

THE TYPES OF PROCTOTRUPOIDEA
(HYMENOPTERA) IN THE CHARLES T. BRUES
COLLECTION AT THE MUSEUM OF COMPARATIVE
ZOOLOGY

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During a two week visit to the Museum of Comparative Zoology in June, 1964, I examined the types of 60 species of Proctotrupeoidea described by Charles T. Brues. These belonged to the following families: 21 Proctotrupidae, 7 Diapriidae, 13 Scelionidae, 15 Platygasteridae, and 4 Ceraphronidae. In the present report a number of lectotypes are selected, some new combinations are suggested, and an account of the state of preservation of all types listed is given. The names and synonymy used in this paper are those proposed by Masner and Muesebeck (Supplement 2, Hymenoptera of America north of Mexico. United States Department of Agriculture, in press). The taxonomic categories subfamily and tribe are not used in the present paper; the genera and species are arranged alphabetically throughout the families. Under each species are listed the various labels on the type specimen, from top to bottom, each "label" being separated by a semicolon. Specimens are glued to card points except when specifically mentioned as pinned (on minuten nadeln).

Family PROCTOTRUPIDAE

Codrus Panzer, 1801

Codrus angusticeps (Brues)

Proctotrypes angusticeps Brues, 1910. Wis. Nat. Hist. Soc. Bul. 7: 112. Mt. Constitution, Jul. 09, Wash.; Type; MCZ type label; *Exallonyx angusticeps* Brues

Holotype female No. 31002, well preserved. Unique.

Codrus ashmeadi (Brues)

Exallonyx ashmeadi Brues, 1919. N. Y. Ent. Soc. Jour. 27: 10, 13.

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Thanks are extended to the staff of the Museum of Comparative Zoology, particularly to Professor E. Mayr, Dr. H. E. Evans, and Professor P. J. Darlington, Jr. Thanks are also due to the National Research Council of Canada for support during completion of this paper.

Manuscript received by the editor January 16, 1966.

Machias, Me., VII-20-09, C. W.; MCZ type label; *Exallonyx ashmeadi* Brues

Holotype male No. 31006, well preserved. Three paratype males.

Codrus carinatus (Brues)

Exallonyx carinatus Brues, 1919. N. Y. Ent. Soc. Jour. 27: 11, 15.

Oroville, Wash., May 1, 1912; Type; MCZ type label; *Exallonyx carinatus* Brues

Holotype male No. 30993, well preserved. Unique.

Codrus fuscicornis (Brues)

Exallonyx fuscicornis Brues 1919. N. Y. Ent. Soc. Jour. 27: 10, 12.

Woods Hole, Mass.; Type; MCZ type label; *Exallonyx fuscicornis* Brues

Holotype male No. 31005, well preserved. Unique.

Codrus grandis (Brues)

Exallonyx grandis Brues, 1919. N. Y. Ent. Soc. Jour. 27: 11, 17.

Ramsey, N. J.; VIII-22-9; Type; MCZ type label; *Exallonyx grandis* Brues

Holotype female No. 31010, well preserved. Unique.

Codrus obscuripes (Brues)

Proctotrypes obscuripes Brues, 1910. Wis. Nat. Hist. Soc. Bul. 7: 112, 114.

Mt. Constitution, Jul. 09, Wash.; Type; MCZ type label; *Exallonyx obscuripes* Brues

Holotype male No. 31007, well preserved. One paratype male + documentary specimens.

Codrus pallidicornis (Brues)

Exallonyx pallidicornis Brues, 1919. N. Y. Ent. Soc. Jour. 27: 11, 14.

Putnam Ct., 12 July 1905, HL Viereck; Type; MCZ type label; *Exallonyx pallidicornis* Brues

Holotype male No. 30994, well preserved. Two paratype males.

Codrus parvulus (Brues)

Exallonyx parvulus Brues, 1919. N. Y. Ent. Soc. Jour. 27: 11, 16.

Oroville, Wash., I-IV, Melander; Type; MCZ type label; *Exallonyx parvulus* Brues

Holotype male No. 30992, left antenna after 9th segment off. Eleven paratype males.

Codrus placidus (Brues)

Proctotrypes placidus Brues, 1910. Wis. Nat. Hist. Soc. Bul. 7: 112, 113.

Mt. Constitution, Jul. 31-8, Wash.; Type; MCZ type label; *Exallonyx placidus* Brues

Holotype male No. 31004, well preserved. Unique.

Codrus pleuralis (Brues)

Exallonyx pleuralis Brues, 1919. N. Y. Ent. Soc. Jour. 27: 10, 14.

Type; MCZ type label; *Exallonyx pleuralis* Brues

Holotype male No. 30991, well preserved. Two paratype males.

Codrus serricornis (Brues)

Proctotrypes serricornis Brues, 1910. Wis. Nat. Hist. Soc. Bul. 7: 112, 115.

Puget Sound, Wash., Jul. 08; Type; MCZ type label; *Exallonyx serricornis* Brues

Holotype male No. 31009, right antenna after 6th segment and left antenna after 3rd segment missing. Two paratype males.

Codrus similis (Brues)

Exallonyx similis Brues, 1919. N. Y. Ent. Soc. Jour. 27: 10, 11.
Tacoma, Wash., 28-VIII-11; Type; MCZ type label; *Exallonyx similis*
Brues

Holotype female No. 31003. Four paratype females.

Codrus simplicior (Brues)

Proctotrupes simplicior Brues, 1910. Wis. Nat. Hist. Soc. Bul. 7: 112, 116.
Puget Sound, Wash., Jul. 08; Type; MCZ type label; *Exallonyx simplicior*
Brues

Holotype male No. 30990, right antenna after 7th segment missing, left antenna and wings missing, legs and gaster glued separately to card point. Unique (!).

Cryptoserphus Kieffer, 1907

Cryptoserphus melanderi Brues

Cryptoserphus melanderi Brues, 1919. N. Y. Ent. Soc. Jour. 27: 8.
Pullman, Wash., V-18-09; Type; MCZ type label; *Cryptoserphus melanderi*
Brues

Holotype male No. 31000, well preserved. Two paratype males.

Cryptoserphus occidentalis Brues

Cryptoserphus occidentalis Brues, 1919. N. Y. Ent. Soc. Jour. 27: 7.
Chatcolet Lake, Idaho, VIII-1915, A. L. Melander; Type; MCZ type
label; *Cryptoserphus occidentalis* Brues

Holotype female No. 30999, left antenna missing after 2nd segment. Four paratype females.

Nothoserphus Brues, 1940

Nothoserphus mirabilis Brues

Notroserphus mirabilis Brues, 1940. Amer. Acad. Arts Sci. Proc. 73: 263.
Taihorin, Formosa, H. Sauter, 1911; 7. VII; MCZ type label; *Nothoserphus mirabilis*
Brues

Holotype male No. 29789, left antenna broken after 3rd segment, but remainder glued to mount; right antenna missing after 9th segment (pinned). One paratype male.

Phaenoserphus Kieffer, 1908

Phaenoserphus longipes Brues

Phaenoserphus longipes Brues, 1919. N. Y. Ent. Soc. Jour. 27: 9.
Almota, Wash., 24-VI, Melander; Type; MCZ type label; *Phaenoserphus longipes*
Brues

Holotype male No. 31001, well preserved. Unique.

Proctotrupes Latreille, 1796

Proctotrupes cockerelli (Brues)

Serphus cockerelli Brues, 1919. N. Y. Ent. Soc. Jour. 27: 3, 4.
Eldora, Colo., Aug. 18 (Cockerell); Type; MCZ type label; *Serphus cockerelli*
Brues

Holotype male No. 30997, well preserved (pinned). Unique.

Proctotrupes debilis (Brues)

Serphus debilis Brues, 1919. N. Y. Ent. Soc. Jour. 27: 3, 5.
Wawai, Wash., 20-V-11; Type; MCZ type label; *Serphus debilis* Brues
Holotype male No. 30998, well preserved. Unique.

Proctotrupes sequoiarum (Brues)

Serphus sequoiarum Brues, 1919. N. Y. Ent. Soc. Jour. 27: 3, 4.
Muir Woods, VIII-7-15, Cal., A. L. Melander; Type; MCZ type label;
Serphus sequoiarum Brues

Holotype male No. 30996, left antenna after 8th segment off, left
front leg after coxa missing. Unique.

Proctotrupes zabriskiei (Brues)

Serphus zabriskiei Brues, 1919. N. Y. Ent. Soc. Jour. 27: 2, 3.
Rochester, N. Y., J. L. Zabriskie, 10. VI. 1905; Type; MCZ type label;
Serphus zabriskiei Brues

Holotype female No. 30995, left antenna after 8th segment off.
Unique.

Family DIAPRIIDAE

Auxopaedeutes Brues, 1903*Auxopaedeutes lyriformis* Brues

Auxopaedeutes lyriformis Brues, 1910. Wis. Nat. Hist. Soc. Bul. 8: 82.
Forest Hills, Mass., V-16-1910; MCZ type label; *Auxopaedeutes lyri-*
formis Brues Type

Holotype female No. 31027, well preserved. Unique.

Entomacis Foerster, 1856*Entomacis ambigua* (Brues)

Hemilexodes ambigua Brues, 1903. Amer. Ent. Soc. Trans. 29: 126.
Nest *Stenamamma fulvum piceum*, Colebrook, 8.25.01; Type; MCZ type
label; lectotype selected by L. Masner, 1964; *Hemilexodes ambigua* Brues

Lectotype female No. 31021, well preserved. Two additional fe-
males (paralectotypes).

Hoplopria Ashmead, 1893*Hoplopria grandis* Brues

Hoplopria grandis Brues, 1915. Psyche 22: 11.
Porto Velho, Rio Madeira, Brazil, Mann & Baker; Type; MCZ type
label; *Hoplopria grandis* Brues ♀ type

Holotype female No. 31022, well preserved. Unique.

Psilus Panzer, 1801*Psilus debilis* (Brues) comb. n.

Galesus debilis Brues, 1915. Psyche 22: 12.
Independencia, Parahyba, Brazil, Mann & Heath; Type; MCZ type label;
Galesus debilis Brues ♀ type

Holotype female No. 31025, well preserved. Unique.

Trichopria Ashmead, 1893*Trichopria acutiventris* (Brues)

Phaenopria acutiventris Brues, 1902. Amer. Nat. 36: 372.

Austin, Tex., 3.01; Type; MCZ type label; in nest *Eciton caecum*;
Phaenopria acutiventris Brues

Holotype female No. 31026, well preserved. Unique.

Xanthopria Brues, 1915

Xanthopria nitida Brues

Xanthopria nitida Brues, 1915. Psyche 22: 11.

Independencia, Parahyba, Brazil, Mann & Heath; Type; MCZ type label; *Xanthopria nitida* Brues ♀ type

Holotype female No. 31024, well preserved. Two paratype females (!).

Xanthopria opaca Brues

Xanthopria opaca Brues, 1915. Psyche 22: 10.

Independencia, Parahyba, Brazil, Mann & Heath; Type; MCZ type label; *Xanthopria opaca* Brues ♀ type

Holotype female No. 31023, well preserved. Two paratype females.

Family SCELIONIDAE

Calotelea Westwood, 1837

Calotelea parvipennis Melander et Brues

Calotelea (!) *parvipennis* Melander et Brues, 1903. Biol. Bul. 5: 22.

Woods Hole, Mass.; *Halictus*; Type; MCZ type label; *Calotelea parvipennis* Melander et Brues type

Holotype female No. 31014, right antenna after 7th segment and left antenna after 6th segment off. Unique (!).

Gryon Haliday, 1833

Gryon robustus (Brues)

Hadronotus robustus Brues, 1907. Wis. Nat. Hist. Soc. Bul. 5: 156.

Austin, Tex.; Type; MCZ type label; *Hadronotus robustus* Brues

Holotype female No. 31017, well preserved. Unique.

Lepidoscelio Kieffer, 1905

Lepidoscelio viatrix Brues

Lepidoscelio viatrix Brues, 1917. Nat. Acad. Sci. Proc. 3: 139.

MCZ type label; *Lepidoscelio viatrix* Brues, type

Holotype female No. 31018. Two paratype females ("On an *Orthacris* sp. det Uvarov").

Macroteleia Westwood, 1835

Macroteleia caerulea (Brues) comb. n.

Cacellus caeruleus Brues, 1918. Mus. Comp. Zool. Harv. Bul. 62: 122.

Graciosa Bay, Santa Cruz Is., W. M. Mann '16; MCZ type label; *Cacellus caeruleus* Brues

Holotype female No. 9070, well preserved. Unique.

Classified in *Macroteleia* with some doubts.

Macroteleia herbigrada Brues

Macroteleia herbigrada Brues, 1915. Psyche 22: 7.

Independencia, Parahyba, Brazil, Mann and Heath; Type; MCZ type label; *Macroteleia herbigrada* Brues, type ♂

Holotype male No. 31016, right antenna after 6th segment off. Unique.

Macroteleia pallipes (Brues) comb. n.

Hoploleleia pallipes Brues, 1915. Psyche 22: 8.

Para, Brazil, W. M. Mann; Type; MCZ type label; *Hoploleleia pallipes* Brues, type ♂

Holotype male No. 31013, well preserved. Unique.

Classified in *Macroteleia* Westwood with some doubts.

Paridris Kieffer, 1908

Paridris nigricornis (Brues)

Idris nigricornis Brues, 1903. Amer. Ent. Soc. Trans. 29: 125.

Mixed nest Myr. Lep., Colebrook, 9-10-01; MCZ type label; lectotype selected by L. Masner, 1964; *Idris nigricornis* Brues, types (!).

Lectotype male No. 31016, left antenna after 8th segment off. Two paralectotype males.

Scelio Latreille, 1805

Scelio nitens Brues

Scelio nitens Brues, 1906. Wis. Nat. Hist. Soc. Bul. 4: 110.

Type; Algoa Bay, Capland, 29.11.96, Dr. H. Brauns; MCZ type label; lectotype selected by L. Masner, 1964; *Scelio nitens* Brues

Lectotype female No. 31019, well preserved. Two paralectotype females (!) (? conspecific with lectotype).

Scelio pulchripennis Brues

Scelio pulchripennis Brues, 1906. Wis. Nat. Hist. Soc. Bul. 4: 109.

Type: Algoa Bay, Capland, 22.1.96, Dr. Brauns; MCZ type label; *Scelio pulchripennis* Brues

Holotype female No. 31020, well preserved. Unique (!).

Scelio setiger Brues

Scelio setiger Brues, 1918. Mus. Comp. Zool. Harv. Bul. 62: 121.

Ugi, British Solomon Is., W. M. Mann; MCZ type label; *Scelio setiger* Brues

Holotype female No. 9069, well preserved.

Telenomus Haliday, 1833

Telenomus fiskei Brues

Telenomus fiskei Brues, 1910. Psyche 17: 106.

Machias, Me., Aug. 20, 1909; Type; MCZ type label; *Telenomus fiskei* Brues

Holotype female No. 31011, right antenna missing. Unique (!).

Telenomus heracleicola Brues

Telenomus heracleicola Brues, 1906. Wis. Nat. Hist. Soc. Bul. 45: 143, 146.

Wash. Exp. Sta. No. 026; Type; MCZ type label; lectotype selected by L. Masner, 1964; *Telenomus heracleicola* Brues

Lectotype female No. 31012, well preserved (pinned). One paralectotype female (!).

Trimorus Foerster, 1856

Trimorus fortis (Brues) comb. n.

Hoplogryon fortis Brues, 1915. *Psyche* 22: 6.

Independencia, Parahyba, Brazil, Mann & Heath; Type; MCZ type label;

Hoplogryon fortis Brues ♂ type

Holotype male No. 30987, well preserved. Unique.

Family PLATYGASTERIDAE

Fidiobia Ashmead, 1895

Fidiobia tritici (Brues)

Rosneta tritici Brues, 1908. *Wis. Nat. Hist. Soc. Bul.* 6: 157.

Middleport, N. Y., 1908; Type; MCZ type label; *Rosneta tritici* Brues

Holotype female No. 300, missing from the card point (fore wing only left). Unique.

Gastrotrypes Brues, 1922

Gastrotrypes caudatus Brues

Gastrotrypes caudatus Brues, 1922. *Amer. Acad. Arts Sci. Proc.* 57: 272.

Forest Hills, Mass., 5,1916; MCZ type label; lectotype selected by L. Masner, 1964; *Gastrotrypes caudatus* Brues, types (!)

Lectotype female No. 31041, well preserved. 16 paralectotype females.

Gastrotrypes spatulatus Brues

Gastrotrypes spatulatus Brues, 1922. *Amer. Acad. Arts Sci. Proc.* 57: 271.

Kartabo, B. G., Jul. Aug. 1920, W. M. Wheeler; MCZ type label; lectotype selected by L. Masner, 1964; *Gastrotrypes spatulatus* Brues

Lectotype female No. 31040, well preserved. Two paralectotype females.

Isostasius Foerster, 1856

Isostasius crassus Brues

Isostasius crassus Brues, 1922. *Amer. Acad. Arts Sci. Proc.* 57: 277.

Kartabo, B. G., Jul. Aug. 1920, W. M. Wheeler; MCZ type label; *Isostasius crassus* Brues, type

Holotype female No. 31030, well preserved. Two paratype females.

Platygaster Latreille, 1809

Platygaster anormis (Brues)

Aneuron anormis Brues, 1910. *Wis. Nat. Hist. Soc. Bul.* 8: 49.

Albany, N. Y., IV-18, 1908; MCZ type label; lectotype selected by L. Masner, 1964; *Aneuron anormis* Brues

Lectotype male No. 31039, left antenna after 4th segment missing. Four paralectotype males and one paralectotype female.

Platygaster carinifrons (Brues) comb. n.

Polygnotus carinifrons Brues, 1910. *Broteria* 9: 155.

MCZ type label; lectotype selected by L. Masner, 1964; *Polygnotus carinifrons* Brues

Lectotype male (!) No. 31034, well preserved. Three paralectotype males but no female.

Platygaster coronatus (Brues) comb. n.

Polygnotus coronatus Brues, 1910. Broteria 9: 154.

MCZ type label; lectotype selected by L. Masner, 1964; *Polygnotus coronatus* Brues

Lectotype female No. 31035, well preserved. Three paralectotype males.

Platygaster latescens (Brues) comb. n.

Polygnotus latescens Brues, 1910. Broteria 9: 156.

MCZ type label; lectotype selected by L. Masner, 1964; *Polygnotus latescens* Brues

Lectotype female No. 31036, well preserved. Three paralectotype females.

Platygaster mediocris (Brues) comb. n.

Polygnotus mediocris Brues, 1910. Broteria 9: 157.

MCZ type label; lectotype selected by L. Masner, 1964; *Polygnotus mediocris* Brues

Lectotype female No. 31037, well preserved. Three paralectotype males.

Platygaster noveboracensis (Brues)

Eritrissomerus noveboracensis Brues, 1910. Wis. Nat. Hist. Soc. Bul. 8: 48.

Albany, N. Y., IV. 5, 1907; Type; MCZ type label; lectotype selected by L. Masner, 1964; *Eritrissomerus noveboracensis* Brues, types (!)

Lectotype male No. 31038, well preserved. Two paralectotype males.

Platygaster simplex (Brues) comb. n.

Polygnotus simplex Brues, 1922. Amer. Acad. Arts Sci. Proc. 57: 257.

#b; MCZ type label; lectotype selected by L. Masner, 1964; *Polygnotus simplex* Brues

Lectotype female No. 31032, well preserved. Two paralectotype females (!).

Platygaster tubulosa Brues

Platygaster tubulosa Brues, 1922. Amer. Acad. Arts Sci. Proc. 57: 276.

MCZ type label; *Platygaster tubulosa* Brues, type

Holotype female No. 31033, well preserved. Two paratype females.

Sceliotrachelus Brues, 1908

Sceliotrachelus braunsi Brues

Sceliotrachelus braunsi Brues, 1908. Genera Insectorum, fasc. 80: 13.

Algoa Bay, Capland, Dr. Brauns; MCZ type label; *Sceliotrachelus braunsi* Brues, type

Holotype male (!) No. 30989, right antenna after 7th segment off (pinned). One paratype male.

Synopeas Foerster, 1856

Synopeas minor (Brues)

Polymecus (Dolichotrypes) minor Brues, 1922. Amer. Acad. Arts Sci. Proc. 57: 268.

Kartabo, B. G., Jul. Aug. 1920, W. M. Wheeler; MCZ type label; lectotype selected by L. Masner, 1964; *Polymecus (Dolichotrypes) minor* Brues ♀♀

Lectotype female No. 31028, well preserved. Two paralectotype females (!).

Trichacis Foerster, 1856

Trichacis meridionalis (Brues) comb. n.

Xestonotus meridionalis Brues, 1910. Broteria 9: 150.

MCZ type label; lectotype selected by L. Masner, 1964; *Xestonotus meridionalis* Brues; *Trichacis* (Fouts)

Lectotype female No. 31031, well preserved. One paralectotype female (!).

Family CERAPHRONIDAE

Ceraphron Jurine, 1807

Ceraphron croceipes Brues

Ceraphron croceipes Brues, 1902. Amer. Nat. 36: 369.

Type; in nest *E. coecum*; MCZ type label; *Ceraphron croceipes* Brues

Holotype female No. 30984, well preserved. Unique.

Conostigmus Dahlbom, 1858

Conostigmus orcasensis (Brues)

Megaspilus orcasensis Brues, 1910. Wis. Nat. Hist. Soc. Bul. 7: 118

Puget Sound, Wash., Jul. 08; MCZ type label; *Megaspilus orcasensis* Brues, ♂ type

Holotype male No. 30985, well preserved. Unique.

Ecitonetes Brues, 1902

Ecitonetes subapterus Brues

Ecitonetes subapterus Brues, 1902. Amer. Nat. 36: 370.

Type; Austin, Tex.; MCZ type label; *Ecitonetes subapterus* Brues

Holotype female No. 30983, thorax slightly cracked. Unique.

Lygocerus Foerster, 1856

Lygocerus constrictus Brues

Lygocerus constrictus Brues, 1910. Wis. Nat. Hist. Soc. Bul. 7: 119.

Mt. Constitution, Jul. 09, Wash.; MCZ type label; *Lygocerus constrictus* Brues, type

Holotype male No. 30986, well preserved. Two paratype males.

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