preserved except that right antenna is missing after 7th segment, left after 9th. Unique.

*Miota conformis* Fouts

*Miota conformis* Fouts, 1966, p. 19.

Holotype female, USNM no. 67628; Westwood, Calif., Oct. 24, 1935, R. M. Fouts; well preserved. Ten female paratypes.

*Miota glabra* Ashmead

*Miota glabra* Ashmead, 1890, p. 12.

Holotype female, USNM no. 11720; West Cliff, Colo., T. D. A. Cockerell; left antenna missing after 6th segment; gaster missing. Unique.

*Miota rufa* (Ashmead)

*Leptorhaptus rufus* Ashmead, 1893, p. 350.

Lectotype female, USNM no. 11719; Arlington, Va.; well preserved. The male described by Ashmead is doubtfully the same species as the lectotype.

*Oxylabis fuscicornis* (Ashmead)

*Zelotypa fuscicornis* Ashmead, 1897, p. 55.

Holotype male, USNM no. 11738; Hull, Province of Quebec, Canada, July 23, Harrington no. 14; well preserved except that right antenna is missing. Unique.

*Pamis ione* Nixon

*Pamis ione* Nixon, 1957, p. 30.

Holotype female, USNM no. 69311; Dublin, Ireland, May 24, 1939, A. W. Stelfox; well preserved.

*Pantoclis analis* Ashmead

*Pantoclis analis* Ashmead, 1893, pp. 367, 370.

Holotype female, USNM no. 11747; District of Columbia, June 23, E. A. Schwarz; well preserved. Unique.

*Pantoclis californica* Ashmead

*Pantoclis californica* Ashmead, 1893, pp. 367, 371.

Lectotype female, USNM no. 11751; Santa Cruz Mts., Calif.; well preserved. The male described by Ashmead is not conspecific with the lectotype.

*Pantoclis canadensis* Ashmead

*Pantoclis canadensis* Ashmead, 1897, p. 55.

Holotype female, USNM no. 11739; Ottawa, Canada, Aug. 13, 1894, Harrington no. 4; head off but attached separately on the card point. Unique.

*Pantoclis coloradensis* (Ashmead)

*Zelotypa coloradensis* Ashmead, 1890, p. 12.

Holotype male, USNM no. 11750; West Cliff, Colo., T. D.A. Cockerell; right antenna with 8 segments remaining, left with only the scape. Unique.

*Pantoclis flavipes* Ashmead

*Pantoclis flavipes* Ashmead, 1893, pp. 367, 370.

Holotype female, USNM no. 11749; Arlington, Va.; left antenna with 12 segments remaining, right with 9. Unique.

*Pantoclis floridana* Ashmead

*Pantoclis floridana* Ashmead, 1893, pp. 367, 372.

Holotype female, USNM no. 11753; Jacksonville, Fla.; left antenna with 10 segments remaining, right missing; abdomen missing. Unique.

*Pantoclis georgica* (Ashmead)

*Anectata georgica* Ashmead, 1893, pp. 381, 382.

Holotype male, USNM no. 11766; Georgia; well preserved except that last 2 segments of left antenna and apical segment of right antenna are missing. Unique.

*Pantoclis monilicornis* (Ashmead)

*Belyta monilicornis* Ashmead, 1890, p. 12.

Holotype female, USNM no. 11725; West Cliff, Colo.; well preserved. Unique.

*Pantoclis montana* Ashmead

*Pantoclis montana* Ashmead, 1893, pp. 367, 368.

Lectotype female, USNM no. 2314; Santa Cruz Mts., Calif.; well preserved. Six female paralectotypes; the male described by Ashmead is a species of *Aclista*.

*Pantoclis rufescens* Ashmead

*Pantoclis rufescens* Ashmead, 1893, pp. 367, 372.

Holotype female, USNM no. 11752; Texas; well preserved except that left antenna is missing after 7th segment. Unique.

*Pantoclis ruficauda* Ashmead

*Pantoclis ruficauda* Ashmead, 1893, pp. 367, 370.

Holotype female, USNM no. 11748; Arlington, Va.; well preserved. Unique.

*Pantoclis similis* Ashmead

*Pantoclis similis* Ashmead, 1897, p. 55.

Holotype male, USNM no. 11740; Hull, Province of Quebec, Canada, Aug. 5, 1894, Harrington no. 10; well preserved. Unique.

*Polypeza alaskensis* (Ashmead)

*Spilomicrus alaskensis* Ashmead, 1902b, p. 140.

Holotype female, USNM no. 5521; Muir Inlet, Alaska, June 12, 1899, T. Kincaid; head missing. Unique.

*Polypeza brunnea* (Ashmead)

*Pantolyta brunnea* Ashmead, 1893, p. 383.

Holotype female, USNM no. 67544; Easton, Wash.; left antenna with last 3 segments missing and right with last 2 missing, abdomen also missing. Unique. Ashmead indicated that his description was based on a single female from Arlington, Va., but the female which seems clearly to be the specimen which he described, and which bears his type label, is from Easton, Wash. There is a male, not in good condition, labeled *Pantolyta brunnea* in Ashmead's hand, from Arlington, Va., which is doubtfully conspecific with the holotype.

*Polypeza pergandei* Ashmead

*Polypeza Pergandei* Ashmead, 1893, p. 387.

Lectotype female, USNM no. 11767; Arlington, Va.; well preserved except that left antenna is missing after 2d segment, right after 13th. One male paralectotype.

*Rhynchopsilus conicus* (Ashmead)

*Aclista conica* Ashmead, 1893, pp. 375, 377.

Holotype female, USNM no. 11759; Arlington, Va.; well preserved. Unique.

*Scorpioteleia mirabilis* Ashmead

*Scorpioteleia mirabilis* Ashmead, 1897, p. 53.

Holotype female, USNM no. 11734; Kettle Island, in Ottawa River, Ottawa, Canada, Aug. 18, 1894, W. H. Harrington; well preserved except that left antenna is missing after 5th segment. Unique.

*Synacra gracilis* (Fouts)

*Prosynacra gracilis* Fouts, 1927, p. 171.

Holotype female, USNM no. 40509; Petersham, Mass., June 10, 1926, H. J. MacAloney, Hopkins US no. 17605; well preserved. Unique.

*Zygota americana* Ashmead

*Zygota americana* Ashmead, 1888b, p. 54.

Lectotype female, USNM no. 5756; Ottawa, Canada, Harrington no. 229; well preserved. One male paralectotype.

*Zygota borealis* (Ashmead)

*Aclista borealis* Ashmead, 1893, pp. 376, 378.

Holotype female, USNM no. 11761; Ottawa, Canada, Harrington no. 228; well preserved. Unique.

*Zygota distans* Muesebeck and Walkley

*Aclista californica* Ashmead, 1893, pp. 375, 378. Preoccupied.

*Zygota distans* Muesebeck and Walkley, 1951, p. 683.

Holotype female, USNM no. 5755; Santa Cruz Mts., Calif.; well preserved. Unique.

*Zygota dupla* Muesebeck and Walkley

*Aclista rufopetiolata* Ashmead, 1893, pp. 375, 376. Preoccupied.

*Zygota dupla* Muesebeck and Walkley, 1951, p. 683.

Holotype female, USNM no. 11757; District of Columbia, June 10; well preserved. Unique.

*Zygota longicornis* (Ashmead)

*Zelotypa longicornis* Ashmead, 1893, p. 365.

Holotype male, USNM no. 2313; Arlington, Va.; well preserved except that left antenna is missing after 4th segment, right after 13th. Unique.

*Zygota monticola* Muesebeck and Walkley

*Aclista rufescens* Ashmead, 1893, pp. 375, 376. Preoccupied.

*Zygota monticola* Muesebeck and Walkley, 1951, p. 684.

Holotype female, USNM no. 11756; Santa Cruz Mts., Calif.; antennae missing, wings missing except for left hindwing, head off but attached separately on card point. Unique.

*Zygota rufa* (Ashmead)

*Aclista rufa* Ashmead, 1893, pp. 375, 376.

Holotype female, USNM no. 11755; Texas; well preserved. Unique.

*Zygota texana* Ashmead

*Zygota texana* Ashmead, 1893, pp. 373, 374.

Holotype female, USNM no. 11754; Texas; well preserved. Unique.

## Family Scelionidae

## Subfamily Scelioninae

(Including the genera formerly considered as constituting the subfamily Baeinae)

*Acanthoscelio americanus* Ashmead

*Acanthoscelio americanus* Ashmead, 1893, p. 236.

Holotype female (described as a male but is a female), USNM no. 23722; Chapada, Brazil, November; both antennae with only 5 segments remaining. Unique.

*Baeus americanus* Howard

*Baeus americanus* Howard, 1890b, p. 270.

Lectotype female USNM no. 2689; Brooklyn, N.Y., 1871, from spider eggs, well preserved; 4 female paralectotypes, 2 on the same tag with the lectotype, which is circled in red ink.

*Baeus auraticeps* Girault

*Baeus auraticeps* Girault, 1915, p. 214.

Lectotype female, USNM no. 19414; Anna Regina, British Guiana; well preserved. Ten paralectotypes, 1 male on same slide with the lectotype, the others (8 females and 1 male) on card points.

*Baeus latrodecti* Dozier

*Baeus latrodecti* Dozier, 1931, p. 27.

Holotype male, USNM no. 43327; Damien, Haiti, Nov. 14, 1930, H. L. Dozier; rather poorly mounted. Allotype female and many paratypes (males and females); holotype, allotype, and some paratypes of both sexes on slides, remainder on card points.

*Baeus minutus* Ashmead

*Baeus minutus* Ashmead, 1893, p. 178.

Lectotype female, USNM no. 2236; Ottawa, Canada, W. H. Harrington; well preserved. One female paralectotype on same card point with lectotype, which is circled in red ink.

*Baeus niger* Ashmead

*Baeus niger* Ashmead, 1893, p. 178.

Holotype female, USNM no. 2237; District of Columbia, Sept. 21, 1884; well preserved, right antenna broken but the parts mounted separately on the same card point. Unique.

*Baeus piceus* Ashmead

*Baeus piceus* Ashmead, 1893, pp. 178, 179.

Holotype female, USNM no. 2238; Ottawa, Canada, Harrington no. 260; well preserved. Unique.

*Baeus rotundiventris* Gahan

*Baeus rotundiventris* Gahan, 1924, p. 20.

Holotype female, USNM no. 26183, Put-in Bay, Middle Bass Island, Ohio, July 4, 1921, from spider eggs, Mary Auten; well preserved, left antenna mounted on a slide. Allotype (male) and 14 paratypes (males and females).

*Baeus zabriskiei* (Ashmead)

*Acolus Zabriskiei* Ashmead, 1893, p. 175.

Lectotype male, USNM no. 2234; Flatbush, Long Island, N.Y., Oct. 28, 1892, from spider eggs, J. L. Zabriskie; well preserved. One male paralectotype.

*Baryconus floridanus* Ashmead

*Baryconus floridanus* Ashmead, 1887a, p. 118.

Lectotype male, USNM no. 24539; Jacksonville, Fla; right antenna missing after 3d segment, and legs, in part, missing. One male paralectotype.

*Baryconus pacificus* (Ashmead)

*Hoploteleia pacifica* Ashmead, 1905c, p. 112.

Holotype female, USNM no. 8443; Manila, Philippines, R. Brown; well preserved except that last segment of right antenna is missing. Unique; there are 3 additional females, however, identically labeled though not marked as part of the type material, which may or may not have been before Ashmead when he described the species.



*Calotelea marlattii* Ashmead

*Caloteleia Marlattii* Ashmead, 1893, pp. 212, 214.

Lectotype male, USNM no. 24534; Riley County, Kans.; left antenna missing after 7th segment and right after 10th. One male paralectotype. The female was also described by Ashmead, but there is no female in the type material.

*Calotelea nigriceps* (Ashmead)

*Anteris nigriceps* Ashmead, 1893, pp. 225, 226.

Holotype male, USNM no. 24537; Arlington, Va.; left antenna missing after 10th segment, right after 2d. Two paralectotypes (male and female), both in poor condition.

*Calotelea rubriclava* (Ashmead)

*Acolus rubriclavus* Ashmead, 1887a; p. 99.

Holotype female, USNM no. 24533; Jacksonville, Fla.; head and wings missing. Unique.

*Calotelea ruskini* (Girault)

*Macroteleia ruskini* Girault, 1920, p. 179.

Holotype female, USNM no. 20844; Illinois, Illinois State Lab. Nat. Hist. no. 40112; left antenna missing after 8th segment; wings missing except right forewing; abdomen off but attached separately to the card point. Unique.

*Calotelea virginiensis* (Ashmead)

*Anteris virginiensis* Ashmead, 1893, p. 225.

Holotype male, USNM no. 2255; Virginia, Oct. 10, 1880, T. Pergande; left antenna with only scape left, right antenna with 8 segments remaining, abdomen off but attached to the same card point. Unique.

*Ceratobaeus binotatus* Ashmead

*Ceratobaeus binotatus* Ashmead, 1893, p. 176.

Lectotype female, USNM no. 2235; District of Columbia, Nov. 18, 1883; abdomen missing. One female paralectotype, with head missing.

*Ceratobaeus cornutus* Ashmead

*Ceratobaeus cornutus* Ashmead, 1893, p. 176.

Holotype female, USNM no. 24492; District of Columbia, December 9, E. A. Schwarz; well preserved. Unique.

*Embidobia brittanica* Girault

*Embidobia brittanica* Girault, 1917a, p. 152.

Lectotype female, USNM no. 20601; Kumaon, India, August 1912, from eggs of *Embia major* Imms, A. D. Imms; well preserved. Two female paralectotypes on the same slide with the lectotype, which is circled in red ink.

*Embidobia urichi* Ashmead

*Embidobia urichi* Ashmead, 1895c, p. 265.

Lectotype female, USNM no. 2591; Trinidad, British West Indies, from eggs of an embiid, F. W. Urich; well preserved. Five female paralectotypes, 1 on the same card point with the lectotype, which is circled in red ink.

*Gryon ajax* (Girault)

*Hadronotus ajax* Girault, 1920, p. 181.

Lectotype female, USNM no. 20463; Baton Rouge, La., September 15, from eggs of *Anasa tristis* (DeGeer), T. H. Jones; well preserved. Nine paralectotypes (males and females).

*Gryon anasae* (Ashmead)

*Hadronotus anasae* Ashmead, 1887d, p. 23.

Lectotype female, USNM no. 2852; Jacksonville, Fla., from eggs of *Anasa tristis* (DeGeer); well preserved. Eleven paralectotypes (males and females).

*Gryon atriscapus* (Gahan)

*Hadronotus atriscapus* Gahan, 1927, p. 37.

Holotype female, USNM no. 29453; Uvalde, Tex., August 1924, from eggs of *Narnia pallidicornis* Stal, A. P. Dodd; well preserved. Allotype (male) and 23 paratypes (males and females).

*Gryon coracinus* (Fouts)

*Synteleia coracina* Fouts, 1927, p. 178.

Holotype female, USNM no. 67878; Brownwood, Tex., June 15, 1924, R. M. Fouts; 1 antenna missing, 1 on a slide. Unique.

*Gryon ferus*, new name

*Hadronotus flavipes* Ashmead, 1905d, p. 399. Preoccupied.

Holotype female, USNM no. 9035; Manila, Philippines, R. Brown; well preserved. Unique. There are 3 additional female specimens of this species with the same data, but it cannot be determined whether these were seen by Ashmead.

*Gryon floridanus* (Ashmead)

*Hadronotus floridanus* Ashmead, 1887a, p. 118.

Lectotype female, USNM no. 2258; Jacksonville, Fla.; well preserved. Two male paralectotypes (presumably thought by Ashmead to be females since the male is not mentioned in the description).

*Gryon fulviventris* (Crawford), new combination

*Hadronotus fulviventris* Crawford, 1912, p. 2.

Holotype female, USNM no. 14340; Bangalore, India, from eggs of *Clavigralla gibbosa* Spinola, L. C. Coleman; well preserved. Allotype (male) and 7 paratypes (males and females).

*Gryon hakonensis* (Ashmead), new combination

*Hadronotus hakonensis* Ashmead, 1904d, p. 74.

Holotype female, USNM no. 7305; Hakone, Japan, A. Koebele; left antenna missing after 5th segment, right after 8th. Unique.

*Gryon japonicus* (Ashmead), new combination

*Hadronotus japonicus* Ashmead, 1904d, p. 74.

Holotype female, USNM no. 7129; Japan, A. Koebele; right antenna missing, left missing after 7th segment. Unique.

*Gryon largi* (Ashmead)

*Hadronotus largi* Ashmead, 1893, pp. 230, 231.

Lectotype female, USNM no. 2257; Los Angeles, Calif., from eggs of *Largus succinctus* (Linnaeus), D. W. Coquillett; well preserved except that left antenna is missing after 6th segment. Seven paralectotypes (males and females), mostly in poor condition.

*Gryon leptocorisae* (Howard)

*Hadronotus leptocorisae* Howard, 1885, p. 215.

Lectotype female, USNM no. 1480; Crescent City, Fla., from eggs of *Stenocoris tipuloides* (DeGeer); well preserved. Twelve paralectotypes (males and females).

*Gryon myrmecophilus* (Ashmead)

*Hadronotus myrmecophilus* Ashmead, 1893, pp. 230, 232.

Holotype male, USNM no. 21925; Arlington, Va.; left antenna missing after 9th segment, right after 7th. Unique.

*Gryon parkeri* (Fouts)

*Hadronotus parkeri* Fouts, 1920, p. 64.

Holotype female, USNM no. 22796; Hagerstown, Md., Sept. 15, 1916, H. L. Parker; well preserved. Allotype (male) and 3 female paratypes.

*Gryon philippinensis* (Ashmead), new combination

*Hadronotus philippinensis* Ashmead, 1904c, p. 11.

Lectotype female, USNM no. 7718; Manila, Philippines, W. A. Stanton; well preserved. Two female paralectotypes.

*Gryon rugiceps* (Ashmead)

*Hadronotus rugiceps* Ashmead, 1893, pp. 231, 233.

Holotype female, USNM no. 21926; District of Columbia, April 30; left antenna missing, right antenna missing after 8th segment. Unique.

*Gryon rugosus* (Howard)

*Hadronotus rugosus* Howard, 1889b, p. 242.

Lectotype female, USNM no. 1479; Rockledge, Fla., April 1880, from eggs of *Dysdercus suturellus* (Herrick-Schaeffer); well preserved except that wings are a little discolored. Two female paralectotypes.

*Gryon variicornis* (Fouts), new combination

*Hadronotus variicornis* Fouts, 1925b, p. 149.

Holotype female, USNM no. 28498; Blairmont Plantation, Berbice, British Guiana, from eggs of hemipteron on bamboo, Aug. 18, 1923, H. E. Box; well preserved. Two female paratypes.

*Gryon xanthogaster* (Ashmead)

*Acolus xanthogaster* Ashmead, 1893, p. 174.

Holotype female, USNM no. 24491; District of Columbia, June 29, 1891, E. A. Schwarz; right antenna missing, also left antenna after 7th segment, abdomen missing. Unique.

*Habroteleia browni* Crawford

*Habroteleia browni* Crawford, 1910c, p. 125.

Holotype female, USNM no. 12894; Manila, Philippines, R. Brown; well preserved. One female paratype.

*Idris arachnophagus* (Girault), new combination

*Acoloides arachnophagus* Girault, 1917b, p. 12.

Lectotype female, USNM no. 20639; Salatiga, Indonesia; well preserved. Four female paralectotypes on the same tag with the lectotype, which is the specimen at the tip of the card point and is indicated by red-ink marks.

*Idris bicolor* (Ashmead)

*Acoloides bicolor* Ashmead, 1893, pp. 170, 172.

Lectotype female, USNM no. 24487; Ottawa, Canada, Harrington no. 256; well preserved. The species was described from 2 females, but the 2d specimen is not the same species as the one selected as lectotype.

*Idris cubensis* (Gahan), new combination

*Acoloides cubensis* Gahan, 1932, p. 755.

Holotype female, USNM no. 43925; Santiago de las Vegas, Cuba, July 4, 1931, from spider eggs, A. Otero; well preserved. Four female paratypes.

*Idris emertonii* (Howard)

*Acoloides emertonii* Howard, 1891, p. 202.

Lectotype female, USNM no. 2691; locality not shown on the specimens or in the description, from egg cocoon of a spider, J. H. Emerton; well preserved. Six female paralectotypes.

*Idris fasciatipennis* (Girault), new combination

*Acoloides fasciatipennis* Girault, 1917b, p. 11.

Lectotype female, USNM no. 20638; presumably Salatiga, Indonesia, although there is no locality given on the mount; somewhat crushed. Four female paralectotypes mounted on the same slide with the lectotype, which is circled in red ink.

*Idris floridensis* (Fouts)

*Acoloides floridensis* Fouts, 1927, p. 179.

Holotype female, USNM no. 69163; Orlando, Fla., Dec. 17, 1926, from spider eggs, O. C. McBride; well preserved except that club of right antenna is missing. Two female paratypes.

*Idris howardii* (Ashmead)

*Acoloides Howardii* Ashmead, 1893, pp. 170, 171.

Lectotype female, USNM no. 24486; District of Columbia, June 1; left antenna missing after scape, right after 5th segment. One female paralectotype (fragmentary).

*Idris javensis* (Girault), new combination

*Acoloides javensis* Girault, 1917b, p. 11.

Lectotype female, USNM no. 20635; Salatiga, Indonesia; well preserved. Six paralectotypes (males and females), several of them on the same card point with the lectotype, which is indicated by a red-ink mark.

*Idris luteipes* (Crawford), new combination

*Acolus luteipes* Crawford, 1910c, p. 124.

Holotype female, USNM no. 12891; Manila, Philippines, R. Brown; well preserved. Unique.

*Idris melleus* (Ashmead)

*Acoloides melleus* Ashmead, 1893, pp. 170, 172.

Holotype female, USNM no. 24488; Arlington, Va.; left antenna missing after 3d segment, wings matted down on abdomen. Unique.

*Idris saitidis* (Howard)

*Acoloides saitidis* Howard, 1890b, p. 270.

Lectotype female, USNM no. 2690; Lincoln, Nebr., from eggs of *Habrocestum pulex* (Hentz), L. Bruner; well preserved but head mounted separately on same tag. Six paralectotypes (1 male, 5 females).

*Idris seminiger* (Ashmead)

*Acoloides seminiger* Ashmead, 1893, pp. 170, 173.

Lectotype female, USNM no. 24490; Ottawa, Canada, W. H. Harrington; well preserved except that club of left antenna is missing. One female paralectotype.

*Idris subapterus* (Ashmead)

*Acoloides subapterus* Ashmead, 1893, pp. 170, 173.

Holotype female, USNM no. 24489; Ottawa, Canada, W. H. Harrington; well preserved. Unique.

*Idris trispinosus* (Girault), new combination

*Acoloides trispinosus* Girault, 1917b, p. 11.

Lectotype female, USNM no. 20659; Salatiga, Indonesia; well preserved. Eight female paralectotypes, 4 of them on same card with lectotype, which is indicated by red-ink dots.

*Leptoteleia oecanthi* (Riley)

*Baryconus oecanthi* Riley, in Ashmead, 1893, p. 215.

Lectotype female USNM no. 2248; Lincoln, Nebr., from eggs of *Oecanthus niveus* (DeGeer), L. Bruner; well preserved. Three paralectotypes (1 female and 2 males).

*Macroteleia crawfordi* Kieffer

*Macroteleia kiefferi* Crawford, 1910c, p. 127. Preoccupied.

*Macroteleia crawfordi* Kieffer, 1910, p. 89.

Holotype female, USNM no. 12897; Manila, Philippines, R. Brown; well preserved. One female paratype.

*Macroteleia elongata* (Ashmead)

*Anteris elongata* Ashmead, 1887a, p. 118.

Lectotype male, USNM no. 24538, Jacksonville, Fla.; well preserved. One male paralectotype.

*Macroteleia eremicola* Priesner

*Macroteleia eremicola* Priesner, 1951, p. 137.

Holotype female, USNM no. 69109; Beni Yousef, Egypt, A. Rabinovitch; well preserved. Allotype (male).

*Macroteleia floridana* (Ashmead)

*Baeoneura floridana* Ashmead, 1887a, p. 99.

Lectotype female, USNM no. 24536; Jacksonville, Fla.; left antenna with only scape remaining, wings mounted separately on the card point. The male described by Ashmead is missing.

*Macroteleia floridana* v. *goldsmithi* Girault

*Macroteleia floridana* v. *goldsmithi* Girault, 1920, p. 180.

Holotype female, USNM no. 20845; Illinois, Illinois State Lab. of Nat. Hist. no. 39995; both antennae missing after 5th segment, wings, except right forewing, missing. Unique.

*Macroteleia inermis* Fouts

*Macroteleia inermis* Fouts, 1929, p. 8.

Holotype male, USNM no. 29195; Island of Basilan, Philippines, C. F. Baker; well preserved, left antenna on a slide. Unique.

*Macroteleia macrogaster* Ashmead

*Macroteleia macrogaster* Ashmead, 1893, p. 217.

Lectotype male, USNM no. 24535; Texas; thorax somewhat damaged by pin, left antenna missing. One female paralectotype in poor condition.

*Macroteleia maniliensis* Ashmead

*Macroteleia maniliensis* Ashmead, 1905b, p. 963.

Holotype male, USNM no. 8431; Manila, Philippines, R. Brown; well preserved. Unique.

*Macroteleia striativentris* Crawford

*Macroteleia striativentris* Crawford, 1910c, p. 126.

Holotype female, USNM no. 12896; Manila, Philippines, R. Brown; well preserved. Allotype (male) and 2 female paratypes.

*Macroteleia surfacei* Brues

*Macroteleia surfacei* Brues, 1907b, p. 153.

Lectotype female, USNM no. 26580; Chester, N. J.; well preserved except that left antenna is missing after 5th segment. One female paralectotype.



*Macroteleia terminalis* Fouts

*Macroteleia terminalis* Fouts, 1929, p. 7.

Holotype male USNM no. 29196; Surigao, Mindanao, Philippines, C. F. Baker; well preserved, left antenna on a slide. Unique.

*Macroteleia virginiensis* Ashmead

*Macroteleia virginiensis* Ashmead, 1893, pp. 217, 218.

Holotype female, USNM no. 2249; Arlington, Va., Aug. 31, 1879; well preserved except that left antenna is missing after 3d segment. Unique.

*Odontacolus longispinosus* Girault

*Odontacolus longispinosus* Girault, 1917b, p. 10.

Lectotype female, USNM no. 20634; Salatiga, Indonesia; well preserved. Ten paralectotypes (1 male and 9 females), 4 on the same card point with the lectotype, which is indicated by a red-ink mark.

*Oethecoctonus oecanthi* (Riley)

*Cacus oecanthi* Riley in Ashmead, 1893, p. 224.

Lectotype female, USNM no. 2254; Lafayette, Ind., May 31, 1881, from eggs of *Oecanthus niveus* (DeGeer), F. M. Webster; well preserved. Five male paralectotypes, only 1 of these in good condition, the others fragmentary.

*Opistacantha americana* (Ashmead)

*Trimorus americanus* Ashmead, 1893, p. 139.

Holotype male, USNM no. 24427; Arlington, Va.; left antenna, right wings, and abdomen missing. Unique.

*Opistacantha mellipes* Ashmead

*Opistacantha mellipes* Ashmead, 1893, p. 221.

Lectotype female, USNM no. 2252; District of Columbia; well preserved except that left forewing is missing. One male paralectotype.

*Paratrimorus nigriclavatus* (Ashmead), new combination

*Opistacantha nigriclavata* Ashmead, 1905d, p. 399.

Holotype female, USNM no. 8951; Manila, Philippines, R. Brown; largely embedded in the mountant. Unique.

*Paratrimorus reticulatus* (Fouts)

*Anteris reticulata* Fouts, 1926, p. 178.

Lectotype female, USNM no. 63253; District of Columbia, Aug. 14, 1917, R. M. Fouts; well preserved. One male paralectotype.

*Paridris brevipennis* Fouts

*Paridis brevipennis* Fouts, 1920, p. 66.

Holotype female, USNM no. 22798; Brookings, S. Dak., from eggs of *Gryllus pennsylvanicus* Burmeister, H. C. Severin; well preserved except that left antenna is missing after 5th segment. Allotype (male) and 1 female paratype.

*Paridris laeviceps* (Ashmead)

*Idris laeviceps* Ashmead, 1893, p. 235.

Holotype male, USNM no. 24541; Arlington, Va.; antennae missing. Unique.

*Paridris pallipes* (Ashmead)

*Thoron pallipes* Ashmead, 1887a, p. 99.

Holotype female, USNM no. 24485; Jacksonville, Fla.; right antenna with only scape remaining, specimen largely embedded in the mountant. Unique.

*Platyscelio abnormis* Crawford

*Platyscelio abnormis* Crawford, 1910c, p. 126.

Holotype male, USNM no. 12895; Manila, Philippines, R. Brown; well preserved. Unique.

*Platyscelio wilcoxi* Fullaway

*Platyscelio wilcoxi* Fullaway, 1913, p. 283.

Holotype female, USNM no. 26186; Guam; well preserved. Unique.

*Probaryconus cinctiventris* (Ashmead)

*Baeoneura cinctiventris* Ashmead, 1887a, p. 99.

Holotype female, USNM no. 24532; Jacksonville, Fla.; right antenna missing, left antenna with only scape and pedicel remaining, some legs missing (there is an antenna mounted separately on the same point, but it belongs to some other scelionid). Unique.

*Probaryconus heidemanni* (Ashmead)

*Caloteleia heidemanni* Ashmead, 1893, pp. 212, 213.

Holotype female, USNM no. 24531; Virginia; head and right forewing missing. Unique.

*Probaryconus striatus* (Ashmead)

*Caloteleia striata* Ashmead, 1893, pp. 212, 213.

Holotype female, USNM no. 2247; District of Columbia; both antennae with only 5 segments remaining. Unique.

*Scelio bicolor* Fouts

*Scelio bicolor* Fouts, 1929, p. 5.

Holotype male, USNM no. 29209; Surigao, Mindanao, Philippines, C. F. Baker; right antenna with 6 segments remaining, left with 7. Unique.

*Scelio bisulcus* (Ashmead)

*Scelioromorpha bisulca* Ashmead, 1893, p. 240.

Lectotype female, USNM no. 2260; Jacksonville, Fla.; well preserved. One female paralectotype.

*Scelio calopteni* Riley

*Scelio calopteni* Riley in Ashmead, 1893, pp. 242, 246.

Lectotype female, USNM no. 2261; Boscawen, N. H., Oct. 5, 1882, from eggs of *Melanoplus sanguinipes* (Fabricius), A. Koebele; well preserved. Many female paralectotypes.

*Scelio floridanus* Ashmead

*Scelio floridanus* Ashmead, 1893, pp. 242, 247.

Lectotype female, USNM no. 2263; Jacksonville, Fla.; well preserved. Three paralectotypes (1 female, 2 males).

*Scelio froggatti* Crawford

*Scelio froggatti* Crawford, 1911b, p. 268.

Holotype female, USNM no. 13967; Childers, Queensland, Australia, from eggs of *Chortoicetes terminifera* (Walker), W. W. Froggatt; well preserved except that last segment of right antenna is missing. One female paratype.

*Scelio fulgidus* Crawford

*Scelio fulgidus* Crawford, 1911b, p. 269.

Holotype female, USNM no. 13969; New South Wales, Australia, from eggs of *Locusta migratoria* (Saussure), W. W. Froggatt; left antenna missing, right mounted separately on the same card point. Two female paratypes.

*Scelio fuscipennis* Ashmead

*Scelio fuscipennis* Ashmead, 1887a, p. 119.

Lectotype female, USNM no. 24544; Fort George, Fla., April 1883; well preserved. Two female paralectotypes.

*Scelio hieroglyphi* Timberlake

*Scelio hieroglyphi* Timberlake, 1932, p. 157.

Lectotype female, USNM no. 20802; Coimbatore, South India, July 10, 1915, from eggs of *Hieroglyphus* sp.; both antennae missing after 5th segment, thorax slightly damaged by pin. Three female paralectotypes.

*Scelio howardi* Crawford

*Scelio Howardi* Crawford, 1910b, p. 222.

Holotype female, USNM no. 13143; Zambesi River, Africa, December 1908, from eggs of *Nomadacris septemfasciata* (Serville), C. W. Howard; well preserved except that right hindleg is missing beyond coxa. Seven female paratypes.

*Scelio hyalinipennis* Ashmead

*Scelio hyalinipennis* Ashmead, 1887a, p. 119.

Lectotype female, USNM no. 2856; Jacksonville, Fla.; well preserved except that both antennae have apical segment missing. Four paralectotypes (1 female and 3 males).

*Scelio luggeri* Riley

*Scelio luggeri* Riley in Ashmead, 1893, pp. 242, 246.

Lectotype female, USNM no. 2262; Otter Tail County, Minn., July 1889, O. Lugger; well preserved. Two female paralectotypes.

*Scelio oedipodae* Ashmead

*Scelio oedipodae* Ashmead, 1893, pp. 242, 245.

Lectotype female, USNM no. 24547; Arlington, Va., from eggs of *Oedipoda* sp.; well preserved except that right antenna is missing after 7th segment. Two paralectotypes (male and female).

*Scelio ovivorus* (Riley)

*Caloptenobia ovivora* Riley, 1878, p. 306.

Lectotype female, USNM no. 2800; Massachusetts, from eggs of *Dissosteira carolina* (Linnaeus), S. H. Scudder; well preserved except that left antenna is missing after 8th segment. Four female paralectotypes.

*Scelio oxyae* Timberlake

*Scelio oxyae* Timberlake, 1932, p. 158.

Lectotype female, USNM no. 20801; Coimbatore, South India, from eggs of *Oxya* sp., Nov. 27, 1915; well preserved. Three female paralectotypes.

*Scelio pallidicornis* Ashmead

*Scelio pallidicornis* Ashmead, 1893, pp. 242, 244.

Holotype male, USNM no. 24546; Jacksonville, Fla.; well preserved except that right wings are missing. Unique.

*Scelio pallidipes* Ashmead

*Scelio pallidipes* Ashmead, 1893, pp. 242, 244.

Lectotype male, USNM no. 24345; Jacksonville, Fla.; well preserved. One male paralectotype.

*Scelio philippinensis* Ashmead

*Scelio philippinensis* Ashmead, 1905b, p. 963.

Holotype male, USNM no. 8336; Manila, Philippines, R. Brown; well preserved. Unique.

*Scelio pulchellus* Crawford

*Scelio pulchellus* Crawford, 1911b, p. 268.

Holotype female, USNM no. 13968; Lake Cowal, New South Wales, Australia, 1901, from eggs of *Chortoicetes pusilla* (Walker), W. W. Froggatt; both antennae missing after 7th segment. Unique.

*Scelio rufiventris* Ashmead

*Scelio rufiventris* Ashmead, 1893, pp. 242, 245.

Holotype female, USNM no. 24548; Fort George, Fla., R. S. Turner; well preserved except that right antenna is missing after 5th segment. Unique.

*Sceliomorpha longicornis* Ashmead

*Sceliomorpha longicornis* Ashmead, 1893, p. 240.

Holotype male, USNM no. 23723; Santarem, Brazil; well preserved. Unique.

*Sparasion nigrum* Ashmead

*Sparasion nigrum* Ashmead, 1893, pp. 238, 239.

Lectotype female, USNM no. 24542; Pen Mar, Pa., August 1; well preserved except that left antenna is missing after pedicel. One male paralectotype.

*Sparasion pacificum* Ashmead

*Sparasion pacificum* Ashmead, 1893, p. 238, 239.

Lectotype female, USNM no. 2259; Marin County, Calif., August, A. Koebele; well preserved. Four paralectotypes (1 male and 3 females).

*Sparasion pilosum* Ashmead

*Sparasion pilosum* Ashmead, 1893, p. 238.

Lectotype female, USNM no. 24543; Nevada; well preserved except that last 3 segments of right antenna are missing. One female paralectotype. The specimens were described as males, but both are females.

## Subfamily Teleasinae

*Teleas americanus* (Ashmead)

*Prosacantha americana* Ashmead, 1887a, p. 100.

Holotype female, USNM no. 24513; Jacksonville, Fla.; right antenna missing, left missing after 5th segment. Unique.

*Teleas coxalis* Ashmead

*Teleas coxalis* Ashmead, 1893, p. 199.

Lectotype female, USNM no. 24518; Arlington, Va.; well preserved. One female paralectotype.

*Teleas lineaticeps* Ashmead

*Teleas lineaticeps* Ashmead, 1893, pp. 198, 199.

Lectotype male, USNM no. 2242; District of Columbia, March 27; right antenna and left wings missing, left antenna missing after 3d segment. One male paralectotype (fragmentary).

*Teleas mandibularis* (Ashmead)

*Prosacantha mandibularis* Ashmead, 1887a, p. 117.

Holotype female, USNM no. 24519; Jacksonville, Fla.; well preserved except that left antenna is missing beyond scape. Unique.

*Teleas pallidipes* Ashmead

*Teleas pallidipes* Ashmead, 1893, pp. 199, 200.

Holotype male, USNM no. 24520; New Jersey; left antenna with last 2 segments missing, right with last 3 missing. Unique.

*Trimorus amabilis* Fouts

*Trimorus amabilis* Fouts, 1948, pp. 102, 146.

Holotype female, USNM no. 57819; Chilliwack, British Columbia, May 29, 1926, O. Whittaker; well preserved.

*Trimorus annulicornis* (Ashmead)

*Prosacantha annulicornis* Ashmead, 1893, pp. 186, 188.

Lectotype female (selected by Fouts, 1948, p. 129) USNM no. 2240; District of Columbia, October 14; right antenna missing, left missing after 3d segment. Four female paralectotypes.

*Trimorus apterus* Fouts

*Trimorus apterus* Fouts, 1948, pp. 97, 102.

Holotype female, USNM no. 57773; District of Columbia, May 20, 1915, R. M. Fouts; well preserved, right antenna, with last 2 segments missing, mounted on a separate card point. Unique.

*Trimorus bilineatus* (Ashmead)

*Prosacantha bilineata* Ashmead, 1893, pp. 186, 194.

Lectotype female (selected by Fouts, 1948, p. 139), USNM no. 24508; District of Columbia, March 24; well preserved. One female paralectotype.

*Trimorus borealis* (Ashmead)

*Acolus borealis* Ashmead, 1888b, p. 50.

Lectotype female, USNM no. 2245; Ottawa, Canada, Harrington no. 82; well preserved. Three female paralectotypes.

*Trimorus brevicarinatus* Fouts

*Trimorus brevicarinatus* Fouts, 1948, pp. 101, 134.

Holotype female, USNM no. 57807; Glen Echo, Md., Aug. 14, 1916, R. M. Fouts; well preserved except that last 2 segments of right antenna are missing.

*Trimorus bruesi* (Kieffer)

*Prosacantha brachyptera* Ashmead, 1888b, p. 50. Preoccupied.

*Hoplogryon bruesi* Kieffer, 1910a, p. 96.

*Hoplogryon dolichopterus* Kieffer, 1926, pp. 189, 216.

Lectotype female (selected by Fouts, 1948, p. 104), USNM no. 2244; Ottawa, Canada, W. H. Harrington; rather dirty and left antenna missing after 4th segment. Two female paralectotypes.

*Trimorus brunneipes* Fouts

*Trimorus brunneipes* Fouts, 1948, pp. 100, 125.

Holotype female, USNM no. 57797; McLean Bogs, N. Y., May 16, 1925, M. D. Leonard; well preserved. Unique.

*Trimorus californicus* (Ashmead)

*Prosacantha californica* Ashmead, 1893, pp. 186, 190.

Holotype female, USNM no. 24499; Santa Cruz Mts., Calif.; well preserved except that left antenna is missing after 5th segment. Unique.

*Trimorus canadensis* (Ashmead)

*Acolus canadensis* Ashmead, 1888b, p. 50.

Holotype female, USNM no. 24529; Ottawa, Canada, W. H. Harrington; well preserved except that left antenna is missing after 8th segment. Unique.

*Trimorus caraborum* (Riley)

*Prosacantha caraborum* Riley in Ashmead, 1893, pp. 186, 191.

Lectotype female (selected by Fouts, 1948, p. 128), USNM no. 2241; District of Columbia, from *Chlaenius impunctifrons* (Say); well preserved. Twenty-six paralectotypes (males and females).

*Trimorus claripennis* (Ashmead)

*Hoplogryon claripennis* Ashmead, 1893, pp. 201, 203.

Holotype female, USNM no. 24524; Virginia, O. Heidemann; well preserved except that right antenna is missing after 4th segment. Unique.



*Trimorus clarus* Fouts

*Trimorus clarus* Fouts, 1948, pp. 100, 131.

Holotype female, USNM no. 57805; Hollyburn, British Columbia, Sept. 27, 1929, O. Whittaker; well preserved. Unique.

*Trimorus columbianus* (Ashmead)

*Prosacantha columbiana* Ashmead, 1893, pp. 186, 194.

Lectotype female (selected by Fouts, 1948, p. 125), USNM no. 24507; District of Columbia, May 3; well preserved except that right antenna is missing after 6th segment. One female paralectotype.

*Trimorus crassellus* Fouts

*Gryon columbianus* Ashmead, 1893, pp. 206, 208. Preoccupied.

*Trimorus crassellus* Fouts, 1948, pp. 98, 105.

Lectotype female (selected by Fouts, 1948, p. 106), USNM no. 2246; District of Columbia, June 23; well preserved except that last segment of left antenna is missing. Five female paralectotypes.

*Trimorus crassiceps* Fouts

*Trimorus crassiceps* Fouts, 1948, pp. 98, 107.

Holotype female, USNM no. 57778; Hollyburn, British Columbia, June 3, 1930, O. Whittaker; well preserved. Unique.

*Trimorus crosbyi* Fouts

*Trimorus crosbyi* Fouts, 1948, pp. 98, 114.

Holotype female, USNM no. 57785; Wolcott, N. Y., May 23, 1923, C. R. Crosby; well preserved. Unique.

*Trimorus distinctus* Fouts

*Trimorus distinctus* Fouts, 1948, pp. 99, 115.

Holotype male, USNM no. 57786; Brownwood, Tex., R. M. Fouts; well preserved. Unique.

*Trimorus erythrogaster* Fouts

*Trimorus erythrogaster* Fouts, 1948, pp. 98, 113.

Holotype male, USNM no. 57784; Arlington, Va., R. M. Fouts; left antenna missing after 6th segment. Unique.

*Trimorus erythropus* (Ashmead)

*Prosacantha erythropus* Ashmead, 1893, pp. 186, 195.

Lectotype female (selected by Fouts, 1948, p. 114), USNM no. 24511; District of Columbia, April 14; well preserved. One female paralectotype.

*Trimorus exilis* Fouts

*Trimorus exilis* Fouts, 1948, pp. 98, 107.

Holotype female, USNM no. 57777; Chilliwack, British Columbia, Sept. 9, 1927, O. Whittaker; well preserved. Unique.

*Trimorus finitimus* Fouts

*Trimorus finitimus* Fouts, 1948, pp. 98, 110.

Holotype female, USNM no. 57782; Chilliwack British Columbia, Apr. 23, 1926, O. Whittaker; well preserved.

*Trimorus flavicoxa* (Ashmead)

*Prosacantha flavicoxa*, Ashmead, 1893, pp. 187, 196.

Holotype female, USNM no. 24512; Virginia, Aug. 31, 1879; well preserved. Unique.

*Trimorus flavipes* (Ashmead)

*Gryon flavipes* Ashmead, 1893, pp. 206, 208.

Holotype female, USNM no. 24530; Ottawa, Canada, Harrington no. 10; well preserved except that right antenna is missing after 6th segment. Unique.

*Trimorus flavocinctus* Fouts

*Trimorus flavocinctus* Fouts, 1948, pp. 100, 131.

Holotype female, USNM no. 57804; McLean Bogs, N. Y., May 16, 1925, M. D. Leonard; well preserved. Unique.

*Trimorus flavopetiolatus* (Ashmead)

*Prosacantha flavopetiolata* Ashmead, 1893, pp. 187, 196.

Lectotype male, USNM no. 24514; District of Columbia, Oct. 19, 1879; left antenna missing, right antenna after 11th segment. Two paralectotypes (male and female).

*Trimorus formosus* Fouts

*Trimorus formosus* Fouts, 1948, pp. 97, 103.

Holotype female, USNM no. 57774; Chilliwack, British Columbia, June 5, 1927, O. Whittaker; well preserved. Unique.

*Trimorus fumipennis* (Ashmead)

*Gyron fumipennis* Ashmead, 1893, p. 206.

Holotype female, USNM no. 24528; District of Columbia, June 2, E. A. Schwarz; well preserved. Unique.

*Trimorus fuscipennis* (Ashmead)

*Prosacantha fuscipennis* Ashmead, 1887a, p. 117.

Lectotype male (selected by Fouts, 1948, p. 126), USNM no. 24506; Jacksonville, Fla.; well preserved except that left antenna is missing after 8th segment. One male paralectotype.

*Trimorus grandis* (Brues)

*Hoplogryon grandis* Brues, 1907a, p. 102.

Holotype female, USNM no. 42705; Cold Spring Harbor, Long Island, N.Y.; well preserved. Unique.

*Trimorus improcerus* Fouts

*Trimorus improcerus* Fouts, 1948, pp. 99, 119.

Holotype female, USNM no. 57791; Chilliwack, British Columbia, Sept. 24, 1926, O. Whittaker; well preserved. Unique.

*Trimorus jucundus* Fouts

*Trimorus jucundus* Fouts, 1948, pp. 100, 127.

Holotype female, USNM no. 57799; Glen Echo, Md., Mar. 18, 1926, R. M. Fouts; abdomen, left antenna after scape, and right antenna after 6th segment missing.

*Trimorus kansasensis* (Gahan)

*Hoplogryon kansasensis* Gahan, 1912, p. 7.

Holotype female, USNM no. 14354; Manhattan, Kans., Apr. 25, 1889; right antenna missing, left after 6th segment. Unique.

*Trimorus leonardi* Fouts

*Trimorus leonardi* Fouts, 1948, pp. 100, 128.

Holotype female, USNM no. 57800; McLean Bogs, N.Y., May 16, 1925, M.D. Leonard; well preserved except that left forewing is missing. Unique.

*Trimorus lepidus* Fouts

*Trimorus lepidus* Fouts, 1948, pp. 102, 147.

Holotype female, USNM no. 57820; Hollyburn, British Columbia, June 9, 1928, O. Whittaker; well preserved except that left hindwing is missing.

*Trimorus levis* (Dalla Torre)

*Prosacantha laevifrons* Ashmead, 1893, pp. 186, 190. Preoccupied.

*Prosacantha levis* Dalla Torre, 1898, p. 507.

Lectotype female, USNM no. 24500; District of Columbia; well preserved.

Two female paralectotypes.

*Trimorus linellii* (Ashmead)

*Prosacantha Linellii* Ashmead, 1893, pp. 187, 195.

Holotype female, USNM no. 24510; Long Island, N.Y., M. Linell; abdomen missing. Unique.

*Trimorus lionotus* Fouts

*Trimorus lionotus* Fouts, 1948, pp. 99, 118.

Holotype male, USNM no. 57789; Hollyburn, British Columbia, Sept. 9, 1929, O. Whittaker; well preserved except that the apical 2 segments of the left antenna are missing. Unique.

*Trimorus longipennis* (Ashmead)

*Hoplogryon longipennis* Ashmead, 1893, pp. 201, 202.

Lectotype female (selected by Fouts, 1948, p. 137), USNM no. 24521; Ottawa, Canada, Harrington no. 244; well preserved. One female paralectotype.

*Trimorus macrocerus* (Ashmead)

*Prosacantha macrocera* Ashmead, 1887a, p. 117.

Holotype male, USNM no. 24515; Jacksonville, Fla.; well preserved except that left antenna is missing after 7th segment. Unique.

*Trimorus marylandicus* (Ashmead)

*Prosacantha marylandica* Ashmead, 1893, pp. 186, 193.

Lectotype female (selected by Fouts, 1948, p. 122), USNM no. 24505; Oakland, Md., July 11; well preserved, abdomen mounted separately on the card point. One male paralectotype.

*Trimorus melanopus* (Ashmead)

*Prosacantha melanopus* Ashmead, 1893, pp. 186, 189.

Holotype female, USNM no. 24497; Ottawa, Canada, Harrington no. 257; well preserved. Unique.

*Trimorus minor* Fouts

*Trimorus minor* Fouts, 1948, pp. 101, 142.

Holotype female, USNM no. 57815; Rosslyn, Va., June 8, R. M. Fouts;  
left antenna missing after 7th segment, right after 3d. Unique.

*Trimorus minutissimus* (Ashmead)

*Prosacantha minutissima* Ashmead, 1887a, p. 117.

Holotype female, USNM no. 24522; Jacksonville, Fla.; well preserved.  
Unique.

*Trimorus minutus* Fouts

*Trimorus minutus* Fouts, 1948, pp. 99, 117.

Holotype female, USNM no. 57788; Glen Echo, Md., Apr. 23, 1918,  
R. M. Fouts; left antenna missing.

*Trimorus monticola* Fouts

*Trimorus monticola* Fouts, 1948, pp. 101, 140.

Holotype female, USNM no. 57813; Mount Holly Springs, Pa., July 16,  
1920, R. M. Fouts; well preserved. Unique.

*Trimorus nanus* (Ashmead)

*Prosacantha nana* Ashmead, 1893, pp. 186, 191.

Holotype female, USNM no. 24501; Utah Lake, Utah, June 19,  
E. A. Schwarz; well preserved. Unique.

*Trimorus nigricoxa* Fouts

*Trimorus nigricoxa* Fouts, 1948, pp. 101, 137.

Holotype female, USNM no. 57809; Chilliwack, British Columbia,  
Sept. 4, 1926, O. Whittaker; well preserved.

*Trimorus nigripes* (Ashmead)

*Prosacantha nigripes* Ashmead, 1893, pp. 186, 188.

Lectotype male (selected by Fouts, 1948, p. 127), USNM no. 24495;  
The Dalles, Oreg., H. F. Wickham; left antenna with 4 segments  
remaining, right with only the scape. One male paralectotype.

*Trimorus nigrobrunneus* Fouts

*Trimorus nigrobrunneus* Fouts, 1948, pp. 102, 144.

Holotype female, USNM no. 57817; Sudley, Md., July 5, 1925, R. M. Fouts; well preserved except that last 3 segments of left antenna and last 2 of right antenna are missing. Unique.

*Trimorus nipponensis*, new name

*Dissolcus flavipes* Ashmead, 1904d, p. 73. Preoccupied.

Holotype female, USNM no. 7128; Hakone, Japan, A. Koebele; well preserved. Unique.

*Trimorus nitidus* Fouts

*Trimorus nitidus* Fouts, 1948, pp. 98, 106.

Holotype female, USNM no. 57776; Hollyburn, British Columbia, Sept. 3, 1929, O. Whittaker; well preserved.

*Trimorus notabilis* Fouts

*Trimorus notabilis* Fouts, 1948, pp. 99, 120.

Holotype female, USNM no. 57792; Chilliwack, British Columbia, May 24, 1926, O. Whittaker; well preserved.

*Trimorus obscuripes* (Ashmead)

*Hoplogryon obscuripes* Ashmead, 1893, pp. 202, 204.

Lectotype female, USNM no. 24525; Ottawa, Canada, W. H. Harrington; well preserved. One female paralectotype.

*Trimorus obscurus* Fouts

*Trimorus obscurus* Fouts, 1948, pp. 101, 139.

Holotype female, USNM no. 57811; Chilliwack, British Columbia, Aug. 22, 1926, O. Whittaker; well preserved.

*Trimorus pallidipes* (Ashmead)

*Xenomerus pallidipes* Ashmead, 1893, p. 184.

Holotype female, USNM no. 24493; Arlington, Va.; right antenna missing, left after 3d segment, body more or less covered with the mountant. Unique.

*Trimorus percurrens* Fouts

*Trimorus percurrens* Fouts, 1948, pp. 99, 116.

Holotype male USNM no. 57787; Hollyburn, British Columbia, June 11, 1928, O. Whittaker; well preserved. Unique.

*Trimorus perspicuus* Fouts

*Trimorus perspicuus* Fouts, 1948, pp. 102, 145.

Holotype female, USNM no. 57818; Hollyburn, British Columbia, Aug. 25, 1928, O. Whittaker; left wings missing, also left antenna after 6th segment. Unique.

*Trimorus petiolatus* Fouts

*Trimorus petiolatus* Fouts, 1948, pp. 100, 130

Holotype female, USNM no. 57802; Cinnamon Lake, Schuyler County, N.Y., C. R. Crosby; well preserved. Unique.

*Trimorus pictus* Fouts

*Trimorus pictus* Fouts, 1948, pp. 99, 119.

Holotype female, USNM no. 57790; Hollyburn, British Columbia, Aug. 27, 1930, O. Whittaker; well preserved.

*Trimorus pleuralis* (Ashmead)

*Prosacantha pleuralis* Ashmead, 1893, pp. 186, 195.

Lectotype female (selected by Fouts, 1948, p. 129), USNM no. 24509; District of Columbia; well preserved. Paralectotype female off card point and missing.

*Trimorus pteridis* (Ashmead)

*Hoplogryon pteridis* Ashmead, 1893, pp. 201, 203.

Lectotype female, USNM no. 2243; Fort. Monroe, Va., Apr. 19, E. A. Schwarz; well preserved. The second specimen, also a female, is not conspecific with the lectotype.

*Trimorus pulchellus* Fouts

*Trimorus pulchellus* Fouts, 1948, pp. 101, 140.

Holotype female, USNM no. 57812; Chilliwack, British Columbia, June 12, 1927, O. Whittaker; well preserved.

*Trimorus pulchricornis* Fouts

*Trimorus pulchricornis* Fouts, 1948, pp. 98, 104.

Holotype female, USNM no. 57775; Glen Echo, Md., R. M. Fouts; well preserved. Unique.

*Trimorus punctiger* Fouts

*Trimorus punctiger* Fouts, 1948, pp. 101, 135.

Holotype female, USNM no. 57808; Glen Echo, Md., R. M. Fouts; right wings missing. Unique.

*Trimorus punctithorax* Fouts

*Trimorus punctithorax* Fouts, 1948, pp. 98, 108.

Holotype female, USNM no. 57779; Chilliwack, British Columbia, Sept. 18, 1926, O. Whittaker; well preserved.

*Trimorus punctiventris* (Ashmead)

*Prosacantha punctiventris* Ashmead, 1893, pp. 186, 192.

Lectotype female (selected by Fouts, 1948, p. 128), USNM no. 24502; Fort. Monroe, Va., April 19, E. A. Schwarz; wings partially destroyed, right antenna missing after 4th segment. Three female paralectotypes.

*Trimorus pusillus* (Ashmead)

*Prosacantha pusilla* Ashmead, 1893, pp. 186, 192.

Holotype female, USNM no. 24504; Jacksonville, Fla.; well preserved except that left antenna is missing. Unique.

*Trimorus repentinus* Fouts

*Trimorus repentinus* Fouts, 1948, pp. 99, 124.

Holotype female, USNM no. 57796; Cabin John, Md., July 31, 1916, R. M. Fouts; well preserved except that left antenna is missing after 7th segment.



*Trimorus reticulatus* Fouts

*Trimorus reticulatus* Fouts, 1948, pp. 101, 143.

Holotype female, USNM no. 57816; Glen Echo, Md., August 1922, R. M. Fouts; well preserved. Unique.

*Trimorus roberti* (Crawford)

*Prosacantha roberti* Crawford, 1910c, p. 125.

Holotype male, USNM no. 12892; Manila, Philippines, R. Brown; 1 antenna missing, abdomen, wings, and 1 antenna mounted separately on the card point. Unique.

*Trimorus robustus* Fouts

*Trimorus robustus* Fouts, 1948, pp. 98, 110.

Holotype female, USNM no. 57781; Chilliwack, British Columbia, Sept. 26, 1926. O. Whittaker; well preserved.

*Trimorus rubripes* Fouts

*Trimorus rubripes* Fouts, 1948, pp. 100, 122.

Holotype male, USNM no. 57794; Glen Echo, Md., June 5, 1921, R. M. Fouts; well preserved.

*Trimorus rubripes* var. *rufocoxalis* Fouts

*Trimorus rubripes* var. *rufocoxalis* Fouts, 1948, pp. 99, 123.

Holotype male, USNM no. 57795; Glen Echo, Md., R. M. Fouts; left antenna missing after 9th segment, right after 7th. Unique.

*Trimorus rufocinctus* Fouts

*Trimorus rufocinctus* Fouts, 1948, pp. 100, 130.

Holotype female, USNM no. 57803; Glen Echo, Md., July 21, 1921, R. M. Fouts; well preserved. One female paratype.

*Trimorus rufosignatus* (Kieffer)

*Hoplogryon rufipes* Ashmead, 1893, pp. 202, 205. Preoccupied.

*Hoplogryon rufosignatus* Kieffer, 1910a, p. 97.

Holotype female, USNM no. 24526; District of Columbia, April 18, E. A. Schwarz; abdomen and right hindleg missing, also left antenna after 5th segment, right after scape. Unique.

*Trimorus schwarzii* (Ashmead)

*Prosacantha Schwarzii* Ashmead, 1893, pp. 186, 192.

Holotype female, USNM no. 24503; District of Columbia, May 29, E. A. Schwarz; well preserved. Unique.

*Trimorus sculpturatus* Fouts

*Trimorus sculpturatus* Fouts, 1948, pp. 100, 129.

Holotype female, USNM no. 57801; Glen Echo, Md., July, R. M. Fouts; right wings missing. Unique.

*Trimorus silvaticus* Fouts

*Trimorus silvaticus* Fouts, 1948, pp. 101, 132.

Holotype female, USNM no. 57806; Hollyburn, British Columbia, May 15, 1928, O. Whittaker; well preserved.

*Trimorus solitarius* (Ashmead)

*Hoplogryon solitarius* Ashmead, 1893, pp. 202, 205.

Holotype male, USNM no. 24527; Ottawa, Canada, Harrington no. 243; left antenna missing after 8th segment, right after 5th. Unique.

*Trimorus striaticeps* (Crawford)

*Prosacantha striaticeps* Crawford, 1910c, p. 125.

Holotype male, USNM no. 12893; Manila, Philippines, R. Brown; well preserved. Unique.

*Trimorus striatifrons* (Ashmead)

*Prosacantha striatifrons* Ashmead, 1893, pp. 187, 188.

Holotype male, USNM no. 24496; Jacksonville, Fla.; left antenna missing after 8th segment, right after 9th. Unique.

*Trimorus striativentris* (Ashmead)

*Prosacantha striativentris* Ashmead, 1893, pp. 187, 197.

Holotype male, USNM no. 24517; District of Columbia; left antenna missing after 6th segment, right after scape. Unique.

*Trimorus striopunctatus* Fouts

*Trimorus striopunctatus* Fouts, 1948, pp. 98, 111.

Holotype female, USNM no. 57783; Glen Echo, Md., July 1926, R. M. Fouts; well preserved except that left antenna is missing after 3d segment. Allotype (male).

*Trimorus subapterus* Fouts

*Trimorus subapterus* Fouts, 1948, pp. 98, 109.

Holotype female, USNM no. 57780; Chilliwack, British Columbia, Sept. 6, 1926, O. Whittaker; well preserved.

*Trimorus texanus* Fouts

*Trimorus texanus* Fouts, 1948, pp. 101, 141.

Holotype female, USNM no. 57814; Brownwood, Tex., May 1, 1924, R. M. Fouts; well preserved except that left antenna is missing after 5th segment. Unique.

*Trimorus utahensis* (Ashmead)

*Prosacantha utahensis* Ashmead, 1893, pp. 186, 189.

Holotype female, USNM no. 24498; Park City, Utah, June 18, E. A. Schwarz; well preserved. Unique.

*Trimorus varius* Fouts

*Trimorus varius* Fouts, 1948, pp. 99, 120.

Holotype male, USNM no. 57793; Cabin John, Md., July 30, 1924, R. M. Fouts; well preserved. Unique.

*Trimorus vinctus* Fouts

*Hoplogryon similis* Fouts, 1924a, p. 160. Preoccupied.

*Trimorus vinctus* Fouts, 1948, pp. 101, 140.

Holotype female, USNM no. 26833; Ames, Iowa, Jan. 20, 1923, Philip Spong; well preserved except that left antenna is missing. One paratype (female).

*Trimorus virginiensis* (Kieffer)

*Hoplogryon tibialis* Ashmead, 1893, pp. 201, 203. Preoccupied.

*Hoplogryon virginiensis* Kieffer, 1910a, p. 98.

Holotype female, USNM no. 24523; Virginia, O. Heidemann; well preserved. Unique.

*Trimorus whittakeri* Fouts

*Trimorus whittakeri* Fouts, 1948, pp. 101, 138.

Holotype female, USNM no. 57810; Chilliwack, British Columbia, Apr. 4, 1925, O. Whittaker; well preserved. Unique.

*Trimorus xanthognathus* (Ashmead)

*Prosacantha xanthognatha* Ashmead, 1893, pp. 187, 197.

Holotype male, USNM no. 24516; Jacksonville, Fla.; right forewing missing, also left antenna after 5th segment, right after 8th. Unique.

*Trimorus xanthopus* Fouts

*Trimorus xanthopus* Fouts, 1948, pp. 100, 126.

Holotype female, USNM no. 57798; Glen Echo, Md., Sept. 29, 1917, R. M. Fouts; well preserved. Unique.

*Trisacantha americana* Ashmead

*Trisacantha americana* Ashmead, 1887a, p. 117.

Holotype male, USNM no. 2239; Jacksonville, Fla.; both antennae missing after 5th segment, abdomen mounted separately on the same card point. Unique.

*Trisacantha rugosa* Ashmead

*Trisacantha* [sic] *rugosa* Ashmead, 1893, p. 183.

Holotype male, USNM no. 24494; Arlington, Va.; antennae, abdomen, and some legs missing. Unique.

## Subfamily Telenominae

*Aradophagus fasciatus* Ashmead

*Aradophagus fasciatus* Ashmead, 1893, p. 166.

Lectotype female, USNM no. 2233; Jacksonville, Fla.; well preserved. Two female paralectotypes.

*Dissolcus nigricornis* Ashmead

*Dissolcus nigricornis* Ashmead, 1893, p. 165.

Holotype female, USNM no. 24431; Jacksonville, Fla.; well preserved except that last 2 segments of left antenna are missing. Unique.

*Eumicrosoma beneficum* Gahan

*Eumicrosoma benefica* Gahan, 1913, p. 442.

Holotype female, USNM no. 16361; Manhattan, Kans., May 20, 1913, from eggs of *Blissus leucopterus* (Say), J. W. McColloch; antennae missing. Allotype (male) and numerous paratypes (males and females), some on card points, some mounted on slides.

*Eumicrosoma bicolor* (Ashmead)

*Baeoneura bicolor* Ashmead, 1893, p. 235.

Holotype female, USNM no. 24540; Arlington, Va.; antennae and forewings missing. Unique.

*Phanuropsis semiflaviventris* Girault

*Phanuropsis semiflaviventris* Girault, 1916a, p. 198.

Lectotype female, USNM no. 20117; Port of Spain, British West Indies, December 1914, from hemipterous eggs, F. W. Urich; right forewing and both hindwings missing. Eight paralectotypes (males and females).

*Platytenomus busseolae* (Gahan)

*Telenomus (Prophanurus) busseolae* Gahan, 1922, p. 23.

Holotype female, USNM no. 24991; Cedara, Natal, Republic of South Africa, Jan. 3, 1919, from eggs of *Busseola fusca* (Hampson), C. W. Mally; well preserved. Allotype (male) and 21 paratypes (males and females).

*Telenomus abnormis* Crawford

*Telenomus abnormis* Crawford, 1911b, p. 270.

Holotype female, USNM no. 13879; Deli, Sumatra, L. P. de Bussy; well preserved. Allotype (male) and 8 paratypes (males and females).

*Telenomus alecto* (Crawford)

*Prophanurus alecto* Crawford, 1914, p. 85.

Holotype female, USNM no. 18170; Plantation "La Bonne Intention," British Guiana, Feb. 2, 1913, from eggs of *Diatraea saccharalis* (Fabricius), G. E. Bodkin; well preserved. Allotype (male) and 14 paratypes (males and females).

*Telenomus arzamae* Riley

*Telenomus arzamae* Riley in Ashmead, 1893, pp. 144, 157.

Lectotype female, USNM no. 2222; District of Columbia, June 23, 1884, from eggs of *Arzama densa* Walker; well preserved. Many paralectotypes (males and females).

*Telenomus atamiensis* Ashmead

*Telenomus atamiensis* Ashmead, 1904d, p. 72.

Lectotype male, USNM no. 7122; Atami, Japan, A. Koebele; fragmentary, only abdomen, left wings, and hindlegs remaining. The other specimen (Ashmead described the species from 2 specimens) is missing.

*Telenomus bifidus* Riley

*Telenomus bifidus* Riley, 1887, p. 531.

Lectotype female, USNM no. 1501; District of Columbia, July 27, 1886, from eggs of *Hyphantria cunea* (Drury), well preserved. Fifteen paralectotypes (males and females).

*Telenomus californicus* Ashmead

*Telenomus californicus* Ashmead, 1893, pp. 143, 150.

Lectotype female, USNM no. 2215; Los Angeles, Calif., from eggs of "Orgyia," D. W. Coquillett; well preserved. Two female paralectotypes; another specimen in the series belongs in the genus *Trissolcus*.

*Telenomus catacanthae* Ashmead

*Telenomus catacanthae* Ashmead, 1904a, p. 284.

Lectotype female, USNM no. 8108; Manila, Philippines, W. A. Stanton; right wings missing. Numerous paralectotypes (males and females) in rather poor condition.

*Telenomus catalpae* Muesebeck

*Telenomus catalpae* Muesebeck, 1935, p. 279.

Holotype female, USNM no. 50795; Takoma Park, Md., Sept. 27, 1932, from eggs of *Ceratonia catalpae* (Boisduval), J. W. Bulger; well preserved except that left antenna is missing after 8th segment. Allotype (male) and many paratypes (males and females).

*Telenomus chrysopae* Ashmead

*Telenomus chrysopae* Ashmead, 1893, pp. 145, 159.

Lectotype male, USNM no. 2225; District of Columbia, from eggs of *Chrysopa* sp.; well preserved. Three male paralectotypes.

*Telenomus clisiocampae* Riley

*Telenomus clisiocampae* Riley in Ashmead, 1893, pp. 145, 160.

Lectotype female, USNM no. 2227; Placer County, Calif., labeled "from eggs of *Clisiocampa* sp.," A. Koebele; left antenna missing after 8th segment, right after scape. One male paralectotype.

*Telenomus coelodasidis* Ashmead

*Telenomus coelodasidis* Ashmead, 1893, pp. 145, 159.

Lectotype male, USNM no. 2226; District of Columbia, Aug. 31, 1882, from eggs of *Coelodasys leptinoides* Grote, A. D. Hopkins; well preserved except that left antenna is missing after 7th segment. Described from 2 specimens; the second is missing from its card point and presumably lost.

*Telenomus coloradensis* Crawford

*Telenomus coloradensis* Crawford, 1910a, p. 206.

Holotype female, USNM no. 12781; Colorado Springs, Colo., April 22, from eggs of *Notolophus oslari* Barnes; well preserved except that right antenna is missing after 7th segment. Allotype (male) and 6 paratypes (males and females).

*Telenomus dignus* (Gahan)

*Phanurus dignus* Gahan, 1925, p. 108.

Holotype female, USNM no. 26774; Los Baños, Philippines, from eggs of *Schoenobius incertellus* Walker, A. Rowan; well preserved. Allotype (male) and 16 paratypes (males and females).

*Telenomus dimmocki* Ashmead

*Telenomus dimmocki* Ashmead, 1898b, p. 155.

Lectotype female, USNM no. 8272; Canobie Lake, N.H., from hemipterous eggs, G. Dimmock; right antenna missing after 5th segment. Six paralectotypes (1 male, 5 females), one on the same card point with the lectotype, which is indicated by a red-ink mark.

*Telenomus dolichocerus* (Ashmead)

*Teleas dolichocerus* Ashmead, 1887a, p. 100.

Holotype male, USNM no. 8263; Jacksonville, Fla.; abdomen missing, also apical segment of right antenna. Unique.

*Telenomus emersoni* (Girault)

*Phanurus emersoni* Girault, 1916a, p. 150.

Lectotype female, USNM no. 19664; Dallas, Tex., from tabanid eggs; well preserved. Fourteen paralectotypes (males and females), some on slides, 4 on the same card point with the lectotype, which is indicated by a red-ink mark.

*Telenomus euproctidis* Wilcox

*Telenomus euproctidis* Wilcox, 1920, p. 79.

Holotype female, USNM no. 23067; Japan, Dec. 15, 1910, from eggs of *Euproctis conspersa* Butler; well preserved. Allotype (male) and 4 paratypes (2 males and 2 females).

*Telenomus flavicarpus* (Gahan)

*Prophanurus flavicarpus* Gahan, 1925, p. 104

Holotype male, USNM no. 26771; Los Baños, Philippines, C. F. Baker; well preserved. Four male paratypes.

*Telenomus flavipes* (Ashmead)

*Phanurus flavipes* Ashmead, 1893, pp. 140, 141.

Holotype female, USNM no. 24429; Arlington, Va.; wings missing. Unique.

*Telenomus floridanus* (Ashmead)

*Phanurus floridanus* Ashmead, 1893, p. 140.

Holotype female, USNM no. 24430; Jacksonville, Fla.; left antenna missing after scape. Unique.

*Telenomus geometrae* Ashmead

*Telenomus geometrae* Ashmead, 1893, pp. 144, 157.

Lectotype female, USNM no. 2221; (?) District of Columbia, from eggs of geometrid on wild cherry; well preserved. Many paralectotypes (males and females).

*Telenomus gifuensis* Ashmead

*Telenomus gifuensis* Ashmead, 1904d, p. 73.

Lectotype female, USNM no. 7126; Gifu, Japan, October 1902, Y. Nawa; well preserved. Many female paralectotypes, several mounted on the same card with the lectotype, which is indicated by a red-ink mark.

*Telenomus gnophaelae* Ashmead

*Telenomus gnophaelae* Ashmead, 1893, pp. 143, 149.

Lectotype female, USNM no. 2214; Easton, Wash., Aug. 24, 1882, from eggs of *Gnophaela latipennis* Boisduval, A. Koebele; well preserved. Many paralectotypes (males and females). Ashmead erroneously cited Sisson, Calif., as the type locality; the original notes in the Department of Agriculture files show that the specimens were taken at Easton, Wash.



*Telenomus goniopis* Crawford

*Telenomus goniopis* Crawford, 1913a, p. 243.

Holotype female, USNM no. 15417; Plummers Island, Md., July 11, 1910, from eggs of *Goniops chrysocoma* (Osten Saçken), W. L. McAtee; well preserved. Allotype (male) and many paratypes (males and females).

*Telenomus gossypiicola* Ashmead

*Telenomus gossypiicola* Ashmead, 1893, pp. 144, 156.

Lectotype female, USNM no. 2220; Concordia Parish, La., from lepidopterous eggs on cotton; slightly damaged by pin. Five female paralectotypes.

*Telenomus gowdeyi* Crawford

*Telenomus gowdeyi* Crawford, 1911a, p. 441

Holotype female, USNM no. 13653; Entebbe, Uganda, from eggs of *Anaphe infracta* Walsingham, C. C. Gowdey; well preserved except that right antenna is missing after 7th segment. Allotype (male) and numerous paratypes (males and females).

*Telenomus gracilicornis* Ashmead

*Telenomus gracilicornis* Ashmead, 1893, pp. 143, 149.

Holotype female, USNM no. 8267; Ottawa, Canada, Harrington no. 249; well preserved. Unique.

*Telenomus graptae* Howard

*Telenomus graptae* Howard, 1889a, p. 1896.

The pinned specimen in the National Museum collection that is labeled "Type" is the one mentioned by Howard as having been "reared from an egg of *Polygonia interrogationis* at Washington, August 6, 1887"; but it cannot be considered the type since Howard stated definitely that he had described the species from a male and a female, both mounted in balsam (presumably on slides) and with quite different label data. These slides have not been found.

*Telenomus hakonensis* Ashmead

*Telenomus hakonensis* Ashmead, 1904d, p. 73.

Lectotype female, USNM no. 7125; Hakone, Japan, A. Koebele; right wings missing. Described from 2 female specimens but the 2d specimen is missing from the card point and is presumably lost.

*Telenomus heliothidis* Ashmead

*Telenomus heliothidis* Ashmead, 1893, pp. 144, 152.

Holotype female, USNM no. 2218; Shreveport, La., January 1891, from eggs of *Heliothis zea* (Boddie), F. W. Mally; well preserved. Unique.

*Telenomus hemerocampae* Wilcox

*Telenomus hemerocampae* Wilcox, 1920, p. 78.

Holotype female, USNM no. 23066; New Hampshire, Gipsy Moth Laboratory no. 4176E, from eggs of *Hemerocampa leucostigma* (J. E. Smith); well preserved. Allotype (male).

*Telenomus hubbardi* Ashmead

*Telenomus Hubbardi* Ashmead, 1893, pp. 143, 146.

Holotype female, USNM no. 2211; Centerville, Fla., Sept. 4, 1880, from reduviid egg, H. G. Hubbard; right wings missing. Unique.

*Telenomus ichthyurae* Ashmead

*Telenomus ichthyurae* Ashmead, 1893, pp. 144, 153.

Lectotype female, USNM no. 2219; District of Columbia, from eggs of *Ichthyura inclusa* Huebner, C. V. Riley; well preserved. Numerous paralectotypes (males and females).

*Telenomus infuscatipes* (Ashmead)

*Teleas infuscatipes* Ashmead, 1887a, p. 100.

Lectotype female, USNM no. 8269; Jacksonville, Fla.; well preserved. One female paralectotype. The original description mentions male characters also but the "type" material in the National Museum consists of 2 females.

*Telenomus javae* (Girault)

*Neotelenomus javae* Girault, 1917b, p. 8.

Lectotype female, USNM no. 20677; Salatiga, Indonesia, from eggs of "*Pseudosphinx* or *Acherontia*"; right wings missing, also left antenna after the scape and right antenna after 4th segment. Seven paralectotypes (males and females), all on the same card with the lectotype, which is indicated by a red-ink mark; all somewhat damaged.

*Telenomus koebelei* Ashmead

*Telenomus Koebelei* Ashmead, 1893, pp. 143, 147.

Lectotype female, USNM no. 2212; Alameda, Calif., A. Koebele; well preserved. Two female paralectotypes.

*Telenomus lavernae* Ashmead

*Telenomus lavernae* Ashmead, 1893, pp. 144, 158.

Lectotype female, USNM no. 2223; District of Columbia, June 21, 1884, from eggs of *Mompha luciferella* (Clemens), C. V. Riley; well preserved. Four female paralectotypes.

*Telenomus longicornis* Ashmead

*Telenomus longicornis* Ashmead, 1901a, p. 587.

Holotype male, USNM no. 5365; Saranac Inn, N.Y., July 10, 1900, J. G. Needham; well preserved. Unique.

*Telenomus maculipennis* Ashmead

*Telenomus maculipennis* Ashmead, 1893, pp. 144, 155.

Holotype female, USNM no. 8270; Jacksonville, Fla.; well preserved. Unique.

*Telenomus minimus* Ashmead

*Telenomus minimus* Ashmead, 1893, pp. 144, 152.

Holotype female, USNM no. 8268; Arlington, Va.; only thorax and left wings remaining. Unique.

*Telenomus minutissimus* Ashmead

*Telenomus minutissimus* Ashmead, 1895b, p. 220.

Lectotype female, USNM no. 2590; Trinidad, "from *Dactylopius*," F. W. Urich; well preserved. Two female paralectotypes.

*Telenomus nawai* Ashmead

*Telenomus Nawai* Ashmead, 1904d, p. 72.

Lectotype female, USNM no. 7123; Gifu, Japan, Y. Nawa; well preserved. Fourteen paralectotypes (males and females), 4 on the same card with the lectotype, which is indicated by a red-ink mark.

*Telenomus nigriscapus* Ashmead

*Telenomus nigriscapus* Ashmead, 1893, pp. 143, 147.

Lectotype female, USNM no. 2213; Agricultural College, Michigan, A. J. Cook; well preserved except that last 3 segments of right antenna are missing. One male paralectotype.

*Telenomus noctuae* Ashmead

*Telenomus noctuae* Ashmead, 1893, pp. 143, 148.

Lectotype female, USNM no. 8266; District of Columbia, June 1880, from eggs of an unknown noctuid; well preserved. Many paralectotypes (males and females), 1 on the same card with the lectotype, which is indicated by a red-ink mark.

*Telenomus opacus* (Howard)

*Thoron opacus* Howard, 1889c, p. 268.

Holotype male, USNM no. 1481; Los Angeles, Calif., July 21, 1884, "from *Icerya purchasi* Maskell," D. W. Coquillett; mounted on a slide, thorax somewhat damaged. Unique.

*Telenomus orgyiae* Fitch

*Telenomus orgyiae* Fitch, 1863, p. 679.

Lectotype female, USNM no. 1839; Albany, N.Y., from egg of *Orgyia antiqua* (Linnaeus); damaged by pin. The National Museum has only 1 specimen but apparently Fitch had more before him when he described the species.

*Telenomus ovivorus* (Ashmead)

*Phanurus ovivorus* Ashmead, 1893, p. 140.

Lectotype female, USNM no. 2210; District of Columbia, Sept. 10, 1885, from heteropterous eggs, C. V. Riley; well preserved. Three paralectotypes (1 male and 2 females).

*Telenomus pacificus* (Gahan)

*Prophanurus pacificus* Gahan, 1925, p. 105.

Holotype female, USNM no. 26772; Los Baños, Philippines, from eggs of hemipteron on rice, A Rowan; well preserved. Three female paralectotypes.

*Telenomus pamphilae* Ashmead

*Telenomus pamphilae* Ashmead, 1899, p. 182.

Holotype female, USNM no. 8271; Ottawa, Canada, from egg of *Euphyes vestris metacomet* (Harris), J. Fletcher; well preserved. Unique.

*Telenomus perplexus* Girault

*Telenomus perplexus* Girault, 1906, p. 65.

Lectotype female, USNM no. 9039; Zanesville, Ohio, from eggs of *Brochymena* sp. on currant; thorax somewhat damaged. Two paralectotypes (male and female).

*Telenomus persimilis* Ashmead

*Telenomus persimilis* Ashmead, 1893, pp. 143, 150.

Type lost; type locality, Arlington, Va. Specimens from Agricultural College, Michigan, mentioned by Ashmead as being the same, are in the National Museum; they have been used as a basis for identification of this species.

*Telenomus podisi* Ashmead

*Telenomus podisi* Ashmead, 1893, pp. 144, 158.

Lectotype female, USNM no. 2224; St. Louis, Mo., June 9, 1879, from eggs of *Podisus maculiventris* (Say); well preserved. Two female paralectotypes on same card with lectotype, which is circled in red ink.

*Telenomus poeta* Girault

*Telenomus poeta* Girault, 1920, p. 178.

Lectotype female, USNM no. 20604; central Japan, from eggs of *Dictploca japonica* (Moore); well preserved. Two female paralectotypes, on the same card point with the lectotype, which is the middle specimen and is indicated by a red-ink mark.

*Telenomus promachivorus* (Gahan)

*Phanurus promachivorus* Gahan, 1924, p. 21.

Holotype female, USNM no. 26184; Koiwai, Japan, Sept. 1, 1921, from eggs of *Promachus yesonicus* Bigot, C.P. Clausen; well preserved. Allotype (male) and 13 paratypes (males and females).

*Telenomus pusillus* Ashmead

*Telenomus pusillus* Ashmead, 1893, pp. 143, 146.

Holotype female, USNM no. 8264; Arlington, Va.; left antenna missing after scape, right after 8th segment. Unique.

*Telenomus quaintancei* Girault

*Telenomus quaintancei* Girault, 1906, p. 63.

Lectotype female, USNM no. 9098; Odenton, Md., September 1905, from eggs of *Sanninoidea exitiosa* (Say), A. A. Girault; abdomen off but mounted separately on the card point. Two paralectotypes (male and female); another female which was included in the type series is not conspecific with the lectotype.

*Telenomus rileyi* Howard

*Telenomus rileyi* Howard, 1889a, p. 1896.

Type lost. The species was originally described from 3 males reared from *Asterocampa clyton* (Boisduval and Leconte) in Missouri. The specimens in the National Museum that are labeled "Type" consist of 2 females reared from the same host, Fairbury, Ill., March 1884. The original specimens have not been found.

*Telenomus rowani* (Gahan)

*Phanurus rowani* Gahan, 1925, p. 106.

Holotype female, USNM no. 26773; Los Baños, Philippines, from eggs of *Schoenobius incertellus* Walker, A. Rowan; well preserved. Allotype (male) and many paratypes (males and females).

*Telenomus sphingis* (Ashmead)

*Teleas sphingis* Ashmead, 1887d, p. 18.

Lectotype female, USNM no. 2848; Jacksonville, Fla., from eggs of *Manduca sexta* (Johannson); well preserved. Fifteen paralectotypes (males and females).

*Telenomus spilosomatis* Ashmead

*Telenomus spilosomatis* Ashmead, 1893, pp. 144, 151.

Lectotype female, USNM no. 2217; District of Columbia, from eggs of *Diacrisia virginica* (Fabricius); well preserved. Many paralectotypes (males and females).

*Telenomus tabanocida* Crawford

*Telenomus tabanocida* Crawford, 1913b, p. 344.

Holotype female, USNM no. 16036; St. Joseph River, Trinidad, January 1912, from tabanid eggs, F. W. Urich; well preserved. Allotype (male) and many paratypes (males and females).

*Telenomus tabanivorus* (Ashmead)

*Phanurus tabanivorus* Ashmead, 1895a, p. 274.

Lectotype female, USNM no. 24428; Havana, Ill., Illinois State Lab. Nat. Hist. no. 13016, from eggs of *Tabanus atratus* Fabricius; well preserved. Seven paralectotypes (males and females).

*Telenomus thais* (Crawford)

*Prophanurus thais* Crawford, 1914, p. 86.

Holotype female, USNM no. 18171; Georgetown, British Guiana, July 7, 1912, from pentatomid eggs, G. E. Bodkin; well preserved. Allotype (male) and 13 paratypes (males and females).

*Trissolcus aloysiisabaudiae* (Fouts)

*Microphanurus Aloysii-Sabaudiae* Fouts, 1930, pp. 118, 119.

Holotype female, USNM no. 67846; Villaggio Duca degli Abruzzi, Somalia Republic, from eggs of *Nezara* sp.; well preserved except that apical segment of right antenna is missing, left antenna mounted on a slide. Allotype (male).

*Trissolcus ashmeadi* (Morrill)

*Telenomus ashmeadi* Morrill, 1907, p. 419.

Lectotype female, USNM no. 10364; Barstow, Tex., Sept. 12, 1905, from eggs of *Pitedia ligata* (Say), A. W. Morrill; well preserved. Nine paralectotypes (males and females).

*Trissolcus banksi* (Gahan), new combination

*Aphanurus banksi* Gahan, 1920, p. 349.

Holotype female, USNM no. 22346; Los Baños, Philippines, July 15, 1918, from eggs of *Tectocoris lineola* (Fabricius), C. S. Banks; well preserved except that left antenna is missing after 7th segment. Allotype (male) and 4 paratypes (males and females).

*Trissolcus bodkini* (Crawford), new combination

*Aphanurus bodkini* Crawford, 1914, p. 87.

Holotype female, USNM no. 18174; British Guiana, Oct. 9, 1913, from eggs of *Dinocoris variolosus* (Linnaeus), G. E. Bodkin; well preserved. Allotype (male) and 18 female paratypes.

*Trissolcus brochymenae* (Ashmead)

*Telenomus Crochymenae* [sic] Ashmead, 1881b, p. 193.

Lectotype female, USNM no. 2855; Jacksonville, Fla.; well preserved. Eight paralectotypes (males and females).

*Trissolcus colemani* (Crawford), new combination

*Telenomus colemani* Crawford, 1912, p. 2.

Holotype female, USNM no. 14339; Hunsmanalli, Mysore, India, Feb. 6, 1909, from eggs of *Dolycoris indicus* Stål, L. C. Coleman; well preserved. Allotype (male) and 4 female paratypes.

*Trissolcus comperei* (Crawford), new combination

*Telenomus comperei* Crawford, 1912, p. 1.

Holotype female, USNM no. 14338; Canton, China, from eggs of unknown hemipteron, G. Compere; well preserved. Allotype (male) and 4 female paratypes.

*Trissolcus cosmopeplae* (Gahan)

*Telenomus cosmopeplae* Gahan, 1926, p. 67.

Holotype female, USNM no. 28990; Urbana, Ill., Aug. 8, 1925, from eggs of *Cosmopepla bimaculata* (Thomas), W. V. Balduf; well preserved. Allotype (male) and 10 paratypes (males and females).

*Trissolcus edessae* Fouts

*Trissolcus edessae* Fouts, 1920, p. 65.

Holotype female, USNM no. 22797; New Orleans, La., July 23, 1919, from eggs of *Edessa bifida* (Say), C. E. Smith; well preserved. Five female paratypes.

*Trissolcus japonicus* (Ashmead), new combination

*Dissolcus japonicus* Ashmead, 1904d, p. 73.

Holotype female, USNM no. 2127; Hakone, Japan, A. Koebele; well preserved. Unique.



*Trissolcus latisulcus* (Crawford), new combination

*Telenomus latisulcus* Crawford, 1913a, p. 244.

Holotype female, USNM no. 15104; Taihoku, Formosa, June 1911, from eggs of *Biprorulus bibax* Breddin, T. Shiraki; right forewing missing, also left antenna after 4th segment. Four female paratypes.

*Trissolcus mesillae* (Cockerell)

*Hadronotus mesillae* Cockerell, 1897, p. 25.

Holotype male, USNM no. 3695; Las Cruces, N. Mex., T. D. A. Cockerell; both antennae missing after 7th segment, wings somewhat crumpled. Unique.

*Trissolcus mitsukurii* (Ashmead), new combination

*Telenomus mitsukurii* Ashmead, 1904d, p. 72.

Lectotype female, USNM no. 7124; Atami, Japan, A. Koebele; intact but poorly mounted, much of dorsum not visible. Three female paralectotypes.

*Trissolcus murgantiae* Ashmead

*Trissolcus murgantiae* Ashmead, 1893, pp. 162, 163.

Lectotype female, USNM no. 2231; Baton Rouge, La., from eggs of *Murgantia histrionica* Hahn; well preserved. Six paralectotypes (males and females).

*Trissolcus podisi* Ashmead

*Trissolcus podisi* Ashmead, 1893, pp. 161, 162.

Lectotype female, USNM no. 2229; Philadelphia, Pa., from eggs of *Podisus maculiventris* (Say); well preserved. Three female paralectotypes.

*Trissolcus rufiscapus* Ashmead

*Trissolcus rufiscapus* Ashmead, 1893, pp. 162, 163.

Holotype female, USNM no. 2232; District of Columbia, Apr. 12, 1885; well preserved. Unique.

*Trissolcus tetartus* (Crawford), new combination

*Dissolcus tetartus* Crawford, 1911b, p. 270.

Holotype female, USNM no. 13880; Deli, Sumatra, L. P. de Bussy; well preserved. Fourteen female paratypes.

*Trissolcus thyantae* Ashmead

*Trissolcus thyantae* Ashmead, 1893, pp. 162, 163.

Lectotype female, USNM no. 2230; Selma, Ala., September 1880, from eggs of *Thyanta* sp.; left antenna missing after 7th segment, wings somewhat matted with adhesive. Two female paralectotypes, 1 on the same pin with the lectotype, which is the upper specimen and is indicated by a red-ink line.

*Trissolcus trinadadensis* Crawford

*Trissolcus trinadadensis* Crawford, 1913b, p. 344.

Holotype female, USNM no. 16035; St. Augustine, Trinidad, May 1912, from eggs of *Sphyrocoris obliquus* (Germar) on cotton, F. W. Urich; well preserved. Allotype (male) and 7 female paratypes.

*Trissolcus urichi* Crawford

*Trissolcus urichi* Crawford, 1913b, p. 343.

Holotype female, USNM no. 16034; Port of Spain, Trinidad, January 1912, from hemipterous eggs, F. W. Urich; well preserved. Allotype (male) and 17 paratypes (males and females).

*Trissolcus utahensis* (Ashmead)

*Telenomus utahensis* (Ashmead), 1893, pp. 143, 148.

Lectotype female, USNM no. 8265; Wasatch, Utah, June 27, 1891, E. A. Schwarz; broken, the parts mostly mounted separately on the card point. One male paralectotype.

## Family Platygasteridae

## Subfamily Inostemminae

*Allotropa ashmeadi* Muesebeck

*Iphetrachelus* [sic] *americanus* Ashmead, 1893, p. 250. Preoccupied.

*Allotropa ashmeadi* Muesebeck, 1939, p. 159.

Holotype male, USNM no. 24549; Arlington, Va.; well preserved. Unique.

*Allotropa burrelli* Muesebeck

*Allotropa burrelli* Muesebeck, 1942, p. 170.

Holotype female, USNM no. 56441; Batesville, Va., Aug. 12, 1940, from *Pseudococcus comstocki* (Kuwana), G. J. Haeussler; well preserved. Numerous paratypes (males and females).

*Allotropa citri* Muesebeck

*Allotropa citri* Muesebeck, 1954, p. 18.

Holotype male, USNM no. 62212; South China, from *Planococcus citri* (Risso); well preserved. Numerous paratypes (males and females). Actually the type series was bred in propagation laboratories in California from stock received from South China.

*Allotropa convexifrons* Muesebeck

*Allotropa convexifrons* Muesebeck, 1942, p. 171.

Holotype female, USNM no. 56442; North Bergen, N.J., November 1938, from *Pseudococcus comstocki* (Kuwana), G. Rau; well preserved. Eighteen paratypes (males and females).

*Allotropa japonica* Ashmead

*Allotropa japonica* Ashmead, 1904d, p. 74.

Lectotype female, USNM no. 7130; Japan, A. Koebele; well preserved. One male paralectotype.

*Allotropa loundsburyi* Ashmead

*Allotropa loundsburyi* Ashmead, 1901b, p. 138.

Lectotype female, USNM no. 5727; Cape Colony, South Africa, Oct. 22, 1898, C. P. Loundsbury; well preserved. Many paralectotypes (males and females) on slides; several on same slide with lectotype, which is circled in red ink.

*Allotropa merrilli* Muesebeck

*Allotropa merrilli* Muesebeck, 1954, p. 20.

Holotype male, USNM no. 62214; Melrose, Fla., May 21, 1943, from *Trionymus* sp. on bald cypress, G. B. Merrill; well preserved. Seven paratypes (males and females).

*Allotropa scutellata* Muesebeck

*Allotropa scutellata* Muesebeck, 1954, p. 19.

Holotype male, USNM no. 62213; Sao Paulo, Brazil, 1945, from *Pseudococcus* sp. on *Moquiela tomentosa*, H. L. Parker and P. A. Berry; well preserved. Many paratypes (males and females).

*Allotropa thompsoni* Fullaway

*Allotropa thompsoni* Fullaway, 1913, p. 284.

Holotype female, USNM no. 26187; Island of Guam, D. T. Fullaway; only head and antennae remaining. Unique.

*Allotropa utilis* Muesebeck

*Allotropa utilis* Muesebeck, 1939b, p. 158.

Holotype female, USNM no. 53068; Berwick, Nova Scotia, June 28, 1934, from *Pseudococcus aceris* (Signoret), F. C. Gilliat; well preserved. Many paratypes (males and females).

*Fidiobia flavipes* Ashmead

*Fidiobia flavipes* Ashmead, 1894, p. 171.

Lectotype female (selected by Fouts, 1924, p. 7), USNM no. 1449; Euclid, Ohio, July 1894, from eggs of *Fidia viticida* Walsh. F. M. Webster; well preserved. Two female paralectotypes.

*Fidiobia rugosifrons* Crawford

*Fidiobia rugosifrons* Crawford, 1916, p. 141.

Holotype female, USNM no. 20786; Montoursville, Pa., Apr. 17, 1916, P. R. Myers; well preserved, right antenna mounted on a slide. Allotype (male).

*Inostemma americanum* (Ashmead)

*Allotropa americana* Ashmead, 1887b, p. 125.

Holotype female, USNM no. 24550; Jacksonville, Fla.; well preserved. Unique.

*Inostemma belonocnemae* (Ashmead)

*Metaclisis belonocnemae* Ashmead, 1887b, p. 125.

Holotype female, USNM no. 24551; Jacksonville, Fla., from gall of *Belonocnema treatae* Mayr; well preserved. Unique.

*Inostemma californicum* Ashmead

*Inostemma californica* Ashmead, 1893, pp. 257, 259.

Lectotype female, USNM no. 2265; Los Angeles County, Calif., from cecidomyiid gall on *Thelypodium integrifolium*, A. Koebele; well preserved. Twelve paralectotypes (males and females).

*Inostemma caryae* (Ashmead)

*Acerota caryae* Ashmead, 1887b, p. 128.

Lectotype female, USNM no. 2859; Jacksonville, Fla.; well preserved. Five additional female specimens in the type series, none of which is conspecific with the lectotype.

*Inostemma cecidomyiae* (Ashmead)

*Acerota cecidomyiae* Ashmead, 1893, pp. 260, 261.

Lectotype male, USNM no. 2266; Lancaster, Calif., from cecidomyiid gall on *Ephedra californica*, A. Koebele; well preserved. Two male paralectotypes.

*Inostemma cressoni* Ashmead

*Inostemma Cressoni* Ashmead, 1887b, p. 127.

Lectotype female, USNM no. 24556; Jacksonville, Fla.; well preserved. Two female specimens in Ashmead's type material, but the second specimen is not conspecific with the lectotype.

*Inostemma horni* Ashmead

*Inostemma Horni* Ashmead, 1887b, p. 126.

Lectotype female, USNM no. 2857; Jacksonville, Fla.; well preserved except that left antenna is missing. Fourteen paralectotypes (males and females).

*Inostemma leguminicolae* Fouts

*Inostemma leguminicolae* Fouts, 1923, p. 64.

Holotype female, USNM no. 25265; Ithaca, N.Y., Sept. 17, 1920, from *Dasineura leguminicola* (Lintner), L. P. Wehrle; well preserved. One female paratype.

*Inostemma leonardi* (Fouts)

*Acerota leonardi* Fouts, 1925b, p. 147.

Holotype male, USNM no. 67848; McLean Bogs, N.Y., May 16, 1925, M. D. Leonard; right antenna missing after 6th segment, left after scape. Unique.

*Inostemma lintneri* Ashmead

*Inostemma Lintneri* Ashmead, 1893, pp. 257, 259.

Holotype female, USNM no. 24559; District of Columbia, April 24; left antenna missing after 7th segment, right after 5th. Unique.

*Inostemma melanostropha* (Ashmead)

*Monocrita melanostropha* Ashmead, 1887b, p. 126.

Lectotype male (not female as stated in description), USNM no. 24560; Jacksonville, Fla.; well preserved except that apical segment of right antenna is missing. The other 2 specimens, both males, included in the type material are not conspecific with the lectotype.

*Inostemma packardi* Ashmead

*Inostemma Packardi* Ashmead, 1887b, p. 127.

Holotype female, USNM no. 24558; Jacksonville, Fla.; well preserved except that last 3 segments of left antenna are missing and last 2 of right antenna. Unique.

*Inostemma rileyi* Ashmead

*Inostemma Rileyi* Ashmead, 1887b, p. 127.

Lectotype female, USNM no. 2858; Jacksonville, Fla.; well preserved. Eight paralectotypes (males and females), one on the same card point with the lectotype, which is circled in red ink.

*Isostasius fuscipennis* Ashmead

*Isostasius fuscipennis* Ashmead, 1893, p. 255.

Holotype female, USNM no. 2264; District of Columbia, E. A. Schwarz; well preserved. Unique.

*Isostasius musculus* Ashmead

*Isostasius musculus* Ashmead, 1887b, p. 126.

Holotype female, USNM no. 24555; Jacksonville, Fla.; right antenna missing except for the 3 apical segments which are embedded in the mountant. Unique.

*Metaclisis carinata* (Ashmead)

*Monocrita carinata* Ashmead, 1893, pp. 253, 254.

Holotype male (described as a female), USNM no. 24554; District of Columbia, May 5, 1890, E. A. Schwarz; well preserved. Unique.

*Metaclisis floridana* (Ashmead)

*Acerota floridana* Ashmead, 1887b, p. 128.

Holotype female, USNM no. 2860; Jacksonville, Fla.; left antenna missing, right missing after 6th segment, wings torn off apically. Unique.

*Tetrabaesus krombeini* (Muesebeck)

*Crabroborus krombeini* Muesebeck, 1963, p. 392.

Holotype female, USNM no. 66599; Plummers Island, Md., Sept. 18, 1962, from *Ectemnius paucimaculatus* (Packard), K. V. Krombein; well preserved. Allotype (male) and many paratypes (males and females).

## Subfamily Platygasterinae

*Amblyaspis californica* Ashmead

*Amblyaspis californicus* Ashmead, 1893, pp. 267, 268.

Lectotype female (selected by Fouts, 1924b, p. 5) USNM no. 2267; Marin County, Calif., August, A. Koebele; both antennae missing after 6th segment, gaster missing. Allolectotype (male).

*Amblyaspis occidentalis* Ashmead

*Amblyaspis occidentalis* Ashmead, 1893, p. 267.

Holotype female, USNM no. 25425; Riley County, Kan.; only abdomen remaining. Unique.

*Amblyaspis petiolata* Ashmead

*Amblyaspis petiolatus* Ashmead, 1893, pp. 267, 268.

Lectotype female, USNM no. 25426; Jacksonville, Fla.; complete but rather badly embedded in the mountant. Both male and female were described, but only a single female has been found.

*Amitus mellicornis* (Ashmead)

*Anaphes mellicornis* Ashmead, 1887c, p. 194.

Holotype female, USNM no. 27152; Jacksonville, Fla.; mounted on a slide, complete but somewhat broken. Unique.

*Coelopelta mirabilis* Ashmead

*Coelopelta mirabilis* Ashmead, 1893, p. 290.

Holotype male, USNM no. 2276; St. Vincent, West Indies, H. H. Smith; complete but some parts covered with the mountant. Unique.

*Eritrissomerus cecidomyiae* Ashmead

*Eritrissomerus cecidomyiae* Ashmead, 1893, p. 299.

Lectotype female (selected by Fouts, 1924b, p. 21), USNM no. 2280; Jacksonville, Fla., from a cecidomyiid gall on hickory; well preserved. Allolectotype and 1 male paralectotype.

*Eritrissomerus floridanus* (Ashmead)

*Polygnotus floridanus* Ashmead, 1893, pp. 304, 318.

Holotype female (described as a male), USNM no. 25431; Jacksonville, Fla.; well preserved. Unique.

*Eritrissomerus parvus* Fouts

*Eritrissomerus parvus* Fouts, 1924b, pp. 19, 22.

Holotype female, USNM no. 25430; Cabin John, Md., June 3, 1917, R. M. Fouts; well preserved except that right antenna is missing after 8th segment.

*Euxestonotus brevicornis* Fouts

*Euxestonotus brevicornis* Fouts, 1925a, p. 99.

Holotype female, USNM no. 69173; Glen Echo, Md., 1923, R. M. Fouts; well preserved. One female paratype.

*Euxestonotus error* (Fitch)

*Platygaster error* Fitch, 1861, p. 838.

Lectotype female (selected by Fouts, 1924b, p. 61), USNM no. 1840; New York State; well preserved. Five female paralectotypes in very poor condition.

*Euxestonotus flavipes* Fouts

*Euxestonotus flavipes* Fouts, 1925a, p. 99.

Holotype female, USNM no. 69172; Glen Echo, Md., July 15, 1917, R. M. Fouts; well preserved. One female paratype.



*Euxestonotus rufidens* Fouts

*Euxestonotus rufidens* Fouts, 1925a, p. 99.

Lectotype male, USNM no. 69174; Carlisle, Pa., July 30, 1920, R. M. Fouts; head missing. One male paralectotype (abdomen missing).

*Isocybus nigriclavus* Ashmead

*Isocybus nigriclavus* Ashmead, 1890, p. 10.

Lectotype female, USNM no. 2306; Greeley, Colo.; well preserved. Four female paralectotypes.

*Leptacis aliena* Fouts

*Leptacis aliena* Fouts, 1927, p. 176.

Lectotype female, USNM no. 69175; Glen Echo, Md., Aug. 8, 1926, R. M. Fouts; well preserved except that left antenna is missing. Five male paralectotypes.

*Leptacis americana* (Ashmead)

*Amblyaspis Americana* Ashmead, 1887b, p. 129.

Holotype female, USNM no. 25454; Jacksonville, Fla.; wings matted together, both antennae mounted on a slide. Unique.

*Leptacis andriciphila* (Ashmead)

*Xestonotus andriciphilus* Ashmead, 1887b, p. 128.

Holotype female lost. Reported as lost by Fouts, 1924b, p. 108. Unique.

*Leptacis gahani* Fouts

*Leptacis gahani* Fouts, 1924b, pp. 117, 123.

Holotype female, USNM no. 25456; Glen Echo, Md., July 15, 1919, R. M. Fouts; well preserved, right antenna mounted on a slide. Allotype (male) and 2 male paratypes.

*Leptacis japonica* (Ashmead), new combination

*Amblyaspis japonica* Ashmead, 1904d, p. 74.

Holotype female, USNM no. 7131; Atami, Japan, A. Koebele; well preserved. Unique.

*Leptacis longipes* (Ashmead)

*Amblyaspis longipes* Ashmead, 1887b, p. 128.

Holotype male, USNM no. 25457; Jacksonville, Fla.; well preserved, right antenna on a slide. Unique.

*Leptacis longispina* Fouts

*Leptacis longispina* Fouts, 1927, p. 175.

Lectotype female, USNM no. 69176; Glen Echo, Md., Aug. 1, 1926, R. M. Fouts; well preserved except that right antenna is missing.

*Leptacis minuta* (Ashmead)

*Amblyaspis minutus* Ashmead, 1893, pp. 267, 269.

Lectotype female (selected by Fouts, 1924b, p. 120), USNM no. 2268; St. Louis, Mo., July 10, 1870, from cecidomyiid on squash, C. V. Riley; well preserved, right antenna on a slide. Seven paralectotypes (males and females).

*Leptacis obscuricornis* Fouts

*Leptacis obscuricornis* Fouts, 1924a, p. 161.

Holotype female, USNM no. 26834; Ames, Iowa, Nov. 25, 1922, Phillip Spong; well preserved except that right antenna is missing.

*Leptacis pallipes* Fouts

*Leptacis pallipes* Fouts, 1924b, pp. 117, 121.

Holotype female, USNM no. 25453; District of Columbia, Aug. 6, 1917, on catalpa, R. M. Fouts; well preserved.

*Leptacis puncticeps* Ashmead

*Leptacis puncticeps* Ashmead, 1893, pp. 271, 275.

Holotype male, USNM no. 25470; Jacksonville, Fla.; well preserved, right antenna on a slide. Unique. Ashmead refers to "Types," but only 1 specimen with his name label has been found.

*Leptacis rugiceps* (Ashmead)

*Amblyaspis rugiceps* Ashmead, 1893, pp. 267, 269.

Lectotype male (selected by Fouts, 1924b, p. 122), USNM no. 25455; District of Columbia, June 23; well preserved, left antenna on a slide. Both sexes described by Ashmead, but only the male has been found; it was treated as the type by Fouts.

*Metanopedias arizonensis* (Ashmead)

*Trichasis* [sic] *arizonensis* Ashmead, 1893, pp. 295, 296.

Lectotype female (selected by Fouts, 1924b, p. 17), USNM no. 2279; Mt. Graham, Ariz., July 20, 1882, from cecidomyiid gall on wild sunflower, H. K. Morrison; well preserved. Two female paralectotypes.

*Metanopedias britannicus* Jackson

*Metanopedias britannicus* Jackson, 1966, pp. 734, 735.

Holotype female, USNM no. 68968; Dipton, County Durham, England, June 1958, D. L. Jackson; well preserved, right antenna and foreleg on a slide. Unique.

*Metanopedias brunneipes* (Ashmead)

*Trichacis brunneipes* Ashmead, 1887b, p. 131.

Holotype female, USNM no. 25428; Jacksonville, Fla.; head missing, thorax damaged. Unique.

*Metanopedias rubicola* (Ashmead)

*Trichasis* [sic] *rubicola* Ashmead, 1893, pp. 295, 296.

Lectotype female (selected by Fouts, 1924b, p. 16), USNM no. 2278; Cadet, Mo., June 28, 1883, from cecidomyiid stem gall on blackberry, C. V. Riley; well preserved except that left antenna lacks last 3 segments. Allolectotype (male) and 6 paralectotypes (males and females).

*Piestopleura platygaster* (Fouts), new combination

*Leptacis platygaster* Fouts, 1925a, p. 100.

Holotype female, USNM no. 67842; District of Columbia, Sept. 24, 1923, R. M. Fouts; well preserved. Unique.

*Platygaster actinomeridis* (Ashmead)

*Polygnotus actinomeridis* Ashmead, 1893, pp. 302, 317.

Lectotype female (selected by Fouts, 1924b, p. 75), USNM no. 2297; District of Columbia, Apr. 23, 1884, from cecidomyiid gall on *Actinomeris squarrosa*; well preserved. Allolectotype (male) and 1 male paralectotype.

*Platygaster affinis* Fouts

*Platygaster affinis* Fouts, 1925a, p. 94

Holotype female, USNM no. 67832; Brownwood, Tex., June 10, 1924, R. M. Fouts; well preserved. Unique.

*Platygaster alnicola* (Ashmead)

*Polymecus alnicola* Ashmead, 1893, pp. 278, 283.

Lectotype female, USNM no. 24602; District of Columbia, May 1, 1884, from *Dasineura serrulatae* (Osten Sacken) on alder; well preserved. One male paralectotype.

*Platygaster americana* (Ashmead)

*Epimeces Americanus* Ashmead, 1887b, p. 129

Lectotype female (selected by Fouts, 1924b, p. 32), USNM no. 24594; Jacksonville, Fla.; wings and some of legs missing, head mounted separately on the card point. Two other specimens in the type series are not conspecific with the lectotype.

*Platygaster angulata* (Ashmead)

*Polygnotus angulatus* Ashmead, 1893, pp. 304, 319.

Lectotype female (selected by Fouts, 1924b, p. 67, and incorrectly recorded by him as a male), USNM no. 25439; Jacksonville, Fla.; well preserved. Two female paralectotypes.

*Platygaster antennariae* (Ashmead)

*Synopeas antennariae* Ashmead, 1893, pp. 286, 288.

Lectotype male (selected by Fouts, 1924b, p. 99), USNM no. 2274; Milwaukee, Wis., June 1, 1888, from *Asphondylia antennariae* Wheeler; well preserved. Allolectotype (female) and 23 paralectotypes (males and females).

*Platygaster anura* Fouts

*Platygaster anura* Fouts, 1925a, p. 94.

Lectotype female, USNM no. 69167; Brownwood, Tex., May 1, 1924, R. M. Fouts; well preserved. Three paralectotypes (2 males and 1 female).

*Platygaster aphidis* (Ashmead)

*Platygaster aphidis* Ashmead, 1893, pp. 323, 325.

Holotype male, USNM no. 2305; Richfield Springs, N.Y., Feb. 9, 1887; head missing. Unique.

*Platygaster artemisiae* (Ashmead)

*Polygnotus artemisiae* Ashmead, 1893, pp. 301, 309.

Lectotype female (selected by Fouts, 1924b, p. 76), USNM no. 2286; Lancaster, Calif., Dec. 6, 1887, from cecidomyiid gall on *Artemisia californica*, A. Koebele; well preserved. Allolectotype (male) and 19 paralectotypes (males and females).

*Platygaster astericola* (Ashmead)

*Polygotus astericola* Ashmead, 1893, pp. 302, 320.

Lectotype male (selected by Fouts, 1924b, p. 103), USNM no. 2300 Holderness, N.H., May 21, 1884, from cecidomyiid gall on aster, A. Koebele; well preserved. Allolectotype (female) and 3 female paralectotypes.

*Platygaster asynaptae* (Ashmead)

*Polygotus asynaptae* Ashmead, 1893, pp. 302, 315.

Lectotype female (selected by Fouts, 1924b, p. 81), USNM no. 2295; Maywood, Ill., Feb. 4, 1890, from *Asynapta* sp. on willow, O. S. Westcott; both antennae missing beyond scapes. Allolectotype (male) and 15 paralectotypes (males and females).

*Platygaster atrae* Fouts

*Platygaster atrae* Fouts, 1924b, p. 87.

Holotype female, USNM no. 25441; Fort Grand, Ariz., from gall of *Procecidochares atra* (Loew), H. K. Morrison; well preserved except that right antenna is missing after 6th segment. Allotype (male).

*Platygaster atriplicis* (Ashmead)

*Polygotus atriplicis* (Ashmead), 1893, pp. 304-308.

Lectotype male (selected by Fouts, 1924b, p. 80), USNM no. 2285; Los Angeles County, Calif., from a cecidomyiid gall on *Atriplex canescens*, A. Koebele; head damaged, antennae missing. Allolectotype (female) and 7 paralectotypes (males and females).

*Platygaster baccharicola* (Ashmead)

*Polygotus baccharicola* Ashmead, 1887b, p. 132.

Lectotype male (selected by Fouts, 1924b, p. 97), USNM no. 2863; Jacksonville, Fla., from a cecidomyiid on *Baccharis*; well preserved. Allolectotype (female) and 6 paralectotypes (males and females).

*Platygaster burkei* (Rohwer)

*Polygotus burkei* Rohwer, 1917, p. 170.

Holotype female, USNM no. 19638; Placerville, Calif., from a cecidomyiid on *Pinus ponderosa*, H. E. Burke; last 3 segments of both antennae missing. Allotype (male) and 6 female paratypes.

*Platygaster californica* (Ashmead)

*Polygnotus californicus* Ashmead, 1893, pp. 302, 321.

Lectotype female (selected by Fouts, 1924b, p. 65), USNM no. 2302; Alameda, Calif., Dec. 17, 1885, from cecidomyiid galls on *Baccharis pilularis*, A. Koebele, well preserved. Allolectotype (male) and 11 paralectotypes (males and females).

*Platygaster caryae* Ashmead

*Platygaster caryae* Ashmead, 1893, p. 323.

Lectotype female (selected by Fouts, 1924b, p. 38), USNM no. 2303; District of Columbia, May 8, 1884, from cecidomyiid galls on hickory; well preserved. Allolectotype (male) and many paralectotypes (males and females).

*Platygaster coloradensis* (Ashmead)

*Polygnotus coloradensis* Ashmead, 1893, pp. 302, 320.

Lectotype female (selected by Fouts, 1924b, p. 64), USNM no. 2301; Fort Garland, Colo., June 25, 1883, from cecidomyiid gall on sage bush, L. Bruner; well preserved. Allolectotype (male) and 3 paralectotypes (2 females and 1 male).

*Platygaster columbiana* Fouts

*Polygnotus alnicola* Ashmead, 1893, pp. 304, 310. Preoccupied.

*Platygaster columbiana* Fouts, 1924b, p. 95.

Lectotype female (selected by Fouts, 1924b, p. 96), USNM no. 2287; District of Columbia, July 31, 1886, from a cecidomyiid in flower buds of elder (not alder, as stated in description); well preserved. Allolectotype (male) and 2 female paralectotypes.

*Platygaster compressiventris* (Ashmead)

*Polymecus compressiventris* Ashmead, 1893, pp. 278, 282.

Holotype female, USNM no. 24604; District of Columbia, June 9, E. A. Schwarz; antennae and forewings missing. Unique.

*Platygaster confusa* Fouts

*Ectadius pallipes* Ashmead, 1890, p. 9. Preoccupied.

*Platygaster confusa* Fouts, 1924b, pp. 26, 44.

Lectotype female, USNM no. 2122; Greeley, Colo., H. F. Wickham; well preserved. Four paralectotypes (3 females and 1 male).

*Platygaster cynipicola* (Ashmead)

*Polygnotus cynipicola* Ashmead, 1893, pp. 302, 314.

Lectotype female (selected by Fouts, 1924b, p. 74), USNM no. 2292; Arlington, Va., July 3, 1883, from gall of *Neuroterus quercusbatatus* (Fitch); well preserved. Four female paralectotypes. Ashmead mentions characters of the male, but there is no male in the type series.

*Platygaster diplosidis* (Ashmead)

*Polygnotus diplosidis* Ashmead, 1893, pp. 300, 306.

Lectotype female (selected by Fouts, 1924b, p. 59), USNM no. 2282; New Brunswick, N.J., Feb. 12, 1891, from *Diplosis* sp. on pine, J. B. Smith; well preserved. Three female paralectotypes.

*Platygaster distincta* Fouts

*Platygaster distincta* Fouts, 1926, p. 176.

Holotype male, USNM no. 28872; San Francisco, Calif., from *Thecodiplosis* sp., E. Walther; well preserved. Two male paratypes.

*Platygaster errans* Fouts

*Platygaster errans* Fouts, 1924b, pp. 29, 93.

Holotype female, USNM no. 24612; Jacksonville, Fla.; well preserved. Six female paratypes.

*Platygaster erythropus* (Ashmead)

*Metaclisis erythropus* Ashmead, 1888b, p. 51.

Holotype male (described as a female), USNM no. 24552; Ottawa, Canada, Harrington no. 101; well preserved. Unique.

*Platygaster eurotiae* (Ashmead)

*Polygnotus eurotiae* Ashmead, 1893, pp. 302, 315.

Lectotype female (selected by Fouts, 1924b, p. 87), USNM no. 2293; San Bernardino County, Calif., Apr. 17, 1887, from a cecidomyiid gall on *Eurotia canata*, A. Koebele; well preserved. One female paralectotype.

*Platygaster euurae* (Ashmead)

*Polygnotus euurae* Ashmead, 1893, pp. 304, 318.

Lectotype male, USNM no. 2299; St. Louis, Mo., Feb. 24, 1872, from gall of *Euura salicisnodus* (Dalla Torre), C. V. Riley; well preserved. One male paralectotype on same pin with lectotype, which is indicated by a red-ink mark.

*Platygaster exiguae* Fouts

*Platygaster exiguae* Fouts, 1925, p. 175.

Holotype female, USNM no. 28778; Oxford, Colo., June 13, 1921, from a gall of "*Rhabdophaga coloradensis* Felt" on *Salix exigua*; well preserved. One female paratype.

*Platygaster feltii* Fouts

*Platygaster feltii* Fouts, 1920, p. 70.

Holotype female, USNM no. 22800; Austin, Tex., Mar. 19, 1919, from *Walshomyia texana* Felt on cedar, E. P. Felt; head missing. Allotype (male) and 5 paratypes (males and females).

*Platygaster filicaudis* Fouts

*Platygaster filicaudis* Fouts, 1925a, p. 95.

Holotype male, USNM no. 67833; Paradise Key, Fla., Feb. 27, 1919, R. M. Fouts; both antennae off, one of them and a fore tarsus on a slide. Unique.

*Platygaster filicornis* (Ashmead)

*Polynotus filicornis* Ashmead, 1893, pp. 302, 321.

Lectotype female (selected by Fouts, 1924b, p. 63), USNM no. 24605; District of Columbia, April 30; last 3 segments of both antennae missing. Allolectotype (male) headless, and 2 female paralectotypes.

*Platygaster flavitarsis* Fouts

*Platygaster flavitarsis* Fouts, 1926, p. 176.

Lectotype female, USNM no. 69166; Glen Echo, Md., May 1925. R. M. Fouts; right antenna missing after 6th segment, left after 7th. Two female paralectotypes.

*Platygaster floridensis* Ashmead

*Platygaster floridensis* Ashmead, 1887b, p. 132.

Lectotype female (selected by Fouts, 1924b, p. 33), USNM no. 24595; Jacksonville, Fla.; well preserved except that last segment of left antenna is missing. One female paralectotype (abdomen missing). The male described by Ashmead is a different species.

*Platygaster foersteri* (Gahan), new combination

*Xestonotidea foersteri* Gahan, 1919b, p. 524.

Holotype female, USNM no. 22289; Coimbatore, South India, Nov. 26, 1915, from gall on *Ischaemum ciliare*; abdomen missing, also apical segment of left antenna. Unique.



*Platygaster fumipennis* Fouts

*Platygaster fumipennis* Fouts, 1924b, pp. 29, 87.

Holotype female, USNM no. 25442; no ecological data given with original description but notes in the files of the U.S. Department of Agriculture show that the specimens were reared from a cecidomyiid gall on *Baccharis pilularis* at San Francisco, Calif. by A. Koebele; left antenna missing after 6th segment, right after scape. Allotype (male) and 1 female paratype.

*Platygaster fuscipennis* Fouts

*Platygaster fuscipennis* Fouts, 1924b, pp. 26, 39.

Holotype female, USNM no. 25432; Glen Echo, Md., 1917, R. M. Fouts; well preserved except that apical segment of left antenna is missing.

*Platygaster gahani* Fouts

*Platygaster gahani*, Fouts, 1924b, pp. 26, 55.

Holotype female, USNM no. 25438; Quincy, Calif., Sept. 20, 1915, from cones of *Abies concolor*, F. P. Keen; well preserved. One female paratype.

*Platygaster gifuensis* (Ashmead), new combination

*Polygnotus gifuensis* Ashmead, 1904d, p. 75.

Lectotype male, USNM no. 7134; Gifu, Japan, October 1902, Y. Nawa; thorax somewhat damaged. Three male paralectotypes.

*Platygaster gracilis* Ashmead

*Platygaster gracilis* Ashmead, 1887b, p. 132.

Holotype male, USNM no. 24603; Jacksonville, Fla.; left antenna lacks apical segment and only basal 4 segments of right antenna remain. Unique.

*Platygaster huachucae* (Ashmead)

*Polygnotus huachucae* Ashmead, 1893, pp. 302, 316.

Lectotype male (selected by Fouts, 1924b, p. 102), USNM no. 2296; Fort Huachuca, Ariz., June 16, 1883, H. K. Morrison; left antenna missing, also right antenna after 7th segment. Allotype (female) and 10 female paralectotypes.

*Platygaster hyalinipennis* (Ashmead)

*Isorhombus hyalinipennis* Ashmead, 1887b, p. 129.

Lectotype female (selected by Fouts, 1924b, p. 51), USNM no. 25435; Jacksonville, Fla.; well preserved, right antenna on a slide. One female paralectotype. The male described by Ashmead is not the same species.

*Platygaster kalmiae* Fouts

*Platygaster kalmiae* Fouts, 1925a, p. 95.

Holotype male, USNM no. 69165; Glen Echo, Md., Apr. 24, 1918, R. M. Fouts; well preserved. One male paratype.

*Platygaster laevicollis* (Ashmead)

*Polygotus laevicollis* Ashmead, 1893, pp. 304, 320.

Holotype male, USNM no. 24598; District of Columbia, April 28, E. A. Schwarz; left antenna missing after 5th segment, right after scape. Unique.

*Platygaster lampronota* Fouts

*Platygaster lampronota* Fouts, 1924b, pp. 26, 48.

Holotype female, USNM no. 25433; Martinez, Calif., Jan. 10, 1883, from flower bud gall on *Baccharis pilularis*, H. W. Turner; well preserved. Allotype male.

*Platygaster laticeps* (Ashmead)

*Polygotus laticeps* Ashmead, 1893, pp. 301, 311.

Lectotype male (selected by Fouts, 1924b, p. 89), USNM no. 24611; Jacksonville, Fla.; right antenna missing after 5th segment, head mounted separately on the same card point. Fouts considered the females of the type series to be a distinct species, which he described as *Platygaster errans*, 1924b, pp. 29, 93.

*Platygaster leguminicolae* Fouts

*Platygaster leguminicolae* Fouts, 1920, p. 69.

Holotype female, USNM no. 22799; Forest Grove, Oreg., Sept. 14, 1916, from *Dasineura leguminicola* (Lintner), C. W. Creel; well preserved. Allotype (male) and 18 paratypes (males and females).

*Platygaster linearis* Fouts

*Polymecus lasiopterae* Gahan, 1917, p. 217. Preoccupied.

*Platygaster linearis* Fouts, 1924b, pp. 29, 93.

Holotype female, USNM no. 20397; Elk Point, S. Dak., May 20, 1915, from *Lasioptera* sp. on *Muhlenbergia*, C. N. Ainslie; well preserved. Allotype (male) and 5 female paratypes.

*Platygaster longiventris* (Ashmead)

*Isocybus longiventris* Ashmead, 1887b, p. 130.

Holotype female, USNM no. 24609; Jacksonville, Fla.; well preserved. Unique.

*Platygaster lucida* Fouts

*Platygaster lucida* Fouts, 1924b, pp. 26, 54.

Holotype female, USNM no. 25437; Mount View, Colo., Sept. 5, 1916, from cone of *Picea engelmanni*, J. H. Pollock; well preserved.

*Platygaster lupinicola* (Ashmead)

*Polymecus lupinicola* Ashmead, 1893, pp. 278, 281.

Lectotype female (selected by Fouts, 1924b, p. 73), USNM no. 2271; San Francisco County, Calif., November 1885, from cecidomyiid gall on *Lupinus athorea*, A. Koebele; abdomen and most of legs missing. Allolectotype (male) and 2 paralectotypes (male and female).

*Platygaster marylandica* Fouts

*Platygaster marylandica* Fouts, 1924b, pp. 28, 85.

Holotype female, USNM no. 25440; Glen Echo, Md., July 19, 1919, R. M. Fouts; well preserved. Allotype (male) and 3 female paratypes.

*Platygaster melliscapus* (Ashmead)

*Polymecus melliscapus* Ashmead, 1893, pp. 278, 282.

Holotype female, USNM no. 24596; District of Columbia, May 29, E. A. Schwarz; well preserved. Unique.

*Platygaster minutissima* Fouts

*Platygaster minutissima* Fouts, 1925a, p. 96.

Holotype male, USNM no. 67834; Brownwood, Tex., May 1, 1924, R. M. Fouts; well preserved. Unique.

*Platygaster nigricoxa* Fouts

*Platygaster nigricoxa* Fouts, 1925b, p. 147.

Holotype female, USNM no. 69168; San Francisco, Calif., from gall of *Dasineura lupini* Felt; well preserved. Allotype (male) and 1 female paratype.

*Platygaster nigrifemur* (Ashmead)

*Ectadius nigrifemur* Ashmead, 1890, p. 10.

Lectotype female (selected by Fouts, 1924b, p. 46), USNM no. 2123; Greeley, Colo., H. F. Wickham; well preserved. Allolectotype (male) and 3 paralectotypes (2 males and 1 female).

*Platygaster nigripes* (Ashmead)

*Monocrita nigripes* Ashmead, 1890, p. 9.

Holotype male, USNM no. 24553; Greeley, Colo., H. F. Wickham, well preserved. Unique.

*Platygaster obscuripennis* Ashmead

*Platygaster obscuripennis* Ashmead, 1893, pp. 323, 325.

Holotype male, USNM no. 2304; Ottawa, Canada, Harrington no. 12; well preserved. Unique.

*Platygaster oenone* Fouts

*Platygaster oenone* Fouts, 1925b, p. 149.

Holotype female, USNM no. 67840; Revelstoke, Selkirk Mts., British Columbia, July 1, 1905, J. C. Bradley; right antenna and most of wings missing.

*Platygaster pallida* Fouts

*Platygaster pallida* Fouts, 1925b, p. 148.

Holotype female (incorrectly described as a male), USNM no. 67839; McLean Bogs, N.Y., May 16, 1925, M. D. Leonard; both antennae lack apical segment. Unique.

*Platygaster pentatoma* (Ashmead)

*Anopedias pentatomus* Ashmead, 1893, p. 292.

Holotype female, USNM no. 24610; Arlington, Va.; well preserved. Unique.

*Platygaster perplexa* Fouts

*Platygaster perplexa* Fouts, 1925a, p. 96.

Holotype male, USNM no. 67835; Grant, Colo., July 21, 1916, R. M. Fouts; well preserved. Unique.

*Platygaster picipes* (Ashmead)

*Polymecus picipes* Ashmead, 1893, pp. 278, 282.

Lectotype female (selected by Fouts, 1924b, p. 42), USNM no. 2272; District of Columbia, April 30; right antenna missing, also left antenna after 5th segment, head mounted separately on the card point. The other two specimens of the original series are another species.

*Platygaster pini* Fouts

*Platygaster pini* Fouts, 1924b, pp. 30, 99.

Holotype female, USNM no. 25443; Manitou, Colo., April 16, from a cecidomyiid on *Pinus edulis*, J. H. Pollock; well preserved. Allotype (male).

*Platygaster pinicola* (Ashmead)

*Polygnotus pinicola* Ashmead, 1893, pp. 301, 307.

Lectotype male, USNM no. 2283; District of Columbia, May 14, 1879, from *Cecidomyia piniinopis* Osten Sacken; well preserved. Ten paralectotypes (males and females) on the same card with the lectotype, which is indicated by a red-ink mark.

*Platygaster pluto* (Ashmead)

*Hypocampsis pluto* Ashmead, 1887b, p. 131.

Holotype female, USNM no. 24607; Jacksonville, Fla.; left antenna incomplete, specimen rather deeply immersed in the mountant on the right side. Unique.

*Platygaster proxima* (Ashmead)

*Polygnotus proximus* Ashmead, 1893, pp. 301, 312.

Lectotype female (selected by Fouts, 1924b, p. 79) USNM no. 2289; District of Columbia, Jan. 31, 1883, from *Thecodiplosis cupressiananassa* (Osten Sacken); well preserved, abdomen mounted separately on the same card point. Allolectotype (male) and 4 paralectotypes (1 male and 3 females), some fragmentary.

*Platygaster relativa* Fouts

*Platygaster relativa* Fouts, 1924b, pp. 30, 104.

Holotype female, USNM no. 25445; Holderness, N.H., May 8, 1884, from a cecidomyiid gall on aster; intact but left side embedded in the adhesive. One female paratype.

*Platygaster rohweri* Fouts

*Platygaster rohweri* Fouts, 1924b, pp. 30, 100.

Holotype female, USNM no. 25444; Hilt, Calif., June 2, 1914, from cone of *Pinus lambertiana*, P. D. Sergent; well preserved. Allotype (male) and 4 paratypes (3 males and 1 female).

*Platygaster rubi* (Ashmead)

*Polygnotus rubi* Ashmead, 1893, pp. 302, 315.

Lectotype female (selected by Fouts, 1924b, p. 104), USNM no. 2294; Arlington, Va., Mar. 30, 1886, from *Lasioptera farinosa* (Osten Sacken) on blackberry; well preserved. One female paralectotype.

*Platygaster rufidens* Fouts

*Platygaster rufidens* Fouts, 1925a, p. 97.

Holotype male, USNM no. 67837; Glen Echo, Md., July 15, 1917, R. M. Fouts; antennae and right wings missing. Unique.

*Platygaster rufipes* (Ashmead)

*Synopeas rufipes* Ashmead, 1893, pp. 286, 287.

Holotype female, USNM no. 24597; Arlington, Va.; well preserved. Unique.

*Platygaster salicicola* (Ashmead)

*Polygnotus salicicola* Ashmead, 1893, pp. 300, 305.

Lectotype male (selected by Fouts, 1924b, p. 77), USNM no. 2281; Los Angeles County, Calif., from a cecidomyiid gall on midrib of willow, A. Koebele; head missing. Allolectotype (female) and 7 female paralectotypes.

*Platygaster scorpoidea* Muesebeck and Walkley

*Ectadius canadensis* Ashmead, 1888b, p. 51. Preoccupied.

*Platygaster scorpoidea* Muesebeck and Walkley, 1951, p. 714.

Holotype female, USNM no. 24600; Ottawa, Canada, Harrington no. 56; well preserved except that right antenna lacks the apical 4 segments. Unique.

*Platygaster scutellator* Fouts

*Platygaster scutellator* Fouts, 1925a, p. 96.

Holotype male, USNM no. 67836; Glen Echo, Md., July 4, 1919, R. M. Fouts; parts of both antennae on a slide, abdomen mounted separately on the card point. Unique.

*Platygaster semiglabra* (Girault)

*Polymecus semiglaber* Girault, 1920, p. 177.

Lectotype female, USNM no. 20610; Albany, N.Y., from gall of *Rhopalomyia hirtipes* (Osten Sacken), E. P. Felt; well preserved. Four paralectotypes (males and females) on the same tag with the lectotype, which is indicated by a red-ink mark.

*Platygaster shastensis* Fouts

*Platygaster shastensis* Fouts, 1924b, pp. 26, 53.

Holotype female, USNM no. 25436; Palmerlees Ranch, Oreg., Sept. 8, 1915, from cone of *Abies shastensis*, J. E. Patterson; well preserved.

*Platygaster signata* Fouts

*Platygaster signata* Fouts, 1925a, p. 97.

Holotype female USNM no. 69164; Brownwood, Tex., May 1924, R. M. Fouts; well preserved. One female paratype.

*Platygaster solidaginis* (Ashmead)

*Polygnotus solidaginis* Ashmead, 1887b, p. 131.

Lectotype female, USNM no. 2862; Jacksonville, Fla.; well preserved. Two female paralectotypes, one on the same card point with the lectotype, which is indicated by a red-ink mark. Fouts, 1924b, p. 67, said that he was selecting the type female and the allotype male. However, the pin on which he placed the "Type" label bears 2 females, neither of which is in any way indicated as the lectotype; there are no males in the type material.

*Platygaster striaticeps* (Ashmead)

*Polygnotus striaticeps* Ashmead, 1893, pp. 301, 308.

Lectotype female (selected by Fouts, 1924b, p. 70), USNM no. 2284; Newhall, Los Angeles County, Calif., July 1886, A. Koebele; antennae off, only the club of the right antenna remaining, gaster missing. Allolectotype (male) and 5 paralectotypes (males and females).

*Platygaster striaticollis* (Ashmead)

*Polynotus striaticollis* Ashmead, 1893, pp. 304, 319.

Holotype male, USNM no. 24599; Jacksonville, Fla.; antennae missing except for the last 2 segments of 1 of them. Unique.

*Platygaster striatifrons* Fouts

*Platygaster striatifrons* Fouts, 1925a, p. 98.

Lectotype male, USNM no. 69169; Glen Echo, Md., Apr. 24, 1918, R. M. Fouts; well preserved. One male paralectotype.

*Platygaster tacita* Fouts

*Platygaster tacita* Fouts, 1925a, p. 98.

Holotype female, USNM no. 67838; Brownwood, Tex., May 1, 1924, R. M. Fouts; well preserved. Unique.

*Platygaster texana* Fouts

*Platygaster texana* Fouts, 1924b, pp. 28, 82.

Holotype female, USNM no. 25855; Uvalde, Tex., June 1, 1921, J. C. Hamlin; well preserved. Allotype (male).

*Platygaster tumida* (Ashmead)

*Polynotus tumidus* Ashmead, 1893, pp. 301, 310.

Holotype male, USNM no. 2288; District of Columbia, Feb. 25, 1881, from *Cecidomyia symmetrica* Osten Sacken; well preserved. Unique.

*Platygaster utahensis* (Ashmead)

*Polynotus utahensis* Ashmead, 1893, pp. 301, 314.

Lectotype male (selected by Fouts, 1924b, p. 69), USNM no. 2291; Pariah, Utah, from a cecidomyiid gall on *Artemisia tridentata*, A. L. Siler; antennae missing. The only other specimen in the type material is a male which belongs to the genus *Synopeas*. Contrary to Fouts, who stated that he was selecting a female as lectotype, there is no female in the type material and the specimen which bears his "Type" label is a male.

*Platygaster vancouverensis* (Ashmead)

*Polymecus vancouverensis* Ashmead, 1893, pp. 278, 281.

Holotype female, USNM no. 24601; Vancouver Island, British Columbia; well preserved, antennae mounted on a slide. Unique.



*Platygaster variabilis* Fouts

*Platygaster variabilis* Fouts, 1924b, pp. 30, 106.

Holotype female, USNM no. 25446; Bushberg, Mo., Sept. 23, 1876, from galls on *Solidago*, T. Pergande; well preserved except that left antenna is missing. Allotype (male) and numerous paratypes (males and females).

*Platygaster vernalis* (Myers)

*Polygnotus vernalis* Myers, 1917, p. 256.

Holotype female, USNM no. 21135; Hagerstown, Md., Nov. 12, 1915, from *Mayetiola destructor* (Say), W. R. McConnell; well preserved. Allotype (male) and numerous paratypes (males and females).

*Platygaster vernoniae* (Ashmead)

*Polygnotus vernoniae* Ashmead, 1893, pp. 302, 317.

Lectotype male (selected by Fouts, 1924b, p. 106), USNM no. 2298 Arlington, Va., June 1886, from gall on *Vernonia noveboracensis*, well preserved. Allolectotype (female) and 2 female paralectotypes.

*Platygaster virginiensis* (Ashmead)

*Polygnotus virginiensis* Ashmead, 1893, pp. 301, 309.

Lectotype female (selected by Fouts, 1924b, p. 79), USNM no. 24608; District of Columbia; well preserved. Six paralectotypes (males and females. Fouts cited Arlington, Va., as the type locality, but the specimen he selected as type is from the District of Columbia.

*Platygaster viticola* (Ashmead)

*Polygnotus viticola* Ashmead, 1893, pp. 301, 313.

Lectotype female (selected by Fouts, 1924b, p. 72), USNM no. 2290; District of Columbia, Mar. 31, 1882, from a cecidomyiid gall on petiole of grape leaf; well preserved. Allolectotype (male) and 10 paralectotypes (males and females).

*Platygaster websteri* Fouts

*Platygaster websteri* Fouts, 1924b, pp. 26, 50.

Holotype female, USNM no. 25434; Wooster, Ohio, May 19, 1886, F. M. Webster; well preserved. One female paratype.

*Synopeas abdominalator* (Fouts)

*Leptacis abdominalator* Fouts, 1925a, p. 101.

Holotype, USNM no. 67845; Brownwood, Tex., June 15, 1924, R. M. Fouts; well preserved. Unique.

*Synopeas aciculatum* (Fouts)

*Leptacis aciculata* Fouts, 1924b, pp. 118, 134.

Holotype female, USNM no. 25467; Glen Echo, Md., May 6, 1917, R. M. Fouts; well preserved. Allotype (male) and 3 paratypes (2 males and 1 female), all specimens on one pin, type and allotype indicated by ink marks.

*Synopeas angustulum* (Fouts)

*Leptacis angustula* Fouts, 1925a, p. 100.

Holotype female, USNM no. 67841; Glen Echo, Md., Apr. 24, 1918, R. M. Fouts; well preserved. Unique.

*Synopeas anomaliventris* (Ashmead)

*Sactogaster anomaliventris* Ashmead, 1887b, p. 130.

Lectotype female (selected by Fouts, 1924b, p. 111), USNM no. 25447, Jacksonville, Fla.; right antenna missing, also left antenna after 7th segment. Two female paralectotypes.

*Synopeas ashmeadii* Dalla Torre

*Synopeas inermis* Ashmead, 1890, p. 10. Preoccupied.

*Synopeas ashmeadii* Dalla Torre, 1898, p. 483.

Holotype female, USNM no. 25464; West Cliff, Colo., T. D. A. Cockerell; well preserved, right antenna mounted on a slide. Unique.

*Synopeas auripes* (Ashmead)

*Polymecus auripes* Ashmead, 1893, pp. 278, 283.

Holotype female, USNM no. 25462; Virginia, Oct. 3, 1880; right antenna missing, also left after 3d segment, wings matted down on abdomen. Unique.

*Synopeas bradleyi* (Fouts)

*Leptacis bradleyi* Fouts, 1924b, pp. 118, 132.

Holotype female, USNM no. 25465; Fall Creek, Ithaca, N.Y., J. H. Comstock; well preserved. One female paratype.

*Synopeas breviventre* (Ashmead)

*Leptacis breviventris* Ashmead, 1893, pp. 271, 273.

Lectotype female (selected by Fouts, 1924b, p. 134), USNM no. 25466; District of Columbia; both antennae off. The male described by Ashmead is not the same species as the lectotype.

*Synopeas carinator* (Fouts)

*Leptacis carinator* Fouts, 1925a, p. 101.

Holotype female, USNM no. 67843; Brownwood, Tex., May 1, 1924, R. M. Fouts; well preserved. Unique.

*Synopeas cynipsiphilum* (Ashmead)

*Leptacis cynipsiphila* Ashmead, 1887b, p. 129.

Lectotype female (selected by Fouts, 1924b, p. 129), USNM no. 2861; Jacksonville, Fla.; both antennae missing. The male recorded by Ashmead is not the same species as the lectotype.

*Synopeas dubiosum* (Fouts)

*Leptacis dubiosa* Fouts, 1925a, p. 101.

Holotype male, USNM no. 67844; Brownwood, Tex., May 1, 1924, R. M. Fouts; well preserved. Unique.

*Synopeas flavicorne* (Ashmead)

*Leptacis flavicornis* Ashmead, 1893, pp. 271, 275.

Lectotype female (selected by Fouts, 1924b, p. 128), USNM no. 25460; District of Columbia; well preserved, both antennae mounted on a slide. The male recorded by Ashmead is not the same species as the lectotype.

*Synopeas floridanum* (Ashmead)

*Leptacis floridanus* Ashmead, 1893, pp. 271, 272.

Lectotype male (selected by Fouts, 1924b, p. 135), USNM no. 25468; Jacksonville, Fla.; right antenna on a slide, gaster missing; the gaster which is mounted on the same card point is that of a female. The 3 other specimens included by Ashmead in the type series are not the same species as the lectotype.

*Synopeas foutsii* Masner

*Sactogaster longiventris* Fouts, 1924b, p. 111. Preoccupied.

*Synopeas foutsii* Masner in Krombein and Burks, 1967, p. 303.

Holotype female, USNM no. 69171; Cabin John, Md., May 20, 1917, R. M. Fouts; well preserved, head mounted separately on the same card point. Unique.

*Synopeas globatum* (Fouts)

*Leptacis globata* Fouts, 1924b, pp. 117, 129.

Holotype female, USNM no. 25461; District of Columbia, Apr. 28, 1921, R. M. Fouts; well preserved. Allotype (male) and 4 female paratypes.

*Synopeas hakonensis* (Ashmead), new combination

*Sactogaster hakonensis* Ashmead, 1904d, p. 75.

Holotype female, USNM no. 7132; Hakone, Japan, A. Koebele; well preserved. Unique.

*Synopeas hopkinsi* (Crawford and Bradley)

*Dolichotrypes hopkinsi* Crawford and Bradley, 1911, p. 124.

Holotype female, USNM no. 13829; West Virginia, A. D. Hopkins; well preserved. Five female paratypes. The males described are a different species—*S. bradleyi* (Fouts).

*Synopeas howardii* (Ashmead)

*Sactogaster Howardii* Ashmead, 1888b, p. 52.

Holotype female, USNM no. 25448; District of Columbia. Unique. Missing from the card point and evidently lost.

*Synopeas incertum* (Ashmead)

*Anopedias incertus* Ashmead, 1887b, p. 130.

Lectotype female, USNM no. 25463; Jacksonville, Fla.; right antenna and right forewing on a slide. One female paralectotype.

*Synopeas japonicum* (Ashmead), new combination

*Anopedias japonicus* Ashmead, 1904d, p. 75.

Holotype female, USNM no. 7133; Hakone, Japan, A. Koebele; well preserved. Unique.

*Synopeas longiventre* (Ashmead)

*Leptacis longiventris* Ashmead, 1893, pp. 271, 273.

Lectotype female (selected by Fouts, 1924b, p. 127), USNM no. 2269; District of Columbia, May 20; right antenna on a slide, head and thorax missing. Allolectotype (male) and 2 female paralectotypes.

*Synopeas luzonicum* (Ashmead), new combination

*Anopedias luzonicus* Ashmead, 1905b, p. 964.

Lectotype female, USNM no. 8315; Manila, Philippines, R. Brown; well preserved. One female paralectotype.

*Synopeas maculipes* (Ashmead)

*Catillus maculipes* Ashmead, 1887b, p. 128.

Holotype female, USNM no. 25451; Jacksonville, Fla.; left antenna mounted on a slide, legs incomplete. Unique.

*Synopeas mucronatum* (Fouts)

*Sactogaster mucronata* Fouts, 1924b, pp. 110, 114.

Holotype female, USNM no. 25449; Carlisle, Pa., July 27, 1920, R. M. Fouts; well preserved. One female paratype.

*Synopeas nigripes* Ashmead

*Synopeas nigripes* Ashmead, 1893, p. 286.

Type (unique) not found and apparently lost.

*Synopeas pennsylvanicum* (Fouts)

*Leptacis pennsylvanica* Fouts, 1924b, pp. 117, 120.

Holotype female, USNM no. 25452; Carlisle, Pa., July 21, 1920, R. M. Fouts; well preserved. Six female paratypes.

*Synopeas pubescens* (Ashmead)

*Leptacis pubescens* Ashmead, 1893, pp. 271, 275.

Holotype male, USNM no. 25469; District of Columbia, April 13, E. A. Schwarz; well preserved, 1 antenna and right hindleg on a slide. Unique.

*Synopeas punctatum* (Ashmead)

*Leptacis punctatus* Ashmead, 1893, pp. 271, 272.

Lectotype female (selected by Fouts, 1924b, p. 126), USNM no. 25459; Jacksonville, Fla.; rather badly embedded in mountant, 1 antenna on a slide. Three female paralectotypes.

*Synopeas rufiscapus* Ashmead

*Synopeas rufiscapus* Ashmead, 1893, pp. 286, 288.

Lectotype female (selected by Fouts, 1924b, p. 132), USNM no. 2275; Jacksonville, Fla.; right antenna mounted on a slide, wings matted down on abdomen. Allolectotype (male).

*Synopeas rugosiceps* (Kieffer)

*Leptacis rugiceps* Ashmead, 1893, pp. 271, 272. Preoccupied.

*Leptacis ashmeadi* Fouts, 1924b, pp. 117, 124. Preoccupied.

*Leptacis rugosiceps* Kieffer, 1926, pp. 637, 644.

Lectotype female (selected by Fouts, 1924b, p. 125), USNM no. 25458; Arlington, Va.; left antenna missing after 8th segment, right antenna mounted on a slide. The male described by Ashmead is a different species.

*Synopeas striatifrons* (Ashmead)

*Leptacis striatifrons* Ashmead, 1893, pp. 271, 273.

Holotype female, USNM no. 25450; Jacksonville, Fla.; well preserved, left antenna on a slide. Unique.

*Synopeas texanum* (Fouts)

*Leptacis texana* Fouts, 1925a, p. 102.

Lectotype male, USNM no. 69177; Brownwood, Tex., Apr. 21, 1924, R. M. Fouts; well preserved, right antenna mounted on a slide. Seven male paralectotypes.

*Trichacis arizonensis* (Ashmead)

*Isorhombus arizonensis* Ashmead, 1893, p. 277.

Holotype female, USNM no. 2270; Fort Huachuca, Ariz., May 8, 1883, H. K. Morrison, well preserved. Unique.

*Trichacis cornicola* (Ashmead)

*Synopeas cornicola* Ashmead, 1893, pp. 286, 288.

Lectotype male (selected by Fouts, 1924b, p. 18), USNM no. 2273; Kirkwood, Mo., Apr. 3, 1887, from cecidomyiid gall on *Cornus paniculata*, Mary Murtfeldt; well preserved. Allolectotype (female) and 7 paralectotypes (males and females).

*Trichacis cornuta* Fouts

*Trichacis cornuta* Fouts, 1925a, p. 93.

Holotype female, USNM no. 67830; Brownwood, Tex., May 1, 1924, R. M. Fouts; well preserved. Unique.

*Trichacis rufipes* Ashmead

*Trichasis* [sic] *rufipes* Ashmead, 1893, p. 295.

Lectotype female (selected by Fouts, 1924b, p. 14), USNM no. 2277; Arlington, Va.; well preserved. Allolectotype (male) and 2 female paralectotypes.

*Trichacis texana* Fouts

*Trichacis texana* Fouts, 1925a, p. 94.

Holotype female, USNM no. 67831; Brownwood, Tex., Apr. 24, 1924, R. M. Fouts; abdomen missing. Unique.

*Trichacis virginiensis* Ashmead

*Trichasis* [sic] *virginiensis* Ashmead, 1893, pp. 295, 297.

Holotype female, USNM no. 25429; Arlington, Va.; well preserved except that apical segment of right antenna is missing. Unique.

## Family Ceraphronidae

## Subfamily Ceraphroninae

*Aphanogmus bicolor* Ashmead

*Aphanogmus bicolor* Ashmead, 1893, pp. 133, 134.

Holotype female, USNM no. 24423; Ottawa, Canada, W. H. Harrington; well preserved. Unique.

*Aphanogmus floridanus* Ashmead

*Aphanogmus floridanus* Ashmead, 1893, pp. 133, 134.

Lectotype female, USNM no. 2209; Jacksonville, Fla.; left antenna missing, also apical segment of right antenna. The male was also described, but is apparently lost.

*Aphanogmus hakonensis* Ashmead

*Aphanogmus hakonensis* Ashmead, 1904d, p. 71.

Holotype female, USNM no. 7121; Hakone, Japan, A. Koebele; legs incomplete. Unique.

*Aphanogmus javensis* (Girault), new combination

*Ceraphron javensis* Girault, 1917b, p. 9.

Lectotype female, USNM no. 20649; Salatiga, Indonesia; wings somewhat crumpled. Nine paralectotypes (males and females), some mounted on a slide; 2 on the same card point with the lectotype, which is indicated by a red-ink mark.

*Aphanogmus manilae* (Ashmead), new combination

*Ceraphron manilae* Ashmead, 1904b, p. 135.

Holotype female, USNM no. 7911; Manila, Philippines, W. A. Stanton; well preserved. Eight paratypes (1 male, 7 females).

*Aphanogmus marylandicus* Ashmead

*Aphanogmus marylandicus* Ashmead, 1893, pp. 133, 135.

Holotype female, USNM no. 24424; Oakland, Md., July 12, E. A. Schwarz; well preserved. Unique.

*Aphanogmus niger* Ashmead

*Aphanogmus niger* Ashmead, 1893, p. 133.

Holotype male, USNM no. 24422; District of Columbia, June 30, E. A. Schwarz; well preserved except that each antenna lacks apical segment. Unique.

*Aphanogmus nigroforficatus* Pschorn-Walcher

*Aphanogmus nigroforficatus* Pschorn-Walcher, 1956, p. 354.

Holotype female, USNM no. 65594; Plannenstiel, near Zurich, Switzerland, September 1954, from *Aphidoletes thompsoni* Moehn; well preserved. One female paratype.



*Aphanogmus pallidipes* Ashmead

*Aphanogmus pallidipes* Ashmead, 1893, pp. 133, 135.

The unique type, from Arlington, Va., is lost. There is a pin in the Museum collection bearing Ashmead's name label and the type number 2208, but the card point on this pin is without a specimen.

*Aphanogmus salicicola* (Ashmead)

*Ceraphron salicicola* Ashmead, 1893, pp. 124, 128.

Holotype female, USNM no. 2205; Los Angeles County, Calif.; well preserved. Unique.

*Aphanogmus varipes* Ashmead

*Aphanogmus varipes* Ashmead, 1893, pp. 133, 135.

Lectotype female, USNM no. 24425; Riley County, Kans., June 24; well preserved. One female paralectotype.

*Aphanogmus virginiensis* Ashmead

*Aphanogmus virginiensis* Ashmead, 1893, pp. 133, 135.

Lectotype female, USNM no. 2207; Arlington, Va.; well preserved except that left antenna is missing after the 3d segment. Two female paralectotypes.

*Ceraphron amplus* Ashmead

*Ceraphron amplus* Ashmead, 1893, pp. 124, 129.

Holotype female, USNM no. 24416; District of Columbia, May 20; left antenna missing. Unique.

*Ceraphron auripes* Ashmead

*Ceraphron auripes* Ashmead, 1893, pp. 124, 125.

Holotype female, USNM no. 24412; Ottawa, Canada, W. H. Harrington; well preserved. Unique.

*Ceraphron bicolor* (Girault)

*Eulagynodes bicolor* Girault, 1917b, p. 9.

Lectotype female, USNM no. 20650; Salatiga, Indonesia; head somewhat damaged, mounted separately on the same card point, right antenna also mounted on the point, left antenna missing after 2d segment. One female paralectotype.

*Ceraphron californicus* Ashmead

*Ceraphron californicus* Ashmead, 1893, pp. 124, 127.

Holotype female, USNM no. 2203; Folsom, Calif., July 12, 1885, A. Koebele; well preserved, left antenna mounted on a slide. Unique.

*Ceraphron carinatus* Ashmead

*Ceraphron carinatus* Ashmead, 1893, pp. 125, 131.

Lectotype female, USNM no. 2206; Arlington, Va.; well preserved. One female paralectotype. The male described by Ashmead belongs in *Lagynodes*.

*Ceraphron carlylei* Girault

*Ceraphron carlylei* Girault, 1920, p. 179.

Holotype female, USNM no. 20843; Urbana, Ill.; left antenna and left wings missing. Unique.

*Ceraphron flaviscapus* Ashmead

*Ceraphron flaviscapus* Ashmead, 1893, pp. 124, 130.

Lectotype female, USNM no. 24419; Arlington, Va.; well preserved. Two female paralectotypes.

*Ceraphron fusciceps* Ashmead

*Ceraphron fusciceps* Ashmead, 1893, pp. 124, 125.

Lectotype female, USNM no. 24410; District of Columbia, September 17, well preserved. Two female paralectotypes.

*Ceraphron melanocephalus* (Ashmead)

*Copidosoma melanocephalum* Ashmead, 1886, p. 131.

Holotype female (incorrectly described as a male), USNM no. 24413; Jacksonville, Fla., May 1885, from the gall of *Belonocnema treatae* Mayr; left antenna missing after 5th segment, wings missing. Unique.

*Ceraphron melanocerus* Ashmead

*Ceraphron melanocerus* Ashmead, 1893, pp. 124, 129.

Lectotype female, USNM no. 24417; Ottawa, Canada, Harrington no. 258; well preserved. One female paralectotype.

*Ceraphron mellipes* Ashmead

*Ceraphron mellipes* Ashmead, 1893, pp. 125, 131.

Lectotype female, USNM no. 24420, Jacksonville, Fla.; intact but wings somewhat matted down on abdomen. Two paralectotypes (male and female, the male fragmentary).

*Ceraphron minutus* (Ashmead)

*Megaspilidea minuta* Ashmead, 1888b, p. 49.

Lectotype female, USNM no. 24411; Ottawa, Canada, W. H. Harrington; well preserved except that left antenna is missing beyond scape. The second specimen is missing.

*Ceraphron pallidipes* (Fouts)

*Calliceras pallidipes* Fouts, 1924a, p. 161.

Holotype female, USNM no. 67847; Glen Echo, Md., Feb. 1, 1923, R. M. Fouts; well preserved. Unique.

*Ceraphron pedalis* Ashmead

*Ceraphron pedalis* Ashmead, 1893, pp. 124, 130.

Holotype female, USNM no. 24418; Arlington, Va.; head missing. Unique.

*Ceraphron pallidiventris* Ashmead

*Ceraphron pallidiventris* Ashmead, 1893, pp. 124, 126.

The unique type, from Pendleton, Md. and collected by E. A. Schwarz, is missing.

*Ceraphron punctatus* Ashmead

*Ceraphron punctatus* Ashmead, 1893, pp. 124, 127.

Lectotype female, USNM no. 2204; Arlington, Va.; well preserved. Two female paralectotypes.

*Ceraphron schwarzi* Muesebeck and Walkley

*Ceraphron glaber* Ashmead, 1893, pp. 125, 130. Preoccupied.

*Ceraphron schwarzi* Muesebeck and Walkley, 1951, p. 668.

Type specimens not found and apparently lost.

*Ceraphron tertius* Dalla Torre

*Ceraphron basalis* Ashmead, 1893, pp. 124, 127. Preoccupied.

*Ceraphron tertius* Dalla Torre, 1898, p. 528.

Lectotype female, USNM no. 24414; Arlington, Va.; well preserved except that the last 3 segments of the left antenna are missing. The other specimens in the type series are not conspecific with the lectotype.

*Ceraphron unicolor* Ashmead

*Ceraphron unicolor* Ashmead, 1893, pp. 124, 128.

Lectotype female, USNM no. 24415; Cheyenne, Wyo., H. F. Wickham; well preserved. One female paralectotype.

*Neoceraphron macroneurus* (Ashmead)

*Ceraphron macroneurus* Ashmead, 1887a, p. 97.

Holotype male, USNM no. 24426; Jacksonville, Fla.; well preserved. Unique.

## Subfamily Megaspilinae

*Atritomellus americanus* (Ashmead)

*Atritomus americanus* Ashmead, 1893, p. 122.

Holotype male, USNM no. 23087; Odenton, Md., May 21, E. A. Schwarz; left antenna missing after 4th segment and right after 7th. Unique.

*Atritomellus conwentziae* (Gahan)

*Dendrocerus conwentziae* Gahan, 1919a, p. 122.

Holotype female, USNM no. 22277; Amherst, Mass., from *Conwentzia hageni* Banks, A. I. Bourne; right antenna missing after 8th segment and left after 5th. Allotype (male) and 1 female paratype.

*Atritomellus conwentziae* v. *rufus* (Gahan)

*Dendrocerus conwentziae* v. *rufus* Gahan, 1919a, p. 123.

Holotype female, USNM no. 22278; Felida, Clark County, Wash., June 3, 1918, E. J. Newcomer; well preserved. Allotype (male) and 4 paratypes (males and females).

*Conostigmus ambiguus* (Ashmead)

*Megaspilus ambiguus* Ashmead, 1893, pp. 113, 115.

Lectotype female, USNM no. 24398; District of Columbia; well preserved. Allolectotype (male).

*Conostigmus ater* Fouts

*Conostigmus ater* Fouts, 1926, p. 168.

Holotype female, USNM no. 28771; Milpitas, Calif., May 13, 1925, from a syrphid puparium, R. E. Campbell; well preserved. One female paratype.

*Conostigmus californicus* (Ashmead)

*Megaspilus californicus* Ashmead, 1893, pp. 114, 118.

Holotype male, USNM no. 24407; Santa Cruz Mts., Calif.; well preserved. Unique.

*Conostigmus canadensis* (Ashmead)

*Eumegaspilus Canadensis* Ashmead, 1888b, p. 49.

Holotype female, USNM no. 24404; Ottawa, Canada, Harrington no. 86; well preserved. Unique.

*Conostigmus crawfordi* (Mann)

*Megaspilus crawfordi* Mann, 1920, p. 60.

Holotype female, USNM no. 22622; Great Falls, Va., October 1919, W. M. Mann; well preserved. One female paratype.

*Conostigmus erythrothorax* (Ashmead)

*Eumegaspilus erythrothorax* Ashmead, 1893, p. 120.

Lectotype female, USNM no. 24409; Jacksonville, Fla.; well preserved. One male paralectotype.

*Conostigmus harringtoni* (Ashmead)

*Megaspilus Harringtoni* Ashmead, 1888b, p. 48.

Lectotype female, 24402; Ottawa, Canada, W. H. Harrington; head missing. The species was described from a male and a female; the male has not been found in the National Museum collection.

*Conostigmus laeviceps* (Ashmead)

*Megaspilus laeviceps* Ashmead, 1893, pp. 114, 118.

Lectotype male, USNM no. 24406; Bladensburg, Md., E. A. Schwarz; well preserved. Three male paralectotypes.

*Conostigmus marylandicus* (Ashmead)

*Megaspilus marylandicus* Ashmead, 1893, pp. 113, 116.

Holotype female, USNM no. 24401; Oakland, Md., July 10, E. A. Schwarz; well preserved. Unique.

*Conostigmus ottawensis* (Ashmead)

*Eumegaspilus Ottawensis* Ashmead, 1888b, p. 49.

Holotype female, USNM no. 24405; Ottawa, Canada, W. H. Harrington; well preserved except that last 4 segments of right antenna are missing. Unique.

*Conostigmus penmaricus* (Ashmead)

*Megaspilus penmaricus* Ashmead, 1893, p. 113.

Holotype female, USNM no. 58969; Pen Mar, Pa., August 1; well preserved except that last 5 segments of right antenna are missing. Unique.

*Conostigmus pergandei* (Ashmead)

*Megaspilus Pergandei* Ashmead, 1893, pp. 114, 118.

Holotype male, USNM no. 24408; District of Columbia, June 23; well preserved except that last 4 segments of right antenna are missing. Unique.

*Conostigmus popenoei* (Ashmead)

*Megaspilus Popenoei* Ashmead, 1893, pp. 113, 114.

Holotype female, USNM no. 28861; Manhattan, Kans., June 23; well preserved. Unique.

*Conostigmus schwarzii* (Ashmead)

*Megaspilus Schwarzii* Ashmead, 1893, pp. 113, 115.

Holotype female, USNM no. 24400; District of Columbia, May 20, E. A. Schwarz; well preserved. Unique.

*Conostigmus striatipes* (Ashmead)

*Megaspilus striatipes* Ashmead, 1893, pp. 113, 115.

Holotype female, USNM no. 24399; Ottawa, Canada, Harrington no. 238; well preserved except that apical segment of right antenna is missing. Unique.

*Conostigmus virginicus* (Ashmead)

*Megaspilus virginicus* Ashmead, 1893, pp. 113, 117.

Holotype female, USNM no. 24403; Arlington, Va.; apical segment of left antenna missing, wings largely gone, only left hindwing intact. Unique.

*Conostigmus zaglouli* Kamal

*Conostigmus zaglouli* Kamal, 1926, p. 285.

Holotype female, USNM no. 40243; Milpitas, Calif., Apr. 25, 1925, from puparium of *Scaeva pyrastris* (Linnaeus), R. E. Campbell; antennae missing, legs incomplete, abdomen mounted separately on the card point. Allotype (male) and 4 female paratypes. All specimens of type series more or less broken.

*Lagynodes longicornis* (Ashmead)

*Ceraphron longicornis* Ashmead, 1893, pp. 125, 132.

Holotype male, USNM no. 24421; Fort George, Fla., R. S. Turner; last 4 segments of left antenna and last 2 of right antenna missing. Unique.

*Lagynodes minutus* Ashmead

*Lagynodes minutus* Ashmead, 1893, p. 121.

Lectotype female, USNM no. 2202; District of Columbia, June 23; well preserved. One female paralectotype.

*Lygocerus alaskensis* Ashmead

*Lygocerus alaskensis* Ashmead, 1902b, p. 140.

Holotype female, USNM no. 5522; St. Paul Island, Alaska, Aug. 10, 1897, T. Kincaid; left forewing missing, thorax somewhat damaged by pin. Unique.

*Lygocerus anomaliventris* (Ashmead)

*Megaspilus anomaliventris* Ashmead, 1893, pp. 113, 114.

Holotype female, USNM no. 24397; Marquette, Mich., E. A. Schwarz; well preserved except that last 4 segments of left antenna are missing. Unique.

*Lygocerus attentus* Muesebeck

*Lygocerus attentus* Muesebeck, 1959, p. 94.

Holotype female, USNM no. 64577; Aroostook County, Maine, 1953, from *Macrosiphum euphorbiae* (Thomas), W. A. Shands; well preserved. Ten paratypes (males and females).

*Lygocerus californicus* Ashmead

*Lygocerus californicus* Ashmead, 1893, pp. 109, 111.

Holotype male, USNM no. 2200; Los Angeles County, Calif., A. Koebele; left antenna missing after 6th segment, right after 7th, legs incomplete. Unique.

*Lygocerus floridanus* (Ashmead)

*Chirocerus floridanus* Ashmead, 1881, p. xxxiv.

Lectotype female, USNM no. 24396; Jacksonville, Fla., from *Cinara australis* (Ashmead); thorax somewhat damaged, left forewing and left legs missing. Described from a male and a female, but the male has not been found.

*Lygocerus incompletus* Muesebeck

*Lygocerus incompletus* Muesebeck, 1959, p. 96.

Holotype female, USNM no. 64578; Aroostook County, Maine, 1953, from *Macrosiphum euphorbiae* (Thomas), W. A. Shands; well preserved. Many paratypes (males and females).

*Lygocerus japonicus* Ashmead

*Lygocerus japonicus* Ashmead, 1904d, p. 70.

Lectotype female, USNM no. 7118; Atami, Japan, A. Koebele; well preserved. One female paralectotype.

*Lygocerus koebelei* Ashmead

*Lygocerus koebelei* Ashmead, 1904d, p. 70.

Lectotype male, USNM no. 7119; Atami, Japan, A. Koebele; well preserved. Four paralectotypes (1 male and 3 females).



*Lygocerus latifrons* Muesebeck

*Lygocerus latifrons* Muesebeck, 1959, p. 93.

Holotype female, USNM no. 64576; Escondido, Calif., June 1, 1936, from hemerobiid cocoon, D. W. Clancy; well preserved. Eight paratypes (males and females).

*Lygocerus leucopidis* Muesebeck

*Lygocerus leucopidis* Muesebeck, 1959, p. 91.

Holotype female, USNM no. 64574; Albany, Calif., July 1958, from puparium of *Leucopis* sp., F. D. Bennett; well preserved. Twenty-three paratypes (males and females).

*Lygocerus niger* (Howard)

*Megaspilus niger* Howard, 1890a, p. 247.

Lectotype female, USNM no. 1468; Selkirk, Mich., July 1889; well preserved. One female paralectotype.

*Lygocerus pacificus* Ashmead

*Lygocerus pacificus* Ashmead, 1893, pp. 109, 112.

Holotype female, USNM no. 2201; Placer County, Calif., August; well preserved, only apical segment of left antenna missing. Unique.

*Lygocerus picipes* Ashmead

*Lygocerus picipes* Ashmead, 1893, pp. 108, 109.

Holotype female, USNM no. 24395; Ottawa, Canada, Harrington no. 14; left antenna missing after 4th segment, right after 6th. Unique.

*Lygocerus pinicola* Muesebeck

*Lygocerus pinicola* Muesebeck, 1959, p. 92.

Holotype female, USNM no. 64575; Berkeley, Calif., June 20, 1958, from *Leucopis atrifacies* Aldrich, F. D. Bennett; well preserved. Four paratypes (males and females).

*Lygocerus ratzeburgi* (Ashmead)

*Dendrocerus ratzeburgi* Ashmead, 1904d, p. 70.

Lectotype male, USNM no. 7120; Japan, A. Koebele; well preserved. Described from a male and a female; the female specimen has not been found.

*Lygocerus sexdentatus* Ashmead

*Lygocerus sexdentatus* Ashmead, 1893, pp. 109, 111.

Lectotype female, USNM no. 2199; District of Columbia, July 22, 1886; well preserved. One male paralectotype.

*Megaspilus fuscipennis* (Ashmead)

*Megaspilodes fuscipennis* Ashmead, 1888a, p. ii.

Holotype female, USNM no. 28859; Riley County, Kans., April; well preserved. Unique.

*Trichosteresis floridana* Ashmead

*Trichosteresis floridanus* Ashmead, 1887a, p. 98.

Holotype female, USNM no. 24394; Jacksonville, Fla.; well preserved. Unique.

## Literature Cited

## ASHMEAD, W. H.

- 1881a. Studies on the North American Chalcididae, with descriptions of new species from Florida. Trans. Amer. Ent. Soc., vol. 9, Proc. pp. xxix-xxxv.
- 1881b. *Telenomus Crochymenae*, n. sp. The Florida Agriculturist, vol. 4, no. 25, p. 193.
1886. Studies on the North American Chalcididae, with descriptions of new species from Florida. Trans. Amer. Ent. Soc., vol. 13, pp. 125-135.
- 1887a. Studies on the North American Proctotrupidae, with descriptions of new species from Florida (Part I). Ent. Amer., vol. 3, pp. 73-76; 97-100; 117-119.
- 1887b. Studies of the North American Proctotrupidae, with descriptions of new species from Florida (Paper no. 2). Canadian Ent., vol. 19, pp. 125-132.
- 1887c. Studies of the North American Proctotrupidae, with descriptions of new species from Florida (Paper no. 3). Canadian Ent., vol. 19, pp. 192-198.
- 1887d. Report on insects injurious to garden crops in Florida. U.S. Dept. Agric. Div. Ent. Bull. 14, pp. 9-29.
- 1888a. Descriptions of some unknown parasitic Hymenoptera in the collection of the Kansas Agricultural College, received from Prof. E. A. Popenoe. Bull. Kansas State Agric. College 3, Appendix, pp. i-viii, 3 figs.
- 1888b. Descriptions of some new genera and species of Canadian Proctotrupidae. Canadian Ent., vol. 20, pp. 48-55.
1890. On the Hymenoptera of Colorado. Bull. Colorado Biol. Assoc. 1, pp. 1-47.

1893. A monograph of the North American Proctotrypidae. U.S. Nat. Mus. Bull. 45, 472 pp., 2 figs, 18 pls.
1894. A new genus and species of Proctotrypidae and a new species of *Brachysticha* bred by Prof. F. M. Webster. Journ. Cincinnati Soc. Nat. Hist., vol. 17, pp. 170-172.
- 1895a. Descriptions of three new parasitic Hymenoptera from the Illinois River. Illinois Lab. Nat. Hist. Bull. 4, pp. 274-277, 3 pls.
- 1895b. Description of a new species of *Telenomus* bred by Mr. F. W. Urich from a coccid. Journ. Trinidad Field Naturalists' Club, vol. 2, p. 220.
- 1895c. Description of a new genus and new species of proctotrypid bred by Mr. F. W. Urich from an embiid. Journ. Trinidad Field Naturalists' Club, vol. 2, pp. 264-266.
1897. Descriptions of some new genera and species of Canadian Proctotrypidae. Canadian Ent., vol. 29, pp. 53-56.
- 1898a. A new species of *Roptronia*. Proc. Ent. Soc. Washington, vol. 4, pp. 132-133.
- 1898b. Descriptions of new parasitic Hymenoptera. Proc. Ent. Soc. Washington, vol. 4, pp. 155-171.
1899. An egg-parasite of *Pamphila metacomet*. In Harrington, Catalogue of Canadian Proctotrypidae, Trans. Roy. Soc. Canada, vol. 5, pp. 169-206.
- 1901a. Descriptions of five new parasitic Hymenoptera. New York State Bull. 47, pp. 587-589.
- 1901b. Three new parasitic Hymenoptera from South Africa. Canadian Ent., vol. 33, pp. 138-140.
- 1902a. A new genus of diapiroids from Texas. Biol. Bull., vol. 3, p. 15.
- 1902b. Papers from the Harriman Alaska Expedition. XXVIII. Hymenoptera. Proc. Washington Acad. Sci., vol. 4, pp. 117-274, 3 pls.
- 1904a. A new genus and some new species of Hymenoptera from the Philippine Islands. Canadian Ent., vol. 36, pp. 281-285.
- 1904b. Descriptions of new genera and species of Hymenoptera from the Philippine Islands. Proc. U.S. Nat. Mus., vol. 28, pp. 127-158, 2 pls.
- 1904c. A list of the Hymenoptera of the Philippine Islands, with descriptions of new species. Journ. New York Ent. Soc., vol. 12, pp. 1-22.
- 1904d. Descriptions of new Hymenoptera from Japan. I. Journ. New York Ent. Soc., vol. 12, pp. 65-84.
- 1905a. New Hymenoptera from the Philippine Islands. Canadian Ent., vol. 37, pp. 3-8.
- 1905b. Additions to the recorded hymenopterous fauna of the Philippine Islands, with descriptions of new species. Proc. U.S. Nat. Mus., vol. 28, pp. 957-971.
- 1905c. New Hymenoptera from the Philippines. Proc. U.S. Nat. Mus., vol. 29, pp. 107-119.
- 1905d. New genera and species of Hymenoptera from the Philippines. Proc. U.S. Nat. Mus., vol. 29, pp. 397-413.
- BRUES, C. T.
1905. Notes and descriptions of North American parasitic Hymenoptera. Bull. Wisconsin Nat. Hist. Soc., vol. 3, pp. 183-188.
- 1907a. Notes and descriptions of North American parasitic Hymenoptera. IV. Bull. Wisconsin Nat. Hist. Soc., vol. 5, pp. 96-111.

- 1907b. Notes and descriptions of North American parasitic Hymenoptera. V. Bull. Wisconsin Nat. Hist. Soc., vol. 5, pp. 150-161.
1909. Notes and descriptions of North American parasitic Hymenoptera. VII. Bull. Wisconsin Nat. Hist. Soc., vol. 6, pp. 154-163, 2 figs.
1916. A new species of *Lepidopria* from North America. Psyche, vol. 23, pp. 126-127, 1 fig.
- COCKERELL, T. D. A.
1897. A parasite of hemipterous eggs. Canadian Ent., vol. 29, pp. 25-26.
1905. American Hymenoptera: New bees and a new proctotrypid. Annals Mag. Nat. Hist., ser. 7, vol. 15, pp. 200-204.
- CRAWFORD, J. C.
1909. A new family of parasitic Hymenoptera. Proc. Ent. Soc. Washington, vol. 11, pp. 63-64.
- 1910a. New parasitic Hymenoptera. Proc. Ent. Soc. Washington, vol. 11, pp. 203-207.
- 1910b. Two new species of African parasitic Hymenoptera. Canadian Ent., vol. 42, pp. 222-223.
- 1910c. New Hymenoptera from the Philippine Islands. Proc. U.S. Nat. Mus., vol. 38, pp. 119-133.
- 1911a. Descriptions of new Hymenoptera, no. 2. Proc. U.S. Nat. Mus., vol. 40, pp. 439-449.
- 1911b. Descriptions of new Hymenoptera, no. 3. Proc. U.S. Nat. Mus., vol. 41, pp. 267-282, 6 figs.
1912. Descriptions of new Hymenoptera, no. 4. Proc. U.S. Nat. Mus., vol. 42, pp. 1-10, 2 figs.
- 1913a. Descriptions of new Hymenoptera, no. 6. Proc. U.S. Nat. Mus., vol. 45, pp. 241-260, 2 figs.
- 1913b. Descriptions of new Hymenoptera, no. 8. Proc. U.S. Nat. Mus., vol. 46, pp. 343-352, 8 figs.
1914. New parasitic Hymenoptera from British Guiana. Proc. Ent. Soc. Washington, vol. 16, pp. 85-88.
1915. Descriptions of new Hymenoptera, no. 9. Proc. U.S. Nat. Mus., vol. 48, pp. 577-586, 11 figs.
1916. Some new American Hymenoptera. Insecutor Inscitiae Menstruus, vol. 4, pp. 135-144.
- CRAWFORD, J. C., and BRADLEY, J. C.
1911. A new *Pelecinus*-like genus and species of Platygasteridae. Proc. Ent. Soc. Washington, vol. 13, pp. 124-125, 1 pl.
- DALLA TORRE, C. G. DE
1898. Catalogus Hymenopterorum. Chalcididae et Proctotrupidae, vol. 5, 598 pp.
- DOZIER, H. L.
1931. A new scelionid egg parasite of the black widow spider. Proc. Ent. Soc. Washington, vol. 33, pp. 27-28.
- FITCH, A.
1856. Second report on the noxious, beneficial and other insects of the State of New York. Trans. New York State Agric. Soc., vol. 15, pp. 409-559, 9 figs., 4 pls.
1861. Sixth report on the noxious and other insects of the State of New York. Trans. New York State Agric. Soc., vol. 20, pp. 745-868, 2 pls.

1863. Eighth report on the noxious and other insects of the State of New York. Trans. New York State Agric. Soc., vol. 22, pp. 657-691, 2 figs.
- FOUTS, R. M.
1920. Some new parasites, with remarks on the genus *Platygaster* (Hymenoptera). Proc. Ent. Soc. Washington, vol. 22, pp. 61-72.
1923. Description of a new serphoid parasite (Hymenoptera). Proc. Ent. Soc. Washington, vol. 25, pp. 64-65, 1 fig.
- 1924a. New bethylid and serphoid parasites from North America (Hymenoptera). Proc. Ent. Soc. Washington, vol. 26, pp. 159-166.
- 1924b. Revision of the North American wasps of the subfamily *Platygastrinae*. Proc. U.S. Nat. Mus., vol. 63, art. 15, pp. 1-145, 1 pl., 10 figs.
- 1925a. New serphoid parasites from the United States (Hymenoptera). Proc. Ent. Soc. Washington, vol. 27, pp. 93-103.
- 1925b. New serphoid parasites from North and South America (Hymenoptera). Proc. Ent. Soc. Washington, vol. 27, pp. 147-152.
1926. Notes on Serphoidea with descriptions of new species (Hymenoptera). Proc. Ent. Soc. Washington, vol. 28, pp. 167-179, 2 figs.
1927. Descriptions of new nearctic Serphoidea (Hymenoptera). Proc. Ent. Soc. Washington, vol. 29, pp. 165-179, 1 fig.
1929. New bethylid and serphoid parasites from Borneo and the Philippine Islands. Philippine Journ. Sci., vol. 41, pp. 1-11, 4 figs.
1930. A new species of *Microphanurus* from Italian Somaliland (Hymenoptera Scelionidae). Boll. Soc. Ent. Italiana, vol. 62, pp. 118-119, 1 fig.
1939. Descriptions of one new genus and three new species of Diapriidae (Hymenoptera). Proc. Ent. Soc. Washington, vol. 41, pp. 260-263, 1 pl.
1948. Parasitic wasps of the genus *Trimorus* in North America. Proc. U.S. Nat. Mus., vol. 98, pp. 91-148, 15 figs.
1966. Three new species of Proctotrupeoidea (Hymenoptera). Proc. Ent. Soc. Washington, vol. 68, pp. 17-20.
- FULLAWAY, D. T.
1913. Report on a collection of Hymenoptera made in Guam, Marianne Islands. Proc. Hawaiian Ent. Soc., vol. 2, pp. 282-290.
- GAHAN, A. B.
1912. Descriptions of two new genera and six new species of parasitic Hymenoptera. Proc. Ent. Soc. Washington, vol. 14, pp. 2-8.
1913. New Hymenoptera from North America. Proc. U.S. Nat. Mus., vol. 46, pp. 431-443, 1 pl.
1917. Descriptions of some new parasitic Hymenoptera. Proc. U.S. Nat. Mus., vol. 53, pp. 195-217.
- 1919a. A new species of the serphoid genus *Dendrocercus* (Hymenoptera). Proc. Ent. Soc. Washington, vol. 21, pp. 121-123.
- 1919b. Report on a small collection of Indian parasitic Hymenoptera. Proc. U.S. Nat. Mus., vol. 56, pp. 513-524.
1920. New reared parasitic Hymenoptera from the Philippines. Philippine Journ. Sci., vol. 17, pp. 343-351.
1922. Descriptions of miscellaneous new reared parasitic Hymenoptera. Proc. U.S. Nat. Mus., vol. 61, art. 24, pp. 1-24, 1 pl.

1924. Some new parasitic Hymenoptera with notes on several described forms. Proc. U.S. Nat. Mus., vol. 65, art. 4, pp. 1-23.
1925. A second lot of parasitic Hymenoptera from the Philippines. Philippine Journ. Sci. vol. 27, pp. 83-111, 1 pl.
1926. A new egg-parasite (Hymenoptera: Serphoidea). Proc. Ent. Soc. Washington, vol. 28, p. 67.
1927. Miscellaneous descriptions of new parasitic Hymenoptera with some synonymical notes. Proc. U.S. Nat. Mus., vol. 71, art. 4, pp. 1-39, 3 figs., 1 pl.
1932. Miscellaneous descriptions and notes on parasitic Hymenoptera. Ann. Ent. Soc. Amer., vol. 25, pp. 736-757.
- GIRAULT, A. A.
1906. Two new species of *Telenomus*. Psyche, vol. 12, pp. 63-66.
1915. Notes on two South American parasitic Hymenoptera. The Entomologist, vol. 48, pp. 213-214.
- 1916a. A new genus of Scelionidae from the West Indies. The Entomologist, vol. 49, pp. 198-199.
- 1916b. A new *Phanurus* from the United States, with notes on allied species. Canadian Ent., vol. 48, pp. 149-150.
- 1917a. A new *Embidobia* from India. The Entomologist, vol. 50, pp. 152-153.
- 1917b. New Javanese Hymenoptera (private publication), 12 pp.
1920. New serphidoid, cynipoid, and chalcidoid Hymenoptera. Proc. U.S. Nat. Mus., vol. 58, pp. 177-216.
- HOWARD, L. O.
1885. *Hadronotus leptocorisae*, n. sp. In Hubbard, Insects affecting the orange (Report to the Entomologist of the U.S. Dept. Agric.), p. 215.
- 1889a. The hymenopterous parasites of North American butterflies. In Scudder, Butterflies of the eastern United States and Canada, pp. 1869-1911, 2 pls.
- 1889b. A parasite of the supposed eggs of the cotton stainer. Insect Life, vol. 1, pp. 241-242, 1 fig.
- 1889c. Three new parasites of *Icerya*. Insect Life, vol. 1, pp. 268-270, 3 figs.
- 1890a. Some new parasites of the grain plant-louse. Insect Life, vol. 2, pp. 246-248, 4 figs.
- 1890b. Two spider-egg parasites. Insect Life, vol. 2, pp. 269-271, 2 figs.
1891. Another spider-egg parasite. Insect Life, vol. 4, p. 202.
- JACKSON, D. L.
1966. A new species of *Metanopedias* from Great Britain (Hymenoptera: Platygasteridae). Ann. Ent. Soc. America, vol. 59, pp. 734-736, 3 figs.
- KEMAL, M.
1926. Four new species of parasites from aphidophagous Syrphidae (Hymenoptera). Canadian Ent., vol. 58, pp. 283-285.
- KIEFFER, J. J.
- 1910a. Hymenoptera, Fam. Scelionidae, addenda et corrigenda. In Wytsman, Genera Insectorum, fasc. 80B, pp. 61-112, 27 figs.
- 1910b. Hymenoptera, Fam. Belytidae. In Wytsman, Genera Insectorum, fasc. 107, pp. 1-47, 3 pls.

1911. Proctotrypidae. In André, Spec. Hym. Eur. Alg., vol. 10, 1014 pp., 30 pls.
1926. Scelionidae. Das Tierreich, Lief. 48, 885 pp., 340 figs.
- KROMBEIN K. V., and BURKS, B. D.
1967. Hymenoptera of America north of Mexico—synoptic catalog. U.S. Dept. Agric., Agric. Monogr. no. 2, suppl. 2, 584 pp.
- MANN, W. M.
1920. A proctotrypid inquiline with *Formica exsectoides* Forel (Hymenoptera). Proc. Ent. Soc. Washington, vol. 22, pp. 59-60.
1923. Two serphoid guests of *Eciton* (Hymenoptera). Proc. Ent. Soc. Washington, vol. 25, pp. 181-182, 1 fig.
- MASNER, L.
1964. A comparison of some nearctic and palearctic genera of Proctotrupoidea (Hymenoptera) with revisional notes. Acta Soc. Ent. Čechsl., vol. 61, pp. 123-155, 8 figs.
1965. The types of Proctotrupoidea (Hymenoptera) in the British Museum (Natural History) and in the Hope Department of Entomology, Oxford. Bull. British Mus. (Nat. Hist.) Ent., suppl. 1, 154 pp.
- MORRILL, A. W.
1907. Description of a new species of *Telenomus* with observations on its habits and life history. The American Naturalist, vol. 41, pp. 417-430, 3 figs.
- MUESEBECK, C. F. W.
1935. Three new reared parasitic Hymenoptera, with some notes on synonymy. Journ. Washington Acad. Sci., vol. 25, pp. 279-283.
- 1939a. Three new hymenopterous parasites of the *Lemna* fly. Proc. Ent. Soc. Washington, vol. 41, pp. 58-62, 1 fig.
- 1939b. A new mealybug parasite (Hymenoptera: Scelionidae). Canadian Ent., vol. 71, pp. 158-160, 1 fig.
1942. Two new species of *Allotropia* (Platygasterinae, Serphoidea) parasitic on the Comstock mealybug. Bull. Brooklyn Ent. Soc., vol. 37, pp. 170-173, 1 fig.
1950. A new flightless *Phaenopria* (Hymenoptera: Diapriidae). Canadian Ent., vol. 81, pp. 234-235, 1 fig.
1954. Three new mealybug parasites of the genus *Allotropia* (Hymenoptera: Platygasteridae). Bull. Brooklyn Ent. Soc., vol. 49, pp. 18-21, 1 fig.
1958. Superfamily Proctotrupoidea. In Krombein, Hymenoptera of America north of Mexico—synoptic catalog. U.S. Dept. Agric., Agric. Monogr. no. 2, suppl. 1, pp. 88-94.
1959. New reared species of *Lygocerus* Foerster (Hymenoptera: Cerafronidae). Ent. News, vol. 70, pp. 91-96, 1 fig.
1961. A new Japanese *Trichopria* parasitic on the house fly (Hymenoptera: Diapriidae). Mushi, vol. 35, pp. 1-2, 1 fig.
1963. A platygasterid parasite of certain wasp larvae. Beitr. zur Ent., vol. 13, pp. 391-394, 1 fig.
- MUESEBECK, C. F. W., and WALKLEY, LUELLA M.
1951. Superfamily Proctotrupoidea. In Muesebeck et al., Hymenoptera of America north of Mexico—synoptic catalog. U.S. Dept. Agric., Agric. Monogr. no. 2, pp. 655-718.

1956. Type species of the genera and subgenera of parasitic wasps comprising the superfamily Proctotrupeoidea (order Hymenoptera). Proc. U.S. Nat. Mus., vol. 105, pp. 319-419.
- MYERS, P. R.  
1917. A new American parasite of the Hessian fly (*Mayetiola destructor* Say). Proc. U.S. Nat. Mus., vol. 53, pp. 255-257.
- NIXON, G. E. J.  
1957. Hymenoptera: Proctotrupeoidea, Diapriidae subfamily Belytinae. In Handbooks for the identification of British insects, Roy. Ent. Soc. London, vol. 8, pt. 3, 107 pp., 314 figs.
- PRIESNER, H.  
1951. New genera and species of Scelionidae (Hymenoptera, Proctotrupeoidea) from Egypt. Bull. Inst. Fouad 1<sup>er</sup> Désert, vol. 1, pp. 119-149, 15 figs.
- PROVANCHER, L.  
1887. Additions et corrections au volume II de la faune entomologique du Canada, Hyménoptères, Fam. VII., pp. 173-184.
- PSCHORN-WALCHER, H.  
1956. *Aphanogmus nigroformicatus* nov. spec. (Proctotrupeoidea, Cera-phronidae), ein Parasit der räuberisch an Adelgiden lebenden Gallenmückenlarven von *Aphidoletes thompsoni* Moehn. Mitt. Schweiz. Ent. Ges., vol. 29, pp. 353-362, 3 figs.  
1958. Zur Kenntnis der Proctotrupidae der *Thomsonina*-Gruppe. Beitr. zur Ent., vol. 8, pp. 724-731, 3 figs.
- RILEY, C. V.  
1878. The Rocky Mountain locust. Its habits and natural history. First Rep. U.S. Ent. Comm., pp. 212-334, 66 figs.  
1887. Report of the entomologist for the year 1886. In Annual Report for the Department of Agriculture for the year 1886, pp. v and 459-592, 11 pls.
- ROHWER, S. A.  
1909. New Hymenoptera from western United States. Trans. Amer. Ent. Soc., vol. 35, pp. 99-136.  
1917. Descriptions of thirty-one new species of Hymenoptera. Proc. U.S. Nat. Mus., vol. 53, pp. 151-176.
- STELFOX, A. W.  
1950. A new species of *Cryptoserphus* (Hymenoptera, Proctotrupinae) from Ireland. Ent. Monthly Mag., vol. 86, pp. 314-315, 5 figs.
- TIMBERLAKE, P. H.  
1932. Three new parasitic Hymenoptera from the Indo-Malayan region. Proc. Hawaiian Ent. Soc., vol. 8, pp. 153-162.
- TOWNES, H.  
1948. The serphoid Hymenoptera of the family Roproniidae. Proc. U.S. Nat. Mus., vol. 98, pp. 85-89, 1 fig.
- WILCOX, A. M.  
1920. Notes and descriptions of species of *Telenomus* having ten-jointed antennae (Hymenoptera: Scelionidae). Psyche, vol. 27, pp. 78-81.



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