

PROCEEDINGS OF THE UNITED STATES NATIONAL MUSEUM



SMITHSONIAN INSTITUTION
U. S. NATIONAL MUSEUM

Vol. 92

Washington: 1943

No. 3156

THE TYPE SPECIES OF THE GENERA AND SUBGENERA
OF BEES

By GRACE A. SANDHOUSE¹

INTRODUCTION

This paper² lists the genera and subgenera of the bees (superfamily Apoidea) and in each case cites what is considered to be the earliest correct genotype designation. Dalla Torre's *Catalogus Hymenopterorum*, the *Zoological Record*, and a card catalog of genera and species in the United States National Museum served as a basis for the preparation of this work. Emendations and some *lapsi* have been included, but not all the typographical errors. *Nomina nuda* are also recorded in order that possible uncertainty concerning the status of such names may be removed.

The first generic name to be proposed for a group of bees was *Apis* Linnaeus, 1758. By 1800 only 4 other names had been added: *Eucera* and *Nomada* Scopoli, 1770; *Andrena* Fabricius, 1775; and *Hylaeus* Fabricius, 1793. Beginning with 1800, however, the number of gen-

¹ Died on November 9, 1940.

² Although Miss Sandhouse had prepared the first draft of the manuscript before her death, she had no opportunity to review it critically and to put it into final form. P. W. Oman and I have attempted to do this. In the treatment of the names belonging in the Osmiinae and in the Bombidae we have been appreciably assisted by C. D. Michener and Dr. T. H. Frison, respectively, and this aid is gratefully acknowledged. In accord with the practice followed in other lists of this kind a genus containing only one specific name treated as valid is regarded as monobasic, although one or more synonyms may have been listed by the author of the generic name. Exceptions have been made, however, in the case of *Abrupta* Méhely, and of *Fasciata* Méhely, two names proposed since December 31, 1930, when Article 25c of the International Rules became effective.—C. F. W. MUESEBECK, Division of Insect Identification, Bureau of Entomology and Plant Quarantine, U. S. Department of Agriculture.

eric and subgeneric names increased rapidly. Fifty-nine genera were established from 1800 to 1810 inclusive; 28 genera and 1 subgenus from 1811 to 1840, inclusive; 191 genera and 60 subgenera from 1841 through 1899; and 281 genera and 103 subgenera from 1900 through 1938.

As is frequently true in an undertaking of this kind, the current interpretations of some well-known genera have been found to require modification. An attempt has been made to adhere strictly to the rules and opinions of the International Commission on Zoological Nomenclature, and reference is made to the rules or opinions on which the conclusions are based in the discussions under some of the genera. Recently some proposals for the suspension of the Rules of Nomenclature with reference to generic names in the bees have been submitted to the International Commission, and these are also mentioned under the names which would be affected. However, such proposals cannot be accepted until opinions on them have been rendered and published.

The names of Jurine's genera that appeared in the "Erlangen List"³ have recently been invalidated by Opinion 135 of the International Commission. The genotype designations of Latreille (1810) are considered valid by the International Commission (Opinion 11). *Megachile*, *Centris*, and *Anthophora*, however, were cited by Latreille with more than one species included under each and consequently cannot be regarded as having received type fixation in that publication (Opinion 36).

The necessity for a definite genotype designation for each genus or subgenus has been accepted by most systematic entomologists, and at its meeting in Budapest in 1927 the International Zoological Congress passed an amendment to Article 25 (law of priority) according to which a genus proposed after December 31, 1930, without a definite unambiguous designation of the type species, is to be considered as invalid under the Rules. Fortunately only a few names in the list that follows are affected by this ruling.

The terminology used in the present list is essentially that contained in Article 30 of the International Rules with the following exceptions: *Monobasic* is here used instead of *monotypic*, and *isogenotypic* is used in reference to two or more genera that have the same species as genotype.

The original work covered by each citation has been consulted, unless a statement to the contrary follows the reference. The dates of publication given by Sherborn in his *Index Animalium* have been used for most of the names published before 1850. These, in most in-

³ Erlangen Litteratur-Zeitung, vol. 1, p. 164, 1801.

stances, are in agreement with those given in *Nomenclator Animalium Genera et Subgenera*, published by the Preussische Akademie der Wissenschaften in Berlin (not yet complete), and Neave's *Nomenclator Zoologicus*, the final volume of which appeared in 1940. It should be noted, however, that the latter cites 1805 instead of 1804 as the date of publication of Fabricius' *Systema Piezatorum*, in agreement with the conclusions published by Richards.⁴

In arrangement this catalog follows rather closely that adopted by Rohwer, Viereck, and Gahan and Fagan in earlier genotype catalogs of other groups of Hymenoptera. The generic and subgeneric names are listed alphabetically with reference to the original description; and, if no species was originally included, the citation to the work in which the first species was assigned is given also. The number of species originally included is shown except in the case of monobasic genera. In each case mention of the genotype is followed by the date of original description and by an indication of the character and place of type fixation. If the genotype is considered to be a synonym, the name is enclosed in parentheses and is followed by the name of the valid species. Erroneous type designations are mentioned, together with reasons for considering them invalid.

ALPHABETICAL LIST OF GENERIC AND SUBGENERIC NAMES⁵

Abda, new name (= *Anthedon* ROBERTSON, 1900, not AGASSIZ, 1846).

Type.—*Melissodes compta* CRESSON, 1878. (Autobasic.)

Abrupta MÉHELY.

Naturgeschichte der Urbienen, pp. 32 and 137, 1935. Two names.

Proposed as a subgenus of *Prosopis* Fabricius.

Invalid under Article 25c of the International Rules of Zoological Nomenclature, since no genotype was designated.

Abrupta POPOV.

Compt. Rend. (Doklady) Acad. Sci. U. R. S. S., new ser., vol. 25, p. 167, 1939.

Type.—(*Hylaeus*) *Prosopis cornuta* (F. SMITH), 1842. (Monobasic and original designation.)

Acamptopoeum COCKERELL.

Trans. Amer. Ent. Soc., vol. 31, p. 320, 1905.

Type.—*Camptopocum trifasciatum* SPINOLA, 1851. (Monobasic and original designation.)

Acanthalictus COCKERELL.

Ann. Mag. Nat. Hist., ser. 9, vol. 14, p. 184, 1924. Two species.

Type.—*Halictus dybowskii* RADOSZKOWSKI, 1877. (Original designation.)

Acanthopus KLUG.

Magazin für Insektenkunde, vol. 6, pp. 199 and 226, 1807.

Type.—(*Apis*) *Xylocopa splendida* (FABRICIUS), 1793. (Monobasic.)

⁴ Trans. Roy. Ent. Soc. London, vol. 83, p. 144, 1935.

⁵ This list is believed to be complete for the literature through 1938, and some names that appeared in 1939 are included.

Acanthosmia THOMSON.

Hymenoptera Scandinaviae, vol. 2, pp. 233 and 252, 1872. No species.

SCHMIEDEKNECHT, in *Apidae Europaeae*, vol. 2, p. 20 [886], 1884-86 [1885].

Fifteen species.

Type.—*Osmia montivaga* MORAVITZ, 1872 (= *Osmia mitis* THOMSON, 1872, not NYLANDER, 1852). (Present designation.)

Proposed as a subgenus of *Osmia* Panzer.

(*Acanthosmiades* TITUS) for *Acanthosmioides* ASHMEAD.

Proc. Ent. Soc. Washington, vol. 6, p. 101, 1904.

Acanthosmioides ASHMEAD (= *Acanthosmiades* TITUS).

Trans. Amer. Ent. Soc., vol. 26, p. 76, 1899.

Type.—*Osmia odontogaster* COCKERELL, 1897. (Monobasic and original designation.)

Acentron MITCHELL.

Trans. Amer. Ent. Soc., vol. 59, pp. 303, 305, and 307, 1934. Five species.

Type.—*Megachile albitalarsis* CRESSON, 1872. (Original designation.)

Proposed as a subgenus of *Megachile* Latreille.

Aceratosmia SCHMIEDEKNECHT.

Apidae Europaeae, vol. 2, p. 19 [885], 1884-86 [1885]. Two species.

Type.—*Osmia emarginata* LEPELETIER, 1841. (By designation of Sandhouse, Mem. Ent. Soc. Washington, No. 1, p. 9, 1939.)

Proposed as a subgenus of *Osmia* Panzer.

Synonym of *Osmia* Panzer, according to Sandhouse (loc. cit., p. 9).

Acunomia COCKERELL.

Amer. Mus. Novitates, no. 433, p. 11, 1930. Three species.

Type.—*Nomia nortoni* CRESSON, 1868. (Original designation.)

Proposed as a subgenus of *Nomia* Latreille, or of *Paranomia* Friese.

Adventoribombus SKORIKOV.

Bull. Sta. Région, Protect. Plantes Petrograd, vol. 4, p. 150, 1922. Twenty-four species.

Type.—*Agrobombus* (*Adventoribombus*) *adventor* SKORIKOV, 1922. (Present designation because of virtual tautonymy.)

Proposed as a subgenus of *Agrobombus* Vogt.

Afrostelis COCKERELL.

Rev. Zool. Bot. Africaines, vol. 20, p. 340, 1931. Three species.

Type.—*Afrostelis tegularis* COCKERELL, 1931. (Original designation.)

Agapostemon GUÉRIN.

Iconographie du Règne animal de G. Cuvier., vol. 7, Insects, vol. 3, p. 448, 1844.

Type.—*Apis* (*Andrena*) *femoralis* GUÉRIN, 1844. (Monobasic.)

Proposed as a subgenus of *Andrena* Fabricius.

(*Aglaa* SCHULZ) for *Aglae* LEPELETIER AND SERVILLE.

Spolia Hymenopterologica, p. 258, 1906.

Aglae LEPELETIER AND SERVILLE (= *Aglaa* SCHULZ).

Encycl. Méthod., Hist. Nat., Ins., vol. 10, p. 105, 1825.

Type.—*Aglae cocculca* LEPELETIER AND SERVILLE, 1825. (Monobasic.)

Aglaoapis CAMERON.

Entomologist, vol. 34, p. 262, 1901.

Type.—*Aglaoapis brevipennis* CAMERON, 1901. (Monobasic.)

Synonym of *Dioxys* Lepeletier and Serville, according to Meade-Waldo, Ann. Mag. Nat. Hist., ser. 8, vol. 12, p. 496, 1913.

Agrobombus Vogt.

Sitz.-Ber. Ges. naturf. Freunde Berlin, p. 52, 1911. Seven species.

Type.—(*Apis*) *Bombus agrorum* (FABRICIUS), 1787, not SCHRANK, 1781.

(Present designation because of virtual tautonymy.)

Proposed as a subgenus of *Bombus* Latreille.

Apis agrorum Fabricius, 1787, is preoccupied by *Apis agrorum* Schrank, 1781,

but Richards, The generic names of British insects, pt. 5, p. 94, 1937, has

proposed the retention of *agrorum* Fabricius under suspension of the law

of priority.

Alcidamea CRESSON.

Proc. Ent. Soc. Philadelphia, vol. 2, p. 385, 1864. Two species.

Type.—*Alcidamea producta* CRESSON, 1864. (By designation of Michener,

Amer. Midland Nat., vol. 26, p. 158, 1941.)

(Alfkenella BÖRNER) = **Amegilla** FRIESE.

Biol. Zentralblatt, vol. 39, p. 168, 1919. Four species.

Type.—(*Apis*) *Podalirius quadrifasciatus* (VILLERS), 1789. (Original designation.)

Isogenotypic with *Amegilla* Friese.

(Allodapa SCHULZ) for **Allodape** LEPELETIER AND SERVILLE.

Spolia Hymenopterologica, p. 244, 1906.

Allodape LEPELETIER AND SERVILLE (= **Allodapa** SCHULZ).

Encycl. Méthod., Hist. Nat., Ins., vol. 10, p. 18, 1825.

Type.—*Allodape rufogastra* LEPELETIER AND SERVILLE, 1825. (Monobasic.)

Allodapula COCKERELL.

Ann. Mag. Nat. Hist., ser. 10, vol. 14, pp. 220 and 237, 1934. Eight species.

Type.—*Allodape variegata* F. SMITH, 1854. (Original designation.)

Proposed as a subgenus of *Allodape* Lepeletier and Serville.

Alloperdita VIERECK.

Bull. Amer. Mus. Nat. Hist., vol. 37, p. 241, 1917.

Type.—*Perdita (Alloperdita) novaeangliae* VIERECK, 1917. (Monobasic.)

Proposed as a subgenus of *Perdita* F. Smith.

Allopsithyrus POPOV.

Eos, vol. 7, p. 136, 1931. Two species.

Type.—(*Apis*) *Psithyrus barbutellus* (KIRBY), 1802. (Original designation.)

Proposed as a subgenus of *Psithyrus* Lepeletier.

Alloscirtetica HOLMBERG (= **Scirtetica** HOLMBERG, 1903, not SAUSSURE, 1834;

Neoscirtetica SCHROTTKY; **Holmbergiapis** COCKERELL).

Apuntes Historia Natural, Buenos Aires, vol. 1, p. 77, 1909.

Type.—*Scirtetica antarctica* HOLMBERG, 1909. (Autobasic.)

Neoscirtetica and *Holmbergiapis* were also proposed to replace *Scirtetica*

Holmberg, preoccupied.

Alloxylocopa MA.

Lingnan Sci. Journ., vol. 18, p. 155, 1939. (?Original reference.)

Type.—*Xylocopa appendiculata* F. SMITH, 1852. (Monobasic and original designation?)

Proposed as a subgenus of *Xylocopa* Latreille.

Alphaneura WESTWOOD (= **Aphaneura** GRIFFITH).

In Cuvier, The animal kingdom . . . with supplementary additions . . . by

Edward Griffith and others, vol. 15, pl. 3, fig. 1, 1832.

Type.—*Alphaneura rufescens* WESTWOOD, 1832. (Monobasic.)

Alpigenobombus SKORIKOV.

Rev. Russe Ent., vol. 14, p. 128, 1914. Two species.

Type.—*Bombus lefebvrei* LEPELETIER, 1836 "(=*B. mastrucatus* auct.)."
(Original designation.) *Bombus alpigenus* Morawitz, 1873, designated by
Frison, Trans. Amer. Ent. Soc., vol. 53, p. 64, 1927, was not originally
included.

Alpinobombus SKORIKOV.

Rev. Russe Ent., vol. 14, p. 122, 1914. Eight species.

Type.—(*Apis*) *Bremus alpinus* (LINNAEUS) 1758. (By designation of Frison,
Trans. Amer. Ent. Soc., vol. 53, p. 66, 1927.)

(*Amalthea* RAFINESQUE)=*Trigona* JURINE.

Analyse de la nature . . . corps organisés, p. 123, 1815.

Type.—*Apis amalthea* OLIVIER, 1789. (Autobasic.)

Proposed unnecessarily for *Trigona* Jurine.

Amaurocosmia HOLMBERG, nomen nudum.

Bol. Acad. Nac. Cienc. Córdoba, vol. 10, p. 226, 1887.

Amblyapis COCKERELL.

Ann. Mag. Nat. Hist., ser. 8, vol. 5, p. 362, 1910.

Type.—*Halictoides ilicifoliae* COCKERELL, 1910. (Monobasic and original
designation.)

Proposed as a subgenus of *Halictoides* Nylander.

(*Amblys* KLUG)=*Osmia* PANZER.

Magazin für Insektenkunde, vol. 6, pp. 198 and 226, 1807. Two species.

Type.—([*Apis*] *Osmia bicornis* [LINNAEUS], 1758)=(*Apis*) *Osmia rufa*
(LINNAEUS), 1758. (By designation of Latreille, Encycl. Méthod., Hist.
Nat., Ins., vol. 8, p. 577, 1811.)

Isogenotypic with *Osmia* Panzer, *Ceratostmia* Thomson and through synonymy
with *Pachyosmia* Ducke.

Amegachile FRIESE.

"Die Bienen Afrikas," Denkschr. med.-natur. Ges. Jena, vol. 14, p. 326, 1909.
Nineteen species.

Type.—(*Megachile sjoestedti* FRIESE, 1901)=*Megachile bituberculata* RIT-
SEMA, 1880. (By designation of Cockerell, Rev. Zool. Bot. Africaines, vol.
20, p. 166, 1931.) *Megachile nasicornis* Friese, 1903, designated by Mitchell,
Trans. Amer. Ent. Soc., vol. 59, p. 298, 1934.

Proposed as a subgenus of *Megachile* Latreille.

Amegilla FRIESE (= *Alfkenella* BÖRNER).

Die Bienen Europas, vol. 3, pp. 5 and 18, 1897. Many species.

Type.—(*Apis*) *Anthophora quadrifasciata* (VILLERS), 1789. (By designation
of Cockerell, Ann. Mag. Nat. Hist., ser. 10, vol. 7, p. 277, 1931.)

Proposed as a subgenus of *Podalirius* Latreille.

Isogenotypic with *Alfkenella* Börner.

Ammobates LATREILLE.

Genera crustaceorum et Insectorum . . . , vol. 4, p. 169, 1809. Two species.

Type.—*Ammobates rufiventris* LATREILLE, 1809. (By designation of Latreille,
Considérations générales . . . des insectes, p. 439, 1810.) (*Ammobates*
bicolor Lepeletier and Serville)=*Ammobates bicolor* Lepeletier, 1825, desig-
nated by Blanchard, in Cuvier, Règne animal [ed. 3], insectes, text vol. 2,
p. 213; atlas pl. 127, fig. 6 [1849]), was not originally included.

Ammobatoides RADOSZKOWSKI (= *Phiarus* GERSTAECKER; *Paidia* RADOSZKOWSKI, 1872, not Herrich-Schaefer, 1847).

Horae Soc. Ent. Ross., vol. 5, p. 82, 1868. Two species.

Type.—*Phileremus abdominalis* EVERSMAAN, 1852. (Present designation.)

Isogenotype with *Phiarus* Gerstaecker and *Paidia* Radoszkowski.

(**Ammobatoides** SCHENCK, not RADOSZKOWSKI, 1868) = *Phileremus* LATREILLE.

Jahrb. Nassau. Ver. Naturk., vol. 21-22, p. 349, 1867-68 [1870].

Type.—(*Ammobates bicolor* LEPELETIER, 1825) = (*Epeolus*) *Phileremus kirbyanus* (LATREILLE, 1803). (Monobasic.)

Isogenotype with *Phileremus* Latreille through synonymy.

Ancyla LEPELETIER (= *Plistotrichia* MORAWITZ).

Histoire naturelle des insectes. Hyménoptères, vol. 2, p. 294, 1841.

Type.—*Ancyla oraniensis* LEPELETIER, 1841. (Monobasic.)

Isogenotype with *Plistotrichia* through synonymy.

Ancylandrena COCKERELL.

Pan-Pacific Ent., vol. 7, p. 5, 1930.

Type.—*Andrena* (*Ancylandrena*) *heterodoxa* COCKERELL, 1930. (Monobasic.)

Proposed as a subgenus of *Andrena* Fabricius.

Ancyloscelis LATREILLE.

In Cuvier, Règne animal, ed. 2, vol. 5, p. 355, 1829. No species.

Haliday, Trans. Linn. Soc. London, vol. 17, p. 320, 1837. One species.

Type.—*Ancylosceles ursinus* HALIDAY, 1837. (First species included.) *Apis* (*Ancyloscelis*) *brasiliensis* BLANCHARD, 1849, designated by Blanchard, in Cuvier, Règne animal [ed. 3], insectes, text vol. 2, p. 217; atlas pl. 128, fig. 8 [1849].

Ancyloscelis BERTHOLD, nomen nudum.

Latreille's natürliche Familien des Thierreichs, p. 466, 1827.

Ancyloscelus BERTHOLD, nomen nudum.

Latreille's natürliche Familien des Tierreichs, p. 565, 1827.

(**Andineta** ASHMEAD) for *Audinetia* LEPELETIER.

Trans. Amer. Ent. Soc., vol. 26, p. 71, 1899.

Andrena FABRICIUS (= *Anthrena* ILLIGER).

Systema entomologiae . . . , p. 376, 1775. Fourteen species.

Type.—*Apis helvola* LINNAEUS, 1758. (By designation of Viereck, Proc. U. S. Nat. Mus., vol. 42, p. 613, 1912.) (*Andrena cineraria* Fabricius, 1804) = *Apis cineraria* Linnaeus, 1758, designated by Latreille, Considérations générales . . . des insectes, p. 439, 1810, was not originally included. (*Melitta nitida* Kirby, 1802) = *Apis nitida* Fourcroy, 1785, designated by Curtis, Brit. Ent., vol. 3, p. 129, 1826, was not originally included. (*Andrena funebris* Panzer, 1798) = *Apis albopunctata* Rossi, 1792, designated by Blanchard, in Cuvier, Règne Animal [ed. 3], insectes, text vol. 2, p. 203; atlas, pl. 125, fig. 3 [1849], was not originally included.

Andrenella HEDICKE.

Mitt. Zool. Mus. Berlin, vol. 19, p. 210, 1933. Many species.

Type.—(*Melitta*) *Andrena minutula* (KIRBY), 1802. (Original designation.)

Andrenopsis COCKERELL.

Trans. Amer. Ent. Soc., vol. 31, p. 363, 1905.

Type.—*Andrenopsis flavorufus* COCKERELL, 1905. (Monobasic.)

Androgynella COCKERELL.

Ann. Mag. Nat. Hist., ser. 8, vol. 7, p. 313, 1911.

Type.—*Megachile detersa* COCKERELL, 1910. (Monobasic and original designation.)

Andronicus CRESSON.

Proc. Ent. Soc., Philadelphia, vol. 2, p. 384, 1864.

Type.—*Andronicus cylindricus* CRESSON, 1864. (Monobasic.)

(Anhylaeus HEIDER) for **Anylaeus** BRIDWELL.

Preussische Akad. Wiss. Berlin: Nomenclator animalium generum et subgenerum, vol. 1, Lief. 2, p. 184, 1926.

(Anthedon ROBERTSON, not AGASSIZ, 1846) = **Abda**, new name.

Trans. Acad. Sci. St. Louis, vol. 10, p. 53, 1900.

Type.—*Melissodes compta* CRESSON, 1878. (Monobasic.)

(Anthemoessa ROBERTSON, not AGASSIZ, 1846) = **Melea**, new name.

Trans. Amer. Ent. Soc., vol. 31, p. 372, 1905.

Type.—*Anthophora abrupta* SAY, 1837. (Monobasic and original designation.)

(Anthemois ROBERTSON) = **Megachile** LATREILLE.

Trans. Amer. Ent. Soc., vol. 29, pp. 168, 169, and 172, 1903.

Type.—(*Megachile infragilis* CRESSON, 1878) = (*Apis*) *Megachile centuncularis* (LINNAEUS), 1758. (Monobasic and original designation.)

Isogenotypic with *Megachile* Latreille through synonymy.

Anthemurgus ROBERTSON.

Can. Ent., vol. 34, p. 321, 1902.

Type.—*Anthemurgus passiflorae* ROBERTSON, 1902. (Monobasic and original designation.)

Anthidiellum COCKERELL (= **Cerianthidium** FRIESE).

Bull. Southern California Acad. Sci., vol. 3, p. 3, 1904.

Type.—(*Trachusa*) *Anthidium strigatum* (PANZER), 1804. (Monobasic and original designation.)

Isogenotypic with *Cerianthidium* Friese.

Anthidium FABRICIUS.

Systema Piezatorum, p. 364, 1804. Eleven species.

Type.—*Apis manicata* LINNAEUS, 1758. (By designation of Latreille, Considérations générales . . . des insectes, p. 439, 1810.)

(Anthocharessa GISTEL) = **Andrena** FABRICIUS.

Isis (Encycl. Zeitschr.), No. 6, p. 82, 1850.

Type.—*Apis hclvola* LINNAEUS, 1758. (Autobasic.)

Proposed unnecessarily for *Andrena* Fabricius which Gistel considered to be preoccupied by *Anthrenus* Geoffroy, 1764.

Anthocopa LEPELETIER AND SERVILLE (= **Furcosmia** SCHMIEDEKNECHT and **Phyllotoma** DUMÉRIL, 1860, not LEACH, 1819, not FALLÉN, 1829).

Encycl. Méthod., Hist. Nat., Ins., vol. 10, p. 314, 1825.

Type.—(*Anthocopa papaveris* LEPELETIER and SERVILLE, 1825) = *Apis papaveris* LATREILLE, 1799. (Monobasic.)

Isogenotypic with *Furcosmia* Schmiedeknecht and *Phyllotoma* Duméril.

Anthodioctes HOLMBERG.

Bol. Acad. Nac. Cienc. Córdoba, vol. 10, pp. 36 and 226, 1887. Nomen nudum.

Anal. Mus. Nac. Buenos Aires, ser. 3, vol. 2, p. 435, 1903. Two species.

Type.—*Anthodioctes megachiloides* HOLMBERG, 1903. (By designation of Cockerell, Proc. U. S. Nat. Mus., vol. 71, art. 12, p. 2, 1927.)

Anthoglossa F. SMITH.

Catalogue of hymenopterous insects . . . British Museum, pt. 1, p. 16, 1853.

Type.—*Anthoglossa plumata* F. SMITH, 1853. (Monobasic.)

(*Anthophora* LATREILLE) = *Podalirius* LATREILLE.

Nouv. Dict. Hist. Nat., vol. 18, p. 167, 1803.

Type.—(*Apis pilipes* FABRICIUS, 1775) = *Apis acervorum* LINNAEUS, 1758.

(By designation of Morice and Durrant, Trans. Ent. Soc. London, p. 422, 1915.) Latreille, *Considérations générales . . . des insectes*, p. 439, 1810, cites more than one species. *Apis retusa* Linnaeus, 1758, designated by Curtis, Brit. Ent., vol. 8, expl. pl. 357, 1831, was not originally included in *Podalirius*.

Anthophora was proposed by Latreille to replace *Podalirius* Latreille which he considered to be preoccupied by *Podalirius* Lamarek, 1801, used for a genus of plants. The placement of *Anthophora* Latreille on the Official List of Generic Names is under consideration by the International Commission, Science, vol. 83, p. 552, 1936.

Anthophorites HEER [fossil].

Neue Deukschr. allgemein. schweizerischen Ges. gesammt. Naturw., vol. 11, p. 97, 1850. Four species.

Type.—*Anthophorites mellona* HEER, 1850. (Present designation.)

Anthophoroides COCKERELL AND COCKERELL.

Ann. Mag. Nat. Hist., ser. 7, vol. 7, p. 48, 1901.

Type.—*Podalirius vallorum* COCKERELL, 1896. (Monobasic and original designation.)

Anthophorula COCKERELL.

Bull. New Mexico Agr. Exp. Stat., No. 24, p. 44, 1897.

Type.—*Anthophorula compactula* COCKERELL, 1897. (Monobasic.)

(*Anthrena* ILLIGER) for *Andrena* FABRICIUS.

Magazin für Insektenkunde, vol. 1, p. 127, 1801.

Anthrenoides DUCKE.

Zeitschr. Syst. Hym. Dipt., vol. 7, p. 338, 1907.

Type.—*Anthrenoides alfkeni* DUCKE, 1907. (Monobasic.)

Anylaeus BRIDWELL (= *Anhylaenus* HEIDER).

Proc. Hawaiian Ent. Soc., vol. 4, p. 129, 1919. Two species.

Type.—*Nothylaeus (Anylaeus) aberrans* BRIDWELL, 1919. (Original designation.)

Proposed as a subgenus of *Nothylaeus* Bridwell.

(*Apathus* NEWMAN) = *Psithyrus* LEPELETIER.

Ent. Mag., vol. 2, p. 404 footnote, 1835.

Type.—*Apis rupestris* FABRICIUS, 1793. (Autobasic.)

Proposed for *Psithyrus* Lepeletier which Newman considered to be preoccupied by *Psithyros* Hübner.

Aphalictus COCKERELL.

Mem. Queensland Mus., vol. 10, p. 40, 1930.

Type.—*Parasphecodes bribiensis* COCKERELL, 1916. (Monobasic and original designation.)

(*Aphaneura* GRIFFITH) for *Alphaneura* WESTWOOD.

In Cuvier, The animal kingdom . . . with supplementary additions . . . by Edward Griffith and others, vol. 15, p. 575, 1832.

Apiaria GERMAR [fossil].

Nov. Act. Acad. Nat. Curios., vol. 19, p. 210, 1839.

Type.—*Apiaria antiqua* GERMAR, 1839. (Monobasic.)

(*Apiarus* RAFINESQUE) = *Apis* LINNAEUS.

Analyse de la nature . . . corps organisés, p. 123, 1815.

Type.—(*Apis mellifica* FABRICIUS, 1775) = *Apis mellifera* LINNAEUS, 1758.
(Autobasic.)

Proposed unnecessarily for *Apis* Linnaeus.

***Apis* LINNAEUS (= *Apiarus* RAFINESQUE).**

Systema naturae, ed. 10, pp. 343 and 574, 1758. Thirty-eight species.

Type.—(*Apis mellifica* FABRICIUS, 1775) = *Apis mellifera* LINNAEUS, 1758.
(By designation of Latreille, Considérations générales . . . des insectes,
p. 439, 1810.)

(*Apista* F. SMITH, not HÜBNER, 1816) = *Egapista* COCKERELL.

Journ. Ent., vol. 1, p. 148, 1861.

Type.—*Apista opalina* F. SMITH, 1861. (Monobasic.)

***Archianthidium* MAVROMOUSTAKIS.**

Ann. Mag. Nat. Hist., ser. 11, vol. 3, p. 91, 1939. Four species.

Type.—*Anthidium laticeps* MORAWITZ, 1873. (Original designation.)

***Archimegachile* ALFKEN.**

Konowia, vol. 12, p. 56, 1933. Six species.

Type.—*Megachile flavipes* SPINOLA, 1838. (Original designation.)

Proposed as a subgenus of *Megachile* Latreille.

***Arctosmia* SCHMIEDEKNECHT (= *Lithosmia* ALFKEN).**

Apidae Europaeae, vol. 2, p. 21 [887], 1884–86 [1885].

Type.—(*Megachile villosa* SCHENCK, 1853, not *Apis villosa* FABRICIUS, 1775) =
Osmia platycera GERSTAECKER, 1869. (Monobasic.)

Proposed as a subgenus of *Osmia* Panzer.

Isogenotypic with *Lithosmia* Alfken.

***Argochila* MICHENER.**

Amer. Midland Nat., vol. 22, pp. 9 and 58, 1939. Fourteen species.

Type.—*Ashmeadiella timberlakei* MICHENER, 1936. (Original designation.)

Proposed as a subgenus of *Ashmeadiella* Cockerell.

***Argyropile* MITCHELL.**

Trans. Amer. Ent. Soc., vol. 59, pp. 302, 308, and 311, 1934. Four species.

Type.—*Megachile parallela* F. SMITH, 1853. (Original designation.)

Proposed as a subgenus of *Megachile* Latreille.

***Argyroselenis* ROBERTSON.**

Can. Ent., vol. 35, p. 284, 1903.

Type.—*Triepeolus minimus* ROBERTSON, 1902. (Monobasic and original
designation.)

Synonym of *Epeolus* Latreille, according to Linsley, Pan-Pacific Ent., vol. 15,
p. 1, 1939.

***Arhysosage* BRÈTHES.**

Anal. Soc. Cient. Argentina, vol. 93, p. 121, 1922.

Type.—*Arhysosage johnsoni* BRÈTHES, 1922. (Monobasic.)

***Asaropoda* COCKERELL.**

Ann. Mag. Nat. Hist., ser. 9, vol. 18, p. 216, 1926. Two species.

Type.—*Saropoda bombiformis* F. SMITH, 1854. (Original designation.)

***Ashmeadiella* COCKERELL.**

Ent. News, vol. 8, p. 197, 1897. Five species.

Type.—*Heriades opuntiae* COCKERELL, 1897. (Original designation.)

***Ashtonipsithyrus* FRISON.**

Trans. Amer. Ent. Soc., vol. 53, p. 69, 1927. Two species.

Type.—(*Apathus*) *Psithyrus ashtoni* (CRESSON), 1864. (Original designation.)

Proposed as a subgenus of *Psithyrus* Lepeletier.

Aspidosmia BRAUNS.

Zool. Jahrb., Abt. Syst., Jena, vol. 52, p. 208, 1926.

Type.—*Osmia* (*Aspidosmia*) *arnoldi* BRAUNS, 1926. (Monobasic.)

Proposed as a subgenus of *Osmia* Panzer.

Atoposmia COCKERELL.

Pan-Pacific Ent., vol. 11, p. 50, 1935.

Type.—*Osmia* (*Atoposmia*) *triodontata* COCKERELL, 1935. (Monobasic.)

Proposed as subgenus of *Osmia* Panzer.

(**Audineta** ASHMEAD) for **Audineta** LEPELETIER.

Trans. Amer. Ent. Soc., vol. 26, p. 97, 1899.

(**Audineta** LEPELETIER) = **Platynopoda** WESTWOOD.

Histoire naturelle des insectes. Hyménoptères, vol. 2, p. 203, 1841. Six species.

Type.—(*Xylocopa latipes* FABRICIUS, 1804) = *Apis latipes* DRURY, 1773. (Present designation.)

Proposed as a subgenus of *Xylocopa* Latreille.

Isogenotypic with *Platynopoda* Westwood.

Augochlora F. SMITH.

Catalogue of hymenopterous insects . . . British Museum, pt. 1, p. 73, 1853.

Many species.

Type.—*Halictus purus* SAY, 1937. (By designation of Cockerell, Ann. Mag. Nat. Hist., ser. 9, vol. 11, p. 448, 1923.)

Augochlorella SANDHOUSE.

Journ. Washington Acad. Sci., vol. 27, p. 66, 1937. Four species.

Type.—*Augochlora gratiosa* F. SMITH, 1853. (Original designation.)

Augochloropsis COCKERELL.

Can. Ent., vol. 29, p. 4, 1897. Four species.

Type.—(*Augochlora* (*Augochloropsis*) *subignita* COCKERELL, 1897) = *Augochlora ignita* F. SMITH, 1861. (Original designation.) *Augochlora spinolae* Cockerell, 1900, designated by Schrottky, Deutsche Ent. Zeitschr., p. 481, 1909, was not originally included.

Proposed as a subgenus of *Augochlora* F. Smith.

(**Augochloropsis** SCHROTTKY, 1909, not COCKERELL, 1897) = **Paraugochlora** SCHROTTKY.

Deutsche Ent. Zeitschr., p. 481, 1909. Two species.

Type.—*Augochlora spinolae* COCKERELL, 1900. (Designated by Schrottky, Deutsche Ent. Zeitschr., p. 481, 1909.)

Auricularia MÉHELY.

Naturgeschichte der Urbieneen, pp. 41 and 147, 1935. Three species.

Invalid under Article 25c of the International Rules of Zoological Nomenclature, since no type was designated.

(**Auricularia** POPOV, not BLAINVILLE, 1816, not DEFRANCE, 1816, not FABRICIUS, 1823, not MÜLLER, 1850) = **Prosopis** FABRICIUS, 1804.

Compt. Rend. (Doklady) Acad. Sci. U. R. S. S., new ser., vol. 25, p. 168, 1939.

Type.—(*Mellinus*) *Prosopis bipunctatus* FABRICIUS, 1798. (Monobasic and original designation.)

Proposed as a subgenus of *Prosopis* Fabricius.

Isogenotypic with *Prosopis* Fabricius, 1804, through synonymy.

Auricularia was first proposed by Méhely, Naturgeschichte der Urbieneen, pp. 41 and 147, 1935, as a subgenus of *Prosopis* Fabricius to include three species, but no original genotype designation was made and, according to Article 25c (amendment), *Auricularia* Méhely, 1935, is invalid.

Austrandrena COCKERELL.

Psyche, vol. 13, p. 37, 1906.

Type.—*Andrena modesta* F. SMITH, 1879. (Monobasic and original designation.)Proposed as a subgenus of *Protandrena* Cockerell.**Austrodioxys** COCKERELL.

Ann. Mag. Nat. Hist., ser. 8, vol. 17, p. 432, 1916.

Type.—*Austrodioxys thomasi* COCKERELL, 1916. (Monobasic.)**Autochelostoma** SLADEN.

Can. Ent., vol. 48, p. 270, 1916.

Type.—*Autochelostoma canadensis* SLADEN, 1916. (Monobasic.)**Baana**, new name (= *Ctenopoda* MA, 1938, not McATEE AND MALLOCH, 1933).Type.—*Apis fenestrata* FABRICIUS, 1798. (Autobasic.)**(Barbata** MÉHELY, not HUMPHREY, 1797, not SWAINSON, 1840) = *Mehelya* POPOV.

Naturgeschichte der Urbieneu, pp. 32 and 135, 1935.

Type.—*Prosopis friesei* ALFKEN, 1904. (Monobasic.)Proposed as a subgenus of *Prosopis* FABRICIUS.**Berna** FRIESE.

Zool. Jahrb., Abt. Syst., Jena, vol. 30, p. 668, 1911.

Type.—(*Megachile* (*Berna*) *africana* FRIESE, 1911, not *Megachile africana* MOCSARY, 1887) = *Megachile africaniba* STRAND, 1914. (Monobasic.)Proposed as a subgenus of *Megachile* Latreille.**Betheliella** COCKERELL.

Ent. News, vol. 35, p. 169, 1924.

Type.—*Betheliella calocharti* COCKERELL, 1924. (Monobasic.)**Biareolina** DOURS.

Rev. et Mag. Zool., ser. 3, vol. 1, p. 288, 1873. Two species.

Type.—*Biareolina neglecta* DOURS, 1873. (Present designation.)**Biastes** PANZER (= *Rhineta* KLUG).

Kritische Revision der Insektenfauna Deutschlands . . . , vol. 2, p. 239, 1806.

Type.—*Tiphia brevicornis* PANZER, 1798. (Monobasic.)Isogenotypic with *Rhineta* Klug through synonymy.**Biastoides** SCHENCK.

Berlin. Ent. Zeitschr., vol. 17, p. 252, 1873.

Type.—(*Pasites punctatus* SCHENCK, 1870) = *Philevemus emarginatus* SCHENCK, 1853. (Monobasic.)Synonym of *Biastes* Panzer, according to Dalla Torre, Catalogus hymenopterorum, vol. 10, p. 501, 1896.**Bicolletes** FRIESE.

Flora og Fauna Aarbog, vol. 10, p. 11, 1908. Three species.

Type.—*Bicolletes neotropica* FRIESE, 1908. By designation of Cockerell, Ann. Mag. Nat. Hist., ser. 8, vol. 15, p. 342, 1915.**Bicornelia** FRIESE.

Ann. naturhist. Hofmus. Wien, vol. 14, p. 239, 1899.

Type.—*Bicornelia serrata* FRIESE, 1899. (Monobasic.)**Biglossa** FRIESE.

Zeitschr. Syst. Hym. Dipt., vol. 6, p. 374, 1906. Eight species.

Type.—*Biglossa thoracica* FRIESE, 1906. (By designation of Cockerell, Journ. New York Ent. Soc., vol. 22, p. 328, 1914.)**Biluna** MA.

Rec. Indian Mus., vol. 40, pp. 270 and 276, 1938. Two species.

Type.—*Xylocopa nasalis* WESTWOOD, 1838. (Original designation.)Proposed as a subgenus of *Xylocopa* Latreille.

Binghamiella COCKERELL.

Bull. Amer. Mus. Nat. Hist., vol. 23, p. 235, 1907.

Type.—*Sphécodes antipodes* F. SMITH, 1853. (Monobasic.)

Birkmania VIERECK.

Proc. Ent. Soc. Washington, vol. 11, p. 50, 1909.

Type.—(*Birkmania andrenoides* VIERECK, 1909) = *Panurginus polytrichus* COCKERELL, 1909. (Monobasic and original designation.)

Synonym of *Panurginus* NYLANDER, according to Crawford, Proc. Ent. Soc. Washington, vol. 28, p. 213, 1926.

Bombias ROBERTSON.

Trans. Amer. Ent. Soc., vol. 29, p. 176, 1903. Three species.

Type.—*Bombias auricomus* ROBERTSON, 1903. (Original designation.)

Bomboxylocopa MA.

Lingnan Sci. Journ., vol. 18, p. 155, 1939. Three species.

Type.—*Xylocopa bomboides* F. SMITH, 1879. (Original designation.)

Proposed as a subgenus of *Xylocopa* Latreille.

Bombomelecta PATTON.

Bull. U. S. Geol. Surv. Terr., vol. 5, p. 370, 1879.

Type.—*Melecta thoracica* CRESSON, 1876. (Monobasic.)

Synonym of *Melecta* Latreille, according to Dalla Torre, Catalogus hymenopterorum, vol. 10, p. 313, 1896, and Linsley, Ann. Ent. Soc. America, vol. 32, p. 435, 1939.

Bombus LATREILLE (= *Bremus* JURINE, 1801; *Bremus* PANZER, 1804(?)).

Histoire naturelle de Fourmis, p. 437, 1802.

Type.—(*Apis terrestris* FABRICIUS, 1775) = *Apis terrestris* LINNAEUS, 1758. (Monobasic.)

Isogenotypic with *Terrestribombus* Vogt and *Leucobombus* Dalla Torre.

The suppression of the "Erlangen List" by the International Commission (Opinion 135, 1939) invalidates *Bremus* Jurine, 1801.

Bombusoides MOTSCHULSKY [fossil].

Etud. Ent., vol. 5, p. 28, 1856.

Type.—*Bombusoides meuei* MOTSCHULSKY, 1856. (Monobasic.)

Brachycephalapis VIERECK.

Proc. Ent. Soc. Washington, vol. 11, p. 47, 1909.

Type.—*Melitta (Brachycephalapis) californica* VIERECK, 1909. (Monobasic and original designation.)

Proposed as a subgenus of *Melitta* Kirby.

(Brachyglossa FRIESE, not BOISDUVAL, 1829, not FAUVEL, 1866) = **Brachyglossula** HEDICKE.

Zool. Jahrb., Abt. Syst., Jena, vol. 34, p. 577, 1922.

Type.—*Brachyglossa rufocaerulea* FRIESE, 1922. (Monobasic.)

Brachyglossula HEDICKE (= *Pasiphae* SPINOLA, 1851, not LATREILLE, 1819; *Brachyglossa* FRIESE, 1922, not BOISDUVAL, 1829, not FAUVEL, 1866).

Deutsche Ent. Zeitschr., p. 427, 1922.

Type.—*Brachyglossa rufocaerulea* FRIESE, 1922. (Autobasic with *Brachyglossa* Friese).

Brachymelecta LINSLEY.

Ann. Ent. Soc. America, vol. 32, p. 458, 1919.

Type.—*Melecta mucida* CRESSON, 1879. (Monobasic and original designation.)

Brachynomada HOLMBERG.

Anal. Soc. Cient. Argentina, vol. 22, pp. 239 and 272, 1886. Two species.

Type.—*Brachynomada argentina* HOLMBERG, 1886. (Present designation.)

(Bremus JURINE) = Bombus LATREILLE.

Erlangen Litteratur-Zeitung, vol. 1, p. 164, 1801.

Type.—*Apis terrestris* LINNAEUS, 1758. (By designation of Morice and Durant, Trans. Ent. Soc. London, p. 428, 1915).

Isogenotypic with *Bombus* Latreille, *Terrestribombus* Vogt, and *Leucobombus* Dalla Torre.

The suppression of the "Erlangen List" (Opinion 135) by the International Commission invalidates *Bremus* Jurine, 1801.

(Bremus PANZER, not JURINE 1801) = Bombus LATREILLE.

Faunae insectorum Germaniae initia, Heft 85, 1804 (?). Three species.

Type.—*Apis agrorum* FABRICIUS, 1787. (By present designation.) *Apis terrestris* Linnaeus, 1758 (= *Bremus fasciatus* Panzer, 1801) designated by Richards, The generic names of British insects, pt. 5, p. 92, 1937, was not originally included.

The year of publication of the name *Bremus* Panzer is not certain. Sherborn, Ann. Mag. Nat. Hist., ser. 9, vol. 11, p. 567, 1923, has indicated that Heft 85 of the Panzer work may have appeared as early as 1801, although Heft 86 was not published until 1804. In view of this situation and taking into consideration the proposal by Richards (*l. e.*) that "*Bombus* Latreille, 1802 (type *Apis terrestris* Linnaeus, 1758) be added to the Official List of Generic Names," and "*Bremus* Panzer, 1801 . . . be set aside and have no status in nomenclature," it has seemed advisable to assume that *Bombus* Latreille antedates *Bremus* Panzer.

(Cacosoma F. SMITH, not FELDER, 1874) = Neocorynura SCHROTTKY.

Descriptions of new species of Hymenoptera in the collection of the British Museum, p. 39, 1879. Five species.

Type.—*Cacosoma discolor* F. SMITH, 1879. (Present designation.)

Cadeguala REED.

Actes Soc. Sci. Chile, vol. 2, p. 234, 1892. Three species.

Type.—(*Colletes chilensis* SPINOLA, 1851) = (*Colletes*) *Diphaglossa occidentalis* (HALIDAY), 1836. (By present designation.)

Synonym of *Diphaglossa* Spinola, according to Herbst, Stettin. Ent. Zeit., vol. 82, p. 109, 1921.

Caenohalictus CAMERON.

Trans. Amer. Ent. Soc., vol. 29, p. 231, 1903.

Type.—*Caenohalictus trichiothalmus* CAMERON, 1903. (Monobasic.)

Caenonomada ASHMEAD (= Chacoana HOLMBERG).

Trans. Amer. Ent. Soc., vol. 26, p. 68, 1899.

Type.—*Caenonomada bruneri* ASHMEAD, 1899. (Monobasic and original designation.)

Isogenotypic with *Chacoana* Holmberg through synonymy.

Synonym of *Epicharis* Klug, according to Friese, Deutsche Ent. Zeitschr., 1909, Beiheft, p. 128, 1909.

Caenoprosopis HOLMBERG.

Anal. Soc. Cient. Argentina, vol. 23, p. 22, 1887.

Type.—*Caenoprosopis crabronina* HOLMBERG, 1887. (Monobasic.)

Caesarea FRIESE.

Arch. Naturg., Jahrg. 77, Bd. 1, Heft 2, p. 142, 1911. Two species.

Type.—*Ammobates* (*Caesarea*) *depressa* FRIESE, 1911. (Present designation.)

Proposed as a subgenus of *Ammobates* Latreille.

(*Cliepea* GISTEL)=*Exaerete* HOFFMANNSEGG.

Naturgeschichte des Thierreichs, p. viii, 1848.

Type.—(*Chrysantheda nitida* PERTY, 1833)=(*Apis Exaerete dentata* (LINNAEUS), 1758.

Proposed unnecessarily for *Chrysantheda* Perty.

Isogenotypic with *Chrysantheda* Perty, and through synonymy with *Exaerete* Hoffmannsegg.

Callandrena COCKERELL.

Trans. Amer. Ent. Soc., vol. 25, p. 186, 1898.

Type.—*Panurgus manifestus* Fox, 1894. (Monobasic.)

Callanthidium COCKERELL.

Proc. California Acad. Sci., ser. 4, vol. 14, p. 365, 1925. Three species.

Type.—*Anthidium illustre* CRESSON, 1879. (Original designation.)

Callepetersia COCKERELL.

Rev. Zool. Bot. Africae, vol. 30, p. 329, 1938. Three species.

Type.—*Halictus lasureus* FRIESE, 1910. (Original designation.)

Proposed as a subgenus of *Eupetersia* Blüthgen.

Calliopsis F. SMITH.

Catalogue of hymenopterous insects . . . British Museum, pt. 1, p. 128, 1853.

Four species.

Type.—*Calliopsis andreniformis* F. SMITH, 1853. (By designation of Ashmead, Trans. Amer. Ent. Soc., vol. 26, p. 83, 1899.)

(*Callobombus* DALLA TORRE) for *Kallobombus* DALLA TORRE.

Catalogus hymenopterorum, vol. 10, p. 503, 1896.

Alloceratina COCKERELL.

Proc. Ent. Soc. Washington, vol. 26, p. 77, 1924.

Type.—*Ceratina amabilis* COCKERELL, 1897. (Monobasic and original designation.)

Callomelecta COCKERELL.

Ann. Mag. Nat. Hist., ser. 9, vol. 18, p. 621, 1926.

Type.—*Callomelecta pendleburyi* COCKERELL, 1926. (Monobasic and original designation.)

Callomelitta F. SMITH.

Catalogue of hymenopterous insects . . . British Museum, pt. 1, p. 85, 1853.

Type.—*Callomelitta picta* F. SMITH, 1853. (Monobasic.)

Callonychium BRÈTHES.

Anal. Soc. Cient. Argentina, vol. 93, p. 120, 1922.

Type.—*Callonychium argentinum* BRÈTHES, 1922. (Monobasic.)

Callosphecodes FRIESE.

Ann. Hist. Nat. Mus. Hungarici, vol. 7, p. 182, 1909.

Type.—*Sphcodes (Callosphecodes) ralunensis* FRIESE, 1909. (Monobasic.)

Proposed as a subgenus of *Sphcodes* Latreille.

(*Calospiloma* BRÈTHES)=*Palinepeolus* HOLMBERG.

Anal. Mus. Nac. Buenos Aires, vol. 19 (ser. 3, vol. 12), p. 68, footnote, 1909.

Two species.

Type.—*Epeolus viperinus* HOLMBERG, 1886. (Original designation.)

Isogenotypic with *Palinepeolus* Holmberg.

Calyptapis COCKERELL [fossil].

Bull. Mus. Comp. Zool., vol. 50, p. 41, 1906.

Type.—*Calyptapis florissantensis* COCKERELL, 1906. (Monobasic.)

- (*Campanularia* MÉHELY, not LAMARCK, 1816) = *Paraprosopis* POPOV.
 Naturgeschichte der Urbieneu, pp. 50 and 157, 1935. Seven species.
 Proposed as a subgenus of *Prosopis* FABRICIUS, but invalid under Article 25c
 (amendment) of the International Rules of Zoological Nomenclature, since
 no genotype was designated.
- Camptopoeum* SPINOLA.
 Ann. Soc. Ent. France, ser. 2, vol. 1, p. 139, 1843. Two species.
 Type.—*Prosopis frontalis* FABRICIUS, 1804. (Original designation.)
- Campylogaster* DOURS.
 Rev. et Mag. Zool., ser. 3, vol. 1, p. 286, 1873. Three species.
 Type.—(*Andrena* (*Campylogaster*) *fulvo-crustatus* DOURS, 1873) = *Andrena*
erberi MORAWITZ, 1872. (Present designation.)
 Proposed as a subgenus of *Andrena* FABRICIUS.
- (*Canephora* FRIESE, not HÜBNER, 1822, not KOENIG, 1825) = *Canephorula* JÖR-
 GENSEN.
 Flora og Fauna Aarbog, vol. 10, p. 94, 1908.
 Type.—*Corbicula apiformis* FRIESE, 1908. (Autobasic.)
 Proposed for *Corbicula* FRIESE, 1908, not Megerle, 1811.
- Canephorula* JÖRGENSEN (= *Canephora* FRIESE, 1908, not HÜBNER, 1822, not
 KOENIG, 1825; *Corbicula* FRIESE, 1908, not Megerle, 1811).
 Deutsche Ent. Zeitschr., p. 212, 1909.
 Type.—*Corbicula apiformis* FRIESE, 1908. (Autobasic.)
- Capicola* FRIESE.
 Zool. Jahrb., Abt. Syst., Jena, vol. 30, p. 672, 1911.
 Type.—*Capicola braunsiana* FRIESE, 1911. (Monobasic.)
 Synonym of *Hesperapis* Cockerell, according to Cockerell and Ireland, Proc.
 Nat. Acad. Sci., vol. 19, p. 972, 1933.
- Caupolicana* SPINOLA (= *Caupolicania* SCHULZ).
 Historia física y política de Chile . . . por Claudio Gay, Zool., vol. 6, p. 212,
 1851. Four species.
 Type.—*Caupolicana gayi* SPINOLA, 1851. (Present designation.)
- (*Caupolicania* SCHULZ) for *Caupolicana* SPINOLA.
 Spolia Hymenopterologica, p. 238, 1906.
- (*Cellaria* FRIESE, not ELLIS AND SOLANDER, 1786, not HAWORTH, 1828) = *Cellariella*
 STRAND.
 Deutsche Ent. Zeitschr., p. 575, 1913.
 Type.—(*Nomioides* (*Cellaria*) *arnoldi* FRIESE, 1913) = *Nomioides* (*Cellariella*)
somalica MAGRETTI, 1899. (Monobasic.)
 Proposed as a subgenus of *Nomioides* Schenck.
- Cellariella* STRAND (= *Cellaria* FRIESE, 1913, not ELLIS AND SOLANDER, 1786, not
 HAWORTH, 1828).
 Arch. Naturg., Jahrg. 92, Abt. A, Heft 8, p. 53, 1926.
 Type.—(*Nomioides* (*Cellaria*) *arnoldi* FRIESE, 1913) = *Nomioides* (*Cellariella*)
somalica MAGRETTI, 1899. (Autobasic.)
- Cemolobus* ROBERTSON.
 Can. Ent., vol. 34, p. 324, 1902.
 Type.—*Xenoglossa ipomocac* ROBERTSON, 1891. (Monobasic and original
 designation.)
- Centrias* ROBERTSON.
 Can. Ent., vol. 35, p. 174, 1903. Two species.
 Type.—*Nomada erigronis* ROBERTSON, 1897. (Original designation.)

Centris FABRICIUS (= *Eulaema* LEPELETIER).

Systema Piezatorum, p. 354, 1804. Many species.

Type.—*Apis dimidiata* FABRICIUS, 1793. (By designation of Blanchard, Histoire naturelle des insectes . . . , vol. 3, p. 405, 1840.) ([*Apis*] *Centris hirtipes* Fabricius, 1793) = *Apis rustica* Olivier, 1789, designated by Blanchard, in Cuvier, Règne animal [ed. 3], insectes, text vol. 2, p. 217; atlas pl. 128 bis, fig. 7 [1849].

Isogenotypic with *Eulaema* Lepeletier.

(*Centris* auct., not FABRICIUS) = *Hemisia* KLUG.

Centrodus KLUG, nomen nudum.

Magazin für Insektenkunde, vol. 6, p. 217, 1807.

Centrosmia ROBERTSON.

Trans. Amer. Ent. Soc., vol. 29, pp. 165, 166, and 170, 1903.

Type.—*Osmia bucephala* CRESSON, 1864. (Monobasic and original designation.)

Synonym of *Melanosmia* SCHMIEDEKNECHT, according to Sandhouse, Mem. Ent. Soc. Washington, No. 1, p. 33, 1939.

Cephalapis COCKERELL.

Ann. Mag. Nat. Hist., ser. 8, vol. 5, p. 23, 1910.

Type.—*Chelostoma* (*Cephalapis*) *jacintanum* COCKERELL, 1910. (Monobasic and original designation.)

Proposed as a subgenus of *Chelostoma* Latreille.

Cephalictoides COCKERELL.

Psyche, vol. 31, p. 244, 1924.

Type.—*Halictoides paradoxus* MORAWITZ, 1867. (Monobasic and original designation.)

Proposed as a subgenus of *Halictoides* Nylander.

Cephalosmia SLADEN.

Can. Ent., vol. 48, p. 270, 1916.

Type.—(*Osmia armaticeps* CRESSON, 1878) = *Osmia montana* CRESSON, 1864. (Monobasic.)

Cephen ROBERTSON.

Can. Ent., vol. 35, pp. 174 and 176, 1903.

Type.—*Nomada texana* CRESSON, 1872. (Monobasic and original designation.)

(*Ceraplastes* GISTEL) = *Stelis* PANZER.

Naturgeschichte des Thierreichs, p. x, 1848.

Type.—(*Apis aterrima* PANZER, 1798, not CHRIST, 1791) = *Apis punctulatissima* KIRBY, 1802. (Autobasic with *Stelis*.)

Proposed unnecessarily for *Stelis* Latreille, which Gistel considered to be preoccupied by a genus of plants.

Isogenotypic with *Stelis* Panzer, *Gyrodroma* Klug, and *Gymnus* Spinola. *Trachusa* Jurine, 1801, also isogenotypic with *Stelis*, has been invalidated by Opinion 135 of the International Commission on Zoological Nomenclature.

(*Ceratias* ROBERTSON, not KROYER, 1845) = *Sayapis* TITUS.

Trans. Amer. Ent. Soc., vol. 29, pp. 168 and 172, 1903. Three species.

Type.—*Megachile pugnatius* SAY, 1837. (Original designation.)

Isogenotypic with *Gnathocera* Provancher and *Sayapis* Titus through synonymy.

(Ceratina LATREILLE)=Clavicera LATREILLE.

Histoire naturelle . . . des crustacés et des insectes, vol. 3, p. 380, 1802.

Type.—(*Hylacus albilabris* FABRICIUS, 1793)=*Apis cucurbitina* Rossi, 1792.
(Autobasic.)

Proposed for *Clavicera* Latreille, which he considered to be incorrectly formed.

Richards, The generic names of British insects, pt. 5, p. 91, 1937, has proposed that *Ceratina* Latreille (type *Hylacus albilabris* Fabricius, 1793=*Apis cucurbitina* Rossi, 1792) be added to the Official List of Generic Names.

Ceratinidia COCKERELL AND PORTER.

Ann. Mag. Nat. Hist., ser. 7, vol. 4, p. 406, 1899.

Type.—*Ceratina hicroglyphica* F. SMITH, 1854. (Monobasic and original designation.)

Proposed as a subgenus of *Ceratina* Latreille.

(Ceratosmia THOMSON)=Osmia PANZER.

Hymenoptera Scandinaviae, vol. 2, pp. 232 and 235, 1872. No species.

Schmiedeknecht, Apidae Europaeae, vol. 2, p. 19 [1885], 1884-6 [1885]. Four species.

Type.—(*Apis bicornis* LINNAEUS, 1758)=*Apis rufa* LINNAEUS, 1758. (By designation of Sandhouse, Mem. Ent. Soc. Washington, No. 1, p. 9, 1939.)

Proposed as a subgenus of *Osmia* Panzer.

Isogenotypic with *Osmia* Panzer, *Amblys* Klug, and through synonymy with *Pachyosmia* Ducek.

(Ceranthidium FRIESE)=Anthidiellum COCKERELL.

Die europäischen Bienen (Apidae), Lief. 3, p. 304, 1923. Two species.

Type.—(*Trachusa*) *Anthidium strigatum* (PANZER), 1804. (By designation of Cockerell, Proc. California Acad. Sci., ser. 4, vol. 14, p. 361, 1925.)

Isogenotypic with *Anthidiellum* Cockerell.

Ceylalictus STRAND.

Arch. Naturg., vol. 79, Abt. A, Heft 2, p. 137, 1913.

Type.—*Halictus horni* STRAND, 1913. (Monobasic.)

(Ceylonicola FRIESE)=Sudila CAMERON.

Zool. Jahrb., Abt. Syst., Jena, vol. 41, p. 501, 1918. Three species.

Type.—(*Ceylonicola atra* FRIESE, 1918)=*Sudila bidentata* Cameron, 1898.
(Present designation.)

Isogenotypic with *Sudila* Cameron through synonymy.

(Chacoana HOLMBERG)=Caenomomada ASHMEAD.

Bol. Acad. Nac. Cienc. Córdoba, vol. 10, p. 225, 1887. Nomen nudum.

Anal. Mus. Nac. Buenos Aires, ser. 3, vol. 2, p. 432, 1903.

Type.—(*Chacoana melanozantha* HOLMBERG, 1903)=*Caenomomada bruneri* Ashmead, 1899. (Monobasic.)

Isogenotypic with *Caenomomada* Ashmead through synonymy, according to Brèthes, Anal. Mus. Nac. Buenos Aires, vol. 19 (ser. 3, vol. 12), p. 223, 1909.

Synonym of *Epicharis* Klug, according to Friese, Deutsche Ent. Zeitschr., 1909, Beiheft, p. 128, 1909.

Chalcobombus COCKERELL [fossil].

Schrift. phys.-ökon. Ges. Königsberg, Jahrg. 50, pp. 7 and 11, 1909. Two species.

Type.—*Chalcobombus humilis* COCKERELL, 1909. (Original designation.)

Chalcosmia SCHMIEDEKNECHT.

Apidae Europaeae, vol. 2, p. 20 [1886], 1884-6 [1885]. Twenty-one species.

Type.—*Apis fulviventris* PANZER, 1798. (By designation of Sandhouse, Mem. Ent. Soc. Washington, No. 1, p. 13, 1939.)

Proposed as a subgenus of *Osmia* Panzer.

Chalepogenus HOLMBERG (=Desmotetrapedia SCHROTTKY).

Anal. Mus. Nac. Buenos Aires, ser. 3, vol. 2, p. 416, 1903.

Type.—(*Chalepogenus incertus* HOLMBERG, 1903)=*Tetrapedia muclleri* FRIESE, 1899. (Monobasic.)

Isogenotypic with *Desmotetrapedia* Schrottky through synonymy, according to Cockerell, Journ. New York Ent. Soc., vol. 22, p. 320, 1914.

Chalicodoma LEPELETIER.

Histoire naturelle des insectes. Hyménoptères, vol. 2, p. 309, 1841. Four species.

Type.—(*Xylocopa muraria* FABRICIUS, 1804)=*Apis muraria* RETZIUS, 1783. (By designation of Girard, Traité élémentaire d'entomologie, vol. 2, p. 778, 1879.)

Mitchell, Trans. Amer. Ent. Soc., vol. 59, p. 297, 1934, accepting Latreille's (Considérations générales . . . des insectes, p. 439, 1810) citation of four species ("*Xylocopa muraria* Fab.—Ejusd. *Anthophorae: lanata, argentata, centuncularis.*") as a designation of the first-named for *Megachile*, considers *Chalicodoma* to be isogenotypic with *Megachile* Latreille.

Charitandrena HEDICKE.

Mitt. Zool. Mus. Berlin, vol. 19, p. 210, 1933. Three species.

Type.—(*Nomada Andrena hattorfiana* (FABRICIUS), 1775. (Original designation.)

Proposed as a subgenus of *Andrena* Fabricius.

Chelostoma LATREILLE.

Genera crustaceorum et insectorum . . . , vol. 4, p. 161, 1809.

Type.—(*Apis maxillosa* LINNAEUS, 1767)=*Apis florissomnis* LINNAEUS, 1758. (Monobasic.)

Chelostomoides ROBERTSON.

Can. Ent., vol. 33, p. 231, 1901.

Type.—(*Megachile rufimanus* ROBERTSON, 1891)=*Chelostoma rugifrons* F. SMITH, 1854. (Monobasic and original designation.)

Chelostomopsis COCKERELL (=Raphidostoma COCKERELL).

Proc. California Acad. Sci., ser. 4, vol. 14, p. 204, 1925. Two species.

Type.—*Chelynia rubifloris* COCKERELL 1898. (Original designation.)

Isogenotypic with *Raphidostoma* Cockerell through synonymy.

Chelynia PROVANCHER.

Additions et corrections à la faune hyménoptérologique de la Province de Québec, pp. 296 and 322, 1888.

Type.—*Chelynia labiata* PROVANCHER, 1888. (Monobasic.)

Chilicola SPINOLA.

Historia física y política de Chile . . . por Claudio Gay, Zool., vol. 6, p. 210, 1851. Three species.

Type.—*Chilicola rubriventris* SPINOLA, 1851. (Present designation.)

Chilosima MICHENER.

Amer. Midland Nat., vol. 22, pp. 8 and 78, 1939. Three species.

Type.—*Ashmeadiella rhodognatha* COCKERELL, 1925. (Original designation.)

Proposed as a subgenus of *Ashmeadiella* Cockerell.

Chlerogas VACHAL.

Misc. Ent., vol. 12, p. 127, 1904.

Type.—*Haliectus chlerogas* VACHAL, 1904. (Monobasic and by absolute tautonymy.)

Chloralictus ROBERTSON.

Can. Ent., vol. 34, pp. 245 and 248, 1902. Sixteen species.

Type.—*Haliectus cressoni* ROBERTSON, 1890. (Original designation.)

Chlorandrena PÉREZ.

Actes Soc. Linn. Bordeaux, vol. 44, p. 172, 1890. Fourteen species.

Type.—*Andrena humilis* IMHOF, 1832. (By designation of Hedicke, Mitt. Zool. Mus. Berlin, vol. 19, p. 211, 1933.)

Proposed as a subgenus of *Andrena* Fabricius.

Chloroceratina COCKERELL.

Philippine Journ. Sci., vol. 13, p. 143, 1918. Two species.

Type.—*Ceratina (Chloroceratina) cyanura* COCKERELL, 1918. (Original designation.)

Proposed as a subgenus of *Ceratina* Latreille.

Chlorosmia SLADEN.

Can. Ent., vol. 48, p. 270, 1916.

Type.—(*Osmia*) *Chlorosmia fulgida* (CRESSON), 1864. (Monobasic.)

Chromobombus DALLA TORRE.

Die Naturhistoriker, vol. 2, p. 40, 1880. Four species.

Type.—*Apis muscorum* LINNAEUS, 1758. (Present designation.)

Proposed as a subgenus of *Bombus* Latreille.

Chrysandrena HEDICKE.

Mitt. Zool. Mus. Berlin, vol. 19, p. 211, 1933. Eleven species.

Type.—(*Apis*) *Andrena fulvago* (CHRIST), 1791. (Original designation.)

(Chrysantheda PERTY) = Exaerete HOFFMANNSEGG.

Delectus animalium articulorum . . . Brasiliam, p. 147, 1833.

Type.—(*Chrysantheda nitida* PERTY, 1833) = (*Apis*) *Exaerete dentata* (LINNAEUS), 1758. (Monobasic.)

Isogenotypic with *Calindra* Gistel and through synonymy with *Exaerete Hoffmannsegg*.

Chrysopheon TITUS.

Can. Ent., vol. 33, p. 256, 1901.

Type.—*Chrysopheon aurifuscus* TITUS, 1901. (Monobasic.)

Cilissa LEACH.

Edinburgh Encycl., vol. 9, p. 155, 1815. Two species.

Type.—(*Andrena haemorrhoidalis* PANZER, 1799) = *Andrena haemorrhoidalis* FABRICIUS, 1775. (By designation of Westwood, An introduction to the modern classification of insects, vol. 2; Synopsis of the genera of British insects, p. 84, 1840.) (*Melitta*) *Cilissa tricincta* (Kirby), 1802, was designated by Taschenberg, Berlin Ent. Zeitschr., vol. 27, p. 53, 1883.

Synonym of *Melitta* Kirby, according to Dalla Torre, Catalogus hymenopterorum, vol. 10, p. 187, 1866.

Cingulata MÉHELY.

Naturgeschichte der Urbienen, pp. 43 and 149, 1935.

Type.—*Vespa pratensis* FOURCROY, 1785. (Monobasic.)

Proposed as a subgenus of *Prosopis* Fabricius.

Synonym of *Prosopis* Fabricius, according to Popov, Compt. Rend. (Doklady) Acad. Sci. U. R. S. S., new ser., vol. 25, p. 163, 1939.

Cladocerapis COCKERELL.

Ent. News, vol. 15, p. 292, 1904.

Type.—*Lamprocolletes cladocerus* F. SMITH, 1862. (Monobasic and original designation.)

Claremontiella COCKERELL.

Pan-Pacific Ent., vol. 9, p. 25, 1933.

Type.—*Spinoliella euxantha* COCKERELL, 1916. (Monobasic and original designation.)

Proposed as a subgenus of *Spinoliella* Ashmead.

Clavicera LATREILLE (= *Ceratina* LATREILLE).

Histoire naturelle de fourmis, p. 432, 1802.

Type.—(*Hylaeus albilabris* FABRICIUS, 1793) = *Apis cucurbitina* ROSSI, 1792. (Monobasic.)

Although Dalla Torre, Catalogus hymenopterorum, vol. 10, p. 195, 1896, cites *Clavicera* as a synonym of *Ceratina* Latreille, the former name has priority. Richards, The generic names of British insects, pt. 5, p. 91, 1937, has proposed that the name *Clavicera* Latreille be set aside and have no status in nomenclature and that *Ceratina* be retained.

Clisodon PATTON.

Bull. U. S. Geol. Surv. Terr., vol. 5, p. 479, 1879. Two species.

Type.—*Anthophora terminalis* CRESSON, 1869. (Original designation.)

Cnemidandrena HEDICKE.

Mitt. Zool. Mus. Berlin, vol. 19, p. 212, 1933. Thirteen species.

Type.—(*Melitta*) *Andrena nigriceps* (KIRBY), 1802. (Original designation.)

(Cnemidium PERTY, not GOLDFUSS, 1826) = *Euglossa* LATREILLE.

Delectus animalium articulorum . . . Brasiliam, p. 148, 1833.

Type.—(*Cnemidium viride* PERTY, 1833) = (*Apis*) *Euglossa cordata* (LINNAEUS), 1758. (Monobasic.)

Isogenotypic with *Euglossa* Latreille through synonymy.

Cnemidium Perty is preoccupied, but since it is a synonym of *Euglossa* Latreille, no new name is proposed to replace it.

Coccineobombus SKORIKOV.

Bull. Sta. Région. Protect. Plantes, Petrograd, vol. 4, p. 157, 1922. Three species.

Type.—(*Bombus*) *Alpigenobombus* (*Coccineobombus*) *coccineus* (FRIESE), 1903. (Present designation because of virtual tautonymy.)

Proposed as a subgenus of *Alpigenobombus* Skorikov.

Cockerellia ASHMEAD.

Psyche, vol. 8, p. 284, 1898.

Type.—*Perdita hyalina* CRESSON, 1878. (Monobasic and original designation.)

Cockerellula STRAND (= *Lutziella* COCKERELL, 1922, not ENDERLEIN, 1922).

Folia Zool. Hydrobiol., Riga, vol. 4, p. 196, 1932.

Type.—*Perdita* (*Lutziella*) *opuntiae* COCKERELL, 1922. (Autobasic.)

Coelioxoides CRESSON.

Trans. Amer. Ent. Soc., vol. 7, p. 94, 1878.

Type.—*Coelioxoides punctipennis* CRESSON, 1878. (Monobasic.)

Coelioxys LATREILLE.

Genera crustaceorum et insectorum, vol. 4, p. 166, 1809. Two species.

Type.—(*Anthophora conica* FABRICIUS, 1804 = *Apis conica* LINNAEUS, 1758) = *Apis quadridentata* LINNAEUS, 1758. (By designation of Latreille, Considérations générales . . . des insectes, p. 439, 1810.)

- (*Colax* LEPELETIER "Inedit." not HÜBNER, 1819, not WIEDEMANN, 1824) = *Rhathymus* LEPELETIER AND SERVILLE.
 Encycl. Méthod., Hist. Nat., Ins., vol. 10, pp. 4 and 213, 1825. No species.
- Colletes* LATREILLE (= *Evodia* PANZER).
 Histoire naturelle de fourmis, p. 423, 1802.
 Type.—*Apis succincta* LINNÆUS, 1758. (Monobasic.)
 Isogenotypic with *Evodia* Panzer through synonymy.
- Compsoelissa* ALFKEN.
 Denkschr. Akad. Wiss. Wien, Math.-naturw. Klasse, vol. 99, p. 251, 1924.
 Type.—*Compsoelissa börneri* ALFKEN, 1924. (Monobasic.)
- Conandrena* VIERECK.
 Can. Ent., vol. 56, p. 20, 1924.
 Type.—*Andrena bradleyi* VIERECK, 1907. (Monobasic and original designation.)
 Proposed as a subgenus of *Andrena* Fabricius.
- Conanthalictus* COCKERELL.
 Ent. News, vol. 12, p. 209, 1901.
 Type.—*Halictus (Conanthalictus) conanthi* COCKERELL, 1901. (Monobasic.)
 Proposed as a subgenus of *Halictus* Latreille.
- Confusibombus* BALL (= *Sulcobombus* KRÜGER).
 Ann. Soc. Ent. Belgique, vol. 58, p. 78, 1914.
 Type.—*Bombus confusus* SCHENCK, 1859. (Monobasic.)
 Proposed as a subgenus of *Bombus* Latreille.
 Isogenotypic with *Sulcobombus* Krüger.
- Conohalictoides* VIERECK.
 Ent. News, vol. 15, pp. 245 and 261, 1904.
 Type.—*Conohalictoides lovelli* VIERECK, 1904. (Monobasic and original designation.)
- (*Coptorthosoma* PÉREZ) for *Koptortosoma* GRIBODO.
 Actes Soc. Linn. Bordeaux, ser. 6, vol. 6, p. 3, 1901.
- Coquillettapis* VIERECK.
 Proc. Ent. Soc. Washington, vol. 11, p. 47, 1909.
 Type.—(*Coquillettapis melittoides* VIERECK, 1909) = (*Melissodes*) *Diadasia nigrifrons* (CRESSON), 1878. (Monobasic and original designation.)
 Synonym of *Diadasia* Patton, according to Cockerell, Ann. Mag. Nat. Hist., ser. 8, vol. 8, p. 671, 1911.
- (*Corbicula* FRIESE, not MEGERLE, 1811) = *Canephorula* JÖRGENSEN.
 Flora og Fauna Aarbog, vol. 10, p. 59, 1908.
 Type.—*Corbicula apiformis* FRIESE, 1908. (Monobasic.)
- (*Corynogaster* SICHEL) = *Corynura* SPINOLA.
 Novara-Expedition. Zoologischer Theil, vol. 2, Hymenoptera, Fossoria et Mellifera. Suppl. p. 146, 1867. Two species.
 Type.—*Halictus (Corynura) gayi* SPINOLA, 1851. (Present designation.)
 Isogenotypic with *Corynura* Spinola and *Manuelia* Vachal.
- Corynura* SPINOLA (= *Corynogaster* SICHEL; *Manuelia* VACHAL).
 Historia fisica y politica de Chile . . . por Claudio Gay, Zool., vol. 6, p. 296, 1851. Two species.
 Type.—*Halictus (Corynura) gayi* SPINOLA, 1851. (Present designation.)
 Proposed as a subgenus of *Halictus* Latreille.
 Isogenotypic with *Corynogaster* Sichel and *Manuelia* Vachal.
- Corynuroides*, new name (= *Corynuropsis* COCKERELL, 1901, not SCOTT, 1894).
 Type.—*Corynura (Corynuropsis) darwini* Cockerell, 1901. (Autobasic.)

(*Corynuropsis* COCKERELL, not SCOTT, 1894)=*Corynuroides*, new name.

Proc. Acad. Nat. Sci. Philadelphia, vol. 53, p. 220, 1901. Two species.

Type.—*Corynura* (*Corynuropsis*) *darwini* COCKERELL, 1901. (Original designation.)

Proposed as a subgenus of *Corynura* Spinola.

Corythochila MICHENER.

Amer. Midland Nat., vol. 22, pp. 8 and 75, 1939. Two species.

Type.—*Ashmeadiella* (*Corythochila*) *inyoensis* MICHENER, 1939. (Original designation.)

Proposed as a subgenus of *Ashmeadiella* Cockerell.

Creightonella COCKERELL.

Entomologist, vol. 41, p. 146, 1908. Two species.

Type.—*Megachile* (*Creightonella*) *mitinia* COCKERELL, 1908. (Original designation.)

Proposed as a subgenus of *Megachile* Latreille.

Cressoniella MITCHELL.

Trans. Amer. Ent. Soc., vol. 59, pp. 302, 305, 307, and 310, 1934. Four species.

Type.—*Megachile zapoteca* CRESSON, 1878. (Original designation.)

Proposed as a subgenus of *Megachile* Latreille.

Crewella COCKERELL.

Ann. Mag. Nat. Hist., ser. 7, vol. 12, p. 202, 1903.

Type.—*Ceratina* (*Crewella*) *titusi* COCKERELL, 1903. (Monobasic and original designation.)

Proposed as a subgenus of *Ceratina* Latreille.

Crinoglossa FRIESE.

Zool. Jahrb., Abt. Syst., Jena, vol. 49, p. 502, 1925.

Type.—*Crinoglossa natalensis* FRIESE, 1925. (Monobasic.)

(*Crocisa* JURINE)=*Thyreus* PANZER.

Erlangen Litteratur-Zeitung, vol. 1, p. 164, 1801. Three species.

Type.—*Nomada scatellata* JURINE, 1801, which according to Morice and Durrant, is equivalent to (*Melecta histrionica* ILLIGER, 1806)=*Nomada scutellaris* FABRICIUS, 1781. (By designation of Morice and Durrant, Trans. Ent. Soc. London, p. 423, 1915.)

Isogenotypic with *Thyreus* Panzer and *Crocissa* Panzer through synonymy. Invalid under Opinion 135 of the International Commission on Zoological Nomenclature.

Crocisaspidia ASHMEAD.

Trans. Amer. Ent. Soc., vol. 26, p. 68, 1899.

Type.—*Crocisaspidia chandleri* ASHMEAD, 1899. (Monobasic and original designation.)

(*Crocissa* PANZER)=*Thyreus* PANZER.

Kritische Revision der Insektenfauna Deutschlands . . . , vol. 2, p. 263, 1806.

Type.—*Nomada scutellaris* FABRICIUS, 1781. (Present designation.)

Isogenotypic with *Thyreus* Panzer.

Cryptohalictoides VIERECK.

Ent. News, vol. 15, p. 261, 1904.

Type.—*Cryptohalictoides spiniferus* VIERECK, 1904. (Monobasic and original designation.)

Ctenioschelus ROMAND (= *Melissoda* LEPELETIER).

Rev. Zool., p. 336, 1840.

Type.—*Acanthopus goryi* ROMAND, 1840. (Monobasic.)

Isogenotypic with *Melissoda* Latreille through synonymy.

Synonym of *Acanthopus* Klug, according to Dalla Torre, Catalogus hymenopterorum, vol. 10, p. 325, 1896.

Ctenoapis CAMERON.

Ann. Mag. Nat. Hist., ser. 7, vol. 8, p. 116, 1901. Two species.

Type.—*Ctenoapis lutea* CAMERON, 1901. (Present designation.)

Ctenocolletes COCKERELL.

Ann. Mag. Nat. Hist., ser. 10, vol. 3, p. 358, 1929.

Type.—*Stenotritus (Ctenocolletes) nicholsoni* COCKERELL, 1929. (Monobasic.)

Proposed as a subgenus of *Stenotritus* F. Smith.

Ctenocorynura SCHROTTKY.

Deutsche Ent. Zeitschr., p. 628, 1914.

Type.—*Ctenocorynura vernoniae* SCHROTTKY, 1914. (Monobasic and original designation.)

Ctenonomia CAMERON.

Journ. Straits Branch Roy. Asiatic Soc., vol. 33, p. 178, 1903.

Type.—*Ctenonomia carinata* CAMERON, 1903. (Monobasic.)

Synonym of *Halictus* Latreille, according to Blüthgen, Deutsche Ent. Zeitschr., p. 419, 1925.

Ctenoplectra KIRBY (= *Ctenoplectra* F. SMITH, 1858).

In Kirby and Spence, An introduction to entomology, vol. 3, p. 681, 1826.

No species.

Type.—*Ctenoplectra chalybea* F. SMITH, 1858. (Present designation; first species included.)

Proposed as a "subgenus near *Saropoda*" Latreille.

Isogenotypic with *Ctenoplectra* F. Smith.

Since the only character given by Kirby for *Ctenoplectra* (the crescent-shaped inner calcar of the hind tibia, with its inner edge finely pectinate) is in agreement with Smith's description and illustration of that structure in his species *chalybea*, that species is transferred to *Ctenoplectra* Kirby and designated its type. Apparently *Ctenoplectra* Kirby has, until now, been a genus without species.

(*Ctenoplectra* F. SMITH) = *Ctenoplectra* KIRBY.

Journ. Proc. Linn. Soc. London, Zool., vol. 2, p. 44, 1858.

Type.—*Ctenoplectra chalybea* F. SMITH, 1858. (Monobasic.)

Isogenotypic with *Ctenoplectra* Kirby.

Ctenoplectrella COCKERELL [fossil].

Schrift. phys.-ökon. Ges. Königsberg, Jahrg. 50, pp. 13 and 19, 1909.

Type.—*Ctenoplectrella viridiceps* COCKERELL, 1909. (Monobasic.)

Ctenoplectrina COCKERELL.

Rev. Zool. Bot. Africanes, vol. 18, p. 360, 1930.

Type.—*Ctenoplectra (Ctenoplectrina) politula* COCKERELL, 1930. (Monobasic and original designation.)

Proposed as a subgenus of *Ctenoplectra* F. Smith.

(*Ctenopoda* MA, not McATEE AND MALLOCH, 1933) = *BAANA*, new name.

Rec. Indian Mus., vol. 40, pp. 270 and 285, 1938. Two species.

Type.—*Apis fenestrata* FABRICIUS, 1798. (Original designation.)

Proposed as a subgenus of *Xylocopa* Latreille.

(*Ctenosmia* THOMSON) = *Hoplitis* KLUG.

Hymenoptera Scandinaviae, vol. 2, p. 233, 1872. Two species.

Type.—*Apis adunca* PANZER, 1798. (By designation of Michener, Amer.

Midland Nat., vol. 26, p. 158, 1941.)

Proposed as a subgenus of *Osmia* Panzer.

Isogenotypic with *Hoplitis* Klug.

Cubitalia FRIESE.

Arch. Naturg., Jahrg. 77, Bd. 1, p. 136, 1911.

Type.—*Eucera (Cubitalia) breviceps* FRIESE, 1911. (Monobasic.)

Proposed as a subgenus of *Eucera* Scopoli.

Cubitognatha MICHENER.

Amer. Midland Nat., vol. 22, pp. 9 and 81, 1939.

Type.—*Ashmeadiella (Cubitognatha) xenomastax* MICHENER, 1939. (Monobasic and original designation.)

Proposed as a subgenus of *Ashmeadiella* Cockerell.

Cullumanobombus VOGT.

Sitz.-Ber. Ges. naturf. Freunde Berlin, p. 57, 1911. Four species.

Type.—(*Apis*) *Bombus cullumanus* (KIRBY), 1802. (By designation of Frison, Trans. Amer. Ent. Soc., vol. 53, p. 66, 1927.)

Proposed as a subgenus of *Bombus* Latreille.

Curtisapis ROBERTSON.

Ent. News, vol. 29, p. 91, 1918. Three species.

Type.—*Halictus coriaceus* F. SMITH, 1853. (Original designation.)

Cyaneoderes ASHMEAD.

Trans. Amer. Ent. Soc., vol. 26, p. 70, 1899. Two species.

Type.—(*Cyaneoderes fairchildi* ASHMEAD, 1899) = (*Bombus*) *Xylocopa coerulea* (FABRICIUS), 1804. (Original designation.)

Cyanocentris FRIESE.

Ann. naturhist. Hofmus. Wien, vol. 15, p. 243, 1900. Thirty-seven species.

Type.—(*Apis*) *Centris versicolor* (FABRICIUS), 1775. (Present designation.)

Proposed as a subgenus of *Centris* Fabricius.

Cyathocera F. SMITH.

Trans. Ent. Soc. London, p. 47, 1875.

Type.—*Cyathocera nodicornis* F. SMITH, 1875. (Monobasic.)

Synonym of *Steganomus* Ritsema, according to Dalla Torre, Catalogus hymenopterorum, vol. 10, p. 163, 1896.

Cyphomelissa SCHROTTKY.

Rev. Mus. Paulista, vol. 5, p. 493, 1903.

Type.—*Cyphomelissa pernigra* SCHROTTKY, 1903) = (*Melissa*) *Hopliphora diabolica* (FRIESE), 1900. (Monobasic and original designation.)

Synonym of *Hopliphora* Lepeletier, according to Friese, Zeitschr. Syst. Hym. Dipt., vol. 8, p. 47, 1908.

Cyphopyga ROBERTSON.

Trans. Amer. Ent. Soc., vol. 29, pp. 169 and 172, 1903.

Type.—*Megachile montivaga* CRESSON, 1878. (Monobasic and original designation.)

Synonym of *Anthemois* Robertson according to Mitchell, Trans. Amer. Ent. Soc., vol. 61, p. 155, 1934, which is isogenotypic through synonymy with *Megachile* Latreille.

Cyrtapis COCKERELL [fossil].

Ann. Mag. Nat. Hist., ser. 8, vol. 1, p. 339, 1908.

Type.—*Cyrtapis anomalus* COCKERELL, 1908. (Monobasic.)

Dactylandrena VIERECK.

Can. Ent., vol. 56, p. 20, 1924.

Type.—*Andrena (Dactylandrena) maura* VIERECK, 1924. (Monobasic and original designation.)

Proposed as a subgenus of *Andrena* Fabricius.

Dactylurina COCKERELL.

Rev. Zool. Bot. Africanes, vol. 26, p. 47, 1934.

Type.—*Trigona staudingeri* GRIBODO, 1893. (Monobasic and original designation.)

Proposed as a subgenus of *Trigona* Jurine.

Dasiapis COCKERELL.

Ann. Mag. Nat. Hist., ser. 7, vol. 12, p. 450, 1903.

Type.—*Dasiapis ochracea* COCKERELL, 1903. (Monobasic.)

Dasycolletes F. SMITH.

Catalogue of hymenopterous insects . . . British Museum, pt. 1, p. 14, 1853.

Two species.

Type.—*Dasycolletes metallicus* F. SMITH, 1853. (By designation of Cockerell, Trans. Amer. Ent. Soc., vol. 31, p. 347, 1905.)

Synonym of *Paracolletes* F. Smith, according to Cockerell (loc. cit., p. 344).

(Dasyglossa ILLIGER) = *Oxaea* KLUG.

Magazin für Insektenkunde, vol. 6, p. 217, 1807. Two specific names mentioned, but species not described.

In KLUG, Mag. Ges. naturf. Freunde Berlin, vol. 4, p. 44, 1810. Three species.

Type.—*Oxaca flavescens* KLUG, 1807. (Present designation.)

Isogenotypic with *Oxaca* Klug.

Dasypoda LATREILLE (= *Podasys* RAFINESQUE).

Histoire naturelle de fourmis, p. 424, 1802. Two species.

Type.—*Andrena hirtipes* FABRICIUS, 1793. (By designation of Blanchard, Histoire naturelle des insectes . . ., vol. 3, p. 414, 1840.) *Melitta swammerdamella* Kirby, 1802, designated by Curtis, Brit. Ent., vol. 8, p. 367, 1831, was not originally included but is a synonym of *hirtipes*.

Delomegachile VIERECK.

Bull. Conn. Geol. Nat. Hist. Surv., vol. 22, p. 745, 1916.

Type.—(*Megachile vidua* F. SMITH, 1853) = *Megachile frigida* F. SMITH, 1853. (Monobasic.)

Proposed as a subgenus of *Megachile* Latreille.

Denticolletes NOSKIEWICZ.

Die paläarktischen Colletes-arten, pp. 25 and 486, 1936.

Type.—*Colletes graeffei* ALFKEN, 1900. (Monobasic.)

Proposed as a subgenus of *Colletes* Latreille.

Dentigera MÉHELY.

Naturgeschichte der Urbiene, pp. 45 and 151, 1935. Five species. Invalid under Article 25c of the International Rules of Zoological Nomenclature, since no type was designated.

Dentigera POPOV (= *Imperfecta* POPOV).

Compt. Rend. (Doklady) Acad. Sci. U. R. S. S., n. ser., vol. 25, p. 168, 1939. Four species.

Type.—(*Hylaeus*) *Prosopis brevicornis* (NYLANDER), 1852. (Original designation.)

Proposed as a subgenus of *Prosopis* Fabricius.

Isogenotypic with *Imperfecta* Popov.

Dentigera was first proposed by Méhely, Naturgeschichte der Urbiene, pp. 45 and 151, 1935, as a subgenus of *Prosopis* Fabricius to include five species, but since no genotype was designated *Dentigera* has no validity as of that date under Article 25c of the International Rules.

Deranchylaeus BRIDWELL.

Proc. Hawaiian Ent. Soc., vol. 4, p. 136, 1919. Many species.

Type.—*Prosopis curvicarinata* CAMERON, 1905. (Original designation.)

Derotropis MITCHELL.

Trans. Amer. Ent. Soc., vol. 62, pp. 118, 119, and 156, 1936. Seven species.

Type.—*Megachile (Xeromegachile) pascoensis* MITCHELL, 1934. (Original designation.)

Proposed as a subgenus of *Megachile* Latreille.

(Desmotetrapedia SCHROTTKY)=Chalepogenus HOLMBERG.

Anal. Soc. Cient. Argentina, vol. 68, p. 223, 1909. Two species.

Type.—*Tetrapedia muelleri* FRIESE, 1899. (Original designation.)

Isogenotypic with *Chalepogenus* Holmberg through synonymy, according to Cockerell, Journ. New York Ent. Soc., vol. 22, p. 320, 1914.

Diadasia PATTON.

Bull. U. S. Geol. Surv. Terr., vol. 5, p. 475, 1879. Three species.

Type.—*Melissodes cnavata* CRESSON, 1872. (Original designation.)

Diadasiella ASHMEAD.

Trans. Amer. Ent. Soc., vol. 26, p. 64, 1899.

Type.—*Diadasiella coquilletti* ASHMEAD, 1899. (Monobasic and original designation.)

Synonym of *Anthrophorula* Cockerell, according to Cockerell and Porter, Ann. Mag. Nat. Hist., ser. 7, vol. 4, p. 406, 1899.

Diagonozus ENDERLEIN.

Berlin. Ent. Zeitschr., vol. 48, p. 35, 1903.

Type.—*Diagonozus bicometes* ENDERLEIN, 1903. (Monobasic.)

Dialictus ROBERTSON.

Can. Ent., vol. 34, p. 48, 1902.

Type.—*Halictus anomalus* ROBERTSON, 1892. (Monobasic and original designation.)

Dialonia ROBERTSON.

Ent. News, vol. 14, p. 104, 1903.

Type.—*Sphecodes antennariae* ROBERTSON, 1891. (Monobasic and original designation.)

Diandrena COCKERELL.

Psyche, vol. 10, p. 75, 1903. Three species.

Type.—*Panurgus chalybacus* CRESSON, 1878. (Original designation.)

Proposed as a subgenus of *Andrena* Fabricius.

Dianthidium COCKERELL.

Ann. Mag. Nat. Hist., ser. 7, vol. 5, p. 412, 1900. Four species.

Type.—*Anthidium curvatum* F. SMITH, 1854. (Original designation.) *Dianthidium sayi* Cockerell, 1907, was designated as type by Cockerell, Ent. Rec., vol. 21, p. 269, 1909, who accepted certain specimens rather than the species cited as the basis for the generic name. Approval by the International Commission would be required for the adoption of this view (Opinion 65).

Proposed as a subgenus of *Anthidium* Fabricius.

Diceratosima ROBERTSON.

Trans. Amer. Ent. Soc., vol. 29, pp. 166 and 171, 1903.

Type.—(*Osmia quadridentata* CRESSON, 1878)=*Osmia conjuncta* CRESSON, 1864. (Monobasic and original designation.)

(Dichroa ILLIGER)=Sphecodes LATREILLE.

Magazin für Insektenkunde, vol. 5, pp. 39 and 46, 1805 [1806]. Fourteen species.

Type.—*Sphex gibba* LINNAEUS, 1758. (Present designation.)

Isogenotypic with *Sphecodes* Latreille.

Didonia GRIBODO.

Bull. Soc. Ent. Italiana, vol. 26, p. 106, 1894.

Type.—*Didonia punica* GRIBODO, 1894. (Monobasic.)

Diepeolus GRIBODO.

Bull. Soc. Ent. Italiana, vol. 26, p. 80, 1894.

Type.—*Epeolus (Diepeolus) giannellii* GRIBODO, 1894. (Monobasic.)

Proposed as a subgenus of *Epeolus* Latreille.

Dieunomia COCKERELL (=Eunomia CRESSON, not HÜBNER, 1818, not LAMOUROUX, 1821, not RISSO, 1826).

Entomologist, vol. 32, p. 14, 1899.

Type.—*Eunomia marginipennis* CRESSON, 1875. (By designation of Cockerell, Proc. U. S. Nat. Mus., vol. 38, p. 290, 1910.)

Digronoceras COCKERELL.

Rev. Zool. Bot. Africanes, vol. 20, p. 134, 1931. Four species.

Type.—(*Megachile*) *Gronoceras combusta* (F. SMITH), 1853. (Original designation.)

Proposed as a subgenus of *Gronoceras* COCKERELL.

(Dilobopeltis FAIRMAIRE) = Euaspis GERSTÄCKER.

Arch. Ent., vol. 2, p. 266, 1858.

Type.—(*Dilobopeltis fuscipennis* FAIRMAIRE, 1858) = (*Thynnus*) *Euaspis abdominalis* (FABRICIUS), 1793. (Monobasic.)

Isogenotypic with *Euaspis* Gerstäcker through synonymy.

Dioxys LEPELETIER and SERVILLE.

Encycl. Méthod., Hist. Nat., Ins., vol. 10, p. 109, 1825.

Type.—*Trachusa cincta* JURINE, 1807. (Monobasic.)

Dipedia FRIESE.

Flora og Fauna Silkeborg, vol. 8, p. 92, 1906. Four species.

Type.—*Ancyloscelis armatus* F. SMITH, 1854. (By designation of Lutz and Cockerell, Bull. Amer. Mus. Nat. Hist., vol. 42, p. 592, 1920.)

Synonym of *Leptergatis* Holmberg, according to Schrottky, Deutsche Ent. Zeitschr., p. 795, 1909.

Diphaglossa SPINOLA.

Historia física y política de Chile . . . por Claudio Gay, vol. 6, p. 168, 1851.

Type.—*Diphaglossa gayi* SPINOLA, 1851. (Monobasic.)

(Diphysis LEPELETIER) = Trachusa PANZER, 1804.

Histoire naturelle des insectes, Hyménoptères, vol. 2, p. 307, 1841.

Type.—(*Diphysis pyrcnaica* LEPELETIER, 1841) = *Apis byssina* PANZER, 1798.

Isogenotypic with *Trachusa* Panzer, 1804, through synonymy.

Diversobombus SKORIKOV.

Rev. Russe Ent., vol. 14, p. 406, 1914. Two species.

Type.—*Bombus diversus* F. SMITH, 1869. (Present designation because of virtual tautonymy.)

Proposed as a subgenus of *Bombus* Latreille.

Doeringiella HOLMBERG.

Actas Acad. Nac. Cienc. Córdoba, vol. 5, p. 151, 1884.

Type.—*Doeringiella bizonata* HOLMBERG, 1884. (Monobasic.)

Synonym of *Epeolus* Latreille, according to Brèthes, Ann. Mus. Nac. Buenos Aires, ser. 3, vol. 12, p. 68, 1909.

Dolichochole VIERECK.

Proc. Ent. Soc. Washington, vol. 11, p. 49, 1909.

Type.—*Dolichochole melittoides* VIERECK, 1909. (Monobasic and original designation.)

Drepanium ROBERTSON.

Ent. News, vol. 14, p. 103, 1903.

Type.—*Sphcodes falcifer* PATTON, 1880. (Monobasic.)

Dufourea LEPELETIER.

Histoire naturelle des insectes, Hyménoptères, vol. 2, p. 227, 1841. Two species.

Type.—*Dufourea minuta* LEPELETIER, 1841. (By designation of Richards, Trans. Ent. Soc. London, vol. 83, p. 172, 1935.) *Dufourea vulgaris* Schenck, 1859, designated by Cockerell, Psyche, vol. 31, p. 244, 1924, was not originally included.

Echthralictus PERKINS AND CHEESMAN.

Insects of Samoa, part 5, fasc. 1, p. 14, 1928. Two species.

Type.—*Halictus extraordinarius* KOHL, 1908. (Original designation.)

Ecleptica HOLMBERG.

Actas Acad. Nac. Cienc. Córdoba, vol. 5, p. 123, 1884.

Type.—*Ecleptica tintinnans* HOLMBERG, 1884. (Monobasic.)

Synonym of *Melissodes* Latreille, according to Brèthes, Anal. Mus. Nac. Buenos Aires, vol. 19 (ser. 3, vol. 12), p. 220, 1909.

Egapista COCKERELL (= *Apista* F. SMITH, 1861, not HÜBNER, 1816).

Can. Ent., vol. 36, p. 357, 1904.

Type.—*Apista opalina* F. SMITH, 1861. (Autobasic.)

Electrapis COCKERELL [fossil].

Schrift. phys.-ökon. Ges. Königsberg, Jahrg. 50, p. 7, 1909.

Type.—*Apis meliponoides* BUTTEL-REEPEN, 1906. (Monobasic and original designation.)

Emphor PATTON.

Bull. U. S. Geol. Surv. Terr., vol. 5, p. 476, 1879.

Type.—*Melissodes bombiformis* CRESSON, 1878. (Monobasic and original designation.)

Emphoropsis ASHMEAD.

Trans. Amer. Ent. Soc., vol. 26, p. 60, 1899. No species.

Cockerell and Cockerell, Ann. Mag. Nat. Hist., ser. 7, vol. 7, p. 48, 1901. Four species.

Type.—(*Anthophora*) *Habropoda floridana* (F. SMITH), 1854. (By designation of Cockerell and Cockerell, loc. cit.)

(**Energoponus** HOLMBERG) = *Ptilothrix* F. SMITH.

Anal. Mus. Nac. Buenos Aires, ser. 3, vol. 2, p. 406, 1903. Two species.

Type.—(*Energoponus strenuus* HOLMBERG, 1903) = *Ptilothrix plumatus* F. SMITH, 1853. (Present designation.)

Isogenotypic with *Ptilothrix* F. Smith through synonymy.

Ensliniana ALFKEN.

Deutsche Ent. Zeitschr., p. 431, 1938.

Type.—*Ensliniana cuspidata* ALFKEN, 1938. (Monobasic and original designation.)

Entechnia PATTON.

Bull. U. S. Geol. Surv. Terr., vol. 5, p. 476, 1879.

Type.—*Anthophora taurea* SAY, 1837. (Monobasic and original designation.)

Synonym of *Melitoma* Lepeletier and Serville, according to Vachal, Ann. Soc. Ent. France, pp. 5 to 14, 1909.

Eopsithyrus POPOV.

Eos, vol. 7, p. 134, 1931. Two species.

Type.—(*Apathus*) *Psithyrus tibetanus* (MORAWITZ), 1886. (Original designation.)

Proposed as a subgenus of *Psithyrus* Lepeletier.

Eoethrincostoma BLÜTHGEN.

Mitt. Zool. Mus. Berlin, vol. 15, pp. 496, 499, and 501, 1930. Three species.

Type.—(*Halictus*) *Thrinchostoma torridum* (F. SMITH), 1879. (Present designation.)

Proposed as a subgenus of *Thrinchostoma* SAUSSURE.

Epeicharis RADOSZKOWSKI (=Fiorentinia DALLA TORRE).

Horae Soc. Ent. Ross., vol. 18, p. 18, 1884.

Type.—*Epeicharis mexicanus* RADOSZKOWSKI, 1884. (Monobasic.)

Genotype transferred to *Tetrapedia* Klug by Friese, Zeitschr. Syst. Hym. Dipt., vol. 4, p. 100, 1904.

Synonym of *Tetrapedia* Klug, according to Cockerell, Trans. Amer. Ent. Soc., vol. 32, p. 105, 1906.

Epeoloides GIRAUD.

Verh. zool.-bot. Ges. Wien, vol. 13, p. 44, 1863.

Type.—(*Epeoloides ambiguus* GIRAUD, 1863) = (*Apis*) *Epeoloides coccutiens* (FABRICIUS), 1775. (Monobasic.)

Epeolus LATREILLE.

Histoire naturelle de fourmis, p. 427, 1802.

Type.—(*Nomada variegata* FABRICIUS, 1775) = *Apis variegata* LINNAEUS, 1758. (Monobasic.)

Epicharis KLUG.

Magazin für Insektenkunde, vol. 6, pp. 197 and 226, 1807. Two species.

Type.—*Centris umbraculata* FABRICIUS, 1804. (By designation of Lutz and Cockerell, Bull. Amer. Mus. Nat. Hist., vol. 42, p. 562, 1920.) (*Apis*)

Centris hirtipes (Fabricius), 1793, designated by Latrielle, Considérations générales . . . des insectes, p. 439, 1810, was not originally included in *Epicharis*, but is conspecific with *Centris dasypoda* [*dasypus*] Illiger, 1806, which was originally included. Both *hirtipes* Fabricius and *dasypoda* are synonyms of (*Apis*) *Epicharis rustica* (Olivier), 1789.

Epicharoides RADOSZKOWSKI.

Horae Soc. Ent. Ross., vol. 18, p. 20, 1884.

Type.—*Epicharoides bipunctatus* RADOSZKOWSKI, 1884. (Monobasic.)

Epiclopus SPINOLA.

Historia física y política de Chile . . . por Claudio Gay, Zool., vol. 6, p. 183, 1851.

Type.—*Epiclopus gayi* SPINOLA, 1851. (Monobasic.)

Epihalictoides COCKERELL AND PORTER.

Ann. Mag. Nat. Hist., ser. 7, vol. 4, p. 420, 1899.

Type.—(*Panurgus*) *Halictoides marginatus* (CRESSON), 1878. (Monobasic.)

Proposed as a subgenus of *Halictoides* Nylander.

Epimelissodes ASHMEAD.

Trans. Amer. Ent. Soc., vol. 26, p. 63, 1899.

Type.—*Melissodes atripes* CRESSON, 1872. (Monobasic and original designation.)

Epimethea MORAWITZ.

Horae Soc. Ent. Ross., vol. 12, p. 61, 1876. Two species.

Type.—*Epimethea variegata* MORAWITZ, 1876. (By designation of Cockerell, Amer. Mus. Novit., No. 36, p. 1, 1922.)

Epimonispractor HOLMBERG.

Bol. Acad. Nac. Cienc. Córdoba, vol. 10, p. 225, 1887. Nomen nudum.

Ann. Mus. Nac. Buenos Aires, ser. 3, vol. 2, p. 426, 1903. Two species.

Type.—*Epimonispractor graciosus* HOLMBERG, 1903. (Original designation.)

Synonym of *Exomalopsis* Spinola, according to Brèthes, Anal. Mus. Nac. Buenos Aires, vol. 19 (ser. 3, vol. 12), p. 223, 1909.

Epinomia ASHMEAD.

Trans. Amer. Ent. Soc., vol. 26, p. 88, 1899.

Type.—(*Nomia persimilis* COCKERELL, 1893)=*Nomia triangulifera* VACHAL, 1897. (Monobasic and original designation.)

(*Eriades* DALLA TORRE AND FRIESE) for *Heriades* SPINOLA.

Ent. Nachr., vol. 21, p. 69, 1895.

Ericrocis CRESSON.

Trans. Amer. Ent. Soc., supplementary vol., pp. 131 and 134, 1887.

Type.—*Crocisa ? lata* CRESSON, 1878. (Monobasic.)

(*Eriops* KLUG)=*Panurgus* PANZER.

Magazin für Insektenkunde, vol. 6, p. 197, 1807.

Type.—(*Dasypoda lobata* FABRICIUS, 1804=*Andrena lobata* PANZER, 1799)=*Apis calcarata* SCOPOLI, 1763. (Monobasic.)

Isogenotypic with *Panurgus* Panzer.

(*Eryops* LATREILLE) for *Eriops* KLUG.

Encycl. Méthod. Hist. Nat., Ins., vol. 8, p. 716, 1811.

Erythrosmia SCHMIEDEKNECHT.

Apidae Europaeae, vol. 2, p. 20 [886], 1884–86 [1885]. Two species.

Type.—*Osmia andrenoides* SPINOLA, 1808. (By designation of Cockerell, Amer. Mus. Novit., no. 40, p. 6, 1922.)

Proposed as a subgenus of *Osmia* Panzer.

Euandrena HEDICKE.

Mitt. Zool. Mus. Berlin, vol. 19, p. 212, 1933. Many species.

Type—*Andrena bicolor* FABRICIUS, 1775. (Original designation.)

Proposed as a subgenus of *Andrena* Fabricius.

Euaspis GERSTÄCKER (= *Dilobopeltis* FAIRMAIRE).

Monatsb. Akad. Wiss. Berlin, 1857, p. 461, 1858.

Type.—*Thynnus abdominalis* FABRICIUS, 1793. (Original designation.)

Isogenotypic with *Dilobopeltis* Fairmaire through synonymy.

Eucara FRIESE.

Zeitschr. Syst. Hym. Dipt., vol. 5, p. 241, 1905. Four species.

Type.—*Anthophora (Eucara) laticeps* FRIESE, 1905. (By designation of Cockerell, Ann. Mag. Nat. Hist., ser. 10, vol. 11, p. 456, 1933.)

Proposed as a subgenus of *Anthophora* Latreille.

Eucera SCOPOLI.

Historico naturalis, annus 4, p. 8, 1770. Three species.

Type.—(*Eucera longicornis* FABRICIUS, 1793)=*Apis longicornis* LINNAEUS, 1758. (By designation of Latreille, Considérations générales . . . des insectes, p. 439, 1810.)

Eucondylops BRAUNS.

Zeitschr. Syst. Hym. Dipt., vol. 2, p. 377, 1902.

Type.—*Eucondylops konowi* BRAUNS, 1902. (Monobasic.)

Eufriesea COCKERELL (= *Eumorpha* FRIESE, 1889, not HÜBNER, 1807, not ENDLICHER, 1837).

Psyche, vol. 15, p. 41, 1909.

Type.—*Euglossa pulchra* F. SMITH, 1854. (Autobasic.)

Synonym of *Eutaema* Lepeletier, according to Lutz and Cockerell, Bull. Amer. Mus. Nat. Hist., vol. 42, p. 544, 1920, which is isogenotypic with *Centris* Fabricius.

Euglages GERSTAECKER.

Stettin. Ent. Zeitschr., vol. 30, p. 149, 1869.

Type.—*Euglages scripta* GERSTAECKER, 1869. (Monobasic.)

Synonym of *Phiarus* Gerstaecker, according to Dalla Torre, Catalogus hymenopterorum, vol. 10, p. 500, 1896.

Euglossa LATREILLE (=Cnemidium PERTY; Plusia HOFFMANSEGG, 1817, not HÜBNER, 1806, not OCHSENHEIMER, 1816).

Histoire naturelle de fourmis, p. 436, 1802. Two species.

Type.—(*Euglossa cordata* FABRICIUS, 1804)=*Apis cordata* LINNAEUS, 1758.

(By designation of Blanchard, in Cuvier, Règne animal [ed. 3], insectes, text vol. 2, p. 219; atlas, pl. 129, fig. 2 [1849].)

Isogenotypic with *Cnemidium* Perty through synonymy.

Euherbstia FRIESE.

Stettin. Ent. Zeit., vol. 85, Heft 2, p. 8, 1925.

Type.—*Euherbstia excellens* FRIESE, 1925. (Monobasic.)

(**Eulaema** LEPELETIER; **Eulema** DALLA TORRE; **Eulaenia** SPINOLA)=**Centris** FABRICIUS.

Histoire naturelle des insectes. Hyménoptères, vol. 2, p. 11, 1841. Seven species.

Type.—*Apis dimidiata* FABRICIUS, 1793. (By designation of Taschenberg, Berlin. Ent. Zeitschr., vol. 27, p. 85, 1883.)

Isogenotypic with *Centris* FABRICIUS.

(**Eulaenia** SPINOLA) for **Eulaema** LEPELETIER.

Historia física y política de Chile . . . por Claudio Gay, Zool., vol. 6, p. 167, 1851.

(**Eulema** DALLA TORRE) for **Eulaema** LEPELETIER.

Catalogus hymenopterorum, vol. 10, p. 309, 1896.

Eulonchopria BRÈTHES.

Anal. Mus. Nac. Buenos Aires, vol. 19 (ser. 3, vol. 12), p. 247, 1909.

Type.—*Eulonchopria psacnythioides* BRÈTHES, 1909. (Monobasic.)

Eumegachile FRIESE.

Term. Fuz., vol. 21, p. 198, 1898. No species.

Die Bienen Europas, vol. 5, p. 36, 1899. Seven species.

Type.—*Megachile bombyeina* RADOSZKOWSKI, 1874. (By designation of Cockerell, Australian Zool., vol. 6, p. 209, 1930.)

Proposed as a subgenus of *Megachile* Latreille.

(**Eumorpha** FRIESE, not HÜBNER, 1807, not ENDLICHER, 1837)=**Eufriesea** COCKERELL.

Term. Fuz., vol. 22, p. 126, 1899. Eleven species.

Type.—*Euglossa pulchra* F. SMITH, 1854. (By designation of COCKERELL, Psyche, vol. 15, p. 41, 1908.)

Proposed as a subgenus of *Euglossa* Latreille.

(**Eunomia** CRESSON, not HÜBNER, 1818, not LAMOUREUX, 1821, not RISSO, 1826)=**Dieunomia** COCKERELL.

Rept. Geogr. Geol. Expl. & Surv. 100th Merid., vol. 5, p. 723, 1875. Three species.

Type.—*Eunomia marginipennis* CRESSON, 1875. (By designation of Cockerell, Proc. U. S. Nat. Mus., vol. 38, p. 290, 1910.)

Eunomioides BLÜTHGEN.

Soc. Sci. Fennica, Comm. Biol., vol. 6, No. 11, p. 3, 1937.

Type.—(*Andrena*) *Nomioides variegata* (OLIVIER), 1789. (Original designation.)

Proposed as a subgenus of *Nomioides* Schenk.

Eupalaeorhiza MEADE-WALDO.

Ann. Mag. Nat. Hist., ser. 8, vol. 13, p. 403, 1914.

Type.—*Eupalaeorhiza papuana* MEADE-WALDO, 1914. (Monobasic and original designation.)

Eupetersia BLÜTHGEN.

Deutsche Ent. Zeitschr., p. 49, 1928. Eleven species.

Type.—*Eupetersia neavei* BLÜTHGEN, 1928. (Original designation.)

Euprosopis PERKINS.

Ann. Mag. Nat. Hist., ser. 8, vol. 9, p. 106, 1912. Three species.

Type.—*Prosopis husela* COCKERELL, 1910. (Original designation.)

Euryapis, new name (= *Orbitella* MA, 1938, not DONVILLE, 1915).

Type.—*Xylocopa confusa* PÉREZ, 1901. (Autobasic.)

Euryglossa F. SMITH.

Catalogue hymenopterous insects . . . British Museum, pt. 1, p. 16, 1853.

Three species.

Type.—*Euryglossa cupreochalybca* F. SMITH, 1853. (By designation of Meade-Waldo, Genera insectorum, fasc. 181, p. 6, 1923.)

Euryglossella COCKERELL.

Entomologist, vol. 43, p. 263, 1910.

Type.—*Euryglossella minima* COCKERELL, 1910. (Monobasic.)

Euryglossidia COCKERELL.

Ann. Mag. Nat. Hist., ser. 8, vol. 6, p. 358, 1910. Two species.

Type.—*Euryglossidia rectangulata* COCKERELL, 1910. (Original designation.)

Euryglossimorpha STÅND.

Jahrb. Nassau. Ver. Naturk., vol. 63, p. 40, 1910.

Type.—*Euryglossa nigra* F. SMITH, 1879. (Monobasic.)

Proposed as a subgenus of *Euryglossa* F. SMITH.

Euryglossina COCKERELL.

Trans. Amer. Ent. Soc., vol. 36, p. 211, 1910.

Type.—*Euryglossa semipurpurea* COCKERELL, 1910. (Monobasic.)

Proposed as a subgenus of *Euryglossa* F. SMITH.

Eurytis F. SMITH.

Catalogue of hymenopterous insects . . . British Museum, pt. 2, p. 279, 1854.

Type.—*Eurytis funereus* F. SMITH, 1854. (Monobasic.)

Synonym of *Hopliphora* Lepeletier, according to Ashmead, Trans. Amer. Ent. Soc., vol. 26, p. 67, 1899.

Eusynhalonia ASHMEAD.

Trans. Amer. Ent. Soc., vol. 26, p. 63, 1899.

Type.—(*Melissodes*) *Synhalonia edwardsii* (CRESSON), 1878. (Monobasic and original designation.)

Synonym of *Tetralonia* Spinola, according to Lutz and Cockerell, Bull. Amer. Mus. Nat. Hist., vol. 42, p. 615, 1920.

Euthyloglossa RADOSZKOWSKI.

Horae Soc. Ent. Ross., vol. 18, p. 21, 1884.

Type.—*Euthyloglossa fasciata* RADOSZKOWSKI, 1884. (Monobasic.)

Genotype transferred to *Osiris* F. Smith by Friese, Zeitschr. Syst. Hym. Dipt., vol. 4, p. 100, 1904.

Synonym of *Osiris* F. Smith, according to Cockerell, Trans. Amer. Ent. Soc., vol. 32, p. 104, 1906.

Eutricharaea THOMSON (= *Paramegachile* FRIESE).

Hymenoptera Scandinaviae, vol. 2, p. 228, 1872.

Type.—*Apis argentata* FABRICIUS, 1793. (Monobasic.)

Proposed as a subgenus of *Megachile* Latreille.

Isogenotypic with *Paramegachile* Friese.

(Evodia PANZER) = Colletes LATREILLE.

Kritische Revision der Insektenfauna Deutschlands . . . vol. 2, p. 207, 1806.
Type.—(*Apis calendarum* PANZER, 1801) = (*Apis*) *Colletes succincta* (LINNÆUS), 1758. (Monobasic.)

Isogenotypic with *Colletes* Latreille through synonymy.

Evylaeus ROBERTSON.

Can. Ent., vol. 34, pp. 244, 245, and 247, 1902. Seven species.

Type.—*Halictus arcuatus* ROBERTSON, 1893. (Original designation.)

Exaerete HOFFMANNSEGG (=Chrysantheda PERTY; Caliendra GISTEL).

Zool. Mag., vol. 1, p. 53, 1817.

Type.—(*Euglossa dentata* FABRICIUS, 1804) = *Apis dentata* LINNÆUS, 1758. (Monobasic.)

Isogenotypic with *Caliendra* Gistel and *Chrysantheda* Perty through synonymy.

Exilobombus SKORIKOV.

Bull. Sta. Région. Protect. Plantes Petrograd., vol. 3, p. 150, 1922.

Type.—(*Mucidobombus (Exilobombus) exil* SKORIKOV, 1922) = *Bombus nymphæ* SKORIKOV, 1909. (Monobasic.)

Proposed as a subgenus of *Mucidobombus* Skorikov.

Skorikov gives no reason for his change of the name *nymphæ* to *exil*, and unless *Bombus nymphæ* Skorikov is a homonym it must stand with *exil* as a synonym.

Exomalopsis SPINOLA.

Mem. Reale Accad. Sci. Torino, ser. 2, vol. 13, p. 89, 1853. Four species.

Type.—(*Exomalopsis fulropilosa* SPINOLA, 1853) = *Exomalopsis aurcopilosa* SPINOLA, 1853. (By designation of Taschenberg, Berlin. Ent. Zeitschr., vol. 27, p. 82, 1883.)

Exoneura F. SMITH.

Catalogue of hymenopterous insects . . . British Museum, pt. 2, p. 232, 1854.

Type.—*Exoneura bicolor* F. SMITH, 1854. (Monobasic.)

Exoneuridia COCKERELL.

Ann. Mag. Nat. Hist. ser. 8, vol. 7, p. 232, 1911.

Type.—*Exoneura libanensis* FRIESE, 1899. (Monobasic and original designation.)

Proposed as a subgenus of *Exoneura* F. Smith.

Fasciata MÉHELY.

Naturgeschichte der Urbiene, pp. 44 and 140, 1935. Two names.

Proposed as a subgenus of *Prosopis* FABRICIUS.

Synonym of *Prosopis* Fabricius according to Popov, Compt. Rend. (Doklady) Acad. Sci., U. R. S. S., new ser. vol. 25, p. 168, 1939.

Invalid under Article 25c of the International Rules of Zoological Nomenclature, since no genotype was designated.

(Fascista POPOV) for Fasciata MÉHELY.

Compt. Rend. (Doklady) Acad. Sci. U. R. S. S., new ser., vol. 25, p. 168, 1939.

Fernaldaepsithyrus FRISON.

Trans. Amer. Ent. Soc., vol. 53, p. 70, 1927.

Type.—*Psithyrus fernaldae* FRANKLIN, 1911. (Monobasic and original designation.)

Proposed as a subgenus of *Psithyrus* Lepelletier.

Fertonella COCKERELL (=Pérezia FERTON, not LEGER and DUBOSCQ, 1909).

Ann. Durban Mus., vol. 2, p. 257, 1920.

Type.—*Pérezia maura* FERTON, 1913. (Autobasic.)

Fervidobomus SKORIKOV.

Bull. Sta. Région. Protect. Plantes Petrograd, vol. 4, p. 153, 1922. Thirty-two species.

Type.—(*Apis*) *Bremus fervidus* (FABRICIUS), 1798. (By designation of Frison, Trans. Amer. Ent. Soc., vol. 53, p. 69, 1927.)

Fidelia FRIESE.

Ann. naturhist. Hofmus. Wien. vol. 14, p. 244, 1899.

Type.—*Fidelia paradoxa* FRIESE, 1899. (Monobasic.)

(Fiorentinia DALLA TORRE) = **Epeicharis** RADOSZKOWSKI.

Catalogus hymenopterorum, vol. 10, p. 334, 1896.

Type.—*Epeicharis mexicanus* RADOSZKOWSKI, 1884. (Autobasic.)

Proposed for *Epeicharis* Radoszkowski, not *Epicharis* Klug.

Florilegus ROBERTSON.

Trans. Acad. Sci. St. Louis, vol. 10, p. 53, 1900.

Type.—*Melissodes condigna* CRESSON, 1878. (Monobasic.)

Formicapis SLADEN.

Can. Ent., vol. 48, p. 271, 1916.

Type.—*Formicapis clypeata* SLADEN, 1916. (Monobasic.)

Fraternobombus SKORIKOV.

Bull. Sta. Région. Protect. Plantes Petrograd, vol. 4, p. 156, 1922. Three species.

Type.—(*Apathus*) *Alpigenobombus* (*Fraternobombus*) *fraternus* (F. SMITH), 1854. (By designation of Frison, Trans. Amer. Ent. Soc., vol. 53, p. 63, 1927.)

Proposed as a subgenus of *Alpigenobombus* Skorikov.

(Frieesea SCHROTTKY, not DALLA TORRE, 1895) = **Parafrieesea** SCHROTTKY.

Rev. Mus. Paulista, vol. 5, p. 418, 1903. (Monobasic.)

Type.—(*Frieesea brasiliensis* SCHROTTKY, 1903) = (*Calliopsis*) *Camptopoeum flavifrons* (F. SMITH), 1853.

Synonym of *Camptopoeum* Spinola, according to Ducke, Zool. Jahrb., Abt. Syst., Jena, vol. 34, p. 86, 1912.

Frieeseomelitta IHERING.

Zeitschr. wiss. Insektenbiol., vol. 8, p. 5, 1912.

Type.—*Trigona silvestrii* FRIESE, 1902. (Monobasic.)

Funebribombus SKORIKOV.

Bull. Sta. Région. Protect. Plantes, Petrograd, vol. 4, p. 157, 1922.

Type.—(*Bombus*) *Alpigenobombus* (*Funebribombus*) *funebris* (F. SMITH), 1854. (Monobasic.)

Proposed as a subgenus of *Alpigenobombus* Skorikov.

(Furcosmia SCHMIEDEKNECHT) = **Anthocopa** LEPELETIER AND SERVILLE.

Apidae Europaeae, vol. 2, p. 22 [888], 1884–86 [1885]. Five species.

Type.—*Apis papaveris* LATREILLE, 1799. (By designation of Cockerell, Amer. Mus. Novitates, no. 40, p. 6, footnote, 1922.)

Isogenotypic with *Anthocopa* Lepeletier and Serville and *Phyllotoma* Duméril.

Proposed as a subgenus of *Osmia* Panzer.

Gastrohalictus DUCKE.

Zeitschr. Syst. Hym. Dipt., vol. 2, p. 102, 1902.

Type.—*Halictus* (*Gastrohalictus*) *osmioides* DUCKE, 1902. (Monobasic.)

Proposed as a subgenus of *Halictus* Latreille.

Gastropsis F. SMITH (=Oestropsis F. SMITH, 1863, not BRAUER, 1863).

Trans. Ent. Soc. London, Proc. p. xxxix, 1868.

Type.—*Oestropsis pubescens* F. SMITH, 1868. (Autobasic.)

Synonym of *Stenotritus* F. Smith, according to Cockerell, Ann. Mag. Nat. Hist., ser. 10, vol. 3, p. 358, 1929.

Geoperdita COCKERELL AND PORTER.

Ann. Mag. Nat. Hist., ser. 7, vol. 4, p. 415, 1899.

Type.—*Perdita chamaesarachae* COCKERELL, 1896. (Monobasic.)

Proposed as a subgenus of *Perdita* F. Smith.

Glossoperdita COCKERELL.

Pomona Journ. Ent. Zool. vol. 8, p. 43, 1916.

Type.—*Perdita (Glossoperdita) pelargoides* COCKERELL, 1916. (Monobasic.)

Proposed as a subgenus of *Perdita* F. Smith.

Glossura COCKERELL.

Can. Ent., vol. 49, p. 144, 1917. Two species.

Type.—*Euglossa piliventris* GUÉRIN, 1845. (Original designation.)

Proposed as a subgenus of *Euglossa* Latreille.

Glyphandrena HEDICKE.

Mitt. Zool. Mus. Berlin, vol. 19, p. 213, 1933. Seven species.

Type.—(*Apis*) *Andrena carbonaria* (LINNAEUS), 1767. (Original designation.)

Proposed as a subgenus of *Andrena* Fabricius.

Glyptapis COCKERELL [fossil].

Schrift. phys.-ökon. Ges. Königsberg. Jahrg. 50, p. 13, 1909. Four species.

Type.—*Glyptapis mirabilis* COCKERELL, 1909. (Original designation.)

Gnathias ROBERTSON.

Can. Ent., vol. 35, pp. 173, 174, and 175, 1903. Thirteen species.

Type.—*Nomada bella* CRESSON, 1863. (Original designation.)

(*Gnathocera* PROVANCHER, not KIRBY, 1825)=*Sayapis* TITUS.

Nat. Can., vol. 13, p. 232, 1882.

Type.—(*Gnathocera cephalica* PROVANCHER, 1882)=*Megachile (Sayapis) pugnatius* SAY, 1837. (Monobasic.)

Isogenotypic with *Sayapis* Titus and through synonymy with *Ceratius* Robertson.

(*Gnathodon* ROBERTSON, not OKEN, 1816, not SOWERBY, 1832, not STREUBEL, 1842, not JARDINE, 1845)=*Sarogaster* ROBERTSON.

Trans. Amer. Ent. Soc., vol. 29, pp. 168 and 192, 1903.

Type.—*Megachile georgica* CRESSON, 1878. (Monobasic and original designation.)

Synonym of *Chelostomoides* ROBERTSON, according to Mitchell, Trans. Amer. Ent. Soc., vol. 63, p. 396, 1937.

(*Gnathopasites* LINSLEY AND MICHENER)=*Neopasites* ASHMEAD.

Trans. Amer. Ent. Soc., vol. 65, p. 272, 1939.

Type.—*Phileremus fulviventris* CRESSON, 1878. (Monobasic and original designation.)

Isogenotypic with *Neopasites* Ashmead.

Gnathoprosopis PERKINS.

Ann. Mag. Nat. Hist., ser. 8, vol. 9, p. 104, 1912. Two species.

Type.—(*Prosopis xanthopoda* COCKERELL, 1910, not VACHAL, 1895)=*Prosopis euxantha* COCKERELL, 1910. (Original designation.)

Gnathosmia ROBERTSON.

Trans. Amer. Ent. Soc., vol. 29, pp. 165 and 171, 1903.

Type.—*Osmia georgica* CRESSON, 1878. (Monobasic and original designation.)

Synonym of *Chalcosmia* Schmiedeknecht, according to Sandhouse, Mem. Ent. Soc. Washington, No. 1, p. 13, 1939.

Gnathylaeus BRIDWELL.

Proc. Hawaiian Ent. Soc., vol. 4, p. 133, 1919.

Type.—*Gnathylaeus williamsi* BRIDWELL, 1919. (Monobasic and original designation.)

Gonandrena VIERECK.

Trans Amer. Ent. Soc., vol. 43, p. 390, 1917.

Type.—*Andrena* (*Gonandrena*) *persimulata* VIERECK, 1917. (Monobasic.)

Proposed as a subgenus of *Andrena* Fabricius.

Goniocolletes COCKERELL.

Bull. Amer. Mus. Nat. Hist., vol. 23, p. 231, 1907.

Type.—*Goniocolletes morsus* COCKERELL, 1907. (Monobasic and original designation.)

Greeleyella COCKERELL.

Entomologist, vol. 37, p. 235, 1904.

Type.—*Greeleyella beardleyi* COCKERELL, 1904. (Monobasic and original designation.)

Synonym of *Panurginus* NYLANDER, according to Crawford, Proc. Ent. Soc. Washington, vol. 28, p. 208, 1926.

Gronoceras COCKERELL.

Ann. Mag. Nat. Hist., ser. 7, vol. 20, p. 65, 1907. Six species.

Type.—(*Gronoceras wellmanni* COCKERELL, 1907) = (*Megachile*) *Gronoceras bombyiformis* (GERSTAECKER), 1857. (Original designation.)

(**Gundlachia** CRESSON, not PFEIFFER, 1849) = **Heterocentris** COCKERELL.

Proc. Ent. Soc. Philadelphia, vol. 4, p. 195, 1865.

Type.—(*Centris* ? *cornuta* CRESSON, 1865, not Fabricius, 1787) = *Centris difformis* F. SMITH, 1854. (Monobasic.)

Isogenotypic with *Rhodocentris* Friese.

Gymnandrena HEDICKE.

Mitt. Zool. Mus. Berlin, vol. 19, p. 213, 1933. Eight species.

Type.—(*Apis*) *Andrena thoracica* (FABRICIUS), 1775. (Original designation.)

Proposed as a subgenus of *Andrena* Fabricius.

(**Gymnus** SPINOLA) = **Stelis** PANZER.

Insectorum liguriae species novae aut rariores . . . , vol. 2, p. 9, 1808.

Type.—(*Apis*) *Stelis aterrima* (PANZER), 1798, not CHRIST, 1791) = *Apis punctulatissima* KIRBY 1802. (Monobasic.)

Isogenotypic with *Stelis* Panzer, *Gyrodroma* Klug, and *Ceraplastes* Gistel. *Trachusa* Jurine, 1801, also isogenotypic with *Stelis*, has been invalidated by Opinion 135 of the International Commission of Zoological Nomenclature.

(**Gyrodroma** KLUG) = **Stelis** PANZER.

Magazin für Insektenkunde, vol. 6, p. 198, 1807.

Type.—(*Megilla aterrima* FABRICIUS, 1804 = *Apis aterrima* PANZER, 1798, not CHRIST, 1791) = *Apis punctulatissima* KIRBY, 1802. (Monobasic.)

Isogenotypic with *Stelis* Panzer, *Gymnus* Spinola, and *Ceraplastes* Gistel. *Trachusa* Jurine, 1801, also isogenotypic with *Stelis*, has been invalidated by Opinion 135 of the International Commission of Zoological Nomenclature.

(Gyrodroma THOMSON, not KLUG, 1807) = Heriades SPINOLA.

Hymenoptera Scandinaviae, vol. 2, p. 259, 1872. Two species.

Type.—(*Heriades*) *Gyrodroma nigricornis* (NYLANDER), 1848. (By designation of Cockerell, Proc. California Acad. Sci., vol. 14, p. 205, 1925.)

(Habrophora F. SMITH, not ERICHSON, 1846) = Habropoda F. SMITH.

Catalogue of hymenopterous insects . . . British Museum, pt. 2, p. 318, 1854.

Two species.

Type.—(*Habrophora ezonata* F. SMITH, 1854) = *Tetralonia tarsata* SPINOLA, 1838. (By designation of Patton, Bull. U. S. Geol. Surv. Terr., vol. 5, p. 477, 1879.)

Isogenotypic with *Habropoda* F. Smith.

Habropoda F. SMITH (=Habrophora F. SMITH, 1854, not ERICHSON, 1846).

Catalogue of hymenopterous insects . . . British Museum, pt. 2, p. 320, 1854.

Type.—(*Habrophora ezonata* F. SMITH, 1854) = *Tetralonia tarsata* SPINOLA, 1838. (Autobasic.)

Isogenotypic with *Habrophora* F. Smith.

Hackeriapis COCKERELL.

Ann. Mag. Nat. Hist., ser. 9, vol. 10, p. 267, 1922. Four species.

Type.—*Megachile rhodura* COCKERELL, 1906. (Original designation.)

Proposed as a subgenus of *Megachile* Latreille.

Halictanthrena DUCKE.

Zeitschr. Syst. Hym. Dipt., vol. 7, p. 364, 1907.

Type.—*Halictanthrena malpighiacarum* DUCKE, 1907. (Monobasic.)

Synonym of *Lonchopria* Vachal, according to Brèthes, Anal. Mus. Nac. Buenos Aires, vol. 19 (ser. 3, vol. 12), p. 247, 1909.

Halictoides NYLANDER.

Notis. Sallsk. Fauna Flora Fennica, vol. 1, p. 195, 1848. Two species.

Type.—*Halictoides dentiventris* NYLANDER, 1848. (By designation of Cockerell and Porter, Ann. Mag. Nat. Hist., ser. 7, vol. 4, p. 420, 1899.)

Halictomorpha SCHROTTKY.

Rev. Mus. Paulista, vol. 8, p. 81, 1910.

Type.—*Halictomorpha phaedra* SCHROTTKY, 1910. (Monobasic and original designation.)

Halictus LATREILLE.

Nouv. Dict. Hist. Nat., vol. 24, p. 182, 1804. Three species.

Type.—*Apis quadricincta* FABRICIUS, 1776. (By designation of Richards, Trans. Roy. Ent. Soc. London, vol. 83, p. 170, 1935.) *Hylaeus sexcinctus* Fabricius, 1775, designated by Latreille, Considérations générales . . . des insectes, p. 439, 1810, was not originally included; and *Melitta rubicunda* Kirby, 1802, designated by Curtis (Brit. Ent., vol. 10, p. 448a, 1833) was likewise not originally included.

Haplomelitta COCKERELL.

Ann. Mag. Nat. Hist., ser. 10, vol. 13, p. 446, 1934. Two species.

Type.—*Rhinochaetula ogilviei* COCKERELL, 1932. (Original designation.)

Helicosmia THOMSON.

Hymenoptera Scandinaviae, vol. 2, p. 233, 1872. No species.

Schmiedeknecht, Apidae Europaeae, vol. 2, p. 22 [888], 1834–86 [1885]. Seven species.

Type.—*Apis aurulenta* PANZER, 1799. (By designation of Michener, Amer. Midland Nat., vol. 26, p. 163, 1941.)

Proposed as a subgenus of *Osmia* Panzer.

Heliofila KLUG (=Saropoda LATREILLE).

Magazin für Insektenkunde, vol. 6, p. 197, 1807.

Type.—*Apis bimaculata* PANZER, 1798. (Monobasic.)

Hemihalictus COCKERELL.

Can. Ent., vol. 29, p. 287, 1897.

Type.—*Panurgus lustrans* COCKERELL, 1897. (Monobasic.)

Heminomada COCKERELL (=Xanthidium ROBERTSON, 1903, not EHRENBERG, 1833).

Ann. Mag. Nat. Hist., ser. 7, vol. 10, p. 42, 1902.

Type.—*Nomada obliterata* CRESSON, 1863. (Monobasic and original designation.)

Proposed as a subgenus of *Nomada* Fabricius.

Hemisia KLUG (=Centris auct, not FABRICIUS).

Magazin für Insektenkunde, vol. 6, pp. 198 and 227, 1807. Four species.

Type.—(*Centris haemorrhoidalis* (FABRICIUS), 1804) = *Apis haemorrhoidalis* Fabricius, 1775. (By designation of Cockerell, Trans. Amer. Ent. Soc., vol. 32, p. 105, 1906.)

Synonym of *Centris* Fabricius, according to Dalla Torre, Catalogus Hymenopterorum, vol. 10, p. 252, 1896, but this is incorrect. *Hemisia* should be used for *Centris* auct., not Fabricius.

(Herbstiella FRIESE, not STIMPSON, 1871) = **Kelita**, new name.

Stettin. Ent. Zeit., vol. 77, p. 168, 1916.

Type.—*Herbstiella chilensis* FRIESE, 1916. (Monobasic.)

Heriades SPINOLA (=Trypetes SCHENK, 1859, not SCHÖNHERR, 1836; Eriades DALLA TORRE and FRIESE).

Insectorum Liguria species novae aut rariores . . ., vol. 2, p. 7, 1808. Seven species.

Type.—(*Anthophora truncorum* FABRICIUS, 1804) = *Apis truncorum* LINNAEUS, 1758. (By designation of Latreille, Considérations générales . . . des insectes, p. 439, 1810.) *Apis campanularum* Kirby, 1802, designated by Curtis, Brit. Ent., vol. 11, p. 504, 1834. *Heriades rapunculii* "Fabricius" [Lepeletier, 1841] designated by Blanchard, in Cuvier, Règne Animal, [ed. 3], insects, text vol. 2, p. 208; atlas, pl. 126, fig. 7, [1849], was not originally included. *Apis florissomnis* Linnaeus, 1758, designated by Taschenberg, Berlin, Ent. Zeitschr., vol. 27, p. 1883.

Isogenotypic with *Trypetes* Schenck.

Heriadopsis COCKERELL.

Rev. Zool. Bot. Africaines, vol. 20, p. 338, 1931.

Type.—*Heriadopsis striatulus* COCKERELL, 1931. (Monobasic and original designation.)

Hesperapis COCKERELL.

Can. Ent., vol. 30, p. 147, 1898.

Type.—*Hesperapis elegantula* COCKERELL, 1898. (Monobasic.)

Hesperonomada LINSLEY.

Pan-Pacific Ent., vol. 15, p. 5, 1939.

Type.—*Hesperonomada melanantha* LINSLEY, 1939. (Monobasic and original designation.)

Heteranthidium COCKERELL.

Ent. News, vol. 15, p. 292, 1904.

Type.—*Anthidium dorsale* LEPELETIER, 1841. (Monobasic and original designation.)

(Heterapis COCKERELL, not LINSTON, 1889) = **Heterapoides**, new name.

Entomologist, vol. 44, p. 140, 1911. Two species.

Type.—*Heterapis delicata* COCKERELL, 1911. (Original designation.)

Heterapoides, new name (=Heterapis COCKERELL, 1911, not LINSTON, 1889).

Type.—*Heterapis delicata* COCKERELL, 1911. (Autobasic.)

Heterocentris COCKERELL (=Gundlachia CRESSON, 1865, not PFEIFFER, 1849; Rhodocentris Friese).

Entomologist, vol. 32, p. 14, 1899.

Type.—(*Centris* ? *cornuta* CRESSON, 1865, not FABRICIUS, 1787) = *Centris difformis* F. SMITH, 1854. (Autobasic.)

Proposed for *Gundlachia* Cresson, preoccupied.

Isogenotypic with *Rhodocentris* Friese.

Heterocolletes RAYMENT.

A cluster of bees, p. 184, 1935.

Type.—*Paracolletes* (*Heterocolletes*) *capillatus* RAYMENT, 1935. (Monobasic and original designation.)

Proposed as a subgenus of *Paracolletes* F. Smith.

Heterorhiza COCKERELL.

Mem. Queensland Mus., vol. 9, p. 316, 1929. Four species.

Type.—*Palaeorhiza melanura* COCKERELL, 1910. (Original designation.)

Proposed as a subgenus of *Palaeorhiza* Perkins.

Heterosarus ROBERTSON.

Ent. News, vol. 29, p. 91, 1918.

Type.—*Calliopsis parvus* ROBERTSON, 1892. (Monobasic and original designation.)

Heterotrigona SCHWARZ.

Bull. Amer. Mus. Nat. Hist., vol. 76, p. 96, 1939. Two species.

Type.—*Trigona itama* COCKERELL, 1919. (Original designation.)

Proposed as a subgenus of *Trigona* Jurine.

Hexepeolus LINSLEY AND MICHENER.

Pan-Pacific Ent., vol. 13, pp. 77 and 81, 1937. Two species.

Type.—*Hexepeolus mojavensis* LINSLEY AND MICHENER, 1937. (Original designation.)

Holandrena PÉREZ.

Actes Soc. Linn. Bordeaux, vol. 44, p. 176, 1890. Eight species.

Type.—(*Melitta*) *Andrena labialis* (KIRBY), 1802. (By designation of Hedicke, Mitt. Zool. Mus. Berlin, vol. 19, p. 214, 1933.)

Proposed as a subgenus of *Andrena* Fabricius.

Holcopasites ASHMEAD.

Trans. Amer. Ent. Soc., vol. 26, p. 82, 1899. No species.

Crawford, Insecutor Inscitiae Menstruus, vol. 3, p. 123, 1915. Seven species.

Type.—*Phileremus illinoiensis* ROBERTSON, 1891. (By designation of Crawford, Insecutor Inscitiae Menstruus, vol. 3, p. 123, 1915.)

Holmbergia JÖRGENSEN.

Zool. Jahrb., Abt. Syst., Jena, vol. 32, p. 100, 1912.

Type.—*Holmbergia cristariae* JÖRGENSEN, 1912. (Monobasic.)

(*Holmbergiapis* COCKERELL) = *Alloscirtetica* HOLMBERG.

Trans. Amer. Ent. Soc., vol. 44, p. 36, 1918.

Type.—*Scirtetica artarctica* HOLMBERG, 1903. (Autobasic.)

Proposed for *Scirtetica* Holmberg, preoccupied, but superseded by *Alloscirtetica* Holmberg.

Holonomada ROBERTSON.

Can. Ent., vol. 35, pp. 174, 175, and 177, 1903. Four species.

Type.—*Nomada superba* CRESSON, 1863. (Original designation.)

(*Homachthes* DALLA TORRE) for *Omachthes* GERSTAECKER.

Catalogus hymenopterorum, vol. 10, p. 499, 1896.

Homalictus COCKERELL.

Philippine Journ. Sci., vol. 15, p. 13, 1919. Four species.

Type.—*Halictus taclobanensis* COCKERELL, 1915. (Original designation.)

Proposed as a subgenus of *Halictus* Latreille.

Hoplandrena PÉREZ.

Actes Soc. Linn. Bordeaux, vol. 44, p. 170, 1890. Many species.

Type.—(*Melitta*) *Andrena trimmerana* (KIRBY), 1802. (By designation of Hedicke, Mitt. Zool. Mus. Berlin, vol. 19, p. 214, 1933.)

Proposed as a subgenus of *Andrena* Fabricius.

Hopliphora LEPELETIER (= *Oxynedys* SCHROTTKY).

Histoire naturelle des insectes, Hyménoptères, vol. 2, p. 458, 1841.

Type.—*Mesocheira velutina* LEPELETIER and SERVILLE, 1825. (Monobasic.)

Isogenotypic with *Oxynedys* Schrottky through synonymy.

(**Hoplitella** COCKERELL, not LEVENSON, 1909) = **Hoplitina** COCKERELL.

Can. Ent., vol. 42, p. 169, 1910.

Type.—*Hoplitella pentamera* COCKERELL, 1910. (Monobasic.)

Hoplitina COCKERELL (= **Hoplitella** COCKERELL, 1910, not LEVENSON, 1909.)

Can. Ent., vol. 45, p. 34, 1913.

Type.—*Hoplitella pentamera* COCKERELL, 1910. (Autobasic.)

Hoplitis KLUG (= *Ctenosmia* THOMSON).

Magazin für Insektenkunde, vol. 6, p. 225, 1807.

Type.—(*Anthophora adunca* FABRICIUS, 1804) = *Apis adunca* PANZER, 1798. (Monobasic.)

Isogenotypic with *Ctenosmia* Thomson.

Hoplonomia ASHMEAD.

Journ. New York Ent. Soc., vol. 12, p. 4, 1904. Three species.

Type.—*Hoplonomia quadrifasciata* ASHMEAD, 1904. (By designation of Cockerell, Proc. U. S. Nat. Mus., vol. 38, p. 289, 1910.)

Hoploparasites ASHMEAD.

Psyche, vol. 8, p. 284, 1898.

Type.—*Phileremus ?productus* CRESSON, 1879. (Monobasic and original designation.)

Hoploprosopis HEDICKE.

Deutsche Ent. Zeitschr., p. 415, 1926.

Type.—*Prosopis (Hoploprosopis) quadricornis* HEDICKE, 1926. (Monobasic and original designation.)

Proposed as a subgenus of *Prosopis* Fabricius.

Hoplosmia THOMSON.

Hymenoptera Scandinaviae, vol. 2, p. 233, 1872. No species.

Schmiedeknecht, Apidae Europaeae, vol. 2, p. 23 [889], 1884–86 [1885]. Six species.

Type.—*Apis spinulosa* KIRBY, 1802. (By designation of Michener, Amer. Midland Nat., vol. 26, p. 161, 1941.)

Proposed as a subgenus of *Osmia* Panzer.

Hortobombus VOGT.

Sitz.-Ber. Ges. naturf. Freunde Berlin, 1911, p. 56. Three species.

Type.—(*Apis*) *Bombus hortorum* (LINNAEUS), 1761. (Present designation because of virtual tautonymy.)

Proposed as a subgenus of *Bombus* Latreille.

Hylaeosoma ASHMEAD.

Psyche, vol. 8, p. 284, 1898.

Type.—*Hylaeosoma longiceps* ASHMEAD, 1898. (Monobasic and original designation.)

- Hylaeus FABRICIUS** (= *Pectinata* POPOV; *Trichota* POPOV; *Nylaeus* POPOV).
 Entomologia systematica, vol. 2, pp. 194 and 302, 1793. Sixteen species.
 Type.—(*Prosopis annulata* FABRICIUS, 1804) = *Apis annulata* LINNAEUS, 1758.
 (By designation of Latreille, *Considérations générales . . . des insectes*, p. 438, 1810.) (*Hylaeus signatus* Latreille = *Sphex signata* Panzer, 1798) = *Mellinus bipunctatus* Fabricius, 1798, designated by Blanchard, *in* Cuvier, *Règne Animal*, [ed. 3], insectes, text vol. 2, p. 203; atlas, pl. 125, fig. 1, [1849], was not originally included.
 Isogenotypic with *Trichota* Popov and *Pectinata* Popov. A proposal to suspend the rules and place *Prosopis* Jurine, 1807, on the Official List of Generic Names has been put before the International Commission, Science, vol. 83, p. 552, 1936. This would result in the replacement of *Hylaeus* Fabricius by *Prosopis* Fabricius.
- Hyleoides F. SMITH.**
 Catalogue of hymenopterous insects . . . British Museum, pt. 1, p. 32, 1853.
 Two species.
 Type.—*Vespa concinna* FABRICIUS, 1775. (By designation of Taschenberg, Berlin. *Ent. Zeitschr.*, vol. 27, p. 45, 1883.)
- Hypanthidium COCKERELL.**
 Ent. News, vol. 15, p. 292, 1904. Four species.
 Type.—*Anthidium flavomarginatum* F. SMITH, 1879. (Original designation.)
- Hypochrotaenia HOLMBERG.**
 Anal. Soc. Cient. Argentina, vol. 22, p. 273, 1886.
 Type.—*Hypochrotaenia parvula* HOLMBERG, 1886. (Monobasic.)
- Hypomacrotera COCKERELL AND PORTIER.**
 Ann. Mag. Nat. Hist., ser. 7, vol. 4, p. 418, 1899. Two species.
 Type.—*Hypomacrotera callops* COCKERELL AND PORTIER, 1899. (Original designation.)
- Hypotrigona COCKERELL.**
 Rev. Zool. Bot. Africanas, vol. 26, pp. 47 and 54, 1934. Four species.
 Type.—*Trigona gribodoi* MAGRETTI, 1884. (Original designation.)
 Proposed as a subgenus of *Trigona* Jurine.
- Idioprosopis MEADE-WALDO.**
 Ann. Mag. Nat. Hist., ser. 8, vol. 14, p. 451, 1914.
 Type.—*Idioprosopis chalcidiformis* MEADE-WALDO, 1914. (Monobasic and original designation.)
 Synonym of *Chilicota* Spinola, according to Cockerell, *Ann. Mag. Nat. Hist.*, ser. 9, vol. 17, p. 218, 1926.
- (*Imperfecta* POPOV) = *Dentigera* POPOV.
 Compt. Rend. (Doklady) Acad. Sci. U. R. S. S., new ser., vol. 25, p. 168, 1939. Four species.
 Type.—(*Hylaeus*) *Prosopis brevicornis* NYLANDER, 1852. (Original designation.)
 Proposed as a subgenus of *Prosopis* Fabricius.
 Isogenotypic with *Dentigera* Popov.
Imperfecta was first proposed by Méhely, *Naturgeschichte der Urbielen*, pp. 48 and 154, 1935, as a subgenus of *Prosopis* Fabricius to include five species but, under Article 25c, it has no validity from that date, since no genotype was designated.
- Indohalictus BLÜTHGEN.**
 Zool. Jahrb., Abt. Syst., Jena, vol. 61, p. 291, 1931. Seven species.
 Type.—*Halictus buccinus* VACHAL, 1894. (Original designation.)
 Proposed as a subgenus of *Halictus* Latreille.

Iomelissa ROBERTSON.

Ann. Acad. Sci. St. Louis, vol. 10, p. 50, 1900.

Type.—*Andrena violae* ROBERTSON, 1891. (Monobasic.)

Ischnocera SHUCKARD.

In Swainson and Shuckard: On the history and natural arrangement of insects (Lardner's The cabinet cyclopaedia. Natural history), p. 166, 1840. No species.

Isepeolus COCKERELL.

Ann. Mag. Nat. Hist., ser. 7, vol. 20, p. 64, 1907.

Type.—*Isepeolus albopictus* COCKERELL, 1907. (Monobasic.)

Kallobombus DALLA TORRE (=Callobombus DALLA TORRE; Soroceensibombus VOGT.

Die Naturhistoriker, vol. 2, p. 40, 1880. Three species.

Type.—*Apis soroceensis* FABRICIUS, 1776. (Present designation.)

Proposed as a subgenus of *Bombus* Latreille.

Isogenotypic with *Soroceensibombus* Vogt.

Kelita, new name (=Herbstiella FRIESE, 1916, not STIMPSON, 1871).

Type.—*Herbstiella chilensis* FRIESE, 1916. (Autobasic.)

(**Kirbya** LEPELETIER, not ROBINEAU-DESVOIDY, 1830)=*Melitta* KIRBY.

Histoire naturelle des insectes. Hyménoptères, vol. 2, p. 145, 1841. Two species.

Type.—*Melitta tricincta* KIRBY, 1802. (Present designation.)

Isogenotypic with *Melitta* Kirby.

Kirbya Lepeletier is preoccupied and ordinarily would require a new name, but by this genotype designation becomes isogenotypic with *Melitta* Kirby.

(**Koptobaster** POPOV) for **Koptogaster** ALFKEN.

Compt. Rend. (Doklady) Acad. Sci. U. R. S. S., new ser., vol. 25, p. 168, 1939.

Koptogaster ALFKEN (=Koptobaster Popov, 1939; Pseudobranchiata Popov).

Ber. westpreuss. bot.-zool. Ver. Danzig, vol. 34, p. 23, 1912. Two species.

Type.—(*Prosopis*) *Hylaeus* (*Koptogaster*) *bifasciatus* (JURINE), 1807. (By designation of Meade-Waldo, Genera Insectorum, fasc. 181, p. 16, 1923.)

Proposed as a subgenus of *Prosopis* Fabricius.

Isogenotypic with *Pseudobranchiata* Popov.

Koptortosoma GRIBODO (=Coptorthosoma PÉREZ, 1901.)

Bull. Soc. Ent. Italiana, vol. 26, p. 271, 1894. Two species.

Type.—*Koptortosoma gabonica* GRIBODO, 1894. (Present designation.)

Kozlovibombus SKORIKOV.

Bull. Sta. Région. Protect. Plantes Petrograd, vol. 4, p. 152, 1922. Two species.

Type.—(*Bombus*) *Kozlovibombus kozlovi* (SKORIKOV), 1909. (Present designation because of virtual tautonymy.)

Synonym of *Lapidariobombus* Vogt, according to Richards, Ann. Mag. Nat. Hist., ser. 10, vol. 5, p. 641, 1930.

Laboriopsithyrus FRISON.

Trans. Amer. Ent. Soc., vol. 53, p. 69, 1927. Four species.

Type.—(*Bombus*) *Psithyrus laboriosus* (FABRICIUS), 1804. (Original designation.)

Proposed as a subgenus of *Psithyrus* Lepeletier.

Laesobombus SKORIKOV.

Bull. Sta. Région. Protect. Plantes Petrograd, vol. 4, p. 150, 1922.

Type.—(*Bombus*) *Agrobombus* (*Laesobombus*) *laesus* (MORAWITZ) 1875. (Monobasic.)

Proposed as a subgenus of *Agrobombus* Vogt.

Lagobata F. SMITH.

Journ. Ent., vol. 1, p. 151, 1861.

Type.—*Lagobata diligens* F. SMITH, 1861. (Monobasic.)

(*Lagripoda* VACHAL) for *Lagripode* LEPELETIER AND SERVILLE.

Ann. Soc. Ent. France, vol. 78, p. 7, 1909.

Lagripode LEPELETIER AND SERVILLE (= *Lagripoda* VACHAL).

Encycl. Méthod., Hist. Nat., Ins., vol. 10, p. 795, 1828. No species.

Lambdopsis MÉHELY.

Naturgeschichte der Urbielen, pp. 65 and 171, 1935. Four species.

Proposed as a subgenus of *Prosopis* Fabricius but invalid under Article 25c of the International Rules of Zoological Nomenclature, since no type was designated.

Lambdopsis Popov.

Compt. Rend. (Doklady) Acad. Sci. U. R. S. S., new ser., vol. 25, p. 169, 1939.

Type.—(*Melitta*) *Prosopis annularis* (KIRBY), 1802. (Monobasic and original designation.)

Proposed as a subgenus of *Prosopis* Fabricius.

Lambdopsis was first proposed by Méhely, Naturgeschichte der Urbielen, pp. 65 and 171, 1935, as a subgenus of *Prosopis* Fabricius to include four species but, under Article 25c, it has no validity from that date, since no genotype was designated.

Lamproapis CAMERON.

Journ. Bombay Nat. Hist. Soc., vol. 14, p. 419, 1902.

Type.—*Lamproapis maculipennis* CAMERON, 1902. (Monobasic.)

Synonym of *Nomada* Fabricius, according to Cockerell, Australian Zool., vol. 7, p. 38, 1931.

Lamprocolletes F. SMITH.

Catalogue of hymenopterous insects . . . British Museum, pt. 1, p. 10, 1853. Eleven species.

Type.—*Andrena chalybeata* ERICHSON, 1841. (By designation of Cockerell, Trans. Amer. Ent. Soc., vol. 31, p. 345, 1905.)

Synonym of *Paracolletes* F. SMITH, according to Cockerell (loc. cit., p. 344).

Lanthanomelissa HOLMBERG (= *Schrottkeya* FRIESE).

Anal. Mus. Nac. Buenos Aires, ser. 3, vol. 2, p. 418, 1903.

Type.—(*Lanthanomelissa discrepans* HOLMBERG, 1903) = *Tetrapedia goeldiana* FRIESE, 1899. (Monobasic.)

Isogenotypic with *Schrottkeya* Friese through synonymy.

Synonym of *Anthophorula* Cockerell, according to Schrottkey, Deutsche Ent. Zeitschr., p. 795, 1909.

(Lapidariobombus VOGT) = *Melanobombus* DALLA TORRE.

Sitz.-Ber. Ges. naturf. Freunde Berlin, p. 58, 1911. Eleven species.

Type.—(*Apis*) *Bombus lapidarius* (LINNAEUS), 1758. (Present designation because of virtual tautonymy.)

Proposed as a subgenus of *Bombus* Latreille.

Isogenotypic with *Melanobombus* Dalla Torre.

Lasioglossum CURTIS.

Brit. Ent., vol. 10, p. 448, 1833.

Type.—(*Lasioglossum tricingulum* CURTIS, 1833) = *Melitta xanthopus* KIRBY, 1802. (Monobasic and original designation.)

Lasius JURINE.

Erlangen Litteratur-Zeitung, vol. 1, p. 164, 1801.

Type.—*Apis quadrimaculata* PANZER, 1798. (Monobasic.)

Invalidated by the suppression of the "Erlangen List" (Opinion 135).

Lasius PANZER.

Faunae insectorum Germaniae initia, Heft 86, No. 16, 1804.

Type.—*Lasius salviae* PANZER, 1804. (Monobasic.)

Synonym of *Podalirius* Latreille, according to Dalla Torre, Catalogus Hymenopterorum, vol. 10, p. 288, 1896.

A proposal to place *Anthophora* Latreille, 1803, and *Lasius* Fabricius, 1804 (type *Formica nigra* Linnaeus), on the Official List of generic names is before the International Commission. Approval of this proposal would result in the replacement of *Lasius* Panzer, 1804, and *Podalirius* Latreille, 1802, by *Anthophora* Latreille.

Leiopodus F. SMITH (=Melectoides TASCHEBERG; Liopodus SCHULZ).

Catalogue of hymenopterous insects . . . British Museum, pt. 2, p. 252, 1854.

Type.—*Leiopodus lacertinus* F. SMITH, 1854. (Monobasic.)

Isogenotypic with *Melectoides* Taschenberg through synonymy.

Leioproctus F. SMITH (=Lioproctus F. SMITH).

Catalogue of hymenopterous insects . . . British Museum, pt. 1, p. 8, 1853.

Three species.

Type.—*Leioproctus imitatus* F. SMITH, 1853. (By designation of Cockerell, Trans. Amer. Ent. Soc., vol. 31, p. 348, 1905.)

Lepidandrena HEDICKE.

Mitt. Zool. Mus. Berlin, vol. 19, p. 215, 1933. Many species.

Type.—*Andrena curvungula* THOMPSON, 1870. (Original designation.) Proposed as a subgenus of *Andrena* Fabricius.

Lepidotrigona SCHWARZ.

Bull. Amer. Mus. Nat. Hist., vol. 76, p. 132, 1939. Three species.

Type.—*Trigona nitidiventris* F. SMITH, 1857. (Original designation.) Proposed as a subgenus of *Trigona* Jurine.

Leptergatis HOLMBERG.

Anal. Mus. Nac. Buenos Aires, ser. 3, vol. 2, p. 422, 1903. Three species.

Type.—*Leptergatis halictoides* HOLMBERG, 1903. (By designation of Lutz and Cockerell, Bull. Amer. Mus. Nat. Hist., vol. 42, p. 592, 1920.)

(Leptoglossa FRIESE, not KLUG, 1839) = Orphana VACHAL.

Stettin. Ent. Zeit., vol. 86, p. 9, 1925.

Type.—(*Leptoglossa paradoxa* FRIESE, 1925) = *Orphana inquirenda* VACHAL, 1909. (Monobasic.)

Isogenotypic with *Orphana* Vachal through synonymy.

Leptoglossa Friese is preoccupied, but since it is a synonym of *Orphana* Vachal no replacement name is needed.

Leptomertria HOLMBERG.

Anal. Mus. Nac. Buenos Aires, ser. 3, vol. 2, p. 409, 1903. Three species.

Type.—*Leptomertria pereyrae* HOLMBERG, 1903. (By designation of Brèthes, Bull. Soc. Ent. France, p. 213, 1910.)

Leptorachis MITCHELL.

Trans. Amer. Ent. Soc., vol. 59, pp. 301, 308, and 311, 1934. Eleven species.

Type.—*Megachile petulans* CRESSON, 1878. (Original designation.)

Proposed as a subgenus of *Megachile* Latreille.

Lestis LEPELETIER AND SERVILLE.

Encycl. Méthod., Hist. Nat., Ins., vol. 10, pp. 795 and 799, 1828.

Type.—(*Apis*) *Centris muscaria* (FABRICIUS), 1775. (Original designation.)

(*Apis*) *Centris bombylans* (FABRICIUS), 1775, designated by Taschenberg, Berlin. Ent. Zeitschr., vol. 27, p. 82, 1883.

Lestrimelitta FRIESE.

Zeitschr. Syst. Hym. Dipt., vol. 3, p. 361, 1903.

Type.—*Trigona limao* F. SMITH, 1863. (Monobasic.)

Proposed as a subgenus of *Trigona* Jurine.

Leucandrena HEDICKE.

Mitt. Zool. Mus. Berlin, vol. 19, p. 216, 1933. Five species.

Type.—(*Apis*) *Andrena sericea* (CHRIST), 1791. (Original designation.)

Proposed as a subgenus of *Andrena* Fabricius.

(Leucobombus DALLA TORRE) = **Bombus** LATREILLE.

Naturhistoriker, vol. 2, p. 40, 1880. Six species.

Type.—(*Apis*) *Bombus terrestris* (LINNAEUS), 1758. (Present designation.)

Proposed as a subgenus of *Bombus* Latreille.

Isogenotypic with *Bombus* Latreille and *Terrestribombus* Vogt.

Leucosmia ROBERTSON.

Trans. Amer. Ent. Soc., vol. 29, pp. 166 and 171, 1903.

Type.—*Osmia albiventris* CRESSON, 1864. (Monobasic and original designation.)

Synonym of *Nothosmia* ASHMEAD, according to Sandhouse, Mem. Ent. Soc. Washington, No. 1, p. 63, 1939.

Libellulapis COCKERELL [fossil].

Bull. Mus. Comp. Zool., vol. 50, p. 42, 1906.

Type.—*Libellulapis antiquorum* COCKERELL, 1906. (Monobasic.)

(Liogastra Perty) = **Rhathymus** LEPELETIER AND SERVILLE.

Delectus animalium articulorum . . . Braziliam, p. 146, 1833.

Type.—(*Liogastra bicolor* PERTY, 1833) = *Rhathymus bicolor* LEPELETIER AND SERVILLE, 1828. (Monobasic.)

Isogenotypic with *Rhathymus* Lepeletier and Serville through synonymy.

(Liopodus SCHULZ) for **Leiopodus** F. SMITH.

Spolia Hymenopterologica, p. 258, 1906.

Liopoeum FRIESE.

Zeitschr. Syst. Hym. Dipt., vol. 7, p. 175, 1906. Three species.

Type.—*Camptopoeum hirsutum* SPINOLA, 1851. (Present designation.)

Proposed as a subgenus of *Camptopoeum* Spinola.

(Lioproctus F. SMITH) for **Leioproctus** F. SMITH.

Descriptions of new species of Hymenoptera in the collection of the British Museum, p. 6, 1879.

Liosmia THOMSON.

Hymenoptera Scandinaviae, vol. 2, p. 233, 1872. No species.

Friese, Das Tierreich, vol. 28, p. 438, 1911. Three species.

Type.—*Osmia claviventris* THOMSON, 1872. (By designation of Michener, Amer. Midland Nat., vol. 26, p. 159, 1941.)

Proposed as a subgenus of *Osmia* Panzer.

(Liothraphis COCKERELL) for **Liothyrapis** COCKERELL.

Rev. Zool. Bot. Africaines, vol. 23, p. 22, 1932.

Liothyrapis COCKERELL (= **Paracoelioxys** RADOSZKOWSKI, 1893, not GRIBODO, 1884;**Liothgraphis** COCKERELL).

Proc. U. S. Nat. Mus., vol. 40, p. 246, 1911.

Type.—(*Coelioxys apicata* F. SMITH, 1854) = *Coelioxys decipiens* SPINOLA, 1838. (Monobasic.)

Proposed as a subgenus of *Coelioxys* Latreille.

Liphanthus REED.

Ann. Univ. Chile, vol. 85, p. 645, 1894.

Type.—*Liphanthus sabulosus* REED, 1894. (Monobasic.)

Genotype transferred to *Psaenythia* Gerstaecker by Friese, Die Apidae (Blumenwespen) von Argentinä nach den Reiseresultaten der Herren A. C. Jensen-Haarup u. P. Jürgensen in den Jahren 1904-1907, p. 39, 1908.

Synonym of *Psaenythia* Gerstaecker, according to Ducke, Zool. Jahrb., Abt. Syst., Jena, vol. 34, p. 86, 1912.

Lipotriches GERSTAECKER.

Monatsb. Akad. Wiss. Berlin, 1857, p. 460, 1858.

Type.—*Lipotriches abdominalis* GERSTAECKER, 1857 (1858). (Monobasic.)

Lithandrena COCKERELL [fossil].

Bull. Mus. Comp. Zool. Harvard, vol. 50, p. 44, 1906.

Type.—*Lithandrena saxorum* COCKERELL, 1906. (Monobasic.)

Lithanthidium COCKERELL [fossil].

Ann. Mag. Nat. Hist., ser. 8, vol. 7, p. 225, 1911.

Type.—*Lithanthidium pertriste* COCKERELL, 1911. (Monobasic.)

(Lithosmia ALFKEN) = Arctosmia SCHMIEDEKNECHT.

Ver. Deutsch. kolon-uebersee Mus. Bremen, vol. 1, p. 188, 1935. Ten species.

Type.—(*Megachile*) *Osmia villosa* (SCHENCK), 1853, not *Apis villosa* FABRICIUS, 1775) = *Osmia platycera* GERSTAECKER, 1869. (Present designation.)

Proposed as a subgenus of *Osmia* Panzer.

Isogenotypic with *Arctosmia* Schmiedeknecht.

Lithurge LATREILLE (=Lithurgus BERTHOLD).

Familles naturelles du règne animal . . ., p. 463, 1825.

Type.—(*Andrena*) *Centris cornuta* (FABRICIUS), 1787. (Monobasic.)

The amended spelling *Lithurgus* is usually employed.

Lithurgopsis FOX.

Ent. News, vol. 13, p. 138, 1902. Three species.

Type.—*Lithurgus apicalis* CRESSON, 1875. (Original designation.)

(Lithurgus BERTHOLD) for Lithurge LATREILLE.

Latreille's natürliche Familien des Thierreichs, p. 467, 1827.

Lithurgus is the spelling which is usually employed.

Litomegachile MITCHELL.

Trans. Amer. Ent. Soc., vol. 59, pp. 301 and 308, 1934. Six species.

Type.—*Megachile brevis* SAY, 1837. (Original designation.)

Proposed as a subgenus of *Megachile* Latreille.

Lonchopria VACHAL.

Bull. Soc. Ent. France, p. 204, 1905.

Type.—(*Lonchopria herbsti* VACHAL, 1905) = *Colletes spinolae* Dalla Torre, 1896. (Monobasic.)

(Lucasellus SCHULZ) = Lucasiellus COCKERELL.

Zool. Annal., vol. 4, p. 202, (1911) 1912.

Type.—*Halictus (Lucasius) clavipes* DOURS, 1872. (Autobasic.)

Proposed for *Lucasius* Dours, preoccupied but superseded by *Lucasiellus* Cockerell.

Lucasiellus COCKERELL (=Lucasius DOURS, 1872, not KINAHAN, 1859; Lucasellus SCHULZ).

Entomologist, vol. 38, p. 372, 1905.

Type.—*Halictus (Lucasius) clavipes* DOURS, 1872. (Autobasic.)

(**Lucasius** DOURS, not KINAHAN, 1859)=**Lucasiellus** COCKERELL.

Rev. et Mag. Zool., ser. 2, vol. 23, p. 350, 1872. Two species.

Type.—*Halictus (Lucasius) clavipes* DOURS, 1872. (Present designation.)

Proposed as a subgenus of *Halictus* Latreille.

(**Lutziella** COCKERELL, not ENDERLEIN, 1922)=**Cockerellula** STRAND.

Amer. Mus. Novitates, no. 47, p. 1, 1922.

Type.—*Perdita (Lutziella) opuntiae* COCKERELL, 1922. (Monobasic and original designation.)

Proposed as a subgenus of *Perdita* F. Smith.

Lysicolletes RAYMENT.

A cluster of bees, p. 208, 1935. Three species.

Type.—*Paracolletes (Lysicolletes) singularis* RAYMENT, 1935. (Original designation.)

Proposed as a subgenus of *Paracolletes* F. Smith.

Machaeris ROBERTSON.

Ent. News, vol. 14, p. 104, 1903. Two species.

Type.—*Sphcodes stygius* ROBERTSON, 1893. (Original designation.)

(**Macrocera** LATREILLE, not MEIGEN, 1803)=**Tetralonia** SPINOLA.

Considérations générales . . . des insectes, pp. 339 and 439, 1810.

Type.—(*Eucera antennata* PANZER, 1806=*Eucera antennata* FABRICIUS, 1793)=*Apis malvae* ROSSI, 1790. (Monobasic and original designation.)

Macrocera ruficollis Lepeletier, 1841 [Brullé, 1832] designated by Blanchard in Cuvier, Règne Animal, [ed. 3], insectes, text vol. 2, p. 215; atlas pl. 128 bis, fig. 3a, [1849] was not originally included.

Macrogalea COCKERELL.

Rev. Zool. Bot. Africaines, vol. 18, p. 291, 1930. Two species.

Type.—*Allodape candida* F. SMITH, 1879. (Original designation.)

(**Macroglossa** RADOSZKOWSKI, not OCHSENHEIMER, 1816, not WESTWOOD, 1835, not LESSON, 1837, not GRAY, 1870)=**Macroglossapis** COCKERELL.

Horae Soc. Ent. Ross., vol. 18, p. 17, 1884.

Type.—(*Macroglossa oribazi* RADOSZKOWSKI, 1884)=(*Macrocera Tetralonia analis* (LEPELETIER), 1841. (Monobasic.)

Genotype transferred to *Tetralonia* Spinola by Friese, Zeitschr. Syst. Hym. Dipt., vol. 4, p. 100, 1904.

Synonym of *Tetralonia* Spinola, according to Ducke, Zool. Jahrb., Abt., Syst., Jena, vol. 34, p. 96, 1912.

Macroglossapis COCKERELL (= **Macroglossa** RADOSZKOWSKI, 1884, not OCHSENHEIMER, 1816, not WESTWOOD, 1835, not LESSON, 1837, not GRAY, 1870).

Catálogo de las abejas de México, pp. 4 and 14, 1899.

Type.—(*Macroglossa oribazi* RADOSZKOWSKI, 1884)=(*Macrocera Tetralonia analis* (LEPELETIER), 1841. (Monobasic.)

Synonym of *Tetralonia* Spinola, according to Ducke, Zool. Jahrb., Abt. Syst., Jena, vol. 34, p. 97, 1912.

Macronomia COCKERELL.

Ann. Durban Mus., vol. 1, p. 468, 1917.

Type.—*Nomia (Macronomia) platycephala* COCKERELL, 1917. (Monobasic and original designation.)

Proposed as a subgenus of *Nomia* Latreille.

(**Macropis** KLUG)=**Megilla** FABRICIUS.

In Panzer, Faunae insectorum Germaniae initiae, Heft 107, no. 16, 1809.

Type.—(*Macropis labiata* KLUG, 1809)=*Megilla labiata* FABRICIUS, 1804. (Monobasic.)

Isogenotypic with *Megilla* Fabricius.

Richards, in *The generic names of British insects*, pt. 5, p. 90, 1937, has proposed that *Macropis* Panzer be added to the Official List of Generic Names.

Macrotera F. SMITH.

Catalogue of hymenopterous insects . . . British Museum, pt. 1, p. 130, 1853.
Type.—*Macrotera bicolor* F. SMITH, 1853. (Monobasic.)

Macroteropsis ASHMEAD.

Trans. Amer. Ent. Soc., vol. 26, p. 85, 1899.

Type.—*Perdita latior* COCKERELL, 1896. (Monobasic and original designation.)

(**Manuelia** VACHAL)=**Corynura** SPINOLA.

Bull. Soc. Ent. France, p. 25, 1905. Three species.

Type.—*Halictus (Corynura) gayi* SPINOLA, 1851. (Present designation.)

Isogenotypic with *Corynura* Spinola and *Corynogaster* Sichel.

Martinapis COCKERELL (=Martinella COCKERELL, 1903, not Jousseau, 1887).

Entomologist, vol. 62, p. 19, 1929.

Type.—*Melissodes luteicornis* COCKERELL, 1896. (Autobasic.)

(**Martinella** COCKERELL, not Jousseau, 1887)=**Martinapis** COCKERELL.

Ann. Mag. Nat. Hist., ser. 7, vol. 12, p. 450, 1903.

Type.—*Melissodes luteicornis* COCKERELL, 1896. (Monobasic.)

Proposed as a subgenus of *Melissodes* Latreille.

Mastrucatorbomus KRUGER.

Ent. Mitt., vol. 6, p. 66, 1917.

Type.—*Bombus mastrucatus* GERSTAECKER, 1869. (Monobasic.)

Proposed as a subgenus of *Bombus* Latreille.

Synonym of *Alpigenobombus* Skorikov, according to Richards, Ann. Mag. Nat. Hist., ser. 10, vol. 5, p. 636, 1930.

Megabombus DALLA TORRE (=Megalobombus SCHULZ).

Naturhistoriker, vol. 2, p. 40, 1880.

Type.—(*Bombus ligusticus* SPINOLA, 1805)=*Apis argillacca* SCOPOLI, 1763. (Monobasic.)

Proposed as a subgenus of *Bombus* Latreille.

Megachile LATREILLE (=Anthemois ROBERTSON; Megalochila SCHULZ).

Histoire naturelle de fourmis, pp. 413 and 433, 1802. Thirteen species.

Type.—(*Apis*) *Megachile centuncularis* (LINNAEUS), 1758. (By designation of Curtis, Brit. Ent. vol. 5, pl. 218, 1828.) (*Xylcopa muraria* Fabricius, 1804)=*Apis muraria* Retzius, 1783, designated by Blanchard, Histoire naturelle des insects . . ., vol. 3, p. 408, 1840.

Isogenotypic with *Anthemois* Robertson through synonymy.

Megachiloides MITCHELL.

Journ. Elisha Mitchell Sci. Soc., vol. 40, p. 154, 1924.

Type.—*Megachiloides oenotherae* MITCHELL, 1924. (Monobasic.)

Megacilissa F. SMITH (=Megalocilissa SCHULZ).

Catalogue hymenopterous insects . . . British Museum, pt. 1, p. 123, 1853.

Type.—(*Megacilissa superba* F. SMITH, 1853)=*Caupolicana fulvicollis* SPINOLA, 1851. (Monobasic.)

Synonym of *Caupolicana* Spinola, according to Cockerell, Ent. News, vol. 11, p. 510, 1900, and Alfken, Ver. Deutsch. kolon-uebersee. Mus. Bremen, vol. 1, p. 317, 1936.

(**Megalobombus** SCHULZ) for **Megabombus** DALLA TORRE.

Spolia hymenopterologica, p. 267, 1906.

(*Megalochila* SCHULZ) for *Megachile* LATREILLE.

Spolia hymenopterologica, p. 64, 1906.

(*Megalocilissa* SCHULZ) for *Megacilissa* F. SMITH.

Spolia hymenopterologica, p. 243, 1906.

Megalopta F. SMITH.

Catalogue of hymenopterous insects . . . British Museum, pt. 1, p. 83, 1853.

Two species.

Type.—*Megalopta bituberculata* F. SMITH, 1853. (By designation of Meade-Waldo, *Ann. Mag. Nat. Hist.*, ser. 8, vol. 17, p. 451, 1916.)

Megaloptella SCHROTTKY.

Zeitschr. Syst. Hym. Dipt., vol. 6, p. 312, 1906.

Type.—(*Itaictus*) *Megalopta* (*Megaloptella*) *ochrias* (VACHAL), 1904. (Monobasic and original designation.)

Proposed as a subgenus of *Megalopta* F. Smith.

Synonym of *Megalopta* F. Smith, according to Schrottky, *Rev. d'Ent.*, vol. 27, p. 31, 1908.

Megaloptidia COCKERELL.

Proc. Acad. Nat. Sci. Philadelphia, p. 373, 1900.

Type.—*Megalopta* (*Megaloptidia*) *contradicta* COCKERELL, 1900. (Monobasic.)

Proposed as a subgenus of *Megalopta* F. Smith.

Megalosmia SCHMIEDEKNECHT.

Apidae Europaeae, vol. 2, p. 23 [889], 1884-86 [1885]. Two species.

Type.—*Osmia grandis* MORAWITZ, 1873. (Present designation.)

Proposed as a subgenus of *Osmia* Panzer.

Megandrena COCKERELL.

Pan-Pacific Ent., vol. 4, p. 42, 1927.

Type.—*Andrena* (*Megandrena*) *crectiae* COCKERELL, 1927. (Monobasic.)

Proposed as a subgenus of *Andrena* Fabricius.

Meganomia COCKERELL.

Ann. Mag. Nat. Hist., ser. 8, vol. 4, p. 402, 1909.

Type.—*Nomia* (*Meganomia*) *binghami* COCKERELL, 1909. (Monobasic.)

Proposed as a subgenus of *Nomia* Latreille.

Megapis ASHMEAD.

Proc. Ent. Soc. Washington, vol. 6, p. 120, 1904. Two species.

Type.—*Apis dorsata* FABRICIUS, 1793. (Original designation.)

Meghylaesus COCKERELL.

Mem. Queensland Mus., vol. 9, p. 314, 1929. Two species.

Type.—(*Palacorchiza*) *Hylaesus giganteus* (COCKERELL), 1926. (Original designation.)

Proposed as a subgenus of *Hylaesus* Fabricius.

Megilla FABRICIUS (= *Macropis* KLUG).

Systema piezatorum, p. 328, 1804. Many species.

Type.—*Megilla labiata* FABRICIUS, 1804. (By designation of Westwood, An introduction to the modern classification of insects, vol. 2, Synopsis of the genera of British insects, p. 158, 1840.) *Apis acervorum* Linnaeus, 1758, designated by Richards, *Trans. Roy. Ent. Soc. London*, vol. 83, p. 172, 1935. Isogenotypic with *Macropis* Panzer.

Richards, The generic names of British insects, pt. 5, p. 91, 1937, has proposed that *Apis acervorum* Linnaeus be considered the type of *Megilla* and that Westwood's earlier designation be rejected. *Megilla* would then fall as a synonym of *Anthophora* Latreille, if that name is placed on the Official List of Generic Names, otherwise under *Podalirius* Latreille.

(Mehelya POPOV, not CSIKI, 1903 = **Barbata** MÉHELY, 1935, not HUMPHREY, 1797, not SWAINSON, 1840) = **Mehelyana**, new name.

Compt. Rend. (Doklady) Acad. Sci. U. R. S. S., new ser., vol. 25, p. 167, 1939.

Type.—*Prosopis friesei* ALFKEN, 1904. (Autobasic.)

Mehelyana, new name (= **Mehelya** POPOV, 1939, not CSIKI, 1903; **Barbata** MÉHELY, 1935, not HUMPHREY, 1797, not SWAINSON, 1840).

Type.—*Prosopis friesei* ALFKEN, 1904. (Autobasic.)

Melanapis CAMERON.

Journ. Bombay Nat. Hist. Soc., vol. 14, p. 420, 1902.

Type.—*Melanapis violaceipennis* CAMERON, 1902. (Monobasic.)

Melandrena PÉREZ.

Actes Soc. Linn. Bordeaux, vol. 44, p. 170, 1890. Ten species.

Type.—*Andrena morio* BRULLÉ, 1832. (By designation of Hedicke, Mitt. Zool. Mus. Berlin, vol. 19, p. 216, 1933.)

Proposed as a subgenus of *Andrena* Fabricius.

Melanempis SAUSSURE.

In Grandidier, Hist. Nat. Madagascar, vol. 20, Hymen., pt. 1, p. 84, 1890.

Type.—*Phileremus (Melanempis) ater* SAUSSURE, 1890. (Monobasic.)

Proposed as a subgenus of *Phileremus* Latreille.

Melanobombus DALLA TORRE (= **Lapidariobombus** VOGT).

Naturhistoriker, vol. 2, p. 40, 1880. Four species.

Type.—(*Apis*) *Bombus lapidarius* (LINNAEUS), 1758. (Present designation.)

Proposed as a subgenus of *Bombus* Latreille.

Isogenotypic with *Lapidariobombus* Vogt.

Melanocentris FRIESE.

Ann. naturhist. Hofmus. Wien, vol. 15, pp. 241 and 244, 1900. Many species.

Type.—*Centris atra* FRIESE, 1900. (Present designation.)

Proposed as a subgenus of *Centris* Fabricius.

Melanomada COCKERELL.

Proc. Acad. Nat. Sci. Philadelphia, vol. 55, p. 587, 1903.

Type.—*Nomada grindeliae* COCKERELL, 1903. (Monobasic and original designation.)

Melanosarus MITCHELL.

Trans. Amer. Ent. Soc., vol. 59, pp. 303 and 307, 1934. Seven species.

Type.—*Megachile xylocopoides* F. SMITH, 1853. (Original designation.)

Proposed as a subgenus of *Megachile* Latreille.

Melanosmia SCHMIEDEKNECHT.

Apidae Europaeae, vol. 2, pp. 19 [1885] and 76 [1942], 1884–86 [1885]. Seven species.

Type.—*Osmia fuciformis* LATREILLE, 1811. (By designation of Sandhouse, Mem. Ent. Soc. Washington, No. 1, p. 33, 1939.)

Proposed as a subgenus of *Osmia* Panzer.

Melanostelis ASHMEAD.

Psyche, vol. 8, p. 283, 1898.

Type.—(*Melanostelis betheli* ASHMEAD, 1898) = (*Stelis*) *Chelymia rubi* (COCKERELL), 1898. (Monobasic and original designation.)

Melea, new name (= **Anthomoessa** ROBERTSON, 1905, not AGASSIZ, 1846).

Type.—*Anthophora abrupta* Say, 1837. (Autobasic.)

Melecta LATREILLE (=Symmorpha KLUG).

Histoire naturelle de fourmis . . . , p. 427, 1802. Three species.

Type.—(*Apis*) *Centris punctata* (FABRICIUS), 1775. (By designation of Latreille, *Considérations générales . . . des insectes*, p. 439, 1810.)
Nomada histrio Fabricius, 1775, considered type by Malaise, *Ent. News*, vol. 48, p. 132, 1937, who contended that Fabricius had designated it type by the manner of description.

Isogenotypic with *Symmorpha*.

(Melectoides TASCHEMBERG)=Leiopodus F. SMITH.

Berlin. *Ent. Zeitschr.*, vol. 27, p. 75, 1883.

Type.—(*Melectoides senex* TASCHEMBERG, 1883)=*Leiopodus lacertinus* F. SMITH, 1854. (Monobasic and original designation.)

Isogenotypic with *Leiopodus* F. Smith through synonymy.

Melectomimus LINSLEY.

Ann. Ent. Soc. Amer., vol. 32, p. 448, 1939.

Type.—*Melecta edwardsii* CRESSON, 1878. (Monobasic and original designation.)

Proposed as a subgenus of *Melecta* Latreille.

Melectomorpha LINSLEY.

Ann. Ent. Soc. Amer., vol. 32, p. 451, 1939. Four species.

Type.—*Melecta californica* CRESSON, 1878. (Original designation.)

Proposed as a subgenus of *Melecta* Latreille.

(Meliphila SCHROTTKY)=Melitoma LEPELETIER and SERVILLE

Anal. Mus. Nac. Buenos Aires, vol. 7 (ser. 2, vol. 4), p. 310, 1902.

Type.—(*Meliphila ipomoeae* SCHROTTKY, 1902)=*Melitoma euglossoides* LEPELETIER AND SERVILLE, 1828. (Monobasic and original designation.)

Isogenotypic with *Melitoma* Lepeletier and Serville through synonymy.

Melipona ILLIGER.

Magazin für Insektenkunde, vol. 5, p. 157, 1805 [1806]. Two species.

Type.—*Apis farosa* FABRICIUS, 1798. (By designation of Latreille, *Considérations générales . . . des insectes*, p. 439, 1810.) *Melipona fulva* Lepeletier, 1841, designated by Blanchard, in Cuvier, *Règne Animal* [ed. 3], insects, text vol. 2, p. 227; atlas pl. 129, fig. 7, [1849], was not originally included.

Meliponorytes Tosi [fossil].

Riv. Ital. Palaent., vol. 2, p. 352, 1896. Two species.

Type.—*Meliponorytes succini* Tosi, 1896. (Present designation.)

Meliponula COCKERELL.

Rev. Zool. Bot. Africanus, vol. 26, pp. 47 and 56, 1934. Nine species.

Type.—*Melipona bocandei* SPINOLA, 1851. (Original designation.)

Proposed as a subgenus of *Melipona* Illiger.

(Melissa F. SMITH)=Mesoptia LEPELETIER.

Catalogue of hymenopterous insects . . . British Museum, pt. 2, p. 279, 1854.

Four species.

Type.—*Mesocheira azurea* LEPELETIER AND SERVILLE, 1825. (Present designation.)

Isogenotypic with *Mesoptia* Lepeletier.

Melissina COCKERELL.

Ann. Mag. Nat. Hist., ser. 8, vol. 8, p. 670, 1911.

Type.—*Melissina viator* COCKERELL, 1911. (Monobasic.)

(**Melissoda** LEPELETIER) = **Ctenioschelus** ROMAND.

Histoire naturelle des insectes. Hyménoptères, vol. 2, p. 508, 1841.

Type.—(*Melissoda latreillei* LEPELETIER, 1841) = (*Acanthopus*) *Ctenioschelus goryi* (ROMAND), 1840. (Monobasic.)

Isogenotypic with *Ctenioschelus* Romand through synonymy.

Melissode LATREILLE, nomen nudum.

Familles naturelles du règne animal . . . , p. 464, 1825.

(**Melissodes** BERTHOLD, nomen nudum) for **Melissode** LATREILLE.

Latreille's natürliche Familien des Thierreichs, p. 468, 1827.

Melissodes LATREILLE.

In Cuvier, Règne Animal, ed. 2, vol. 5, p. 354, 1829. No species.

Romand, in Guérin, Mag. Zool., ser. 2, ann. 3, p. 5, pl. 70, 1841. One species.

Type.—*Melissodes fonscolombi* ROMAND, 1841. (First included species.)

Apis (*Melissodes*) *leprieuri* Blanchard designated by Blanchard (in Cuvier, Règne Animal, [ed. 3], insectes, text vol. 2, p. 216; atlas pl. 128 bis, fig. 4, [1849]).

Melissoptila HOLMBERG.

Actas Acad. Nac. Cienc. Córdoba, vol. 5, p. 119, 1884.

Type.—*Melissoptila tandilensis* HOLMBERG, 1884. (Monobasic.)

Synonym of *Tetralonia* Spinola, according to Ducke, Zool. Jahrb., Abt. Syst., Jena, vol. 34, p. 97, 1912.

(**Melitoma** BERTHOLD, nomen nudum) for **Melitome** LATREILLE.

Latreille's natürliche Familien des Thierreichs, p. 468, 1827.

Melitoma LEPELETIER AND SERVILLE (= **Meliphila** SCHROTTKY).

Encycl. Method., Hist. Nat., Ins., vol. 10, p. 529, 1828.

Type.—*Melitoma englossoides* LEPELETIER AND SERVILLE, 1828. (Monobasic.)

Isogenotypic with *Meliphila* Schrottky through synonymy.

Melitome LATREILLE, nomen nudum.

Familles naturelles du règne animal . . . , p. 464, 1825.

Melitribus RAYMENT.

Proc. Roy. Soc. Victoria, new ser., vol. 42, p. 217, 1930. Two species.

Type.—*Melitribus greavesi* RAYMENT, 1930. (Original designation.) (*Gastropsis*) *Melitribus victoriae* (COCKERELL), 1906, designated by Rayment, Proc. Roy. Soc. Victoria, new ser., vol. 43, p. 61, 1930.

The genotypes of both *Stenotritus* F. Smith and *Gastropsis* F. Smith were included in *Melitribus* by Rayment, Victorian Nat. vol. 47, p. 11, 1930.

A subgenus of *Stenotritus* F. Smith according to Cockerell, Austr. Zool., vol. 8, pt. 1, p. 6.

Melitta KIRBY (= **Kirbya** LEPELETIER, 1841, not **ROBINEAU-DESVOIDY**, 1830).

Monographia apum Angliæ, vol. 1, pp. 117, 130, and 114, and vol. 2, p. 4, 1802. Many species.

Type.—*Melitta tricincta* KIRBY, 1802. (By designation of Richards, Trans. Ent. Soc. London, vol. 83, p. 172, 1935.) This species was described by Kirby in vol 2, p. 171, but the two volumes apparently appeared simultaneously.

Isogenotypic with *Kirbya* Lepeletier.

(**Melittidia** DALLA TORRE) for **Melittidia** GUÉRIN.

Catalogus hymenopterorum, vol. 10, p. 99, 1896.

Melittoides FRIESE.

Arch. Naturg., Jahrg. 87, Abt. A, pp. 161 to 174, and 177 to 180, 1921. Seven species.

Type.—*Andrena melittoides* FRIESE, 1899. (By absolute tautonymy.)

- Melittosmithia** SCHULZ (=Smithia VACHAL, 1897, not MILNE-EDWARDS, 1851, not SAUSSURE, 1855, not MABILLE, 1880, not MALTZAN, 1883, not MONTEROSATO, 1884).
Spolia hymenopterologica, p. 244, 1906.
Type.—*Scapter carinata* F. SMITH, 1862. (Autobasic.)
- Melittoxena** MORAWITZ.
Horae Soc. Ent. Ross., vol. 9, p. 154, 1872 (1873).
Type.—*Nomada truncata* NYLANDER, 1848. (Monobasic.)
Synonym of *Blastes* Panzer, according to Dalla Torre, Catalogus hymenopterorum, vol. 10, p. 501, 1896.
- Melitturga** LATREILLE (=Meliturga LEPELETIER AND SERVILLE).
Genera crustaceorum et insectorum . . . , vol. 4, p. 176, 1809.
Type.—*Eucera clavicornis* LATREILLE, 1806. (Monobasic.)
(Meliturga LEPELETIER AND SERVILLE) for Melitturga LATREILLE.
Encycl. Méthod., Hist. Nat., Ins., vol. 10, p. 799, 1828.
- Meliturgopsis** ASHMEAD.
Trans. Amer. Ent. Soc., vol. 26, p. 62, 1909. No species.
Cockerell and Cockerell, Ann. Mag. Nat. Hist., ser. 7, vol. 7, p. 49, 1901.
No species.
Cockerell, Psyche, vol. 10, p. 77, 1903. No species.
Cockerell, Proc. U. S. Nat. Mus., vol. 26, p. 414, 1909 (May). One species.
Type.—*Emphoropsis murihirta* subsp. *murina* COCKERELL, 1909. (First included form.) *Anthophora aurulentocaudata* Dours, 1869, designated by Vachal, Ann. Soc. Ent. France, vol. 78, p. 9, 1909 (July).
Synonym of *Emphoropsis* Ashmead, according to Cockerell, 1901, 1903, and 1909.
- Meliturgula** FRIESE.
Zeitschr. Syst. Hym. Dipt., vol. 3, p. 33, 1903.
Type.—*Meliturgula braunsi* FRIESE, 1903. (Monobasic.)
- Melittidia** GUÉRIN (=Melittidia DALLA TORRE).
In Duperrey's Voyage autour du Monde, exécuté . . . sur la Corvette La Coquille . . . , vol. 2, Zool., pt. 2, p. 270, (1830) 1838.
Type.—*Andrena australis* GUÉRIN, 1830. (Monobasic.)
- Mendacibombus** SKORIKOV.
Rev. Russe Ent., vol. 14, p. 125, 1914. Nine species.
Type.—*Bombus mendax* GERSTAECKER, 1869. (Present designation because of virtual tautonymy.)
- Mermiglossa** FRIESE.
Arch. Naturg., Jahrg. 78, Abt. A, Heft 5, p. 188, 1912.
Type.—*Mermiglossa rufa* FRIESE, 1912. (Monobasic.)
- Meroglossa** F. SMITH.
Catalogue of hymenopterous insects . . . British Museum, pt. 1, p. 33, 1853.
Type.—*Meroglossa canaliculata* F. SMITH, 1853. (Monobasic.)
- Meroglossula** PERKINS.
Ann. Mag. Nat. Hist., ser. 8, vol. 9, p. 99, 1912.
Type.—*Meroglossa eucalypti* COCKERELL, 1910. (Monobasic.)
Proposed as a subgenus of *Meroglossa* F. Smith.
- Mesocheira** LEPELETIER AND SERVILLE (=Mesocheira SCHULZ).
Encycl. Méthod., Hist. Nat., Ins., vol. 10, p. 106, 1825. Three species.
Type.—(*Mesocheira bicolor* LEPELETIER) = *Melicta bicolor* FABRICIUS, 1804.
(By designation of Taschenberg, Berlin. Ent. Zeitschr., vol. 27, p. 72, 1883.)
(*Mesocheira* SCHULZ) for *Mesocheira* LEPELETIER AND SERVILLE.
Spolia hymenopterologica, p. 257, 1906.

Mesonychium LEPELETIER AND SERVILLE.

Encycl. Méthod., Hist. Nat., Ins., vol. 10, p. 107, 1825.

Type.—*Mesonychium coeruleescens* LEPELETIER AND SERVILLE, 1825. (Monobasic.)

Mesoplia LEPELETIER (=Melissa F. SMITH).

Histoire naturelle des insectes. Hyménoptères, vol. 2, p. 457, 1841.

Type.—*Mesoplia azurea* LEPELETIER AND SERVILLE, 1825. (Monobasic.)

Isogenotypic with *Melissa* F. SMITH.

Mesotrichia WESTWOOD.

Trans. Ent. Soc. London, vol. 2, p. 112, 1838.

Type.—*Mesotrichia torrida* WESTWOOD, 1838. (Monobasic.)

Metapsithyrus POPOV.

Eos, vol. 7, p. 135, 1931. Five species.

Type.—(*Apis*) *Psithyrus campestris* (PANZER), 1801. (Original designation.)

Proposed as a subgenus of *Psithyrus* Lepeletier.

Metylaeus BRIDWELL.

Proc. Hawaiian Ent. Soc., vol. 4, pp. 126 and 131, 1919. Three species.

Type.—*Metylaeus cribratus* BRIDWELL, 1919. (Original designation.)

Micralictoides TIMBERLAKE.

Ann. Ent. Soc. Amer., vol. 32, p. 397, 1939. Two species.

Type.—*Halictoides ruficaudus* MICHENER, 1937. (Original designation.)

Proposed as a subgenus of *Dufourea* Lepeletier.

Micrandrena ASHMEAD.

Trans. Amer. Ent. Soc., vol. 26, p. 89, 1899.

Type.—(*Micrandrena pacifica* ASHMEAD, 1899) = *Andrena* (*Micrandrena melanochroa* COCKERELL, 1898. (Monobasic and original designation.)

Micranthidium COCKERELL.

Rev. Zool. Bot. Africaines, vol. 19, pp. 45 and 48, 1930. Seven species.

Type.—(*Anthidium*) *Pachyanthidium* (*Micranthidium*) *truncatum* (F. SMITH), 1854. (Original designation.)

Proposed as a subgenus of *Pachyanthidium* Friese.

Micranthophora COCKERELL.

Trans. Amer. Ent. Soc., vol. 32, p. 66, 1906. Eleven species.

Type.—*Anthophora* (*Micranthophora*) *curta* PROVANCHER, 1895. (Original designation.)

Proposed as a subgenus of *Anthophora* Latreille.

Micrapis ASHMEAD.

Proc. Ent. Soc. Washington, vol. 6, p. 122, 1904.

Type.—*Apis florea* FABRICIUS, 1787. (Monobasic and original designation.)

Micraugochlora SCHROTKY.

Deutsche Ent. Zeitschr., p. 483, 1909. No species.

Rev. Mus. La Plata, vol. 16 (ser. 2, vol. 3), p. 138, 1909. One species.

Type.—*Micraugochlora sphaerocephala* SCHROTKY, 1909. (First included species.)

Microdontura COCKERELL.

Mem. Queensland Mus., vol. 9, p. 322, 1929.

Type.—*Microdontura mellea* COCKERELL, 1929. (Monobasic.)

(**Micromelecta** BAKER) = **Zacosmia** ASHMEAD.

Invertebrata Pacifica, vol. 1, p. 143, 1906.

Type.—*Melecta maculata* CRESSON, 1879. (Monobasic and original designation.)

Isogenotypic with *Zacosmia* Ashmead.

Micronomada COCKERELL AND ATKINS.

Ann. Mag. Nat. Hist., ser. 7, vol. 10, p. 44, 1902.

Type.—*Nomada modesta* CRESSON, 1863. (Monobasic and original designation.)

Proposed as a subgenus of *Nomada* Fabricius.

Microstelis ROBERTSON.

Trans. Amer. Ent. Soc., vol. 29, pp. 170 and 175, 1903. Two species.

Type.—*Stelis lateralis* CRESSON, 1864. (Original designation.)

Mimulapis BRIDWELL.

Proc. Hawaiian Ent. Soc., vol. 4, p. 162, 1919.

Type.—*Mimulapis versatilis* BRIDWELL, 1919. (Monobasic and original designation.)

(*Monia* WESTWOOD, not GRAY, 1850) = *Monidia* COCKERELL.

Trans. Ent. Soc. London, p. 221, 1875.

Type.—*Monia grisea* WESTWOOD, 1875. (Monobasic.)

Monidia COCKERELL (= *Monia* WESTWOOD, 1875, not GRAY, 1850).

Ent. News, vol. 16, p. 9, 1905.

Type.—*Monia grisea* WESTWOOD, 1875. (Autobasic.)

Monilapis COCKERELL.

Ann. Mag. Nat. Hist., ser. 10, vol. 7, p. 529, 1931.

Type.—(*Hylacus*) *Halictus tomentosus* (EVERSMANN), 1852. (Monobasic and original designation.)

Proposed as a subgenus of *Halictus* Latreille.

Monilosmia ROBERTSON.

Trans. Amer. Ent. Soc., vol. 29, pp. 166 and 171, 1903.

Type.—(*Osmia canadensis* CRESSON, 1864) = *Osmia* (*Nothosmia*) *simillima* F. SMITH, 1853. (Monobasic and original designation.)

Synonym of *Nothosmia* Ashmead, according to Sandhouse, Mem. Ent. Soc. Washington, No. 1, p. 63, 1939.

Monoeca LEPELETIER AND SERVILLE.

Encycl. Méthod., Hist. Nat., Ins., vol. 10, p. 528, 1828.

Type.—*Monoeca brasiliensis* LEPELETIER AND SERVILLE, 1828. (Monobasic.)

Monumetha CRESSON.

Proc. Ent. Soc. Philadelphia, vol. 2, p. 387, 1864. Three species.

Type.—(*Monumetha argentifrons* CRESSON, 1864) = (*Chelostoma*) *Monumetha albifrons* (KIRBY), 1837. (By designation of Titus, Journ. New York Ent. Soc., vol. 12, p. 26, 1904.)

Morawitzia FRIESE.

Zeitschr. Syst. Hym. Dipt., vol. 2, p. 185, 1902.

Type.—*Morawitzia panurgoides* FRIESE, 1902. (Monobasic.)

Morgania F. SMITH.

Catalogue of hymenopterous insects . . . British Museum, pt. 2, p. 253, 1854.

Type.—(*Pasites dichroa* F. SMITH, 1854, not *Ammobates dichroa* SPINOLA, 1843) = *Morgania gerstückeri* SCHULZ, 1906. (Monobasic.)

Mucidobombus SKORIKOV.

Bull. Sta. Région. Protect. Plantes Petrograd, vol. 4, p. 149, 1922. Two species.

Type.—(*Bombus*) *Mucidobombus mucidus* (GERSTAECKER), 1869. (Present designation because of virtual tautonymy.)

Mydrosoma F. SMITH.

Descriptions of new species of Hymenoptera . . . British Museum, p. 5, 1879.

Type.—*Mydrosoma metallicum* F. SMITH, 1879. (Monobasic.)

Nannotrigona COCKERELL.

Proc. U. S. Nat. Mus., vol. 60, art. 2413, p. 9, 1922.

Type.—*Melipona testaceicornis* LEPELETIER, 1836. (Monobasic and original designation.)

Navicularia MÉHELY.

Naturgeschichte der Urbienen, pp. 34 and 140, 1935. Ten species.

Proposed as a subgenus of *Prosopis* Fabricius but invalid under Article 25c of the International Rules of Zoological Nomenclature, since no genotype was designated.

Navicularia Popov.

Compt. Rend. (Doklady) Acad. Sci. U. R. S. S., new ser., vol. 25, p. 168, 1939.

Type.—(*Mellinus*) *Prosopis variegata* (FABRICIUS), 1798. (Monobasic and original designation.)

Proposed as a subgenus of *Prosopis* Fabricius.

Navicularia was first proposed by Mchely, Naturgeschichte der Urbienen, pp. 34 and 140, 1935, as a subgenus of *Prosopis* Fabricius to include ten species, but under Article 25c it has no validity from that date since no genotype was designated.

Nectarodiaeta HOLMBERG.

Bol. Acad. Nac. Cienc. Córdoba, vol. 10, p. 225, 1887. Nomen nudum.

Anal. Mus. Nac. Buenos Aires, ser. 3, vol. 2, p. 420, 1903. One species.

Type.—*Nectarodiaeta oliveirae* HOLMBERG, 1903. (Monobasic.)

Neoceratina PERKINS.

Ann. Mag. Nat. Hist., ser. 8, vol. 9, p. 117, 1912.

Type.—*Neoceratina australensis* PERKINS, 1912. (Monobasic.)

Neochelynia SCHROTTKY.

Rev. Mus. Paulista, vol. 12, p. 187, 1920.

Type.—*Neochelynia paulista* SCHROTTKY, 1920. (Monobasic and original designation.)

Neocorynura SCHROTTKY (= *Cacosoma* F. SMITH, 1879, not FELDER, 1874).

Deutsche Ent. Zeitschr., p. 540, 1910.

Type.—*Cacosoma discolor* F. SMITH, 1879. (Autobasic.)

Synonym of *Rhopalictus* Sichel, according to Alfken, Deutsche Ent. Zeitschr., p. 147, 1926.

Neohalictoides VIERECK.

Ent. News, vol. 15, p. 261, 1904.

Type.—(*Panurgus*) *Halictoides maurus* (CRESSON), 1878. (Monobasic and original designation.)

Neolarra ASHMEAD.

Bull. Colorado Biol. Assoc., No. 1, p. 8, 1890.

Type.—*Neolarra pruinosa* ASHMEAD, 1890. (Monobasic.)

Neomegachile MITCHELL.

Trans. Amer. Ent. Soc., vol. 59, pp. 302 and 307, 1934. Six species.

Type.—*Megachile chichimeca* CRESSON, 1878. (Original designation.)

Proposed as a subgenus of *Megachile* Latreille.

Neopasiphae PERKINS.

Ann. Mag. Nat. Hist., ser. 8, vol. 9, p. 114, 1912.

Type.—*Neopasiphae mirabilis* PERKINS, 1912. (Monobasic.)

Neopasites ASHMEAD (= **Gnathopasites** LINSLEY AND MICHENER).

Psyche, vol. 8, p. 284, 1898.

Type.—*Phileremus fulviventris* CRESSON, 1878. (Monobasic and original designation.) Linsley and Michener, Trans. Amer. Ent. Soc., vol. 65, p. 277, 1939, designated (*Phileremus fulviventris* Ashmead, 1898, not Cresson, 1878) = *Neopasites camia* Cockerell, 1909, as the genotype, proposing the acceptance of a specimen rather than the species named by Ashmead as the basis of type fixation in this case. However, approval by the International Commission is necessary before that designation can be accepted (Opinion 65).

Isogenotypic with *Gnathopasites* Linsley and Michener.

Neoperdita ASHMEAD.

Trans. Amer. Ent. Soc., vol. 26, p. 85, 1899.

Type.—*Perdita zeburata* CRESSON, 1878. (Monobasic and original designation.)

(Neoscirtetica SCHROTTKY) = **Alloscirtetica** HOLMBERG.

Anal. Soc. Cient. Argentina, vol. 75, p. 256, 1913.

Type.—*Scirtetica antarctica* HOLMBERG, 1903. (Autobasic.)

Proposed for *Scirtetica* Holmberg, preoccupied, but superseded by *Alloscirtetica* Holmberg.

Neotrypates ROBERTSON.

Ent. News, vol. 29, p. 92, 1918.

Type.—(*Trypates productus* ROBERTSON, 1905) = (*Megachile*) *Heriades (Neotrypates) variolosa* (CRESSON), 1872. (Monobasic and original designation.)

(Neshylaeus HEIDER) for **Nesylaeus** BRIDWELL.

Preussische Akad. Wiss. Berlin: Nomenclator animalium generum et subgenerum, vol. 3, Lief. 16, p. 2245, 1932.

Nesoeupetersia BLÜTHGEN.

Deutsche Ent. Zeitschr., Jahrg. 1935, p. 182, 1938. Four species.

Type.—(*Sphcocoetes*) *Eupetersia scotti* (COCKERELL), 1912. (Original designation.)

Proposed as a subgenus of *Eupetersia* Blüthgen.

Nesohalictus CRAWFORD.

Proc. U. S. Nat. Mus., vol. 38, p. 120, 1910.

Type.—*Halictus (Nesohalictus) robbii* CRAWFORD, 1910. (Monobasic and original designation.) The genotype is a synonym of (*Andrena*) *Halictus halictoides* (F. SMITH), 1869, according to Blüthgen, Mitt. Deutsch. Ent. Ges., vol. 1, p. 75, 1930.

Proposed as a subgenus of *Halictus* Latreille.

Nesoprosopis PERKINS.

Fauna Hawaiiensis, vol. 1, p. 75, 1899. Many species.

Type.—*Prosopis faeillis* F. SMITH, 1879. (By designation of Popov, Compt. Rend. (Doklady) Acad. Sci. U. R. S. S., new ser., vol. 25, p. 168, 1939.)

Nesothrincostoma BLÜTHGEN.

Mitt. Zool. Mus. Berlin, vol. 18, p. 364, 1933.

Type.—*Thrincostoma (Nesothrincostoma) serricorne* BLÜTHGEN, 1933. (Monobasic.)

Proposed as a subgenus of *Thrincostoma* Saussure.

Nesylaeus BRIDWELL (= **Neshylaeus** HEIDER).

Proc. Hawaiian Ent. Soc., vol. 4, p. 147, 1919. Two species.

Type.—*Hylaeus (Nesylaeus) nesoprosopoides* BRIDWELL, 1919. (Original designation.)

Proposed as a subgenus of *Hylaeus* Fabricius.

Nevadensibombus SKORIKOV.

Bull. Sta. Région. Protect. Plantes Petrograd, vol. 4, p. 149, 1922. Two species.

Type.—(*Bombus*) *Brcmus nevadensis* (CRESSON), 1874. (By designation of Frison, Trans. Amer. Ent. Soc., vol. 53, p. 64, 1927.)

Synonym of *Bombias* Robertson, according to Frison, Trans. Amer. Ent. Soc., vol. 55, p. 117, 1929. *Bombus auricomus* Robertson, the genotype of *Bombias*, was originally included.

(Nitocris RAFINESQUE) = *Nomia* LATREILLE.

Analyse de la nature . . . , p. 123, 1815.

Type.—*Andrena curvipes* FABRICIUS, 1781. (Autobasic.)

Proposed unnecessarily for *Nomia* Latreille.

Nobilibombus SKORIKOV.

Mushi, vol. 6, p. 62, 1933. Three species.

Nodocolletes RAYMENT.

Journ. Roy. Soc. West Australia, vol. 17, p. 164, 1931. Five species.

Type.—*Nodocolletes dentatus* RAYMENT, 1931. (Original designation.)

Invalid under Article 25c (amendment) of the International Rules of Zoological Nomenclature, since no genotype was designated.

Nodula MA.

Rec. Indian Mus., vol. 40, pp. 270 and 290, 1938. Nine species.

Type.—*Apis amethystina* FABRICIUS, 1793. (Original designation.)

Proposed as a subgenus of *Xylocopa* Latreille.

Nomada SCOPOLI.

Historico naturalis, annus 4, p. 44, 1770. Eight species.

Type.—(*Apis*) *Nomada ruficornis* (LINNAEUS), 1758. (By designation of Curtis, Brit. Ent., vol. 9, pl. 419, 1832.) (*Apis*) *Nomada fabriciana* (Linnaeus), 1767, designated by Latreille, Considérations générales . . . des insectes, p. 433, 1810, was not originally included. *Nomada succincta* Fabricius [? Panzer, 1798] designated by Blanchard, in Cuvier, Règne Animal, [ed. 3], insectes, text vol. 2, p. 213; atlas pl. 128, fig. 3 [1849], was not originally included. This procedure of assuming that *Nomada ruficornis* Scopoli, 1770, was the same as *ruficornis* Linnaeus, which was followed by Swenk, Univ. Studies, Lincoln, Nebr., vol. 12, p. 6, 1912, and by Richards, Generic names of British insects, pt. 5, p. 138, 1937, seems the best way to retain *Nomada* in its usual interpretation. The other species which were originally included in *Nomada* are unrecognized and Scopoli's collection has been destroyed.

Nomadita MOCSARY.

Term. Fuz., vol. 17, p. 37, 1894.

Type.—*Nomadita montana* MOCSARY, 1894. (Monobasic.)

Nomadopsis ASHMEAD.

Psyche, vol. 8, p. 285, 1893.

Type.—*Perdita zonalis* CRESSON, 1879. (Monobasic and original designation.)

Nomadosoma ROHWER.

Ent. News, vol. 22, p. 24, 1911.

Type.—*Pasites pilipes* CRESSON, 1865. (Monobasic and original designation.)

Synonym of *Hypochrotaenia* Holmberg, according to Cockerell, Ent. News, vol. 27, p. 208, 1916.

Nomadula COCKERELL.

Proc. Acad. Nat. Sci. Philadelphia, vol. 55, p. 611, 1903. Six species.

Type.—(*Nomada americana* Kirby of Robertson) = *Nomada articulata* F. SMITH, 1854. (Original designation.)

Proposed as a subgenus of *Nomada* Fabricius.

Nomia LATREILLE (= *Nitocris* RAFINESQUE; *Paranomia* FRIESE, not Conrad, 1860).

Nouv. Dict. Hist. Nat., vol. 24, p. 182, 1804.

Type.—*Andrena curvipes* FABRICIUS, 1781. (Monobasic.) *Nomia diversipes* "Fabricius" [Latreille, 1806], designated by Blanchard, in Cuvier, Règne Animal [ed. 3], insectes, text vol. 2, p. 204; atlas pl. 125, fig. 7, [1849], was not originally included.

Nomiapis COCKERELL.

Proc. U. S. Nat. Mus., vol. 55, p. 208, 1919.

Type.—*Nomia diversipes* LATREILLE, 1806. (Monobasic and original designation.)

Proposed as a subgenus of *Nomia* Latreille.

Nomiocolletes BRÈTHES.

Anal. Mus. Nac. Buenos Aires, vol. 17 (ser. 3, vol. 10), p. 455, 1909. Two species.

Type.—*Nomia jörgenseni* FRIESE, 1908. (Original designation.)

Synonym of *Lonchopria* Vachal, according to Brèthes, Anal. Mus. Nac. Buenos Aires, vol. 19 (ser. 3, vol. 12), p. 247, 1909; and Ducke, Zool. Jahrb., Abt. Syst., Jena, vol. 34, p. 79, 1912.

Nomioides SCHENCK.

Berlin. Ent. Zeitschr., vol. 10, p. 333, 1866.

Type.—(*Andrena pulchella* JURINE, 1807 = (*Apis*) *Megilla parvula* (FABRICIUS), 1798) = (*Apis*) *Nomioides minutissima* (ROSSI), 1790. (Monobasic.)

Notandrena PÉREZ.

Actes Soc. Linn. Bordeaux, vol. 10, p. 173, 1890. Ten species.

Type.—*Andrena nitidiuscula* SCHENCK, 1853. (By designation of Hedicke, Mitt. Zool. Mus. Berlin, vol. 19, p. 216, 1933.)

Proposed as a subgenus of *Andrena* Fabricius.

Notanthidium ISENSEE.

Ann. Carnegie Mus., vol. 17, p. 371, 1927.

Type.—(*Anthidium steloides* GAY) = *Anthidium steloides* SPINOLA, 1851. (Monobasic and original designation.)

Proposed as a subgenus of *Dianthidium* Cockerell.

Noteriades COCKERELL.

Rev. Zool. Bot. Africaines, vol. 20, p. 332, 1931. Five species.

Type.—(*Megachile*) *Heriades tricarinatus* (BINGHAM), 1903. (Original designation.)

Proposed as a subgenus of *Heriades* Spinola.

Nothosmia ASHMEAD.

Trans. Amer. Ent. Soc., vol. 26, p. 75, 1899.

Type.—*Osmia distincta* CRESSON, 1864. (Monobasic and original designation.)

Nothylaeus BRIDWELL.

Proc. Hawaiian Ent. Soc., vol. 4, p. 125, 1919. Eleven species.

Type.—*Prosopis heraldica* F. SMITH, 1853. (Original designation.)

Notocolletes COCKERELL.

Ann. Mag. Nat. Hist., ser. 8, vol. 18, p. 44, 1916.

Type.—*Notocolletes heterodoxus* COCKERELL, 1916. (Monobasic.)

Notomelitta COCKERELL.

Ann. Mag. Nat. Hist., ser. 10, vol. 12, p. 128, 1933.

Type.—*Rediviva neliana* COCKERELL, 1931. (Monobasic and original designation.)

Nyctomelitta COCKERELL.

Ann. Mag. Nat. Hist., ser. 10, vol. 4, p. 303, 1929. Two species.

Type.—(*Bombus*) *Xylocopa* (*Nyctomelitta*) *tranquebarica* (FABRICIUS), 1804. (Original designation.)

Proposed as a subgenus of *Xylocopa* Latreille.

(*Nylaeus* POPOV) for *Hylaeus* FABRICIUS.

Compt. Rend. (Doklady) Acad. Sci. U. R. S. S., new ser. vol. 25, p. 169, 1939.

Obertobombus REINIG.

Zeitschr. Morph.-Ökol. Tiere, vol. 17, p. 107, 1930.

Type.—*Bombus oberti* MORAWITZ, 1883. (Monobasic.) (*Obertobombus oberti* Reinig, 1930, not *Bombus oberti* Morawitz, 1883) = *Subterraneobombus pamirus* Skorikov, 1912, according to Skorikov, Leningrad, Akad. Nauk., Trudi pamirskoi eskped., No. 8, p. 229, 1931. However, *oberti* Morawitz must be retained as type unless the International Commission rules otherwise in this case (see Opinion 65).

Proposed as a subgenus of *Bombus* Latreille.

Odontalictus ROBERTSON.

Ent. News, vol. 29, p. 91, 1918.

Type.—*Halictus ligatus* SAY, 1837. (Monobasic and original designation.)

Odontochlora SCHROTTKY.

Rev. Mus. La Plata, vol. 16 (ser. 2, vol. 3), p. 141, 1909. Eight species.

Type.—*Augochlora muclleri* COCKERELL, 1900. (Original designation.)

Synonym of *Augochlora* F. Smith, according to Sandhouse, Journ. Washington Acad. Sci., vol. 27, p. 66, 1937.

Odontostelis COCKERELL.

Ann. Mag. Nat. Hist., ser. 10, vol. 8, p. 542, 1931. Two species.

Type.—(*Stelis abnormis* FRIESE, 1925) = (*Anthidium*) *Stelis* (*Odontostelis*) *bivittatum* (Cresson), 1878. (Original designation.)

Proposed as a subgenus of *Stelis* Panzer.

Odyneropsis SCHROTTKY.

Rev. Mus. Paulista, vol. 5, p. 432, 1903.

Type.—*Odyneropsis holosericea* SCHROTTKY, 1903. (Monobasic and original designation.)

Oediscelis PHILIPPI.

Stettin. Ent. Zeit., vol. 27, p. 109, 1866. Two species.

Type.—*Oediscelis vernalis* PHILIPPI, 1866. (By designation of Cockerell, Proc. U. S. Nat. Mus., vol. 55, p. 185, 1919.)

(*Oestropsis* F. SMITH, not BRAUER, 1868) = *Gastropsis* F. SMITH.

Trans. Ent. Soc. London, p. 253, 1868.

Type.—*Oestropsis pubescens* F. SMITH, 1868. (Monobasic.)

Oligotropus ROBERTSON.

Trans. Amer. Ent. Soc., vol. 29, pp. 168 and 171, 1903.

Type.—*Oligotropus campanulae* ROBERTSON, 1903. (Monobasic and original designation.)

Synonym of *Chelostomoides* Robertson, according to Mitchell, Trans. Amer. Ent. Soc., vol. 59, pp. 298 and 300, 1934.

- Omachtes** GERSTAECKER (=Homachthes DALLA TORRE).
Stettin. Ent. Zeit., vol. 30, p. 154, 1869. Three species.
Type.—(*Omachtes carnifex* GERSTAECKER, 1869)=*Ammobates dichroa* Spinola, 1843. (Present designation.)
- Opandrena** ROBERTSON.
Trans. Amer. Ent. Soc., vol. 28, pp. 187, 188, and 193, 1902. Six species.
Type.—*Andrena cressonii* ROBERTSON, 1891. (Original designation.)
(*Orbitella* MA, not DOUVILLE, 1915)=*Euryapis*, new name.
Rec. Indian Mus., vol. 40, pp. 270 and 305, 1938. Eight species.
Type.—*Xylocopa confusa* PÉREZ, 1901. (Original designation.)
Proposed as a subgenus of *Xylocopa* Latreille.
- Oreopasites** COCKERELL.
Bull. Amer. Mus. Nat. Hist., vol. 22, p. 442, 1906.
Type.—*Oreopasites scituli* COCKERELL, 1906. (Monobasic.)
- Orientalibombus** RICHARDS.
Ann. Mag. Nat. Hist., ser. 10, vol. 3, p. 378, 1929. Five species.
Type.—*Bombus orientalis* F. SMITH, 1854. (Original designation.)
- Orphana** VACHAL (=Leptoglossa FRIESE, 1925, not KLUG, 1839; *Ptoleglossa* FRIESE).
Rev. d'Ent. France, vol. 28, pp. 35 and 38, 1909.
Type.—*Orphana inquirenda* VACHAL, 1909. (Monobasic.)
Isogenotypic with *Leptoglossa* Friese through synonymy.
Ptoleglossa was proposed for *Leptoglossa* Friese, preoccupied.
- Osiris** F. SMITH.
Catalogue of hymenopterous insects . . . British Museum, pt. 2, p. 288, 1854.
Two species.
Type.—*Osiris pallidus* F. SMITH, 1854. (Present designation.)
- Osmia** PANZER (=Amblys KLUG; Ceratosmia THOMSON; Pachyosmia DUCKE).
Kritische Revision der Insektenfauna Deutschlands . . . , vol. 2, p. 230, 1806.
Seven species.
Type.—(*Anthophora bicornis* (FABRICIUS), 1804=*Apis bicornis* LINNAEUS, 1758)=*Apis rufa* LINNAEUS, 1758. (By designation of Latreille, Considerations générales . . . des insectes, p. 439, 1810.) *Osmia tricornis* Latreille, 1811, designated by Blanchard, in Cuvier, Règne Animal [ed. 3], insectes, text vol. 2, p. 210; atlas pl. 127, fig. 3, [1849], was not originally included.
Isogenotypic with *Amblys* Klug, *Ceratosmia* Thomson, and through synonymy with *Pachyosmia* Ducke.
- Oxaea** KLUG (=Dasyglossa ILLIGER).
Mag. Ges. naturf. Freunde Berlin, vol. 1, p. 261, 1807.
Type.—*Oxaea flavescens* KLUG, 1807. (Monobasic.)
Isogenotypic with *Dasyglossa* Illiger.
- Oxyhalictus** COCKERELL AND IRELAND.
Ann. Transvaal Mus., vol. 17, p. 91, 1935.
Type.—*Halictus (Oxyhalictus) acutiferus* COCKERELL AND IRELAND, 1935. (Monobasic.)
Proposed as a subgenus of *Halictus* Latreille.
- (**Oxynedys** SCHROTTKY)=**Hopliphora** LEPELETIER.
Rev. Mus. Paulista, vol. 5, p. 491, 1903.
Type.—(*Oxynedys veroni* SCHROTTKY, 1903)=(*Mesocheira*) *Hopliphora velutina* LEPELETIER AND SERVILLE, 1825. (Monobasic and original designation.)
Isogenotypic with *Hopliphora* Lepeletier through synonymy.

Oxystoglossa F. SMITH.

Catalogue of hymenopterous insects . . . British Museum, pt. 1, p. 83, 1853.

Type.—*Oxystoglossa decorata* F. SMITH, 1853. (Monobasic.)

Synonym of *Augochlora* F. Smith, according to Ashmead, Trans. Amer. Ent. Soc., vol. 26, p. 91, 1899; and Sandhouse, Journ. Washington Acad. Sci., vol. 27, p. 75, 1937.

Oxytrigona COCKERELL.

Psyche, vol. 24, p. 124, 1917.

Type.—*Trigona mediatorufa* COCKERELL, 1913. (Monobasic and original designation.)

Proposed as a subgenus of *Trigona* Jurine.

Pachyanthidium FRIESE.

Zeitschr. Syst. Hym. Dipt., vol. 5, p. 66, 1905. Ten species.

Type.—*Anthidium bicolor* LEPELETIER, 1841. (By designation of Cockerell, Ann. Durban Mus., vol. 2, p. 298, 1920.)

Proposed as a subgenus of *Anthidium* Fabricius.

Pachycentris FRIESE.

Zeitschr. Syst. Hym. Dipt., vol. 2, p. 186, 1902.

Type.—*Pachycentris schrottkyi* FRIESE, 1902. (Monobasic.)

Pachycerapis COCKERELL.

Amer. Mus. Novitates, no. 47, p. 4, 1922. Two species.

Type.—*Exomalopsis (Pachyccrapis) cornigera* COCKERELL, 1922. (Original designation.)

Proposed as a subgenus of *Exomalopsis* Spinola.

Pachyhalictus COCKERELL.

Ann. Mag. Nat. Hist., ser. 10, vol. 4, p. 589, 1929. Three species.

Type.—*Halictus merescens* COCKERELL, 1919. (Original designation.)

Proposed as a subgenus of *Halictus* Latreille for the "*Halicti nomiiformes*" of Vachal and Blüthgen.

Pachymelopsis COCKERELL.

Trans. Amer. Ent. Soc., vol. 31, p. 331, 1905.

Type.—*Pachymelus conspicuus* F. SMITH, 1879. (Monobasic and original designation.)

Proposed as a subgenus of *Pachymelus* F. Smith.

Pachymelus F. SMITH.

Descriptions of new species of Hymenoptera . . . British Museum, p. 116, 1879. Two species.

Type.—*Pachymelus microlephas* F. SMITH, 1879. (By designation of Cockerell, Trans. Amer. Ent. Soc., vol. 31, p. 330, 1905, who transferred *P. conspicuus* F. Smith to *Pachymelopsis* Cockerell, as genotype, leaving only *microlephas* in *Pachymelus*.) (See Opinion 6, by the International Commission on Zoological Nomenclature.)

(**Pachyosmia** DUCKE) = **Osmia** PANZER.

Ber. naturw.-med. Ver. Innsbruck, vol. 25, p. 18, 1900. Ten species.

Type.—(*Apis*) *Osmia rufa* (LINNAEUS), 1758. (By designation of Sandhouse, Mem. Ent. Soc. Washington, No. 1, p. 9, 1939.)

Proposed as a subgenus of *Osmia* Panzer.

Isogenotypic through synonymy with *Osmia* Panzer, *Amblys* Klug, and *Ceratostmia* Thomson.

Pachyprosopis PERKINS.

Proc. Hawaiian Ent. Soc., vol. 2, p. 29, 1908.

Type.—*Pachyprosopis mirabilis* PERKINS, 1908. (Monobasic.)

(*Paedia DALLA TORRE*) for **Paidia RADOSZKOWSKI.**

Ber. naturw.-med. Ver. Innsbruck, p. 147, 1891.

(*Paidia RADOSZKOWSKI*, not HERRICH-SCHAFFER, 1847) = **Ammobatoides RADOSZKOWSKI.**

Bull. Soc. Imper. Nat. Moscou, vol. 45, pt. 1, p. 10, 1872.

Horae Soc. Ent. Ross., Bull. vol. 8, p. xxi, (1871), 1872.

Type.—*Phileremus abdominalis* EVERSMANN, 1852. (Autobasic.)

Paidia was proposed unnecessarily by Radoszkowski for *Ammobatoides* Radoszkowski, not Schenck, and is itself preoccupied.

Palaeorhiza PERKINS.

Proc. Hawaiian Ent. Soc., vol. 2, p. 29, 1908.

Type.—*Prosopis perviridis* COCKERELL, 1905. (Monobasic and original designation.)

Palinepeolus HOLMBERG (=Calospiloma BRÈTHES).

Apuntes Hist. Nat. Buenos Aires, vol. 1, p. 77, 1909. Two species.

Type.—*Epcolus viperinus* HOLMBERG, 1886. (Original designation.)

Isogenotypic with *Calospiloma* Brèthes.

Panurginus NYLANDER.

Notis. Sällsk. Fauna Flora Fennica, vol. 1, p. 223, 1848.

Type.—*Panurginus niger* NYLANDER, 1848. (Monobasic.)

Panurgomia VIERECK.

Proc. Ent. Soc. Washington, vol. 11, p. 48, 1909.

Type.—*Panurgomia fuchsi* VIERECK, 1909. (Monobasic.)

Panurgus PANZER (=Eriops KLUG).

Kritische Revision der Insektenfauna Deutschlands . . . , vol. 2, p. 209, 1806.

Two species.

Type.—(*Dasyroda lobata* FABRICIUS, 1804 = *Andrena lobata* PANZER, 1799) = *Apis calcarata* SCOPOLI, 1763. (By designation of Latreille, *Considérations générales . . . des insectes*, p. 439, 1810.) *Apis ursina* Gmelin, 1790, designated by Westwood, *An introduction to the modern classification of insects*, vol. 2, Synopsis of the genera of British insects, p. 85, 1840, is a synonym of *calcarata*. (*Panurgus ater* Fabricius = *Trachusa atra* Panzer, 1804) = *Apis banksiana* Kirby, 1802, designated by Blanchard, *in* Cuvier, *Règne Animal*, [ed. 3], insectes, text vol. 2, p. 206; atlas pl. 126, fig. 3 [1849].

Isogenotypic with *Eriops* Klug.

Paraanthidium FRIESE.

Die Bienen Europas, vol. 4, p. 101, 1898. Eight species.

Type.—*Apis interrupta* FABRICIUS, 1781. (By designation of Cockerell, *Ent. Rec.*, vol. 21, p. 270, 1909.)

Proposed as a subgenus of *Anthidium* Fabricius.

Paracentris CAMERON.

Trans. Amer. Ent. Soc., vol. 29, p. 235, 1903.

Type.—*Paracentris fulvohirta* CAMERON, 1903. (Monobasic.)

Paracoelioxys GRIBODO.

Bull. Soc. Ent. Italiana, vol. 16, p. 274, 1884.

Type.—*Coelioxys montandoni* GRIBODO, 1884. (Monobasic.)

Proposed as a subgenus of *Coelioxys* Latreille.

(*Paracoelioxys* RADZSKOWSKI, not GRIBODO, 1884) = *Liothyrapis* COCKERELL.
Horae Soc. Ent. Ross., vol. 27, p. 53, 1893. Two species.

Type.—*Paracoelioxys barrei* RADZSKOWSKI, 1893. (Present designation.)
Coelioxys decipiens Spinola, 1838, designated by Alfken, Deutsche Ent.
Zeitschr., p. 433, 1938, was not originally included.

Proposed as a subgenus of *Coelioxys* Latreille.

Paracoelioxys Radzskowski is preoccupied and ordinarily would require a
new name, but since, according to Alfken, Bull. Soc. Roy. Ent. Egypte,
vol. 18, p. 178, 1934, it is a synonym of *Liothyrapis* Cockerell, none is pro-
posed to replace it.

Paracolletes F. SMITH.

Catalogue of hymenopterous insects . . . British Museum, pt. 1, p. 6, 1853.

Type.—*Paracolletes crassipes* F. SMITH, 1853. (Monobasic.)

Paracrocisa ALFKEN.

Konowia, vol. 16, p. 173, 1937.

Type.—*Paracrocisa sinaitica* ALFKEN, 1937. (Monobasic.)

Paradioxys MOCSARY.

Term. Fuz. vol. 17, p. 35, 1894.

Type.—*Dioxys pannonica* MOCSARY, 1877. (Monobasic.)

Parafidelia BRAUNS.

Zool. Jahrb., Abt. Syst., Jena, vol. 52, p. 202, 1926.

Type.—*Parafidelia friesci* BRAUNS, 1926. (Monobasic.)

Parafriesea SCHROTTKY (= *Friesea* SCHROTTKY, 1903, not DALLA TORRE, 1895).

Zeitschr. Syst. Hym. Dipt., vol. 6, p. 118, 1906.

Type.—(*Friesea brasiliensis* SCHROTTKY, 1903) = (*Calliopsis*) *Camptopoeum*
flavifrons (F. SMITH), 1853. (Autobasic.)

Synonym of *Camptopoeum* Spinola, according to Duecke, Zool. Jahrb., Abt.
Syst., Jena, vol. 34, p. 86, 1912.

Paragapostemon VACHAL.

Misc. Ent., vol. 11, pp. 89 and 96, 1903. Many species.

Type.—*Halictus (Paragapostemon) podager* VACHAL, 1903. (By designation
of Cockerell, Trans. Amer. Ent. Soc., vol. 31, p. 354, footnote, 1905.)

Proposed as a subgenus of *Halictus* Latreille.

Parahalictoides COCKERELL AND PORTER.

Ann. Mag. Nat. Hist., ser. 7, vol. 4, p. 420, 1899. Three species.

Type.—*Halictoides campanulac* COCKERELL, 1897. (Original designation.)

Proposed as a subgenus of *Halictoides* Nylander.

Paralictus ROBERTSON.

Can. Ent., vol. 33, p. 229, 1901. Three species.

Type.—(*Halictus cephalicus* ROBERTSON, 1892, not Morawitz, 1873) = *Halictus*
cephalotes Dalla Torre, 1896. (Original designation.)

Paramacropis POPOV AND GUIGLIA.

Ann. Mus. Civ. Stor. Natur., Genova, vol. 59, p. 287, 1936.

Type.—*Ctenoplectra ussuriana* POPOV, 1936. (Monobasic.)

Proposed as a subgenus of *Macropis* Panzer.

(*Paramegachile* FRIESE) = *Eutricharaea* THOMSON.

Term. Fuz., vol. 21, p. 198, 1898. No species.

Die Bienen Europas, vol. 5, p. 34, 1899. Many species.

Type.—*Apis argentata* FABRICIUS, 1793. (By designation of Mitchell, Trans.
Amer. Ent. Soc., vol. 59, p. 298, 1934.)

Proposed as a subgenus of *Megachile* LATREILLE.

Isogenotypic with *Eutricharaea* Thomson.

(*Paramegalochila* SCHULZ) for *Paramegachile* FRIESE.

Spolia hymenopterologica, p. 71, 1906.

Paramegilla FRIESE.

Die Bienen Europas, vol. 3, pp. 5, 18, and 25, 1897. Six species.

Type.—(*Apis*) *Podalirius* (*Paramegilla*) *ircos* (PALLAS), 1773. (Present designation.)

Proposed as a subgenus of *Podalirius* Latreille.

Parammobates FRIESE.

Zeitschr. Syst. Hym. Dipt., vol. 6, p. 118, 1906.

Type.—*Parammobates brasiliensis* FRIESE, 1906. (Monobasic.)

Parammobatodes POPOV.

Ann. Mus. Zool. Acad. Sci. U. R. S. S., vol. 32, p. 462, 1932.

Type.—*Phiarus minutus* MOCSARY, 1878. (Monobasic.)

Parandrena ROBERTSON.

Trans. Acad. Sci. St. Louis, vol. 7, p. 337, 1897. Two species.

Type.—*Panurgus andreoides* CRESSON, 1878. (By designation of Cockerell, *Can. Ent.*, vol. 29, p. 28, 1897.)

Paranomada LINSLEY AND MICHENER.

Pan-Pacific Ent., vol. 13, p. 82, 1937.

Type.—*Paranomada nitida* LINSLEY AND MICHENER, 1937. (Monobasic and original designation.)

(*Paranomina* FRIESE, not CONRAD, 1860) = *Nomia* LATREILLE.

Festschr. fünfzig. bestehene Ver. Schles. Insektenk. Breslau, p. 48, 1897.

Four species.

Type.—*Nomia chalybeata* F. SMITH, 1875. (By designation of Cockerell, *Proc. U. S. Nat. Mus.*, vol. 38, p. 290, 1910.)

Proposed as a subgenus of *Nomia* Latreille.

Synonym of *Nomia* Latreille, according to Meade-Waldo, *Ann. Mag. Nat. Hist.*, ser. 8, vol. 17, p. 454, 1916; accordingly, no new name is proposed to replace *Paranomina* Friese which is preoccupied.

Paranthidium COCKERELL AND COCKERELL.

Ann. Mag. Nat. Hist. ser. 7, vol. 7, p. 50, 1901.

Type.—*Anthidium perpictum* COCKERELL, 1898. (Monobasic.)

Proposed as a subgenus of *Anthidium* Fabricius.

Parapolyglossa BRAUNS.

Zeitschr. Wiss. Insektenbiol., vol. 24, p. 134, 1929. Two species.

Type.—*Polyglossa heterodora* COCKERELL, 1921. (Original designation.)

Proposed as a subgenus of *Polyglossa* Friese.

Paraprosopis POPOV.

Compt. Rend. (Doklady) Acad. Sci. U. R. S. S., new ser. vol. 25, p. 169, 1939.

Type.—(*Hylaeus*) *Prosopis pictipes* (NYLANDER), 1852. (Monobasic and original designation.)

Proposed as a subgenus of *Prosopis* Fabricius to replace *Campanularia* Méhely which, however, is invalid.

Campanularia Méhely, not Lamarek, 1816, was proposed by Méhely, *Naturgeschichte der Urbieneen*, pp. 50 and 157, 1935, as a subgenus of *Prosopis* Fabricius to include seven species, but according to Article 25c (amendment) it has no validity from that date since no genotype was designated.

Parapsaenythia FRIESE.

Flora og Fauna Aarbog, vol. 10, p. 42, 1908.

Type.—*Psaenythia* (*Parapsaenythia*) *argentina* FRIESE, 1908. (Monobasic.)

Proposed as a subgenus of *Psaenythia* Gerstaecker.

Pararhophites FRIESE.

Term. Fuz., vol. 21, p. 305, 1898.

Type.—*Rhophites* (*Pararhophites*) *quadratus* FRIESE, 1898. (Monobasic.)

Proposed as a subgenus of *Rhophites* [*Rophites*] Spinola.

Parasphecodes F. SMITH.

Catalogue of hymenopterous insects . . . British Museum, pt. 1, p. 39, 1853.

Twelve species.

Type.—*Parasphecodes hilactus* F. SMITH, 1853. (Present designation.)

Parathrincoctoma BLÜTHGEN.

Mitt. Zool. Mus. Berlin, vol. 18, p. 389, 1933.

Type.—*Parathrincoctoma scyrigi* BLÜTHGEN, 1933. (Monobasic and original designation.)

Paratrigona SCHWARZ.

Bull. Amer. Mus. Nat. Hist., vol. 74, p. 487, 1938. Three species.

Type.—(*Melipona*) *Trigona* (*Paratrigona*) *prosopiformis* (GRIBODO), 1893. (Original designation.)

Proposed as a subgenus of *Trigona* Jurine.

Paraugochlora SCHROTTKY (=Augochloropsis SCHROTTKY, 1909, not COCKERELL, 1897).

Deutsche Ent. Zeitschr., p. 540, 1910.

Type.—*Augochlora spinolae* COCKERELL, 1900. (Autobasic and original designation.)

Paraugochloropsis SCHROTTKY.

Zeitschr. Syst. Hym. Dipt., vol. 6, p. 312, 1906.

Type.—*Augochloropsis* (*Paraugochloropsis*) *lycorias* SCHROTTKY, 1906. (Monobasic.)

Proposed as a subgenus of *Augochloropsis* Cockerell for the "*Halicti vibrissati*" of Vachal, but only the single species listed.

Synonym of *Augochloropsis* Cockerell, according to Sandhouse, Journ. Washington Acad. Sci., vol. 27, pp. 65 and 71, 1937.

Parepeolus DUCKE.

Zool. Jahrb., Abt. Syst., Jena, vol. 34, pp. 71 and 102, 1912. Two species.

Type.—*Leiopodus lecointei* DUCKE, 1908. (Present designation.)

Parevaspis RITSEMA.

Tijdschr. Ent., vol. 17, p. lxxi, 1874. Three species.

Type.—*Parevaspis basalis* RITSEMA, 1874. (Present designation.)

Partamona SCHWARZ (=Patera SCHWARZ, 1938, not LESSON, 1837, not ALBERS, 1850).

Ent. News, vol. 50, p. 23, 1939.

Type.—*Melipona testacea* KLUG, 1807. (Autobasic.)

(Pasiphæa SPINOLA, not LATREILLE, 1819) = Brachyglossula HEDICKE.

Historia física y política de Chile . . . por Claudio Gay, Zool., vol. 6, p. 226, 1851. Four species.

Type.—*Pasiphæa caerulea* SPINOLA, 1851. (Present designation.)

Pasiphæa Spinola is preoccupied but since it is considered to be synonymous with *Brachyglossula* no new name is proposed to replace it.

Pasites JURINE.

Nouvelle méthode de classer les hyménoptères et les diptères, vol. 1, p. 224, 1807. Two species.

Type.—*Pasites maculata* JURINE, 1807. (Original designation.) (*Nomada schottii* Fabricius, 1804) = (*Tiphia*) *Biastes brevicornis* (Panzer), 1798, designated by Latreille, Considérations générales . . . des insectes, p. 439, 1810.

Pasitomachtes BISCHOFF.

Dutsche Ent. Zeitschr., p. 596, 1923. Two species.

Type.—*Pasitomachtes nigerrimus* BISCHOFF, 1923. (Original designation.)

Patellapis FRIESE.

In Schultze, Zool. u. anthropol. Ergebn. Forschungsreise Südafrika, vol. 2, pp. 127 and 148, 1909. Three species.

Type.—*Halictus (Patellapis) schultzei* (FRIESE), 1909. (By designation of Cockerell, Ann. Durban Mus., vol. 2, p. 311, 1920.)

Proposed as a subgenus of *Halictus* Latreille.

(*Patera* SCHWARZ, not LESSON, 1837, not ALBERS, 1850) = *Partamona* SCHWARZ. Bull. Amer. Mus. Nat. Hist., vol. 74, p. 475, 1938.

Type.—*Melipona testacea* KLUG, 1807. (Monobasic and original designation.)

Proposed as a subgenus of *Trigona* Jurine.

Favostelis SLADEN.

Can. Ent., vol. 48, p. 313, 1916.

Type.—*Stelis montana* CRESSON, 1864. (Monobasic.)

Proposed as a subgenus of *Stelis* Panzer.

Pectinata MÉHELY.

Naturgeschichte der Urbieneu, pp. 54 and 161, 1935. Thirteen species.

Proposed as a subgenus of *Prosopis* Fabricius, but invalid under Article 25c (amendment) of the International Rules of Zoological Nomenclature, since no genotype was designated.

(*Pectinata* POPOV) = *Hylaeus* FABRICIUS.

Compt. Rend. (Doklady) Acad. Sci. U. R. S. S., new ser., vol. 25, p. 169, 1939.

Type.—(*Apis*) *Prosopis auulata* (LUNNAEUS), 1758. (Monobasic and original designation.)

Proposed as a subgenus of *Prosopis* Fabricius.

Isegenotypic with *Hylaeus* Fabricius and *Trichota* Popov.

Pectinata was first proposed by Méhely, Naturgeschichte der Urbieneu, pp. 54 and 161, 1935, as a subgenus of *Prosopis* Fabricius to include thirteen species, but according to Article 25c (amendment) it has no validity from that date since no genotype was designated.

Pelandrena COCKERELL [fossil].

Ent. News, vol. 20, p. 159, 1909.

Type.—*Pelandrena reducta* COCKERELL, 1909. (Monobasic.)

Pentaperdita COCKERELL and PORTER.

Ann. Mag. Nat. Hist., ser. 7, vol. 4, p. 414, 1899.

Type.—*Perdita alborittata* COCKERELL, 1895. (Monobasic.)

Proposed as a subgenus of *Perdita* F. Smith.

Peponapis ROBERTSON.

Can. Ent., vol. 34, p. 324, 1902.

Type.—*Macrocera pruinosa* SAY, 1836. (Monobasic and original designation.)

Synonym of *Xeuoglossa* F. Smith, according to Cockerell, Trans. Amer. Ent. Soc., vol. 32, p. 104, 1906.

Perdita F. SMITH.

Catalogue of hymenopterous insects . . . British Museum, pt. 1, p. 128, 1853.

Type.—*Perdita halictoides* F. SMITH, 1853. (Monobasic.)

Perditella COCKERELL.

Psyche, vol. 8, p. 312, 1899. Three species.

Type.—(*Perdita laneae* COCKERELL, 1899) = *Perdita larreae* COCKERELL, 1896.
(Original designation.)

Proposed as a subgenus of *Perdita* F. Smith.

Perditomorpha ASHMEAD.

Trans. Amer. Ent. Soc., vol. 26, p. 86, 1899.

Type.—*Perditomorpha brunerii* ASHMEAD, 1899. (Monobasic and original designation.)

(*Pérezia* FERTON, not LEGER and DUBOSCQ, 1909) = **Fertonella** COCKERELL.

Ann. Soc. Ent. France, vol. 83, p. 233, 1914.

Type.—*Pérezia maura* FERTON, 1914. (Monobasic.)

Phaenosarus MITCHELL.

Trans. Amer. Ent. Soc., vol. 59, pp. 303 and 309, 1934. Two species.

Type.—*Megachile fortis* CRESSON, 1872. (Original designation.)

Proposed as a subgenus of *Megachile* Latreille.

Phenacolletes COCKERELL.

Ann. Mag. Nat. Hist., ser. 7, vol. 16, p. 301, 1905.

Type.—*Phenacolletes mimus* COCKERELL, 1905. (Monobasic.)

(**Phiarus** GERSTAECKER) = **Ammobatoides** RADOSZKOWSKI.

Stettin. Ent. Zeit., vol. 30, p. 147, 1869.

Type.—*Phileremus abdominalis* EVERSMANN, 1852. (Monobasic.)

Isogenotypic with *Ammobatoides* Radoszkowski and *Paidia* Radoszkowski.

Phileremulus COCKERELL.

Psyche, vol. 7, suppl., p. 9, 1895. Two species.

Type.—*Phileremulus vigilans* COCKERELL, 1895. (Original designation.)

Phileremus LATREILLE (= **Ammobatoides** SCHENCK, 1868, not Radoszkowski, 1867).

Genera crustaceorum et insectorum . . . , vol. 4, p. 169, 1809. Two species.

Type.—(*Epeolus punctatus* FABRICIUS, 1804) = *Epeolus kirbyanus* LATREILLE, 1803. (By designation of Latreille, *Considérations générales . . . des insectes*, p. 439, 1810.) *Phileremus oraniensis* Lepeletier, 1841, designated by Blanchard, in Cuvier, *Règne Animal* [ed. 3], insectes, text vol. 2, p. 213; atlas pl. 128, fig. 1, [1849], was not originally included.

Isogenotypic with *Ammobatoides* Schenck through synonymy.

Philoxanthus ASHMEAD.

Psyche, vol. 8, p. 285, 1898.

Type.—*Perdita beata* COCKERELL, 1896. (Monobasic and original designation.)

Phor ROBERTSON.

Can. Ent., vol. 35, pp. 174, 175, and 177, 1903.

Type.—(*Nomada integra* ROBERTSON, 1893, not BRULLÉ, 1832) = *Nomada integerrima* DALLA TORRE, 1896. (Original designation.)

(**Phyllotoma** DUMÉRIL, not LEACH, 1819, not FALLÉN, 1829) = **Anthocopa** LEPELETIER AND SERVILLE.

Mem. Acad. Sci. Inst. Imp. France, vol. 31, p. 842, 1860. Five species.

Type.—*Apis papaveris* LATREILLE, 1799. (By designation of Michener, *Amer. Midland Nat.*, vol. 26, p. 160, 1941.)

Isogenotypic with *Anthocopa* Lepeletier and Serville and *Furcosmia* Schmiedeknecht.

Phyllotoma Dumeril is preoccupied, but since it falls as a synonym of *Anthocopa* no new name is proposed to replace it.

Physostetha MICHENER.

Ann. Ent. Soc. Amer., vol. 31, pp. 515 and 523, 1938. Five species.
Type.—*Heriades carinata* CRESSON, 1864. (Original designation.)
Proposed as a subgenus of *Heriades* Spinola.

Pithitis KLUG.

Magazin für Insektenkunde, vol. 6, pp. 198 and 225, 1807.
Type.—(*Apis*) *Megilla smaragdula* (FABRICIUS), 1787. (Monobasic.)
Synonym of *Ceratina* Latreille, according to Dalla Torre, Catalogus hyme-
nopteroorum, vol. 10, p. 195, 1896.

Plastandrena HEDICKE.

Mitt. Zool. Mus. Berlin, vol. 19, p. 217, 1933. Eleven species.
Type.—(*Melitta*) *Andrena tibialis* (KIRBY), 1802. (Original designation.)
Proposed as a subgenus of *Andrena* Fabricius.

Platandrena VIERECK.

Can. Ent., vol. 56, p. 21, 1924.
Type.—(*Andrena* *nasoni* ROBERTSON, 1895) = *Andrena vestita* PROVANCHER,
1888. (Monobasic and original designation.)
Proposed as a subgenus of *Andrena* Fabricius.

Platynopoda WESTWOOD (= *Audinetia* LEPELETIER).

In W. Jardine, Naturalist's Library, vol. 26, Entomology, vol. 6, Bees, p. 271,
1840. Two species.
Type.—(*Xylocopa* *latipes* FABRICIUS, 1804) = *Apis latipes* DRURY, 1773. (By
designation of Ashmead, Trans. Amer. Ent. Soc., vol. 26, p. 71, 1899.)
Proposed as a subgenus of *Xylocopa* Latreille.
Isogenotypic with *Audinetia* Lepeletier.
Synonym of *Xylocopa* Latreille, according to Dalla Torre, Catalogus Hyme-
nopteroorum, vol. 10, p. 202, 1896.

Plebeia SCHWARZ.

Bull. Amer. Mus. Nat. Hist., vol. 74, p. 480, 1933. Two species.
Type.—*Trigona mosquito* F. SMITH, 1863. (Original designation.)
Proposed as a subgenus of *Trigona* Jurine.

Plesianthidium CAMERON.

Trans. South African Philos. Soc., vol. 15, p. 256, 1905.
Type.—*Plesianthidium fulvopilosum* CAMERON, 1905. (Monobasic.)

Plesiopanurgus CAMERON.

Journ. Bombay Nat. Hist. Soc., vol. 18, p. 130, 1907.
Type.—*Plesiopanurgus cincarius* CAMERON, 1907. (Monobasic.)

(Plistotrichia MORAWITZ) = *Ancyla* LEPELETIER.

Horae Soc. Ent. Ross., vol. 10, p. 134, 1873.
Type.—(*Nomia* *flavilabris* LUCAS, 1846) = *Ancyla oraniensis* LEPELETIER, 1841.
(Monobasic.)

Isogenotypic with *Ancyla* through synonymy.

(Plusia HOFFMANNSEGG, not HÜBNER, 1806, not OCHSENHEIMER, 1816) = *Euglossa* LATREILLE.

Zool. Mag., vol. 1, p. 52, 1817.
Type.—*Plusia superba* HOFFMANNSEGG, 1817. (Monobasic.)
Plusia Hoffmannsegg is preoccupied, but since it was placed as a synonym
of *Euglossa* Latreille by Friese, Zeitschr. Syst. Hym. Dipt., vol. 4, p. 99,
1904, no new name is proposed to replace it.

Podalirius LATREILLE (=Anthophora LATREILLE).

Histoire naturelle de fourmis, pp. 415 and 429, 1802. Five species.

Type.—(*Apis pilipes* FABRICIUS, 1775)=*Apis accervorum* LINNAEUS, 1758.
(Autobasic with *Anthophora*.)

A proposal is before the International Commission to place *Anthophora* Latreille on the Official List of Generic Names. Approval would result in the suppression of *Podalirius* Latreille and *Lasius* Panzer, 1804.

(Podasys RAFINESQUE)=Dasypoda LATREILLE.

Analyse de la nature . . . , p. 123, 1815.

Type.—*Andrena hirtipes* FABRICIUS, 1793. (Autobasic.)

Proposed unnecessarily for *Dasypoda* Latreille.

Poecilandrena HEDICKE.

Mitt. Zool. Mus. Berlin, vol. 19, p. 218, 1933. Many species.

Type.—*Andrena labiata* FABRICIUS, 1781. (Original designation.)

Proposed as a subgenus of *Andrena* Fabricius.

Poecilobombus DALLA TORRE.

Ber. naturw.-med. Ver., Innsbruck, vol. 12, p. 23, 1882. Three species.

Type.—*Bombus sitkensis* NYLANDER, 1848. (Present designation.)

Proposed as a subgenus of *Bombus* Latreille.

Poecilocentris FRIESE.

Ann. Nat. Hofmus. Wien, vol. 15, p. 244, 1900. Six species.

Type.—*Centris (Poecilocentris) fasciatella* FRIESE, 1900. (Present designation.)

Proposed as a subgenus of *Centris* Fabricius.

Poecilomelitta FRIESE.

Deutsche Ent. Zeitschr., p. 574, 1913. Two species.

Type.—*Poecilomelitta flavida* FRIESE, 1913. (Present designation.)

Policana FRIESE.

Zool. Jahrb., Abt. Syst., Jena, vol. 29, p. 651, 1910. Three species.

Type.—*Colletes (Policana) herbsti* FRIESE, 1910. (Present designation.)

Proposed as a subgenus of *Colletes* Latreille.

Polybiapis COCKERELL.

Ent. News, vol. 27, p. 208, 1916. Two species.

Type.—*Polybiapis mimus* COCKERELL, 1916. (Original designation.)

Polyglossa FRIESE.

In Schultze, Zool. und anthropol. Ergebn. Forschungsreise Südafrika, vol. 2, p. 123, 1909. Four species.

Type.—*Polyglossa albitarsis* FRIESE, 1909. (Present designation.)

(Pomobombus KRÜGER)=Rhodobombus DALLA TORRE.

Ent. Mitt., vol. 6, p. 65, 1917. Two species.

Type.—(*Bremus*) *Bombus pomorum* (PANZER), 1804. (Present designation because of virtual tautonymy.)

Proposed as a subgenus of *Bombus* Latreille.

Isogenotypic with *Rhodobombus* Dalla Torre.

Pratobombus VOGT.

Sitz.-Ber. Ges. naturf. Freunde Berlin, p. 49, 1911. Eight species.

Type.—(*Apis*) *Bremus pratorum* (LINNAEUS), 1761. (By designation of Frison, Trans. Amer. Ent. Soc., vol. 53, p. 67, 1927.)

Proposed as a subgenus of *Bombus* Latreille.

Presbia SPINOLA.

Historia física y política de Chile . . . por Claudio Gay, Zool., vol. 6, p. 209, 1851.

Type.—*Halictus gayatinus* SPINOLA, 1851. (Monobasic.)

Pressibombus FRISON.

Rec. Indian Mus., vol. 37, p. 342, 1935.

Type.—*Bremus (Pressibombus) pressus* FRISON, 1935. (Monobasic and original designation.)

Proposed as a subgenus of *Bremus* Jurine.

Proanthidium FRIESE.

Die Bienen Europas, vol. 4, p. 101, 1898. Many species.

Type.—*Anthidium oblongatum* LATREILLE, 1809. (By designation of Cockerell, Ent. Rec., vol. 21, p. 269, 1909.)

Proposed as a subgenus of *Anthidium* Fabricius.

Prochelostoma ROBERTSON.

Trans. Amer. Ent. Soc., vol. 29, pp. 167 and 171, 1903.

Type.—*Heriades philadelphia* ROBERTSON, 1891. (Monobasic and original designation.)

Prodioxys FRIESE.

Stettin. Ent. Zeit., vol. 75, p. 221, 1914.

Type.—*Prodioxys cinnabarina* FRIESE, 1914. (Monobasic.)

(Prosapis ASHMEAD) for **Prosopis** FABRICIUS.

Psyche, vol. 7, p. 43, 1894.

Prosopalictus STRAND.

Suppl. Ent., No. 2, p. 26, 1913.

Type.—*Prosopalictus micans* STRAND, 1913. (Monobasic.)

(Prosopis JURINE) = **Prosopis** FABRICIUS, 1804.

Erlangen Litteratur-Zeitung, vol. 1, p. 164, 1801. Four species.

Type.—(*Sphex signata* PANZER, 1798) = *Mellinus bipunctatus* FABRICIUS, 1798. (By designation of Morice and Durrant, Trans. Ent. Soc. London, p. 416, 1915.)

Isogenotypic with *Prosopis* Fabricius and *Auricularia* Popov.

Suppressed through rejection of the "Erlangen List" (Opinion 135).

Prosopis FABRICIUS (= **Prosopis** JURINE, 1801; **Prosopis** JURINE, 1807; **Auricularia** POPOV, 1939, not BLAINVILLE, 1816, not DEFRANCE, 1816, not FABRICIUS, 1823, not MÜLLER, 1850).

Systema Piczatorum, p. 293, 1804. Fourteen species.

Type.—(*Sphex signata* PANZER, 1798) = *Mellinus bipunctatus* FABRICIUS, 1798. (By designation of Morice and Durrant, Trans. Ent. Soc. London, p. 416, 1914.)

Isogenotypic with *Prosopis* Jurine, 1807, and through synonymy with *Auricularia* Popov.

Prosopis Fabricius has been validated through suppression of the "Erlangen List" (Opinion 135) which included *Prosopis* Jurine, 1801.

Synonym of *Hylaeus* Fabricius, according to Morice and Durrant.

A proposal has been placed before the International Commission to add *Prosopis* Jurine, 1807, Nouvelle méthode de classer les hyménoptères et les diptères, with "*Sphex signator* Panzer, 1798" as genotype to the Official List of Generic Names. (See Science, vol. 83, p. 552, 1936.) This would result in the suppression of *Hylaeus* Fabricius and *Prosopis* Fabricius, 1804.

(**Prosopis JURINE**)=**Prosopis FABRICIUS**, 1804.

Nouvelle méthode de classer les hyménoptères et les diptères, p. 218, 1807.

Type.—(*Sphex signata* PANZER, 1798)=*Mellinus bipunctatus* FABRICIUS, 1798.

(By designation of Morice and Durrant, Trans. Ent. Soc. London, p. 416, 1914.)

Isogenotypic with *Prosopis* Fabricius and through synonymy with *Auricularia* Popov. A proposal has been placed before the International Commission to add *Prosopis* Jurine, 1807, Nouvelle méthode de classer les hyménoptères et les diptères, with "*Sphex signator* Panzer, 1798" as genotype to the Official List of Generic Names. (See Science, vol. 83, p. 552, 1936.) This would result in the suppression of *Hylaenus* Fabricius and *Prosopis* Fabricius, 1804.

Prosopisteron COCKERELL.

Entomologist, vol. 39, p. 17, 1906.

Type.—*Prosopisteron serotinelum* COCKERELL, 1906. (Monobasic.)

Prosopoides FRIESE.

Flora og Fauna Aarbog, p. 10, 1908.

Type.—(*Prosopoides paradoxus* FRIESE, 1908)=*Oedisclis prosopoides* DUCKE, 1907. (Monobasic.)

Synonym of *Oedisclis Philippi*, according to FRIESE, (loc. cit.) and to Ducke, Zool. Jahrb., Abt. Syst., Jena, vol. 34, p. 83, 1912.

Protandrena COCKERELL.

Ann. Mag. Nat. Hist., ser. 6, vol. 18, p. 91, 1896. Five species.

Can. Ent., vol. 28, p. 184, 1896. Five species.

Type.—*Andrena maurula* COCKERELL, 1896. (Present designation.)

Protandrenopsis CRAWFORD.

Can. Ent., vol. 35, p. 337, 1903.

Type.—*Protandrenopsis fuscipennis* CRAWFORD, 1903. (Monobasic and original designation.)

Synonym of *Pseudopanurgus* COCKERELL, according to Cockerell, Ann. Mag. Nat. Hist., ser. 7, vol. 14, p. 26, 1904.

Protanthidium COCKERELL AND COCKERELL.

Ann. Mag. Nat. Hist., ser. 7, vol. 7, p. 49, 1901.

Type.—*Megachile steloides* BINGHAM, 1896. (Monobasic and original designation.)

Synonym of *Paraanthidium* FRIESE, according to Mavromoustakis, Ann. Mag. Nat. Hist., ser. 10, vol. 19, p. 155, 1937; ser. 11, vol. 3, p. 90, 1939.

Protepeolus LINSLEY AND MICHENER.

Pan.-Pacific Ent., vol. 13, p. 75, 1937.

Type.—*Protepeolus singularis* LINSLEY AND MICHENER, 1937. (Monobasic and original designation.)

Proteraner ROBERTSON.

Ent. News, vol. 14, p. 103, 1903.

Type.—*Sphcodes ranunculi* ROBERTSON, 1897. (Monobasic.)

Proteriades TITUS.

Journ. New York Ent. Soc., vol. 12, p. 25, 1904.

Type.—*Heriades semirubra* COCKERELL, 1898. (Monobasic.)

Protoanthidium CAMERON.

Journ. Straits Branch, Roy. Asiatic Soc., vol. 37, p. 125, 1902. Three species.

Type.—*Protoanthidium rufobalteatum* CAMERON, 1902. (Present designation.)

Synonym of *Dianthidium* COCKERELL, according to Cockerell, Ann. Mag. Nat. Hist., ser. 9, vol. 9, p. 367, 1922.

Protobombus COCKERELL [fossil].

Schrift. phys.-ökon. Ges. Königsberg, Jahrg. 50, pp. 7 and 9, 1909.

Type.—*Protobombus indecisus* COCKERELL, 1909. (Monobasic and original designation.)

Protodiscelis BRËTHES.

Anal. Mus. Nac. Buenos Aires, vol. 19 (ser. 3, vol. 12), p. 245, 1909.

Type.—*Protodiscelis febrigi* BRËTHES, 1909. (Monobasic.)

Protomelecta COCKERELL [fossil].

Ann. Mag. Nat. Hist., ser. 8, vol. 1, p. 341, 1908.

Type.—*Protomelecta brevipennis* COCKERELL, 1908. (Monobasic.)

Protomelissa FRIESE.

Deutsche Ent. Zeitschr., p. 322, 1914. Two species.

Type.—*Protomelissa iridescens* FRIESE, 1914. (Present designation.)

Protomeliturga DUCKE.

Zool. Jahrb., Abt. Syst., Jena, vol. 34, pp. 63 and 90, 1912.

Type.—*Calliopsis turnerae* DUCKE, 1907. (Monobasic.)

Protosmia DUCKE.

Ber. naturw.-med. Ver., Innsbruck, vol. 25, p. 12, 1900. Ten species.

Type.—*Heriades glutinosus* GIRAUD, 1871. (Present designation.)

Proposed as a subgenus of *Osmia* Panzer.

Protostelis FRIESE.

Die Bienen Europas, vol. 1, p. 25, 1895. Four species.

Type.—*Stelis freygessneri* FRIESE, 1885. (By designation of Popov, Konowia, vol. 17, p. 41, 1938.)

Proposed as a subgenus of *Stelis* Panzer.

Synonym of *Stelis* Panzer, according to Popov, Trav. Inst. Zool. Acad. Sci.

U. R. S. S., vol. 1, p. 379, 1933.

Protoxaea COCKERELL and PORTER.

Ann. Mag. Nat. Hist., ser. 7, vol. 4, p. 410, 1899.

Type.—(*Megacilissa*) *Oxaea gloriosa* Fox, 1893. (Monobasic and original designation.)

Proxylcopa HEDICKE.

Deutsche Ent. Zeitschr., p. 192, 1938. Seven species.

Type.—*Xylcopa olivieri* LEPELETIER, 1841. (Original designation.)

Proposed as a subgenus of *Xylcopa* Latreille.

Psaenythia GERSTAECKER.

Arch. Naturg., vol. 34, p. 111, 1868. Ten species.

Type.—*Psaenythia philanthoides* GERSTAECKER, 1868. (Present designation.)

Pseudagapostemon SCHROITKY.

Rev. Mus. La Plata, vol. 16 (ser. 2, vol. 3), p. 145, 1909.

Type.—*Agapostemon arenarius* SCHROITKY, 1902. (Monobasic and original designation.)

Pseudapis W. F. KIRBY.

Bull. Liverpool Mus., vol. 3, p. 15, 1900 [reference not seen].

Type.—*Pseudapis anomala* W. F. KIRBY, 1900. (Monobasic.)

Genotype transferred to *Nomia* Latreille by Kohl, Denkschr. Kais. Akad. Wiss., vol. 71, p. 176, 1907.

Synonym of *Nomia* Latreille, according to Meade-Waldo, Ann. Mag. Nat. Hist., ser. 8, vol. 17, p. 454, 1916.

Pseudaugochloropsis SCHROTTKY.

Zeitschr. Syst. Hym. Dipt., vol. 6, p. 313, 1906. Two species.

Type.—*Augochloropsis sthena* SCHROTTKY, 1906. (Present designation.)

Halictus nigromarginatus Spinola, 1851, designated by Schrottky, Deutsche Ent. Zeitschr., p. 482, 1909, was not originally included.

Proposed as a subgenus of *Augochloropsis* Cockerell.

Pseudepeolus HOLMBERG.

Anal. Soc. Cient. Argentina, vol. 22, p. 234, 1886.

Type.—*Pseudepeolus fasciatus* HOLMBERG, 1886. (Monobasic.)

Pseudhylaenus COCKERELL.

Mem. Queensland Mus., vol. 9, p. 299, 1929. Two species.

Type.—*Euryglossa albocuneata* COCKERELL, 1913. (Original designation.)

Pseudiscelis FRIESE.

Zeitschr. Syst. Hym. Dipt., vol. 6, p. 228, 1906.

Type.—*Oediscelis (Pseudiscelis) rostrata* FRIESE, 1906. (Monobasic.)

Proposed as a subgenus of *Oediscelis* Philippi.

Pseudoanthidium FRIESE.

Die Bienen Europas, vol. 4, p. 101, 1898. Five species.

Type.—*Anthidium alpinum* MORAWITZ, 1873. (Present designation.)

Proposed as a subgenus of *Anthidium* Fabricius.

Pseudobranchiata MÉHELY.

Naturgeschichte der Urbienen, pp. 33 and 139, 1935. Two species.

Proposed as a subgenus of *Prosopis* Fabricius but invalid under Article 25c of the International Rules of Zoological Nomenclature, since no genotype was designated.

(**Pseudobranchiata** POPOV) = **Koptogaster** ALFKEN.

Compt. Rend. (Doklady) Acad. Sci. U. R. S. S., new ser., vol. 25, p. 168, 1939.

Type.—*Prosopis bifasciata* JURINE, 1807. (Monobasic and original designation.)

Isogenotypic with *Koptogaster* Alfken.

Pseudobranchiata was first proposed by Méhely, Naturgeschichte der Urbienen, pp. 33 and 139, 1935, as a subgenus of *Prosopis* Fabricius to include two species, but according to Article 25c it has no validity from that date, since no genotype was designated.

Pseudocentron MITCHELL.

Trans. Amer. Ent. Soc., vol. 59, pp. 303, 305, 307, and 311, 1934. Eighteen species.

Type.—*Megachile pruina* F. SMITH, 1853. (Original designation.)

Proposed as a subgenus of *Megachile* LATREILLE.

Pseudocilissa RADOSZKOWSKI.

Horae Soc. Ent. Ross., vol. 25, p. 241, 1891.

Type.—*Cilissa robusta* RADOSZKOWSKI, 1876. (Monobasic.)

Synonym of *Melitta* Kirby, according to Dalla Torre, Catalogus Hymenopterorum, vol. 10, p. 187, 1896.

(**Pseudocosmia** RADOSZKOWSKI) for **Pseudosmia** RADOSZKOWSKI.

Horae Soc. Ent. Ross., vol. 20, p. 14, 1886.

Pseudodichroa BISCHOFF.

Deutsche Ent. Zeitschr., p. 595, 1923. Two species.

Type.—*Omachtes capensis* FRIESE, 1915. (Present designation.)

Pseudomegachile FRIESE (=Pseudomegalochila SCHULZ).

Term. Fuz., vol. 21, p. 198, 1898. No species.

Die Bienen Europas, vol. 5, p. 36, 1899. Twenty-nine species.

Type.—*Megachile cricetorum* LEPELETIER, 1841. (By designation of Alfken, Konowia, vol. 12, p. 55, 1933.)

Proposed as a subgenus of *Megachile* Latreille.

(Pseudomegalochila SCHULTZ) for Pseudomegachile FRIESE.

Spolia Hymenopterologica, p. 71, 1906.

Pseudomelecta RADOSZKOWSKI.

Horae Soc. Ent. Ross., vol. 3, p. 55, 1865. Two species.

Type.—*Melecta diacantha* EVERSMAAN, 1852. (Present designation.)

Synonym of *Melecta* Latreille, according to Dalla Torre, Catalogus Hymenopterorum, vol. 10, p. 313, 1896.

(Pseudo-osmia RADOSZKOWSKI) for Pseudosmia RADOSZKOWSKI.

Bull. Soc. Imper. Nat. Moscou, vol. 46, pt. 2, p. 137, 1873; vol. 48, pt. 1, p. 152, 1874.

Pseudopanurgus COCKERELL.

Can. Ent., vol. 29, p. 290, 1897. Two species.

Type.—*Panurgus aethiops* CRESSON, 1872. (Original designation.)

Pseudopasites BISCHOFF.

Deutsche Ent. Zeitschr., p. 593, 1923. Four species.

Type.—*Pasites pygmaeus* FRIESE, 1923. (Present designation.)

Proposed as a subgenus of *Sphexodopsis* Bischoff.

Pseudosmia RADOSZKOWSKI (=Pseudo-osmia, and Pseudocosmia RADOSZKOWSKI).

Horae Soc. Ent. Ross., vol. 8, bull. p. xviii, 1871 (1872). No species.

Bull. Soc. Imper. Nat. Moscou, vol. 48, pt. 1, p. 152, 1874. Nine species.

Type.—*Megachile cristata* FONSCOLOMBE, 1846. (By designation of Cockerell, Amer. Mus. Novit., No. 40, p. 6, 1922.)

Synonym of *Anthocopa* Lepeletier and Serville, according to Cockerell (*l. c.*).

Psithyrus LEPELETIER (=Apathus NEWMAN).

Ann. Soc. Ent. France, vol. 1, p. 373, 1832. Nineteen species.

Type.—*Apis rupestris* FABRICIUS, 1793. (By designation of Curtis, Brit. Ent., vol. 10, pl. 468, 1833.)

Pterandrena ROBERTSON.

Trans. Amer. Ent. Soc., vol. 28, pp. 187 and 193, 1902. Eight species.

Type.—*Andrena pulchella* ROBERTSON, 1893. (Original designation.)

Ptilandrena ROBERTSON.

Trans. Amer. Ent. Soc., vol. 28, pp. 187 and 192, 1902. Two species.

Type.—*Andrena crigeniae* ROBERTSON, 1891. (Original designation.)

Ptiloglossa F. SMITH.

Catalogue of hymenopterous insects . . . British Museum, pt. 1, p. 7, 1853.

Type.—*Ptiloglossa ducalis* F. SMITH, 1853. (Monobasic.)

Synonym of *Caupolicana Spinola*, according to Vachal, Rev. d'Ent. France, p. 34, 1909, and Ducek, Zool. Jahrb., Abt. Syst., Jena, vol. 34, p. 82, 1912.

Ptilopoda FRIESE.

Stettin. Ent. Zeit., vol. 82, p. 83, 1921.

Type.—(*Colletes (Ptilopoda) maculipennis* FRIESE, 1921) = *Colletes spilopectra* COCKERELL, 1917. (Monobasic.)

Proposed as a subgenus of *Colletes* Latreille.

Ptilothrix F. SMITH (= *Ptilothryx* MARSCHALL; *Energoponus* HOLMBERG).

Catalogue of hymenopterous insects . . . British Museum, pt. 1, p. 131, 1853.

Type.—*Ptilothrix plumatus* F. SMITH, 1853. (Monobasic.)

Isogenotypic with *Energoponus* Holmberg through synonymy.

(**Ptilothryx** MARSCHALL) for **Ptilothrix** F. SMITH.

Nomenclator Zoologicus, p. 269, 1873.

Ptilotopus KLUG.

Mag. Ges. naturf. Freunde Berlin, vol. 4, p. 31, 1810.

Type.—*Ptilotopus americanorum* KLUG, 1810. (Monobasic.)

As *Ptilotopus* (l. c., p. 45).

Synonym of *Centris* Fabricius, according to Latreille, in Cuvier, Règne Animal (new ed.), vol. 5, p. 356, 1829, and Dalla Torre, Catalogus Hymenopterorum, vol. 10, p. 302, 1896.

(**Ptoleglossa** FRIESE) = **Orphana** VACHAL.

Stettin. Ent. Zeit., vol. 91, p. 127, 1930.

Type.—(*Leptoglossa paradoxa* FRIESE, 1925) = *Orphana inquirenda* VACHAL, 1909. (Autobasic.)

Proposed for *Leptoglossa* Friese, 1925, not Klug, 1839, which is isogenotypic with *Orphana* Vachal.

Puncticolletes NOSKIEWICZ.

Die palaarktischen Colletes-arten, pp. 26 and 490, 1936.

Proposed as a subgenus of *Colletes* Latreille to include three species but without an original genotype designation and therefore invalid under Article 25c.

Pyrobombus DALLA TORRE (= *Pyrrhobombus* DALLA TORRE).

Die Naturhistoriker, vol. 2, p. 40, 1880.

Type.—(*Apis*) *Bombus hypnorum* (LINNAEUS), 1758. (Monobasic.)

Proposed as a subgenus of *Bombus* Latreille.

(**Pyrrhobombus** DALLA TORRE) for **Pyrobombus** DALLA TORRE.

Ber. naturw.-med. Ver., Innsbruck, vol. 12, p. 28, 1882.

Pyrrhomelecta ASHMEAD.

Trans. Amer. Ent. Soc., vol. 26, p. 66, 1899.

Type.—*Epeolus glabratus* CRESSON, 1878. (Monobasic and original designation.)

(**Raphidostoma** COCKERELL) = **Chelostomopsis** COCKERELL.

Pac.-Pacific Ent., vol. 12, p. 133, 1936.

Type.—(*Raphidostoma ceanothi* COCKERELL, 1936) = (*Chelynia*) *Chelostomopsis rubifloris* (COCKERELL), 1898. (Monobasic and original designation.)

Isogenotypic with *Chelostomopsis* Cockerell through synonymy.

Rediviva FRIESE.

Zool. Jahrb., Abt. Syst., Jena, vol. 30, p. 671, 1911. Three species.

Type.—(*Andrena*) *Rediviva pringucyi* (FRIESE), 1911. (By designation of Cockerell, Ann. Mag. Nat. Hist., ser. 10, vol. 8, p. 402, 1931.)

Proposed as a subgenus of *Andrena* Fabricius.

Reepenia FRIESE.

Ann. Hist.-Nat. Mus. Hungarici, vol. 7, pp. 191 and 205, 1909.

Type.—*Nomia* (*Reepenia*) *variabilis* FRIESE, 1909. (Monobasic.)

Proposed as a subgenus of *Nomia* Latreille.

Rhathymus LEPELETIER AND SERVILLE (= *Colax* LEPELETIER, "inedit," 1825, not HÜBNER, 1819, not WIEDEMANN, 1824; *Liogastra* PERTY).

Encycl. Méthod., Hist. Nat., Ins., vol. 10, p. 448, 1828.

Type.—*Rhathymus bicolor* LEPELETIER AND SERVILLE, 1828. (Monobasic.)

[No species was included in *Colax*.]

Isogenotypic with *Liogastra* Perty through synonymy.

(Rhineta KLUG)=Biastes PANZER.

Magazin für Insektenkunde, vol. 6, p. 198, 1807.

Type.—(*Nomada schottii* FABRICIUS, 1804)=*Tiphia brevicornis* PANZER, 1798.
(Monobasic.)

Isogenotypic with *Biastes* Panzer through synonymy.

Rhinetula FRIESE.

Zool. Jahrb., Abt. Syst., Jena, vol. 45, p. 581, 1922. Six species.

Type.—*Rhinetula denticrus* FRIESE, 1922. (Present designation.)

Rhinochaetula FRIESE.

Arch. Naturg., Jahrg. 78, Abt. A, Heft 5, p. 185, 1912. Three species.

Type.—*Capicola* (*Rhinochaetula*) *cinctiventris* FRIESE, 1912. (By designation of Cockerell, Ann. Mag. Nat. Hist., ser. 8, vol. 15, p. 343, 1915.)

Proposed as a subgenus of *Capicola* Friese.

Rhinocolletes COCKERELL.

Entomologist, vol. 43, p. 242, 1910.

Type.—*Colletes nasutus* F. SMITH, 1853. (Monobasic.)

Proposed as a subgenus of *Colletes* Latreille.

Rhinocorynura SCHROTKY.

Rev. Mus. La Plata, vol. 16 (ser. 2, vol. 3), p. 147, 1909.

Type.—"*Haliectus* (*Corynura* vel *Corynuropsis*) *inflaticeps*" DUCKE, 1907.
(Monobasic and original designation.)

Rhodanthidium ISENSEE.

Ann. Carnegie Mus., vol. 17, pp. 372 and 374, 1927.

Type.—*Anthidium siculum* SPINOLA, 1838. (Monobasic and original designation.)

Proposed as a subgenus of *Dianthidium* Cockerell.

Rhodobombus DALLA TORRE (=Pomobombus KRÜGER).

Die Naturhistoriker, vol. 2, p. 40, 1880. Three species.

Type.—(*Bremus*) *Bombus pomorum* (PANZER), 1804. (Present designation.)

Proposed as a subgenus of *Bombus* LATREILLE.

Isogenotypic with *Pomobombus* KRÜGER.

(Rhodocentris FRIESE)=Heterocentris COCKERELL.

Ann. Nat. Hofmus. Wien, vol. 15, p. 242, 1900. Thirty-seven species.

Type.—(*Centris cornuta* CRESSON, 1865)=*Centris difformis* F. SMITH, 1854.
(Present designation.)

Proposed as a subgenus of *Centris* Fabricius.

Isogenotypic with *Heterocentris* Cockerell.

Rhopalictus SICHEL.

Novara Expedition, Zoologischer Theil, vol. 2, Hymenoptera, Fossoria et Mellifera, Suppl., p. 146, 1867. Three species.

Type.—*Haliectus* (*Corynura*) *flavofasciatus* SPINOLA, 1851. (Present designation.)

Synonym of *Corynura* Spinola, according to Dalla Torre, Catalogus hymenopterorum, vol. 10, p. 92, 1896.

Rhopalomelissa ALFKEN.

Treubia, vol. 7, p. 267, 1926. Three species.

Type.—*Rhopalomelissa xanthogaster* ALFKEN, 1926. (Present designation.)

(Rhopites DALLA TORRE) for Rophites SPINOLA.

Catalogus hymenopterorum, vol. 10, p. 175, 1896.

Rhophitoides SCHENCK.

Jahrb. Ver. Naturk. Herzogthum Nassau, Heft 14, pp. 29, 69, 171 and 207, 1859. Two species.

Type.—(*Rhophitoides distinguendus* SCHENCK, 1859)=*Rhophites canus* Eversmann, 1852. (Monobasic.)

Synonym of *Rophites* Spinola, according to Dalla Torre, Catalogus hymenopterorum, vol. 10, p. 175, 1896.

Rhophitululus DUCKE.

Zeitschr. Syst. Hym. Dipt., vol. 7, p. 366, 1907. Two species.

Type.—*Rhophitululus friesci* [*friesci*] DUCKE, 1907. (Present designation.)

Rivalisia STRAND.

Arch. Naturg., Jahrg. 87, Abt. A, Heft 3, p. 270, 1921.

Type.—*Rivalisia metallica* STRAND, 1921. (Monobasic.)

Probably is *Augochlora* F. SMITH, according to Blüthgen, Deutsche Ent. Zeitschr., p. 72, 1923.

Robertsonella TITUS.

Journ. New York Ent. Soc., vol. 12, p. 22, 1904.

Type.—(*Robertsonella gleasoni* TITUS, 1904)=(*Heriades*) *Robertsonella simplex* (CRESSON), 1864. (Monobasic and original designation.)

Robustobombus SKORIKOV.

Bull. Sta. Région. Protect. Plantes Petrograd, vol. 4, p. 157, 1922. Five species.

Type.—(*Bombus*) *Alpigenobombus* (*Robustobombus*) *robustus* (F. SMITH), 1854. (Present designation because of virtual tautonymy.)

Proposed as a subgenus of *Alpigenobombus* Skorikov.

Rophites SPINOLA (= **Rhophites** DALLA TORRE).

Insectorum Liguria species novae et rariores . . ., vol. 2, pp. 8 and 72, 1808.

Type.—*Rophites quinquespino* SPINOLA, 1808. (Monobasic.)

Rostratilapis FRIESE.

Tijd. Ent., vol. 57, p. 26, 1914. Two species.

Type.—*Halictus* (*Rostratilapis*) *macrognathus* FRIESE, 1914. (Present designation.)

Proposed as a subgenus of *Halictus* Latreille.

Rubicundobombus SKORIKOV.

Bull. Sta. Région. Protect. Plantes Petrograd, vol. 4, p. 154, 1922. Two species.

Type.—(*Bombus*) *Fervidobombus* (*Rubicundobombus*) *rubicundus* (F. SMITH), 1854. (Present designation because of virtual tautonymy.)

Proposed as a subgenus of *Fervidobombus* Skorikov.

Rufipedibombus SKORIKOV.

Bull. Sta. Région. Protect. Plantes Petrograd, vol. 4, p. 156, 1922.

Type.—(*Bombus*) *Rufipedibombus rufipes* (LEPELETIER), 1836. (Monobasic.)

Sabulicola VERHOEFF.

Ent. Nachr., vol. 16, pp. 328 and 336, 1890.

Type.—*Sabulicola cirsii* VERHOEFF, 1890. (Monobasic.)

Synonym of *Sphcodes* Latreille, according to Dalla Torre, Catalogus Hymenopterorum, vol. 10, p. 1, 1896.

Samba FRIESE.

Deutsche Ent. Zeitschr., p. 568, 1908.

Type.—*Samba calcarata* FRIESE, 1908. (Monobasic.)

Sarogaster ROBERTSON (=Gnathodon ROBERTSON, 1903, not OKEN, 1816, not SOWERBY, 1832, not STREUBEL, 1842, not JARDINE, 1845).

Ent. News, vol. 29, p. 92, 1918.

Type.—*Megachile georgica* CRESSON, 1878. (Autobasic.)

Synonym of *Chelostomoides* Robertson, according to Mitchell, Trans. Amer. Ent. Soc., vol. 59, p. 298, 1934.

(Saropoda LATREILLE) = **Heliophila** KLUG.

Genera crustaceorum et insectorum . . ., vol. 4, p. 177, 1809.

Type.—*Apis bimaculata* PANZER, 1798. (Autobasic.)

Proposed unnecessarily for *Heliophila* Klug, 1807, not *Heliophilus* Meigen, 1803.

Sarotes KLUG, nomen nudum.

Magazine für Insektenkunde, vol. 6, p. 198, 1807.

Sayapis TITUS (=Gnathocera PROVANCHER, 1882, not KIRBY, 1825; Ceratias ROBERTSON, 1903, not KROYER, 1845).

Proc. Ent. Soc. Washington, vol. 7, p. 154, 1905.

Type.—*Megachile pugnatus* SAY, 1837. (Autobasic.)

Scaura SCHWARZ.

Bull. Amer. Mus. Nat. Hist., vol. 74, p. 479, 1938.

Type.—*Trigona latitarsis* FRIESE, 1900. (Monobasic and original designation.)

Proposed as a subgenus of *Trigona* Jurine.

Schizandrena HEDICKE.

Mitt. Zool. Mus. Berlin, vol. 19, p. 218, 1933. Four species.

Type.—*Andrena aulica* MORAWITZ, 1876. (Original designation.)

Proposed as a subgenus of *Andrena* Fabricius.

Schmiedeknechtia FRIESE.

Term. Fuz., vol. 19, p. 277, 1896.

Type.—*Schmiedeknechtia oranicensis* FRIESE, 1896. (Monobasic.)

Schönherria LEPELETIER.

Histoire naturelle des insectes. Hyménoptères, vol. 2, p. 207, 1841. Six species.

Type.—*Xylocopa* (*Schönherria*) *micans* LEPELETIER, 1841. (Present designation.)

Proposed as a subgenus of *Xylocopa* Latreille.

Synonym of *Xylocopa* Latreille according to Dalla Torre, Catalogus hymenopterorum, vol. 10, p. 202, 1896, and Ashmead, Trans. Amer. Ent. Soc., vol. 26, p. 71, 1899.

(Schrottkeya FRIESE) = **Lanthanomelissa** HOLMBERG.

Zeitschr. Syst. Hym. Dipt., vol. 8, p. 170, 1908. No species.

Flora og Fauna Aarbog, vol. 10, p. 58, 1908. One species.

Type.—*Tetrapedia goeldiana* FRIESE, 1899. (First species included.)

Proposed as a subgenus of *Tetrapedia* Klug.

Isogenotypic with *Lanthanomelissa* Holmberg through synonymy.

Synonym of *Anthophorula* Cockerell, according to Schrottkey, Deutsche Ent. Zeitschr., p. 795, 1909.

(Scirtetica HOLMBERG, not SAUSSURE, 1884) = **Alloscirtetica** HOLMBERG.

Anal. Mus. Buenos Aires, ser. 3, vol. 2, p. 389, 1903.

Type.—*Scirtetica antarctica* HOLMBERG, 1903. (Monobasic.)

Scapter LEPELETIER AND SERVILLE.

Encycl. Méthod., Hist. Nat. Ins., vol. 10, p. 403, 1828. Four species.

Type.—*Scapter bicolor* LEPELETIER AND SERVILLE, 1828. (By designation of Vachal, Bull. Soc. Ent. France, p. 63, 1897.) *Scapter brullei* Lepeletier, 1841, designated by Ashmead, Trans. Amer. Ent. Soc., vol. 26, p. 84, 1899, was not originally included. (*Andrena*) *Scapter lagopus* (Latreille), 1809, designated by Cockerell, Ann. Durban Mus., vol. 2, p. 254, 1930.

Synonym of *Macropis* Panzer, according to Dalla Torre, Catalogus Hymenopterorum, vol. 10, p. 193, 1896.

Scapteroides GRIBODO.

Bull. Soc. Ent. Italiana, vol. 26, p. 112, 1894.

Type.—(*Scapteroides difformis* GRIBODO 1894) = (*Andrena*?) *Panurginus albopilosus* (Lucas), 1846. (Monobasic.)

Synonym of *Panurginus* Nylander, according to Cockerell, Trans. Amer. Ent. Soc., vol. 29, p. 187, 1903.

Scapteropsis VIERECK.

Occas. Papers Boston Soc. Nat. Hist., vol. 5, p. 42, 1922.

Type.—*Andrena (Scapteropsis) fenningeri* VIERECK, 1922. (Monobasic.)

Proposed as a subgenus of *Andrena* Fabricius.

Seladonia ROBERTSON.

Ent. News, vol. 29, p. 91, 1918. Three species.

Type.—(*Apis*) *Halictus seladonius* (FABRICIUS), 1794. (Original designation.)

Senexibombus FRISON.

Treubia, vol. 12, p. 3, 1930. Two species.

Type.—*Bombus senex* VOLLENHOVEN, 1873. (Original designation.)

Proposed as a subgenus of *Bremus* Jurine.

Separatobombus FRISON.

Trans. Amer. Ent. Soc., vol. 53, p. 64, 1927. Two species.

Type.—(*Bombus*) *Bremus separatus* (CRESSON), 1863) = *Apis griseocollis* Degeer, 1773. (Original designation.)

Proposed as a subgenus of *Bremus* Jurine.

(*Serapis* F. SMITH, not LINK, 1830) = *Serapista* COCKERELL.

Catalogue of hymenopterous insects . . . British Museum, pt. 2, p. 218, 1854.

Type.—*Serapis denticulatus* F. SMITH, 1854. (Monobasic.)

Serapista COCKERELL (= *Serapis* F. SMITH, 1854, not LINK, 1830.)

Can. Ent., vol. 36, p. 357, 1904.

Type.—*Serapis denticulatus* F. SMITH, 1854. (Autobasic.)

Sibircobombus VOGT.

Sitz-Ber. Ges. naturf. Freunde Berlin, p. 60, 1911. Six species.

Type.—(*Apis*) *Bombus sibiricus* (FABRICIUS), 1781. (Present designation because of virtual tautonymy.)

Proposed as a subgenus of *Bombus* Latreille.

Simandrena PÉREZ.

Actes Soc. Linn. Bordeaux, vol. 44, p. 174, 1890. Many species.

Type.—*Andrena propinqua* SCHENCK, 1853. (By designation of Hedicke, Mitt. Zool. Mus. Berlin, vol. 19, p. 218, 1933.)

Proposed as a subgenus of *Andrena* Fabricius.

(*Smithia* VACHAL, not MILNE-EDWARDS, 1851, not SAUSSURE, 1855, not MABILLE, 1880, not MALTZAN, 1883, not MONTEROSATO, 1884) = *Melittosmithia* SCHULZ. Bull. Soc. Ent. France, p. 63, 1897. No species.
Cockerell, Ann. Mag. Nat. Hist., ser. 8, vol. 6, p. 358, 1910. Two species.
Type.—*Scapter carinata* F. SMITH, 1862. (By designation of Cockerell (l. c.))

Solenopalpa PÉREZ.

Actes Soc. Linn. Bordeaux, vol. 52, p. lxxvii, 1897.

Type.—*Solenopalpa fertoni* PÉREZ, 1897. (Monobasic.)

Sophrobombus COCKERELL [fossil].

Schrift. phys.-ökon. Ges. Königsberg, Jahrg. 50, p. 21, 1909.

Type.—*Sophrobombus fatalis* COCKERELL, 1909. (Monobasic.)

(*Soroceensibombus* VOGT) = *Kallobombus* DALLA TORRE.

Sitz.-Ber. Ges. naturf. Freunde Berlin, p. 63, 1911.

Type.—(*Apis*) *Bombus soroceensis* (FABRICIUS), 1776. (Monobasic)

Proposed as a subgenus of *Bombus* Latreille.

Isogenotypic with *Kallobombus* Dalla Torre.

(*Spatularia* MÉHELY), not VAN DEVENTER, 1904.

Naturgeschichte der Urbiene, pp. 69 and 175, 1935. Two species.

Proposed as a subgenus of *Prosopis* FABRICIUS, but invalid under Article 25c of the International Rules of Zoological Nomenclature, since no genotype was designated.

Spatulariella POROV.

Compt. Rend. (Doklady) Acad. Sci. U. R. S. S., new ser. vol. 25, p. 169, 1939.

Proposed as a subgenus of *Prosopis* Fabricius to replace *Spatularia* Méhely, 1935 (not van Deventer, 1904) which is invalid.

Type.—(*Hylaeus*) *Prosopis hyalinata* (F. SMITH), 1842. (Monobasic and original designation.)

Spaturalia was proposed by Méhely, Naturgeschichte der Urbiene, pp. 69 and 175, 1935, as a subgenus of *Prosopis* Fabricius to include two species, but under Article 25c it has no validity from that date, since no genotype was designated.

Sphaerhylaesus COCKERELL.

Rec. Australian Mus., vol. 17, p. 217, 1929.

Type.—*Gnathoprosopis* (*Sphaerhylaesus*) *globulifera* COCKERELL, 1929. (Monobasic.)

Proposed as a subgenus of *Gnathoprosopis* Perkins.

Sphcodes LATREILLE (= *Dichroa* ILLIGER).

Nouv. Dict. Hist. Nat., vol. 24, p. 182, 1804.

Type.—(*Nomada*) *gibba* FABRICIUS, 1804) = *Sphex gibba* LINNAEUS, 1758. (Monobasic.)

Isogenotypic with *Dichroa* Illiger.

Sphcodium ROBERTSON.

Ent. News, vol. 14, p. 104, 1903. Four species.

Type.—*Sphcodium cressonii* ROBERTSON, 1903. (Original designation.)

Sphcogastra ASHMEAD.

Trans. Amer. Ent. Soc., vol. 26, p. 92, 1899.

Type.—(*Sphcodes*) *Parasphcodes texana* (CRESSON), 1872. (Monobasic and original designation.)

Sphcodopsis BISCHOFF.

Deutsche Ent. Zeitschr., p. 593, 1923. Two species.

Type.—*Omactes capicola* STRAND, 1911. (Original designation.)

Sphecodosoma CRAWFORD.

Journ. New York Ent. Soc., vol. 15, p. 182, 1907.

Type.—*Sphecodosoma pratti* CRAWFORD, 1907. (Monobasic and original designation.)

(**Sphecephala** ASHMEAD) for **Sphegocephala** SAUSSURE.

Trans. Amer. Ent. Soc., vol. 26, p. 89, 1899.

Sphegocephala SAUSSURE (=Sphecephala ASHMEAD).

In Grandidier, Hist. Nat. Madagascar, vol. 20, Hymen., pt. 1, p. 74, 1890.

Type.—*Sphegocephala philanthoides* SAUSSURE, 1890. (Monobasic.)

Spinoliella ASHMEAD.

Trans. Amer. Ent. Soc., vol. 26, p. 84, 1899.

Type.—(*Camptopocum nomioides* [sic!] SPINOLA) = *Camptopocum nomadoides* SPINOLA, 1851. (Monobasic and original designation.)

Steganomus RITSEMA.

Tijd. Ent., vol. 16 (ser. 2, vol. 8), pp. 63 and 224, 1873.

Type.—*Steganomus javanus* RITSEMA, 1873. (Monobasic.)

Stelidium ROBERTSON.

Can. Ent., vol. 24, p. 323, 1902.

Type.—*Stelidium trypetinum* ROBERTSON, 1902. (Monobasic and original designation.)

Stelidomorpha MORAWITZ.

Imp. Obshch. . . Moskva, vol. 19, p. 131, 1875.

Type.—*Anthidium nasutum* LATREILLE, 1809. (Monobasic.)

Stelis PANZER (=Gyrodroma KLUG; Gymnus SPINOLA; Ceraplastes GISTEL.)

Kritische Revision der Insektenfauna Deutschlands . . ., vol. 2, p. 246, 1806.

Type.—(*Apis aterrima* PANZER, 1798, not CHRIST, 1791) = *Apis punctulatissima* KIRBY, 1802. (Monobasic.)

Isogenotypic with *Gyrodroma* Klug, *Gymnus* Spinola, and *Ceraplastes* Gistel.

Trachusa Jurine, 1801, also isogenotypic with *Stelis*, has been invalidated by Opinion 135 of the International Commission of Zoological Nomenclature.

Stellenigris MEUNIER.

Naturalista Siciliano, vol. 7, p. 152, 1888.

Type.—*Stellenigris vandereldii* MEUNIER, 1888. (Monobasic.)

Stenocolletes SCHROTKY.

Anal. Soc. Cient. Argentina, vol. 68, p. 253, 1909.

Type.—*Stenocolletes pictus* SCHROTKY, 1909. (Monobasic and original designation.)

Stenosmia MICHENER.

Amer. Midland Nat., vol. 26, p. 165, 1941.

Type.—*Osmia flavicornis* MORAWITZ, 1878. (Monobasic and original designation.)

Stenotritus F. SMITH.

Catalogue of hymenopterous insects . . . British Museum, pt. 1, p. 119, 1853.

Type.—*Stenotritus elegans* F. SMITH, 1853. (Monobasic.)

Stictonomia CAMERON.

Rec. Albany Mus., vol. 1, p. 192, 1905.

Type.—*Stictonomia punctata* CAMERON, 1905. (Monobasic.)

Stilpnosoma F. SMITH.

Descriptions of new species of Hymenoptera . . . British Museum, p. 16, 1879.

Type.—*Stilpnosoma laevigatum* F. SMITH, 1879. (Monobasic.)

Strandiella FRIESE.

Arch. Naturg., Jahrg. 78, Abt. A, Heft 5, p. 18, 1912. Six species.

Type.—*Strandiella longula* FRIESE, 1912. (By designation of Cockerell, Ann. Mag. Nat. Hist., ser. 8, vol. 17, p. 430, 1916.)

Synonym of *Scrapter* LEPELETIER AND SERVILLE, according to Cockerell, Entomologist, vol. 65, p. 10, 1932.

Subterraneobombus Vogt.

Sitz-Ber. Ges. naturf. Freunde Berlin, p. 62, 1911. Three species.

Type.—(*Apis*) *Bremus subterraneus* (LINNAEUS), 1758. (By designation of Frison, Trans. Amer. Ent. Soc., vol. 53, p. 68, 1927.)

Proposed as a subgenus of *Bombus* Latreille.

Sudila CAMERON (=Ceylonicola FRIESE).

Mem. Proc. Manchester Lit. Philos. Soc., vol. 42, p. 52, 1898. Three species.

Type.—*Sudila bidentata* CAMERON, 1898. (Present designation.)

Isogenotypic with *Ceylonicola* Friese through synonymy.

(Sulcobombus KRÜGER)=Confusibombus BALL.

Ent. Mitt., vol. 6, p. 65, 1917. Two species.

Type.—*Bombus confusus* SCHENCK, 1859. (Present designation.)

Proposed as a subgenus of *Bombus* Latreille.

Isogenotypic with *Confusibombus* Ball.

Svastra HOLMBERG.

Actas Acad. Nac. Cienc. Córdoba, vol. 5, p. 127, 1884. Two species.

Type.—*Svastra bombilans* HOLMBERG, 1884. (Present designation.)

(Symmorpha KLUG)=Melecta LATREILLE.

Magazin für Insektenkunde, vol. 6, pp. 198 and 227, 1807.

Type.—(*Apis*) *Centris punctata* (FABRICIUS), 1775. (Monobasic.)

Isogenotypic with *Melecta* Latreille.

Synapis COCKERELL [fossil].

Entomologist, vol. 40, p. 229, 1907.

Type.—*Apis (Synapis) henshawi* COCKERELL, 1907. (Monobasic.)

Proposed as a subgenus of *Apis* Linnaeus.

Synepeolus COCKERELL.

Amer. Mus. Novitates, no. 23, p. 6, 1921.

Type.—*Tricpeolus (Synepcolus) insolitus* COCKERELL, 1921. (Monobasic.)

Proposed as a subgenus of *Tricpeolus* Robertson.

Synhalonia PATTON.

Bull. U. S. Geol. Surv. Terr., vol. 5, p. 473, 1879. Eight species.

Type.—*Melissodes fulvitaris* CRESSON, 1878. (Original designation.)

Synonym of *Tetralonia* Spinola, according to Ducke, Zool. Jahrb., Abt.

Syst., Jena, vol. 34, p. 96, 1912; and Lutz and Cockerell, Bull. Amer. Mus.

Nat. Hist., vol. 42, p. 615, 1920.

Systropha ILLIGER.

Magazin für Insektenkunde, vol. 5, p. 145, 1805 [1806].

Type.—(*Andrena spiralis* OLIVIER, 1789)=*Eucera curvicornis* SCOPOLI, 1770. (Monobasic)

Systrophidia COCKERELL

Ann. Mag. Nat. Hist., ser. 10, vol. 17, p. 477, 1936.

Type.—*Systropha (Systrophidia) ogilviei* COCKERELL, 1936. (Monobasic.)

Proposed as a subgenus of *Systropha* Illiger.

Taeniandrena HEDICKE.

Mitt. Zool. Mus. Berlin, vol. 19, p. 219, 1933. Twenty-two species.

Type.—(*Melitta*) *Andrena ovatula* (KIRBY), 1802. (Original designation.)

Proposed as a subgenus of *Andrena* Fabricius.

Tanguticobombus PITTIONI.

Zool. Anz., vol. 126, p. 201, 1939.

Type.—*Bombus tanguticus* MORAWITZ, 1886. (Monobasic and original designation.)

Proposed as a subgenus of *Bombus* Latreille.

(**Tapinotapsis** HOLMBERG, nomen nudum) = **Tapinotaspis** HOLMBERG.

Bol. Acad. Nac. Cienc. Córdoba, vol. 10, p. 225, 1887.

Tapinotaspis HOLMBERG (= **Tapinotapsis** HOLMBERG, nomen nudum).

Anal. Mus. Nac. Buenos Aires, ser. 3, vol. 2, p. 413, 1903. Two species.

Type.—*Tapinotaspis chacabucensis* HOLMBERG, 1903. (Present designation.)

Tarsalia MORAWITZ.

Horae Soc. Ent. Ross., vol. 29, p. 9, 1895.

Type.—*Tarsalia hirtipes* MORAWITZ, 1895. (Monobasic.)

Teleutemnesta HOLMBERG.

Bol. Acad. Nac. Cienc. Córdoba, vol. 10, p. 225, 1887. No species.

Anal. Mus. Nac. Buenos Aires, ser. 3, vol. 2, p. 400, 1903. Five species.

Type.—*Teleutemnesta fructifera* HOLMBERG, 1903. (By designation of Cockerell, Trans. Amer. Ent. Soc., vol. 44, p. 36, 1918.)

Synonym of *Ancyloscelis* HALIDAY, according to Brèthes, Anal. Mus. Nac. Buenos Aires, vol. 19 (ser. 3, vol. 12), p. 223, 1909.

Temnosoma F. SMITH.

Catalogue of hymenopterous insects . . . British Museum, pt. 1, p. 38, 1853.

Type.—*Temnosoma metallicum* F. SMITH, 1853. (Monobasic.)

(**Terrestribombus** VOGT) = **Bombus** LATREILLE, 1801.

Sitz.-Ber. Ges. naturf. Freunde Berlin, p. 55, 1911. Two species.

Type.—(*Apis*) *Bremus terrestris* (LINNAEUS) 1758 (By designation of Frison, Trans. Amer. Ent. Soc., vol. 53, p. 67, 1927.)

Proposed as a subgenus of *Bombus* Latreille.

Isogenotypic with *Bombus* Latreille and *Leucobombus* Dalla Torre.

Tetrachlora SCHROTTKY.

Deutsche Ent. Zeitschr., p. 481, 1909.

Type.—(*Halictus*) *Augochlora (Tetrachlora) multiplex* (VACHAL), 1903. (Monobasic.)

Proposed as a subgenus of *Augochlora* F. Smith.

Synonym of *Augochloropsis* Cockerell, according to Schrottky, Deutsche Ent. Zeitschr., p. 540, 1910.

Tetragona LEPELETIER AND SERVILLE.

Encycl. Méthod., Hist. Nat., Ins., vol. 10, p. 710, 1828. Two species.

Type.—(*Trigona (Tetragona) elongata* LEPELETIER AND SERVILLE, 1828) = *Centris clavipes* Fabricius, 1804. (Original designation.)

Proposed as a subgenus of *Trigona* Jurine.

Tetralonia SPINOLA (= **Macrocera** LATREILLE, 1810, not MEIGEN, 1803).

Ann. Soc. Ent. France, vol. 7, p. 538, 1838.

Type.—(*Eucera antennata* PANZER, 1806 = *Eucera antennata* FABRICIUS, 1793) = *Apis malvae* ROSSI, 1790. (Autobasic.) *Tetralonia basizona* Spinola, 1838, designated by Lutz and Cockerell, Bull. Amer. Mus. Nat. Hist., vol. 42, p. 615, 1930, was not originally included in *Macrocera* Latreille.

Tetraloniella ASHMEAD.

Trans. Amer. Ent. Soc., vol. 26, p. 61, 1899.

Type.—(*Macrocera*) *Tetraloniella graga* [gracia] (EVERSMANN), 1852. (Monobasic and original designation.)

(*Tetrapaedia* DALLA TORRE) for *Tetrapedia* KLUG.

Catalogus hymenopterorum, vol. 10, p. 299, 1896.

Tetrapedia KLUG (= *Tetrapedium* BERTHOLD; *Tetrapaedia* DALLA TORRE).

Mag. Ges. naturf. Freunde Berlin, vol. 4, p. 33, 1810.

Type.—*Tetrapedia diversipes* KLUG, 1810. (Monobasic.)

(*Tetrapedium* BERTHOLD) for *Tetrapedia* KLUG.

Latreille's natürliche Familien des Tierreichs, p. 468, 1827.

Tetraperdita COCKERELL AND PORTER.

Ann. Mag. Nat. Hist., ser. 7, vol. 4, p. 414, 1899.

Type.—*Perdita sexmaculata* COCKERELL, 1895. (Monobasic and original designation.)

Proposed as a subgenus of *Perdita* F. Smith.

Thalestria F. SMITH.

Catalogue of hymenopterous insects . . . British Museum, pt. 2, p. 283, 1854.

Type.—*Thalestria smaragdina* F. SMITH, 1854. (Monobasic.)

Thaumatosoma F. SMITH.

Trans. Ent. Soc. London, ser. 3, vol. 2, p. 394, 1865.

Type.—*Thaumatosoma duboulaii* F. SMITH, 1865. (Monobasic.)

Thoracobombus DALLA TORRE.

Die Naturhistoriker, vol. 2, p. 40, 1880. Five species.

Type.—*Apis sylvarum* LINNAEUS, 1761. (Present designation.)

Proposed as a subgenus of *Bombus* Latreille.

Thrausmus BUYSSON.

Ann. Soc. Ent. France, vol. 69, p. 177, 1900.

Type.—*Thrausmus grandidieri* BUYSSON, 1900. (Monobasic.)

Thrinchostoma SAUSSURE (= *Trichostoma*, *Thrinchostoma* DALLA TORRE; *Trinchostoma* SLADEN).

In Grandidier, Hist. Nat. Madagascar, vol. 20, Hymen., pt. 1, p. 52, 1890.

Type.—*Thrinchostoma renitantly* SAUSSURE, 1890. (Monobasic.)

(*Thrinchostoma* DALLA TORRE) for *Thrinchostoma* SAUSSURE.

Catalogus Hymenopterorum, vol. 10, p. 641, 1896.

Thygater HOLMBERG.

Actas Acad. Nac. Cienc. Córdoba, vol. 5, p. 133, 1884.

Type.—*Tetralonia terminata* F. SMITH, 1854. (Monobasic.)

Thyगतina COCKERELL.

Trans. Amer. Ent. Soc., vol. 37, p. 237, 1911.

Type.—*Thyगतina fumida* COCKERELL, 1911. (Monobasic.)

Thyreothremma HOLMBERG (= *Thyreotremata* HOLMBERG, nomen nudum).

Anal. Mus. Nac. Buenos Aires, ser. 3, vol. 2, p. 291, 1903. Three species.

Type.—*Thyreothremma rhopalocera* HOLMBERG, 1903. (Present designation.)

Thyreotremata HOLMBERG, (nomen nudum) = *Thyreothremma* HOLMBERG.

Bol. Acad. Nac. Cienc. Córdoba, vol. 10, p. 225, 1887.

Thyreus PANZER (= *Crocica* JURINE, 1801; *Crocissa* PANZER, 1806).

Kritische Revision der Insektenfauna Deutschlands . . . , vol. 2, p. 263, 1806.

Type.—*Nomada scutellaris* FABRICIUS, 1781. (Monobasic.)

Isogenotypic with *Crocissa* Panzer.

As a result of the suppression of the "Erlangen List" *Thyreus* Panzer replaces *Crocica* Jurine, 1801, as Panzer (1806) synonymized *Crocissa* Panzer with *Thyreus*. Dalla Torre's procedure of placing *Thyreus* Panzer, 1806, as a synonym of *Crocica* Jurine, 1807, Catalogus Hymenopterorum, vol. 10, p. 319, 1896, cannot be followed.

Titusella COCKERELL.

Bull. Amer. Mus. Nat. Hist., vol. 22, p. 445, 1906.

Type.—*Titusella pronitens* COCKERELL, 1906. (Monobasic.)

Toba HOLMBERG, nomen nudum.

Bol. Acad. Nac. Cienc. Córdoba, vol. 10, p. 226, 1887.

Townsendiella CRAWFORD.

Insecutor Inscitiae Menstruus, vol. 4, pp. 136 and 138, 1916.

Type.—*Townsendiella pulchra* CRAWFORD, 1916. (Monobasic.)

Trachandrena ROBERTSON.

Trans. Amer. Ent. Soc., vol. 28, pp. 187 and 189, 1902. Eleven species.

Type.—*Andrena rugosa* ROBERTSON, 1891. (Original designation.)

Trachina KLUG.

Magazin für Insektenkunde, vol. 6, p. 226, 1807. Three species.

Type.—*Centris longimana* FABRICIUS, 1804. (By designation of Cockerell, Trans. Amer. Ent. Soc., vol. 32, p. 105, 1906.)

Synonym of *Centris* Fabricius, according to Dalla Torre, Catalogus Hymenopterorum, vol. 10, p. 302, 1896.

(**Trachusa** JURINE) = **Stelis** PANZER.

Erlangen Litteratur-Zeitung, vol. 1, p. 164, 1801. Seven species.

Type.—(*Apis aterrima* PANZER, 1798, not CHRIST, 1791) = *Apis punctulatis-sima* KIRBY, 1802. (By designation of Morice and Durrant, Trans. Ent. Soc. London, p. 426, 1915.)

Isogenotypic with *Stelis* Panzer, *Gyrodroma* Klug, *Gymnus* Spinola, and *Ceraplastes* Gistel.

Invalid under Opinion 135 of the International Commission on Zoological Nomenclature.

Trachusa PANZER (= **Diphysis** LEPELETIER).

Fauna insectorum Germaniae initia, vol. 8, Heft. 86, expl. pl. 14–15, 1804. Two species.

Type.—(*Trachusa serratulae* PANZER, 1804) = *Apis byssina* PANZER, 1798. (By present designation.) “Rigidly construed” neither Schenck, Jahrb. Ver. Naturk. Herzogthum Nassau, vol. 16, p. 187, 1861; Jahrb. Nassau. Ver. Naturk., vol. 21–22, p. 325, 1867–68 [1870], nor Morice and Durrant, Trans. Ent. Soc. London, p. 427, 1915, designate *serratulae* as type of *Trachusa* Panzer.

Isogenotypic with *Diphysis* Lepelletier through synonymy.

Trichanthidium COCKERELL.

Rev. Zool. Bot. Africaines, vol. 19, p. 52, 1930.

Type.—*Pachyanthidium* (*Trichanthidium*) *occipitale* COCKERELL, 1930. (Monobasic.)

Proposed as a subgenus of *Pachyanthidium* Friese.

Trichocerapis COCKERELL.

Ent. News, vol. 15, p. 292, 1904.

Type.—*Tetralonia mirabilis* F. SMITH, 1865. (Monobasic and original designation.)

Trichocolletes COCKERELL.

Entomologist, vol. 45, p. 176, 1912.

Type.—*Lamprocolletes venustus* F. SMITH, 1862. (Monobasic and original designation.)

(**Trichostoma** DALLA TORRE) for **Thrinchostoma** SAUSSURE.

Catalogus hymenopterorum, vol. 10, p. 381, 1896.

Trichota MÉHELY.

Naturgeschichte der Urbienen, pp. 63 and 169, 1935. Two species.

Proposed as a subgenus of *Prosopis* Fabricius, but invalid under Article 25c of the International Rules of Zoological Nomenclature, since no type was designated.

(Trichota Popov) = Hylaeus FABRICIUS.

Compt. Rend. (Doklady) Acad. Sci. U. R. S. S., new ser., vol. 25, p. 169, 1939.

Type.—(*Apis*) *Prosopis annulata* (LINNAEUS), 1758. (Monobasic and original designation.)

Proposed as a subgenus of *Prosopis* FABRICIUS.

Isogenotypic with *Hylaeus* Fabricius and *Pectinata* Popov.

Trichota was first proposed by M chely, Naturgeschichte der Urbienen, pp. 63 and 169, 1935, as a subgenus of *Prosopis* Fabricius to include two species but, under Article 25c (amendment), it has no validity from that date, since no genotype was designated.

Tricornibombus SKORIKOV.

Bull. Sta. R gion. Protect. Plantes Petrograd, vol. 4, p. 151, 1922.

Type.—(*Bombus*) *Agrobombus (Tricornibombus) tricornis* RADOSZKOWSKI, 1888. (Monobasic.)

Proposed as a subgenus of *Agrobombus* Vogt.

Tridentosmia SCHMIEDEKNECHT.

Apidae Europaeae, vol. 2, p. 21 [887], 1884–86 [1885]. Six species.

Type.—*Osmia tridentata* DUFOUR AND PERRIS, 1840. (By designation of Michener, Amer. Midland Nat., vol. 26, p. 159, 1941.)

Proposed as a subgenus of *Osmia* Panzer.

Triepeolus ROBERTSON.

Can. Ent., vol. 33, p. 231, 1901. Nine species.

Type.—*Epeolus concavus* CRESSON, 1878. (Original designation.)

Trigona JURINE (= Amalthea RAFINESQUE).

Nouvelle m thode de classer les hym nopt res et les dipt res, vol. 1, p. 245, 1807. Three species.

Type.—(*Apis amalthea* FABRICIUS, 1793) = *Apis amalthea* OLIVIER, 1789. (By designation of Latreille, Consid rations g n rales . . . des insectes, p. 439, 1810.) *Trigona orbigny* Gu rin, 1845, designated by Girard, Trait   l mentaire d'entomologie, vol. 2, p. 725, 1879, was not originally included.

Trilia VACHAL.

Ann. Soc. Ent. France, vol. 68, p. 534, 1899.

Type.—*Dufourea (Trilia) muoti* VACHAL, 1899. (Monobasic.)

Proposed as a subgenus of *Dufourea* Lepeletier.

(Trinchostoma SLADEN) for Thrinchostoma SAUSSURE.

Can. Ent., vol. 44, p. 214, 1915.

Triopasites LINSLEY.

Pan-Pacific Ent., vol. 15, p. 8, 1939.

Type.—*Triopasites timberlakei* LINSLEY, 1939. (Monobasic and original designation.)

Tropandrena VIERECK.

Can. Ent., vol. 56, p. 21, 1924.

Type.—*Andrena fragilis* F. SMITH, 1853. (Monobasic and original designation.)

Proposed as a subgenus of *Andrena* Fabricius.

Synonym of *Gonandrena* Viereck, according to Cockerell (Can. Ent., vol. 64, p. 157, 1932).

Trophocleptria HOLMBERG.

Anal. Soc. Cient. Argentina, vol. 22, p. 275, 1886.

Type.—*Trophocleptria variotosa* HOLMBERG, 1886. (Monobasic.)

Synonym of *Epeolus* Latreille, according to Br thes, Ann. Mus. Nac. Buenos Aires, vol. 19 (ser. 3, vol. 12), p. 68, 1909; and Ducke, Zool. Jahrb., Abt. Syst., Jena, vol. 34, p. 99, 1912.

(*Trypetes* SCHENCK, not SCHÖNHERR, 1836) = *Heriades* SPINOLA.

Jahrb. Ver. Naturk. Herzogthum Nassau, vol. 14, pp. 32 and 89, 1859.

Type.—(*Apis*) *Heriades truncorum* (LINNÆUS), 1758. (Monobasic.)

Isogenotypic with *Heriades* Spinola.

Trypetes Schenck is preoccupied, but since it falls as a synonym of *Heriades*

Spinola no name is proposed to replace it.

Turnerella COCKERELL.

Entomologist, vol. 43, p. 262, 1910.

Type.—*Turnerella gilberti* COCKERELL, 1910. (Monobasic.)

Verbenapis COCKERELL AND ATKINS.

Ann. Mag. Nat. Hist., ser. 7, vol. 10, p. 44, 1902.

Type.—*Calliopsis verbenae* COCKERELL AND PORTER, 1899. (Monobasic.)

Proposed as a subgenus of *Calliopsis* F. Smith.

Viereckella SWENK.

Ent. News, vol. 18, p. 298, 1907. Two species.

Type.—*Viereckella obscura* SWENK, 1907. (Original designation.)

Synonym of *Epeoloides* Giraud, according to Crawford, Proc. Ent. Soc. Washington, vol. 19, p. 167, 1917.

Volucellobombus SKORIKOV.

Bul. Sta. Région. Protect. Plantes Petrograd, vol. 4, p. 149, 1922.

Type.—(*Bombus*) *Volucellobombus volucelloides* (GRIBODO), 1891. (Monobasic.)

(*Xanthidium* ROBERTSON, not EHRENBERG, 1833) = *Heminomada* COCKERELL.

Can. Ent., vol. 35, pp. 174 and 177, 1903. Three species.

Type.—*Nomada luteola* OLIVIER, 1811. (Original designation.)

Xanthidium Robertson is preoccupied, but since it is considered by Swenk, Univ. Studies, Lincoln, Nebr., vol. 12, p. 9, 1912, to be synonymous with *Heminomada* Cockerell, no name is proposed to replace it.

Xanthosarus ROBERTSON.

Trans. Amer. Ent. Soc., vol. 29, pp. 168 and 172, 1903.

Type.—*Megachile latimanus* SAY, 1823. (Monobasic and original designation.)

Xanthosmia ROBERTSON.

Trans. Amer. Ent. Soc., vol. 29, pp. 166 and 171, 1903.

Type.—*Osmia cordata* ROBERTSON, 1902. (Monobasic and original designation.)

Synonym of *Nothosmia* Ashmead, according to Sandhouse, Mem. Ent. Soc. Washington, No. 1, p. 63, 1939.

Xenoglossa F. SMITH.

Catalogue of hymenopterous insects . . . British Museum, pt. 2, p. 315, 1854.

Type.—*Xenoglossa fulva* F. SMITH, 1854. (Monobasic.)

Xenoglossodes ASHMEAD.

Trans. Amer. Ent. Soc., vol. 26, p. 63, 1899.

Type.—*Melissodes albata* CRESSON, 1872. (Monobasic and original designation.)

Xeralictus COCKERELL.

Pan-Pacific Ent., vol. 4, p. 41, 1927.

Type.—*Xeralictus timberlakei* COCKERELL, 1927. (Monobasic.)

Xeromegachile MITCHELL.

Trans. Amer. Ent. Soc., vol. 59, pp. 302 and 309, 1934. Many species.

Type.—*Megachile integra* CRESSON, 1878. (Original designation.)

Proposed as a subgenus of *Megachile* Latreille.

Xeromelecta LINSLEY.

Ann. Ent. Soc. Amer., vol. 32, p. 450, 1939.

Type.—*Bombomelecta larreae* COCKERELL, 1900. (Monobasic and original designation.)

Proposed as a subgenus of *Melecta* Latreille.

Xeromelissa COCKERELL.

Ann. Mag. Nat. Hist., ser. 9, vol. 17, p. 211, 1926.

Type.—*Xeromelissa wilmattae* COCKERELL, 1926. (Monobasic.)

Xerophasma COCKERELL.

Amer. Mus. Novitates, no. 66, p. 1, 1923.

Type.—*Xerophasma bequaerti* COCKERELL, 1923. (Monobasic and original designation.)

Xilocopa LATREILLE (=Xylocopa LATREILLE).

Histoire naturelle de fourmis, p. 431, 1802. Three species.

Type.—(*Xylocopa violacea* FABRICIUS, 1804)=*Apis violacea* LINNAEUS, 1758.

(By designation of Latreille, Considérations générales . . . des insectes, p. 439, 1810.)

The amended spelling, *Xylocopa*, has been generally accepted.

(Xylocopa LATREILLE) for Xilocopa LATREILLE.

Histoire naturelle . . . des crustacés et des insectes, vol. 2, p. 379, 1802.

Zacesta ASHMEAD.

Trans. Amer. Ent. Soc., vol. 26, p. 73, 1899.

Type.—*Zacesta rufipes* ASHMEAD, 1899. (Monobasic and original designation.)

Synonym of *Hesperapis* Cockerell, according to Michener, Ent. News, vol. 47, p. 184, 1936.

Zacosmia ASHMEAD (=Micromelecta BAKER).

Psyche, vol. 8, p. 282, 1898.

Type.—*Melecta maculata* CRESSON, 1879. (Monobasic and original designation.)

Isogenotypic with *Micromelecta* Baker.

Zadontomerus ASHMEAD (=Zaodontomerus COCKERELL AND PORTER).

Trans. Amer. Ent. Soc., vol. 26, p. 69, 1899.

Type.—*Ceratina tejonensis* CRESSON, 1864. (Monobasic and original designation.)

Zalygus COCKERELL.

Mem. Queensland Mus., vol. 9, p. 321, 1929.

Type.—*Zalygus cornutus* COCKERELL, 1929. (Monobasic.)

(Zaodontomerus COCKERELL AND PORTER) for Zadontomerus ASHMEAD.

Ann. Mag. Nat. Hist., ser. 7, vol. 4, p. 406, 1899.

Zaperdita ROBERTSON.

Ent. News, vol. 29, p. 91, 1918.

Type.—*Perdita maura* COCKERELL, 1901. (Monobasic and original designation.)

Zonandrena HEDICKE.

Mitt. Zool. Mus. Berlin, vol. 19, p. 220, 1933. Eight species.

Type.—*Andrena flavipes* PANZER, 1799. (Original designation.)

Proposed as a subgenus of *Andrena* Fabricius.

Zonohirsuta MA.

Rec. Indian Mus., vol. 40, pp. 270 and 300, 1938.

Type.—*Xylocopa collaris* LEPELETIER, 1841. (Monobasic and original designation.)

Proposed as a subgenus of *Xylocopa* Latreille.

SPECIES INDEX

In this index, valid specific names are in roman and synonyms in italics. Whenever the specific name is followed by two or more generic names, the first of these, in brackets, represents the genus in which the species was originally described, while a name enclosed in parentheses indicates the generic placement shown in the publication cited when that differs from the original combination. The generic names not enclosed in parentheses are those under which the species will be found in the foregoing list.

	Page		Page
abdominalis Eversmann, [Phileremus] Ammobatoides.....	525	alpinum Morawitz, [Anthidium] Pseudoanthidium.....	593
[Phileremus] Paidia.....	582	alpinus Linnaeus, [Apis] (Bremus) Alpino-	
[Phileremus] Phiarus.....	587	bombus.....	524
abdominalis Fabricius [Thynnus] Euaspis....	549	amabilis Cockerell, [Ceratina] Calloceratina..	533
[Thynnus] (Euaspis) Dilobopeltis.....	546	amalthea Fabricius, [Apis] Trigona.....	606
abdominalis Gerstaecker, Lipotriches.....	565	amalthea Olivier, [Apis] Amalthea.....	524
aberrans Bridwell, [Nothylaeus] Anylaeus....	527	[Apis] Trigona.....	606
abnormis Friese, [Stelis] Odontostelis.....	579	ambiguus Giraud, Epecoloidea.....	548
abrupta Say, [Anthophora] Anthemoessa.....	526	americana Robertson, [Nomada] Nomadula....	578
[Anthophora] Melea.....	569	americanorum Klug, Ptilotopus.....	595
acervorum Linnaeus, [Apis] Anthophora.....	527	amethystina Fabricius, [Apis] Nodula.....	577
[Apis] Megilla.....	568	analis Lepeletier, [Macrocera] (Tetralonia) MacroGLOSSA.....	566
[Apis] Podalirius.....	589	[Macrocera] (Tetralonia) MacroGLOSSAPIS.....	566
aciferus Cockerell and Ireland, [Halictus] Oxyhalictus.....	580	andreniformis F. Smith, Calliopsis.....	533
adunca Fabricius, [Anthophora] Hoplitis.....	559	andrenoides Cresson, [Panurgus] Parandrena.....	584
adunca Panzer, [Apis] Ctenosmia.....	542	andrenoides Spinola, [Osmia] Erythrosmia....	549
[Apis] Hoplitis.....	559	andrenoides Viereck, Birkmania.....	531
adventor Skorikov, [Agrobombus] Adventorbombus.....	522	annularis Kirby, [Melitta] (Prosopis) Lambdopsis.....	562
aethiops Cresson, [Panurgus] Pseudopanurgus.....	594	annulata Fabricius, [Prosopis] Hylaeus.....	560
africana Friese, [Megachile] Berna.....	530	annulata Linnaeus, [Apis] Hylaeus.....	560
africaniba Strand, [Megachile] Berna.....	530	[Apis] (Prosopis) Pectinata.....	586
agrorum Fabricius, [Apis] (Bombus) Agrobombus.....	523	[Apis] (Prosopis) Trichota.....	606
[Apis] Bremus.....	532	anomala W. F. Kirby, Pseudapis.....	592
albata Cresson, [Melissodes] Xenoglossodes....	607	anomalous Cockerell, Cyrtapis.....	543
albifrons Kirby, [Chelostoma] Monumetha....	574	anomalous Robertson, [Halictus] Dialictus....	545
albilabris Fabricius, [Hylaeus] Ceratina.....	536	antarctica Holmberg, Scirtetica.....	598
[Hylaeus] Claviera.....	539	[Scirtetica] Alloscirtetica [Scirtetica] Holmbergiapis.....	558
albitarsis Cresson, [Megachile] Acentron.....	522	[Scirtetica] Neoscirtetica.....	576
albitarsis, Friese, Polyglossa.....	589	antennariae Robertson, [Sphecodes] Dialonia.....	545
albiventris Cresson, [Osmia] Leucosmia.....	564	antennata Fabricius, [Eucera] Macrocera.....	566
albocuneata Cockerell, [Euryglossa] Pseudhylaeus.....	593	[Eucera] Tetralonia.....	603
albopictus Cockerell, Isepeolus.....	561	antennata Panzer, [Eucera] Macrocera.....	566
alopilosus Lucas, [Andrena] (Panurginus) Scapteroides.....	599	[Eucera] Tetralonia.....	603
albopunctata Rossi, [Apis] Andrena.....	525	antipodes F. Smith, [Sphecodes] Binghamiella..	531
albovittata Cockerell, [Perdita] Pentaperdita.....	586	antiqua Germar, Apiaria.....	527
alfkeni Duke, Anthrenoides.....	527	antiquorum Cockerell, Libellulapis.....	564
alpigenus Morawitz [Bombus] Alpigenobombus.....	524	apicalis Cresson, [Lithurgus] Lithurgopsis....	565

	Page		Page
<i>apicata</i> F. Smith, [Coelioxys] <i>Liothyrapis</i>	564	bicolor Lepeletier, [Anthidium] <i>Pachyanthidium</i>	581
<i>apiformis</i> Friese, <i>Corbicula</i>	546	bicolor Lepeletier and Serville, <i>Ammobates</i> ...	524
[<i>Corbicula</i>] <i>Canephora</i>	534	bicolor Lepeletier and Serville, <i>Rhathymus</i> ...	595
[<i>Corbicula</i>] <i>Canephorula</i>	534	[<i>Rhathymus</i>]	
<i>appendiculata</i> F. Smith, [Xylocopa] <i>Alloxyl-ocopa</i>	523	<i>Liogastra</i>	564
<i>arcuatus</i> Robertson, [Halictus] <i>Evylaeus</i>	552	bicolor Lepeletier and Serville, <i>Scrapter</i>	599
<i>arenarius</i> Schrottky, [Agapostemon] <i>Pseudagapostemon</i>	592	bicolor Perty, <i>Liogastra</i>	561
<i>argentata</i> Fabricius, [Apis] <i>Eutricharaea</i>	551	bicolor F. Smith, <i>Exoneura</i>	552
[Apis] <i>Paramegachile</i>	583	bicolor F. Smith, <i>Macrotera</i>	567
<i>argentifrons</i> Cresson, <i>Monumetha</i>	574	bicometes Enderlein, <i>Diagonozus</i>	545
<i>argentina</i> Friese, [Psaenythia] <i>Parapsaenythia</i>	584	<i>bicornis</i> Fabricius, [Anthophora] <i>Osmia</i>	580
<i>argentina</i> Holmberg, <i>Brachynomada</i>	531	<i>bicornis</i> Linnaeus, [Apis] <i>Ceratosmia</i>	536
<i>argentinum</i> Brèthes, <i>Callonychium</i>	533	[Apis] <i>Osmia</i>	580
<i>argillacea</i> Scopoli, [Apis] <i>Megachibombus</i>	567	[Apis] (<i>Osmia</i>) <i>Amblyus</i>	524
<i>armatus</i> F. Smith, [Ancyloscelis] <i>Dipedia</i>	546	<i>bidentata</i> Cameron, <i>Sudila</i>	602
<i>armaticeps</i> Cresson, [Osmia] <i>Cephalosmia</i>	535	[<i>Sudila</i>] <i>Ceylonicola</i>	536
<i>arnoldi</i> Brauns, [Osmia] <i>Aspidosmia</i>	529	<i>bifasciatus</i> Jurine, [Prosopis] (<i>Hylaeus</i>) <i>Koptogaster</i>	561
<i>arnoldi</i> Friese, [Nomiodes] <i>Cellaria</i>	534	[Prosopis] <i>Pseudobranchiata</i>	593
[Nomiodes] (<i>Cellaria</i>) <i>Cellarella</i>	534	<i>bimaculata</i> Panzer, [Apis] <i>Heliophila</i>	556
<i>articulata</i> F. Smith, [Nomada] <i>Nomadula</i>	578	[Apis] <i>Saropoda</i>	598
<i>ashtoni</i> Cresson, [Apathus] (<i>Psithyrus</i>) <i>Ash-tonipsithyrus</i>	528	<i>binghami</i> Cockerell, [Nomia] <i>Meganomia</i>	568
<i>ater</i> Fabricius, <i>Panurgus</i>	582	<i>bipunctatus</i> Fabricius, [Mellinus] <i>Hylaeus</i> ...	560
<i>ater</i> Saussure, [Phileremus] <i>Melanempis</i>	569	[Mellinus] <i>Prosopis</i>	590
<i>aterrima</i> Fabricius, [Megilla] <i>Gyrodroma</i>	555	[Mellinus] (<i>Prosopis</i>)	
<i>aterrima</i> Panzer, [Apis] <i>Ceraplastes</i>	535	<i>Auricularia</i>	529
[Apis] <i>Gyrodroma</i>	555	<i>bipunctatus</i> Radoszkowski, <i>Epicharoides</i>	548
[Apis] <i>Stelis</i>	601	<i>bituberculata</i> F. Smith, <i>Megalopta</i>	568
[Apis] (<i>Stelis</i>) <i>Gymnus</i>	555	<i>bituberculata</i> Ritsema, [Megachile] <i>Amegachile</i>	524
[Apis] <i>Trachusa</i>	605	<i>bivittatum</i> Cresson, [Anthidium] (<i>Stelis</i>)	
<i>atra</i> Friese, <i>Ceylonicola</i>	536	<i>Odontostelis</i>	579
<i>atra</i> Friese, [Centris] <i>Melanocentris</i>	569	<i>bozonata</i> Holmberg, <i>Doeringiella</i>	546
<i>atra</i> Panzer, [Trachusa] <i>Panurgus</i>	582	<i>bocandei</i> Spinola, [Melipona] <i>Meliponula</i>	570
<i>atripes</i> Cresson, [Melissodes] <i>Epimelissodes</i> ...	548	<i>bombiformis</i> Cresson, [Melissodes] <i>Emphor</i> ...	547
<i>aulica</i> Morawitz, [Andrena] <i>Schizandrena</i>	598	<i>bombiformis</i> F. Smith, [Saropoda] <i>Asaropoda</i>	528
<i>aureopilosa</i> Spinola, <i>Exomalopsis</i>	552	<i>bombiformis</i> Gerstaecker, [Megachile] <i>Gronoceras</i>	555
<i>auricomus</i> Robertson, <i>Bombias</i>	531	<i>bombilans</i> Holmberg, <i>Svastra</i>	602
<i>aurifuscus</i> Titus, <i>Chrysopheon</i>	538	<i>bomboides</i> F. Smith, [Xylocopa] <i>Bomboxylocopa</i>	531
<i>aurulenta</i> Panzer, [Apis] <i>Helicosmia</i>	556	<i>bomycina</i> Radoszkowski, [Megachile] <i>Eumegachile</i>	550
<i>aurulentocaudata</i> Dours, [Anthophora] <i>Melitturgopsis</i>	572	<i>bombylans</i> Fabricius, [Apis] (<i>Centris</i>) <i>Lestis</i> ...	563
<i>australensis</i> Perkins, <i>Neoceratina</i>	575	börneri Alken, <i>Compsoelissa</i>	540
<i>australis</i> Guérin, [Andrena] <i>Mellitidia</i>	572	<i>bradleyi</i> Viereck, [Andrena] <i>Conandrena</i>	549
<i>azurea</i> Lepeletier and Serville, [Mesocheira]		<i>brasiliensis</i> Blanchard, [Apis] <i>Ancyloscelis</i>	525
<i>Melissa</i>	570	<i>brasiliensis</i> Friese, <i>Parammobates</i>	584
[Mesocheira]		<i>brasiliensis</i> Lepeletier and Serville, <i>Monoeca</i> ...	574
<i>Mesoplia</i>	573	<i>brasiliensis</i> Schrottky, <i>Friesea</i>	553
<i>banksiana</i> Kirby, [Apis] <i>Panurgus</i>	582	[Friesea] <i>Parafriesea</i>	583
<i>barbutellus</i> Kirby, [Apis] (<i>Psithyrus</i>) <i>Allopsithyrus</i>	523	<i>braunsi</i> Friese, <i>Melitturgula</i>	572
<i>barrei</i> Radoszkowski, <i>Paracoelioxys</i>	583	<i>braunsiana</i> Friese, <i>Capicola</i>	534
<i>basalis</i> Ritsema, <i>Parevaspis</i>	585	<i>breviceps</i> Friese, [Eucera] <i>Cubitalia</i>	543
<i>basizona</i> Spinola, <i>Tetralonia</i>	603	<i>brevicornis</i> Nylander, [Hylaeus] (<i>Prosopis</i>)	
<i>beardsleyi</i> Cockerell, <i>Greeleyella</i>	555	<i>Dentigera</i>	544
<i>beata</i> Cockerell, [Perdita] <i>Philoxanthus</i>	587	[<i>Hylaeus</i>] (<i>Prosopis</i>)	
<i>bella</i> Cresson, [Nomada] <i>Gnathias</i>	554	<i>Imperfecta</i>	560
<i>bequaerti</i> Cockerell, <i>Xerophasma</i>	608	<i>brevicornis</i> Panzer, [Tiphia] <i>Biastes</i>	530
<i>beroni</i> Schrottky, <i>Oxyneides</i>	580	[<i>Tiphia</i>] (<i>Biastes</i>) <i>Pasites</i>	585
<i>betheli</i> Ashmead, <i>Melanostelis</i>	569	[<i>Tiphia</i>] <i>Rhineta</i>	596
<i>bicolor</i> Fabricius, [Andrena] <i>Euandrena</i>	549	<i>brevipennis</i> Cameron, <i>Aglaopis</i>	522
<i>bicolor</i> Fabricius, [Melecta] <i>Mesocheira</i>	572	<i>brevipennis</i> Cockerell, <i>Protomelecta</i>	592
<i>bicolor</i> Lepeletier, <i>Ammobates</i>	524	<i>brevis</i> Say, [Megachile] <i>Litomegachile</i>	565
<i>bicolor</i> Lepeletier, <i>Mesocheira</i>	572		

Page	Page
bribiensis Cockerell, [Parasphcodes] Aphalicus.....	527
brullei Lepeletier, Scapter.....	599
bruneri Ashmead, Caenomada.....	532
[Caenomada] Chacoana.....	536
bruneri Ashmead, Perditemorpha.....	587
buccinus Vachal, [Halictus] Indohalictus.....	560
bucephala Cresson, [Osmia] Centrosmia.....	535
byssina Panzer, [Apis] Diphyis.....	546
[Apis] Trachusa.....	605
caeruleus Spinola, Pasiphae.....	585
calcarata Friese, Samba.....	597
calcarata Scopoli, [Apis] Eriops.....	549
[Apis] Panurgus.....	582
calendarum Panzer, [Apis] Evodia.....	552
californica Cresson, [Melicta] Melictomorpha.....	570
californica Viereck, [Melitta] Brachycephalapis.....	531
callops Cockerell and Porter, Hypomacrotera.....	560
calocharti Cockerell, Betheliella.....	530
campanulac Cockerell, [Halictoides] Parahalictoides.....	583
campanulae Robertson, Oligotropus.....	579
campanularum Kirby, [Apis] Heriades.....	557
campestris Panzer, [Apis] (Psithyrus) Meta-psithyrus.....	573
canadensis Cresson, [Osmia] Monilosmia.....	574
canadensis Sladen, Autochlostoma.....	530
canaliculata F. Smith, Meroglossa.....	572
candida F. Smith, [Allodape] Maerogalea.....	566
canus Eversmann, [Rhophites] Rhophitoides.....	597
capensis Friese, [Omachtes] Pseudodiehroa.....	593
capicola Strand, [Omachtes] Sphecodopsis.....	600
capillatus Rayment, [Paracolletes] Heterocolletes.....	558
carbonaria Linnaeus, [Apis] (Andrena) Glyphandrena.....	554
carinata Cameron, Ctenonomia.....	542
carinata Cresson, [Heriades] Physostetha.....	588
carinata F. Smith, [Scapter] Melittosmithia.....	572
[Scapter] Smithia.....	600
carnifex Gerstaecker, Omachtes.....	580
ceanothi Cockerell, Raphidostoma.....	595
centuncularis Linnaeus, [Apis] Megachile.....	567
[Apis] (Megachile) Anthemois.....	526
cephalica Provancher, Gnathocera.....	554
cephalica Robertson, Paralictus.....	583
cephalotes Dalla Torre, [Halictus] Paralictus.....	583
chacabucensis Holmberg, Tapinotaspis.....	603
chalcidiformis Meade-Waldo, Idioprosopis.....	560
chalybea F. Smith, Ctenoplectra.....	542
chalybeata Erichson, [Andrena] Lamprocolletes.....	562
chalybeata F. Smith, [Nomia] Paranomia.....	584
chalybeus Cresson, [Panurgus] Diandrena.....	545
chamaesarachae Cockerell, [Perdita] Geoperdita.....	554
chandleri Ashmead, Crocisaspida.....	541
chichimeca Cresson, [Megachile] Neomegachile.....	575
chilensis Friese, Herbstiella.....	557
[Herbstiella] Kelita.....	561
chilensis Spinola, [Colletes] Cadeguala.....	532
chlerogas Vachal, [Halictus] Chlerogas.....	538
cincta Jurine, [Trachusa] Dioxy.....	546
cinctiventris Friese, [Capiola] Rhinochaetula.....	596
cineraria Fabricius [Apis] Andrena.....	525
cineraria Linnaeus, [Apis] Andrena.....	525
cinerarius Cameron, Plesiopanurgus.....	588
cinnabarina Friese, Prodioxys.....	590
cirsii Verhoeff, Sabulicola.....	597
cladocerus F. Smith, [Lamprocolletes] Cladocerapis.....	539
clavicornis Latreille, [Eucera] Melitturga.....	572
clavipes Dours, [Halictus] Lucasellus.....	565
[Halictus] Lucasiellus.....	565
[Halictus] Lucasius.....	566
clavipes Fabricius, [Centris] Tetragona.....	602
claviventris Thomson, [Osmia] Liosmia.....	564
clypeata Sladen, Formicapis.....	553
coecineus Friese, [Bombus] (Alpigenobombus) Coccineobombus.....	539
coecutiens Fabricius, [Apis] Epeoloides.....	548
coerulea Fabricius [Bombus] (Xylocopa) Cyaneoderes.....	543
coerulea Lepeletier and Serville, Aglae.....	522
coeruleus Lepeletier and Serville, Mesonychium.....	573
collaris Lepeletier, [Xylocopa] Zonohirsuta.....	608
combusta F. Smith, [Megachile] (Gronoceras) Digronoceras.....	546
compactula Cockerell, Anthophorula.....	527
compta Cresson, [Melissodes] Abda.....	521
[Melissodes] Anthedon.....	526
conanthi Cockerell, [Halictus] Conanthalictus.....	540
conceaus Cresson, [Epeolus] Triepeolus.....	606
concinna Fabricius, [Vespa] Hyleoides.....	560
condigna Cresson, [Melissodes] Florilegus.....	553
confusa Pérez, [Xylocopa] Euryapis.....	551
[Xylocopa] Orbitella.....	580
confusus Schenck, [Bombus] Confusibombus.....	540
[Bombus] Sulcobombus.....	602
conica Fabricius [Anthopora] Coelioxys.....	539
conica Linnaeus [Apis] Coelioxys.....	539
conjuncta Cresson, [Osmia] Diceratosima.....	545
conspicueus F. Smith, [Pachymelus] Pachymelopsis.....	581
contradicta Cockerell, [Megalopta] Megaloptidia.....	568
coquilletti Ashmead, Diadasiella.....	545
cordata Fabricius, Euglossa.....	550
cordata Linnaeus, [Apis] Euglossa.....	550
[Apis] (Euglossa) Cnemidium.....	539
cordata Robertson, [Osmia] Xanthosmia.....	607
coriaceus F. Smith, [Halictus] Curtisapis.....	543
cornigera Cockerell, [Exomalopsis] Pachycephalopsis.....	581
cornuta Cresson, [Centris] Gundlachia.....	555
[Centris] Heterocentris.....	558
[Centris] Rhodocentris.....	596
cornuta Fabricius, [Andrena] (Centris) Lithurgen.....	565
cornuta F. Smith, [Hylaeus] (Prosopis) Abrupta.....	521
cornutus Cockerell, Zalygus.....	608
crabronina Holmberg, Caenoprosopis.....	532
crassipes F. Smith, Paracolletes.....	583
cressoni Robertson, [Halictus] Chloralictus.....	538
cressonii Robertson, [Andrena] Opandrena.....	580
cressonii Robertson, Sphecodium.....	600
cribratus Bridwell, Metylaeus.....	573

	Page		Page
<i>crisariae</i> Jörgensen, Holmbergeria	558	<i>duboulaei</i> F. Smith, Thaumatosoma	604
<i>cristata</i> Fonscolombe, [Megachile] Pseudosmia	594	<i>ducalis</i> F. Smith, Ptiloglossa	594
<i>cueurbitina</i> Rossi, [Apis] Ceratina	536	<i>dybowskii</i> Radoszkowski, [Halictus] Acanthalicus	521
[Apis] Clavicera	539	<i>eamia</i> Cockerell, Neopasites	576
<i>cullumannus</i> Kirby, [Apis] (Bombus) Cullumanobombus	543	<i>edwardsii</i> Cresson, [Melecta] Melectominus	570
<i>cupreochalybea</i> F. Smith, Euryglossa	551	<i>edwardsii</i> Cresson, [Melissodes] (Synhalonia) Eusynhalonia	551
<i>curta</i> Provancher, [Anthophora] Micranthophora	573	<i>elegans</i> F. Smith, Stenotritus	601
<i>curvatum</i> F. Smith, [Anthidium] Dianthidium	545	<i>elegantula</i> Cockerell, Hesperapis	557
<i>curvicarinata</i> Cameron, [Prosopis] Deranchylaeus	544	<i>elongata</i> Lepeletier and Serville, [Trigona] Tetragona	603
<i>curvicornis</i> Scopoli, [Eucera] Systropha	602	<i>emarginata</i> Lepeletier, [Osmia] Aceratosmia	522
<i>curvipes</i> Fabricius, [Andrena] Nitocris	577	<i>emarginatus</i> Schenck, [Phileremus] Biastoides	530
[Andrena] Nomia	578	<i>enavata</i> Cresson, [Melissodes] Diadasia	545
<i>curvungula</i> Thomson, [Andrena] Lepidandrena	563	<i>enecliae</i> Cockerell, [Andrena] Megandrena	563
<i>cuspidata</i> Alfken, Ensliniana	547	<i>erberi</i> Morawitz, [Andrena] Campylogaster	534
<i>cyanura</i> Cockerell, [Ceratina] Chloroceratina	538	<i>erictorum</i> Lepeletier, [Megachile] Pseudomegachile	594
<i>cylindricus</i> Cresson, Andronicus	526	<i>erigeniae</i> Robertson, [Andrena] Ptilandrena	594
<i>darwinii</i> Cockerell, [Corynura] Corynuroides	540	<i>erigeronis</i> Robertson, [Nomada] Centrias	534
[Corynura] Corynuropsis	541	<i>eucalypti</i> Cockerell, [Meroglossa] Meroglossula	572
<i>dasygoda</i> Illiger, [Centris] Epieharis	548	<i>euglossoides</i> Lepeletier and Serville, Melitoma	571
<i>decepiens</i> Spinola, [Coelioxys] Liothyrapis	564	[Melitoma]	
[Coelioxys] Paracoelioxys	583	Meliphila	579
<i>decorata</i> F. Smith, Oxystoglossa	581	<i>euxantha</i> Cockerell, [Spinoliella] Claremontiella	539
<i>delicata</i> Cockerell, Heterapis	557	[Heterapis] Heterapoides	557
[Heterapis] Heterapoides	557	<i>euxantha</i> Cockerell, [Prosopis] Gnathoprosopis	554
<i>dentata</i> Fabricius, [Euglossa] Exaerete	552	<i>excellens</i> Friese, Euerbstia	550
<i>dentata</i> Linnaeus, [Apis] Exaerete	552	<i>exil</i> Skorikov, [Muscidobombus] Exilobombus	552
[Apis] (Exaerete) Callendra	533	<i>extraordinarius</i> Kohl, [Halictus] Echthralictus	547
[Apis] (Exaerete) Chrysantheda	538	<i>ezonata</i> F. Smith, Habrophora	556
<i>dentatus</i> Rayment, Nodocolletes	577	[Habrophora] Habropoda	556
<i>denticus</i> Friese, Rhinetula	596	<i>fabriciana</i> Linnaeus, [Apis] Nomada	577
<i>denticulatus</i> F. Smith, Serapis	599	<i>facilis</i> F. Smith, [Prosopis] Nesoprosopis	576
[Serapis] Serapista	599	<i>fairchildi</i> Ashmead, Cyaneoderes	543
<i>dentiventris</i> Nylander, Halictoides	556	<i>falcifer</i> Patton, [Sphecodes] Drepanium	547
<i>depressa</i> Friese, [Ammobates] Caesarea	532	<i>fasciata</i> Radoszkowski, Euthyglossa	551
<i>detersa</i> Cockerell, [Megachile] Androgynella	525	<i>fasciata</i> Friese, [Centris] Poecilocentris	589
<i>diabolica</i> Friese, [Melissa] (Hopliphora) Cyphomelissa	543	<i>fasciatus</i> Holmberg, Pseudepeolus	593
<i>diacantha</i> Eversmann, [Melecta] Pseudomelecta	594	<i>fasciatus</i> Panzer, Bremus	532
<i>dichroa</i> F. Smith, [Pasites] Morgania	574	<i>fatalis</i> Cockerell, Sophrobombus	600
<i>dichroa</i> Spinola, [Ammobates] Omachtes	580	<i>favosa</i> Fabricius, [Apis] Mellipona	570
<i>difformis</i> Gribodo, Scapteroides	599	<i>femoralis</i> Guérin, [Apis] (Andrena) Agapostemon	522
<i>difformis</i> F. Smith, [Centris] Gundlachia	555	<i>fenestrata</i> Fabricius, [Apis] Baana	530
[Centris] Heterocentris	558	[Apis] Ctenopoda	542
[Centris] Rhodocentris	596	<i>fenningeri</i> Viereck, [Andrena] Scapteropsis	599
<i>diligens</i> F. Smith, Lagobata	562	<i>fernaldae</i> Franklin, [Psithyrus] Fernaldaep-sithyrus	552
<i>dimidiata</i> Fabricius, [Apis] Centris	535	<i>fertoni</i> Pérez, Solenopalpa	600
[Apis] Eulaema	550	<i>fervidus</i> Fabricius, [Apis] (Bremus) Fervidobombus	553
<i>discolor</i> F. Smith, Cacosoma	532	<i>fiebrigi</i> Bréthes, Protodiscelis	592
[Cacosoma] Neocorynura	575	<i>flavescens</i> Klug, Oxaea	580
<i>discrepans</i> Holmberg, Lanthanomelissa	562	[Oxaea] Dasyglossa	544
<i>distincta</i> Cresson, [Osmia] Nothosmia	578	<i>flavicornis</i> Morawitz, [Osmia] Stenosmia	601
<i>distinguendus</i> Schenck, Rhophitoides	597	<i>flavida</i> Friese, Poecilomelitta	539
<i>diversipes</i> Klug, Tetrapedia	604	<i>flavifrons</i> F. Smith, [Calliopsis] (Camptopoeum) Friesea	553
<i>diversipes</i> Latreille, Nomia	578	[Calliopsis] (Camptopoeum) Parafriesea	533
[Nomia] Nomiapis	578		
<i>diversus</i> F. Smith, [Bombus] Diversobombus	546		
<i>dorsale</i> Lepeletier, [Anthidium] Heteranthidium	557		
<i>dorsata</i> Fabricius, [Apis] Megapis	568		

Page		Page
588	<i>flavilabris</i> Lucas, [Nomia] Plistotrichia.....	546
608	<i>flavipes</i> Panzer, [Andrena] Zonandrena.....	600
628	<i>flavipes</i> Spinola, [Megachile] Archimegachile..	545
	<i>flavofasciatus</i> Spinola, [Halictus] (Corynura)	600
	<i>Rhopaliectus</i>	
596	<i>flavomarginatum</i> F. Smith, [Anthidium]	
	<i>Hypanthidium</i>	568
560	<i>flavurufus</i> Cockerell, Adrenopsis.....	607
525	<i>florea</i> Fabricius, [Apis] Micrapis.....	595
573	<i>floridana</i> F. Smith, [Anthophora] (Habropoda)	597
	<i>Emphoropsis</i>	
547	<i>florissantensis</i> Cockerell, Calyptapis.....	600
533	<i>florisomnis</i> Linnaeus, [Apis] Chelostoma.....	592
	[Apis] <i>Heriades</i>	592
557	<i>fonscolombi</i> Romand, <i>Melissodes</i>	562
571	<i>fortis</i> Cresson, [Megachile] Phaeosarus.....	562
587	<i>fragilis</i> F. Smith, [Andrena] Tropandrena.....	598
606	<i>fraterius</i> F. Smith, [Apathus] (Alpigenobom-	541
	<i>bubus</i> <i>Fraternobombus</i>	
553	<i>freygessneri</i> Friese, [Stelis] Protostelis.....	571
592	<i>friesei</i> Alfken, [Prosopis] <i>Barbata</i>	544
	[Prosopis] <i>Mehelya</i>	544
569	[Prosopis] <i>Mehelyana</i>	603
569	<i>friesei</i> Brauns, <i>Parafidolia</i>	603
583	<i>friesei</i> Ducek, <i>Rhopitulus</i>	604
597	<i>frigida</i> F. Smith, [Megachile] <i>Delomegachile</i> ..	598
544	<i>frisei</i> Ducek, <i>Rhopitulus</i>	568
597	<i>frontalis</i> Fabricius, [Prosopis] <i>Camptopoeum</i> ..	529
534	<i>fructifera</i> Holmberg, <i>Teleutemnesta</i>	548
603	<i>fuchsii</i> Viereck, <i>Panurgonia</i>	571
582	<i>fuciformis</i> Latreille, [Osmia] <i>Melanosmia</i>	560
569	<i>fulgida</i> Cresson, [Osmia] <i>Chlorosmia</i>	569
538	<i>fulva</i> Lapeletier, <i>Melipona</i>	574
570	<i>fulva</i> F. Smith, <i>Xenoglossa</i>	574
607	<i>fulvago</i> Christ, [Apis] (Andrena) <i>Chrysan-</i>	599
	<i>drena</i>	538
538	<i>fulvicollis</i> Spinola, [Caupolicana] <i>Megacilissa</i> ..	538
567	<i>fulvitaris</i> Cresson, [Melissodes] <i>Synhalonia</i> ..	563
602	<i>fulviventris</i> Cresson, [Phileremus] <i>Gnathopa-</i>	576
	<i>sites</i>	576
554	[Phileremus] <i>Neopasites</i>	586
576	<i>fulviventris</i> Panzer, [Apis] <i>Chalcosmia</i>	576
537	<i>fulvo-crustatus</i> Dours, [Andrena] <i>Campylo-</i>	537
	<i>gaster</i>	525
534	<i>fulvohirta</i> Cameron, <i>Paracentris</i>	526
582	<i>fulvopilosa</i> Spinola, <i>Exomalopsis</i>	602
552	<i>fulvopilosum</i> Cameron, <i>Plesianthidium</i>	578
588	<i>fulva</i> Cockerell, <i>Thyagatina</i>	589
604	<i>funebis</i> Panzer, <i>Andrena</i>	565
525	<i>funebis</i> F. Smith, [Bombus] (Alpigeno-	525
	<i>bombus</i>) <i>Funebribombus</i>	
553	<i>funereus</i> F. Smith, <i>Eurytis</i>	584
551	<i>fuscipennis</i> Crawford, <i>Protandrenopsis</i>	578
591	<i>fuscipennis</i> Fairmaire, <i>Dilobopeltis</i>	578
546	<i>gabonica</i> Gribodo, <i>Koptortosoma</i>	536
561	<i>gayatinus</i> Spinola, [Halictus] <i>Presbia</i>	585
590	<i>gayi</i> Spinola, <i>Caupolicana</i>	564
534	<i>gayi</i> Spinola, [Halictus] <i>Corynogaster</i>	544
540	[Halictus] <i>Corynura</i>	589
540	[Halictus] <i>Manuela</i>	535
567	<i>gayi</i> Spinola, <i>Diphaglossa</i>	548
546	<i>gayi</i> Spinola, <i>Epiclopus</i>	603
548	<i>georgica</i> Cresson, [Megachile] <i>Gnathodon</i>	570
554	[Megachile] <i>Sarogaster</i>	541
598	<i>georgica</i> Cresson, [Osmia] <i>Gnathosmia</i>	579
555	<i>gerstäckeri</i> Schulz, <i>Morgania</i>	579
574	<i>giannellii</i> Gribodo, [Epeolus] <i>Diepeolus</i>	
	<i>gibba</i> Fabricius, [Nomada] <i>Sphecodes</i>	
	<i>gibba</i> Linnaeus, [Sphe] <i>Dichroa</i>	
	[Sphe] <i>Sphecodes</i>	
	<i>giganteus</i> Cockerell, [Palacorchiza] (<i>Hylaesus</i>)	
	<i>Meghylaeus</i>	
	<i>gilberti</i> Cockerell, <i>Turnerella</i>	
	<i>glabratus</i> Cresson, [Epeolus] <i>Pyrrhomelecta</i> ..	
	<i>gleasoni</i> Titus, <i>Robertsonella</i>	
	<i>globulifera</i> Cockerell, [Gnathoprosopis]	
	<i>Sphaerhylaesus</i>	
	<i>gloriosa</i> Fox, [Megacilissa] (<i>Oxaea</i>) <i>Protoxaea</i> ..	
	<i>glutinosa</i> Giraud, [Heriades] <i>Protosmia</i>	
	<i>goeldiana</i> Friese, [Tetrapedia] <i>Lanthanome-</i>	
	<i>lissa</i>	
	[Tetrapedia] <i>Schrottkya</i>	
	<i>goryi</i> Romand, [Acanthopus] <i>Ctenioschelus</i> ...	
	[Acanthopus] (<i>Ctenioschelus</i>)	
	<i>Melissoda</i>	
	<i>graeffei</i> Alfken, [Colletes] <i>Denticolletes</i>	
	<i>graga</i> Eversmann, [Macrocera] <i>Tetraloniella</i> ..	
	<i>gracia</i> Eversmann, [Macrocera] <i>Tetraloniella</i> ..	
	<i>grandidieri</i> Buysson, <i>Thrausmus</i>	
	<i>grandis</i> Morawitz, [Osmia] <i>Megalosmia</i>	
	<i>gratiosa</i> F. Smith, [Augochlora] <i>Augochlarella</i> ..	
	<i>gratiosus</i> Holmberg, <i>Epimomispractor</i>	
	<i>greavesi</i> Rayment, <i>Melitribus</i>	
	<i>gribodoi</i> Magretti, [Trigona] <i>Hypotrigona</i>	
	<i>grindeliae</i> Cockerell, [Nomada] <i>Melanomada</i> ..	
	<i>grisea</i> Westwood, <i>Monia</i>	
	[Monia] <i>Monidia</i>	
	<i>griseocollis</i> Degeer, [Apis] <i>Separatobombus</i> ...	
	<i>haemorrhoidalis</i> Fabricius, [Andrena] <i>Cilissa</i> ..	
	<i>haemorrhoidalis</i> Fabricius, [Apis] (<i>Centris</i>)	
	<i>Hemisia</i>	
	<i>haemorrhoidalis</i> Panzer [Andrena] <i>Cilissa</i>	
	<i>halictoides</i> Holmberg, <i>Leptergatis</i>	
	<i>halictoides</i> F. Smith, [Andrena] (<i>Halictus</i>)	
	<i>Nesohalictus</i>	
	<i>halictoides</i> F. Smith, <i>Perdita</i>	
	<i>hatorfana</i> Fabricius, [Nomada] (<i>Andrena</i>)	
	<i>Charitandrena</i>	
	<i>helvola</i> Linnaeus, [Apis] <i>Andrena</i>	
	[Apis] <i>Anthochaessa</i>	
	<i>henshawi</i> Cockerell, [Apis] <i>Synapis</i>	
	<i>heraldica</i> F. Smith, [Prosopis] <i>Nothylaesus</i>	
	<i>herbsti</i> Friese, [Colletes] <i>Policana</i>	
	<i>herbsti</i> Vachal, <i>Lonchopria</i>	
	<i>heterodoxa</i> Cockerell, [Andrena] <i>Ancylan-</i>	
	<i>drena</i>	
	<i>heterodoxa</i> Cockerell, [Polyglossa] <i>Parapoly-</i>	
	<i>glossa</i>	
	<i>heterodoxus</i> Cockerell, <i>Notocolletes</i>	
	<i>hieroglyphica</i> F. Smith, [Ceratina] <i>Cerati-</i>	
	<i>nidia</i>	
	<i>hillaetus</i> F. Smith, <i>Parasphcodes</i>	
	<i>hirsutulum</i> Spinola, [Camptopoeum] <i>Liopoe-</i>	
	<i>um</i>	
	<i>hirtipes</i> Fabricius, [Andrena] <i>Dasypoda</i>	
	[Andrena] <i>Podasys</i>	
	<i>hirtipes</i> Fabricius, [Apis] <i>Centris</i>	
	[Apis] (<i>Centris</i>) <i>Epicharis</i>	
	<i>hirtipes</i> Morawitz, <i>Tarsalia</i>	
	<i>histrionica</i> Illiger, [Melecta] <i>Croceisa</i>	
	<i>holosericea</i> Schrottky, <i>Odyneropsis</i>	

	Page		Page
horni Strand, [Halictus] Ceylalicus.....	536	larreae Cockerell, [Bombomelecta] Xeromelecta.....	608
hortorum Linnaeus, [Apis] (Bombus) Hortobombus.....	559	larreae Cockerell, [Perdita] Perditella.....	587
humilis Cockerell, Chalobombus.....	536	lasureus Friese, [Halictus] Calleupetersia.....	533
humilis Imhof, [Andrena] Chlorandrena.....	538	lata Cresson, [Croceia] Ericrocis.....	549
husela Cockerell, [Prosopis] Euprosopis.....	551	lateralis Cresson, [Stelis] Microstelis.....	574
hyalina Cresson, [Perdita] Cockerellia.....	539	laticeps Friese, [Anthophora] Eucara.....	549
hyalinata F. Smith, [Hylaeus] (Prosopis) Sptulariella.....	600	laticeps Morawitz, [Anthidium] Archianthidium.....	528
hypnorum Linnaeus, [Apis] (Bombus) Pyrobombus.....	595	latimanus Say, [Megachile] Xanthosarus.....	607
ignita F. Smith, [Augochlora] Augochloropsis ilicifoliae Cockerell, [Halictoides] Amblyapis.....	529	laticus Cockerell, [Perdita] Macroteropsis.....	567
illinoensis Robertson, [Phileremus] Holcopasites.....	558	latipes Drury, [Apis] Audinetia.....	529
illustre Cresson, [Anthidium] Callanthidium.....	533	[Apis] Platynopoda.....	588
imitatus F. Smith, Leioproctus.....	563	latipes Fabricius, [Xylocopa] Audinetia.....	529
incertus Holmberg, Chalopogenus.....	537	[Xylocopa] Platynopoda.....	588
indecisus Cockerell, Protobombus.....	592	latitarsis Friese, [Trigona] Scaura.....	598
infaticeps Duce, [Halictus] (Corynura vel Corynuropsis) Rhinocorynura.....	596	latreillei Lepeletier, Mellisoda.....	571
infragilis Cresson, [Megachile] Anthemois.....	526	lecointei Duce, [Leiopodus] Parepeolus.....	585
inquirenda Vachal, Orphana.....	580	lefebvrei Lepeletier, [Bombus] Alpigebombus.....	524
[Orphana] Leptoglossa.....	563	leprieuri Blanchard, [Apis] Mellisodes.....	571
[Orphana] Ptoleglossa.....	595	libanensis Friese, [Exoneura] Exoneuridia.....	552
insolitus Cockerell, [Tripeolus] Synepeolus.....	602	ligatus Say, [Halictus] Odontalictus.....	579
integerrima Dalla Torre, [Nomada] Phor.....	587	ligusticus Spinola, [Bombus] Megabombus.....	567
integra Cresson, [Megachile] Xeromegachile.....	607	limao F. Smith, [Trigona] Lestrimelitta.....	564
integra Robertson, [Nomada] Phor.....	587	lobata Fabricius, [Dasypoda] Eriops.....	549
interrupta Fabricius, [Apis] Paraanthidium.....	582	[Dasypoda] Panurgus.....	582
inoensis Michener, [Ashmeadiella] Corythochila.....	541	lobata Panzer, [Andrena] Eriops.....	549
ipomoeae Robertson, [Xenoglossa] Cemelobus.....	534	[Andrena] Panurgus.....	582
ipomoeae Schrottky, Meliphila.....	570	longiceps Ashmead, Hylaesoma.....	559
ireos Pallas, [Apis] (Podalirius) Paramegilla.....	581	longicornis Fabricius, Eucera.....	549
iridescens Friese, Protomelissa.....	592	longicornis Linnaeus, [Apis] Eucera.....	549
itama Cockerell, [Trigona] Heterotrigona.....	558	longimana Fabricius, [Centris] Trachina.....	605
jaecintanum Cockerell, [Chelostoma] Cephalapis.....	535	longula Friese, Strandiella.....	602
javanus Ritsema, Steganomus.....	601	loveli Viereck, Conohalictoides.....	540
johnsoni Brèthes, Arhysosage.....	528	lustrans Cockerell, [Panurgus] Hemihalictus.....	557
jørgenseni Friese, [Nomia] Nomiocolletes.....	578	lutea Cameron, Ctenoapis.....	542
kirbyanus Latreille, [Epeolus] Phileremus.....	587	luteicornis Cockerell, [Melissodes] Martinapis.....	567
[Epeolus] (Phileremus) Ammobatoides.....	525	[Melissodes] Martinella.....	567
konowi Brauns, Eucandylops.....	519	lutcola Olivier, [Nomada] Xanthidium.....	607
kozlovi Skorikov, [Bombus] Kozlovibombus.....	561	lycorias Schrottky, [Augochloropsis] Paraugochloropsis.....	585
labialis Kirby, [Melitta] (Andrena) Holandrena.....	558	macrognathus Friese, [Halictus] Rostratilapis.....	597
labiata Fabricius, Megilla.....	568	maculata Cresson, [Melecta] Micromelecta.....	573
[Megilla] Macropis.....	566	[Melecta] Zacosmia.....	608
labiata Fabricius, [Andrena] Poecilandrena.....	589	maculata Jurine, Pasites.....	585
labiata Klug, Macropis.....	566	maculipennis Cameron, Lamproapis.....	562
labiata Provancher, Chelynia.....	537	maculipennis Friese, [Colletes] Ptilopoda.....	594
laboriosus Fabricius, [Bombus] (Psithyrus) Laboriopsithyrus.....	561	malpighiacearum Duce, Halictanthrena.....	556
lacertinus F. Smith, Leiopodus.....	563	malvae Rossi, [Apis] Macrocera.....	566
[Leiopodus] Melectoides.....	570	[Apis] Tetralonia.....	603
laesus Morawitz, [Bombus] (Agrobombus) Laesobombus.....	561	manicata Linnaeus, [Apis] Anthidium.....	526
laevigatum F. Smith, Stilpnosoma.....	601	manifestus Fox, [Panurgus] Callandrena.....	533
lagopus Latreille, [Andrena] Scapter.....	599	marginatus Cresson, [Panurgus] (Halictoides) Epihalictoides.....	548
laneae Cockerell, [Perdita] Perditella.....	587	marginipennis Cresson, Eunomia.....	550
lapidarius Linnaeus, [Apis] (Bombus) Lapidariobombus.....	562	[Eunomia] Dienuomia.....	516
[Apis] (Bombus) Melanobombus.....	569	mastrucatus Gerstaecker, [Bombus] Mastrocatorobombus.....	567
		maura Cockerell, [Perdita] Zaperdita.....	608
		maura Ferton, Pérezia.....	587
		[Pérezia] Fertonella.....	552
		maura Viereck, [Andrena] Dactylandrena.....	543
		maurula Cockerell, [Andrena] Protandrena.....	591

	Page		Page
<i>oblongatum</i> Latreille, [Anthidium] Proanthidium.....	590	<i>peringueyi</i> Friese, [Andrena] Rediviva.....	595
<i>obscura</i> Swenk, Viereckella.....	607	<i>pernigra</i> Schrottky, Cyphomelissa.....	543
<i>occidentalis</i> Haliday, [Colletes] (Diphaglossa) Cadequiala.....	532	<i>perpictum</i> Cockerell, [Anthidium] Paranthidium.....	584
<i>occipitale</i> Cockerell, [Pachyanthidium] Trichanthidium.....	605	<i>persimilis</i> Cockerell, [Nomia] Epinomia.....	549
<i>ochracea</i> Cockerell, Dasiapis.....	541	<i>persimulata</i> Viereck, [Andrena] Gonandrena.....	555
<i>ochrius</i> Vachal, [Halictus] (Megalopta) Megaloptella.....	568	<i>pertriste</i> Cockerell, Lithanthidium.....	565
<i>odontogaster</i> Cockerell, [Osmia] Acanthosmionides.....	522	<i>perviridis</i> Cockerell, [Prosopis] Palaeorhiza.....	582
<i>oenotherae</i> Mitchell, Megachiloides.....	567	<i>petulus</i> Cresson, [Megachile] Leptorachis.....	563
<i>ogilviei</i> Cockerell, [Rhinochaetula] Haplomelitta.....	556	<i>phaedra</i> Schrottky, Halictomorpha.....	556
<i>ogilviei</i> Cockerell, [Systropha] Systrophia.....	602	<i>philadelphii</i> Robertson, [Hieriades] Prochelostoma.....	590
<i>olivieri</i> Lepeletier, [Xylocopa] Proxylocopa.....	592	<i>philanthoides</i> Gerstaecker, Psaenythia.....	592
<i>opalina</i> F. Smith, Apista.....	528	<i>philanthoides</i> Saussure, Sphegocephala.....	601
[Apista] Egapista.....	547	<i>pieta</i> F. Smith, Callomelitta.....	533
<i>opuntiae</i> Cockerell, [Hieriades] Ashmeadiella.....	528	<i>pictipes</i> Nylander, [Hylaeus] (Prosopis) Paraprosopis.....	584
<i>opuntiae</i> Cockerell, [Perdita] Cockerellula.....	539	<i>pictus</i> Schrottky, Stenocolletes.....	601
[Perdita] Lutzella.....	566	<i>pilipes</i> Cresson, [Pasites] Nomadosoma.....	577
<i>oraniensis</i> Friese, Schmiedeknechtia.....	598	<i>pilipes</i> Fabricius, [Apis] Anthophora.....	527
<i>oraniensis</i> Lepeletier, Ancyra.....	525	[Apis] Podalirius.....	589
[Ancyra] Plistotrichia.....	588	<i>piliventris</i> Guérin, [Euglossa] Glossura.....	554
<i>oraniensis</i> Lepeletier, Phileremus.....	587	<i>platycephala</i> Cockerell, [Nomia] Macronomia.....	566
<i>orbigny</i> Guérin, Trigona.....	606	<i>platycera</i> Gerstaecker, [Osmia] Arctosmia.....	528
<i>oribazi</i> Radoszkowski, Maeroglossa.....	566	[Osmia] Lithosmia.....	565
[Macroglossa] Macroglossapis.....	566	<i>plumata</i> F. Smith, Anthoglossa.....	526
<i>orientalis</i> F. Smith, [Bombus] Orientalibombus.....	580	<i>plumatus</i> F. Smith, Ptilothrix.....	595
<i>osmioides</i> Ducke, [Halictus] Gastrohalictus.....	553	[Ptilothrix] Energonopus.....	547
<i>ovata</i> Kirby, [Melitta] (Andrena) Taeniana-drena.....	602	<i>podager</i> Vachal, [Halictus] Paragapostemon.....	583
<i>pacifica</i> Ashmead, Micrandrena.....	573	<i>politula</i> Cockerell, [Ctenoplectra] Ctenoplectrina.....	542
<i>pallidus</i> F. Smith, Osiris.....	580	<i>polytrichus</i> Cockerell, [Panurginus] Birkmania.....	585
<i>pamirus</i> Skorikov, [Subterraneobombus] Ober-tobombus.....	579	<i>pomorum</i> Panzer, [Bremus] (Bombus) Pomobombus.....	589
<i>pannonica</i> Mocsary, [Dioxys] Paradioxys.....	583	[Bremus] (Bombus) Rhodobombus.....	596
<i>panurgoides</i> Friese, Morawitzia.....	574	<i>pratensis</i> Fourcroy, [Vespa] Cingulata.....	538
<i>papaveris</i> Latreille, [Apis] Anthocopa.....	526	<i>pratrum</i> Linnaeus, [Apis] (Bremus) Prato-bombus.....	589
[Apis] Furcosmia.....	553	<i>pratti</i> Crawford, Sphecodosoma.....	601
[Apis] Phyllotoma.....	587	<i>pressus</i> Frison, [Bremus] Pressibombus.....	590
<i>papaveris</i> Lepeletier and Serville, Anthocopa.....	526	<i>producta</i> Cresson, Alcideana.....	523
<i>pauana</i> Meade-Waldo, Eupalaeorhiza.....	550	<i>productus</i> Cresson, [Phileremus] Hoplospites.....	559
<i>paradoxa</i> Friese, Fidella.....	553	<i>productus</i> Robertson, [Trypetes] Neotrypetes.....	576
<i>paradoxa</i> Friese, Leptoglossa.....	563	<i>pronitens</i> Cockerell, Titusella.....	604
[Leptoglossa] Ptoleglossa.....	595	<i>propinqua</i> Schenck, [Andrena] Simandrena.....	599
<i>paradoxus</i> Friese, Prosopoides.....	591	<i>prosopiformis</i> Gribodo, [Melipona] (Trigona) Paratrigona.....	585
<i>paradoxus</i> Morawitz, [Halictoides] Cephalicoides.....	535	<i>prosopoides</i> Ducke, [Oediseelis] Prosopoides.....	591
<i>parallela</i> F. Smith, [Megachile] Argyropile.....	528	<i>pruina</i> F. Smith, [Megachile] Pseudocentron.....	593
<i>parvula</i> Fabricius, [Apis] (Megilla) Nomioides.....	578	<i>pruinosa</i> Ashmead, Neolarra.....	575
<i>parvula</i> Holmberg, Hypochrotaenia.....	560	<i>pruinosa</i> Say, [Macrocera] Peponapis.....	586
<i>parvus</i> Robertson, [Calliopsis] Heterosarus.....	558	<i>psaenythioides</i> Brèthes, Eulonchopria.....	550
<i>pascuensis</i> Mitchell, [Megachile] Derotropis.....	545	<i>pubescens</i> F. Smith, Oestropsis.....	579
<i>passiflorae</i> Robertson, Anthemurgus.....	526	[Oestropsis] Gastropsis.....	554
<i>paulista</i> Schrottky, Neechelynia.....	575	<i>pugnatus</i> Say, [Megachile] Ceratias.....	535
<i>pelargoides</i> Cockerell, [Perdita] Glossoperdita.....	554	[Megachile] Gnathocera.....	554
<i>pendleburyi</i> Cockerell, Callomelecta.....	533	[Megachile] Sayapis.....	598
<i>pentamera</i> Cockerell, Hoplitella.....	559	<i>pulchella</i> Jurine, [Andrena] Nomioides.....	578
[Hoplitella] Hoplitina.....	559	<i>pulchella</i> Robertson, [Andrena] Pterandrena.....	594
<i>pereyae</i> Holmberg, Leptometria.....	563	<i>pulchra</i> Crawford, Townsendiella.....	605
		<i>pulchra</i> F. Smith, [Euglossa] Eufriesea.....	549
		[Euglossa] Eumorpha.....	550
		<i>punctata</i> Cameron, Stictonomia.....	601

Page	Page		
punctata Fabricius, [Apis] (Centris) Melecta.....	570	<i>rufimanus</i> Robertson, [Magachile] Chelostomoides.....	537
[Apis] (Centris) Symmorpha.....	602	<i>rufipes</i> Ashmead, Zacesta.....	608
<i>punctatus</i> Fabricius, [Epeolus] Philereus.....	587	<i>rufipes</i> Lepeletier, [Bombus] Rufipedibombus.....	597
<i>punctatus</i> Schenck, [Pasites] Blastoides.....	530	<i>rufiventris</i> Latreille, Ammobates.....	524
<i>punctipennis</i> Cresson, Coelioxoides.....	539	<i>rufobalteatum</i> Cameron, Protoanthidium.....	591
<i>punctulatissima</i> Kirby, [Apis] Ceraplastes.....	535	<i>rufocerulea</i> Friese, Brachyglossa.....	531
[Apis] Gymnus.....	555	[Brachyglossa] Brachyglossula.....	531
[Apis] Gyrodroma.....	555	<i>rufogastra</i> Lepeletier and Serville, Alloodape.....	523
[Apis] Stelis.....	601	<i>rugifrons</i> F. Smith, [Chelostoma] Chelostomoides.....	537
[Apis] Trachusa.....	605	<i>rugosa</i> Robertson, [Andrena] Trachandrena.....	605
<i>punica</i> Gribodo, Didonia.....	546	<i>rupestris</i> Fabricius, [Apis] Apathus.....	527
<i>purus</i> Say, [Halictus] Augochlora.....	529	[Apis] Psithyrus.....	594
<i>pygmaeus</i> Friese, [Pasites] Pseudopasites.....	594	<i>rustica</i> Olivier, [Apis] Centris.....	535
<i>pyrenaica</i> Lepeletier, Diphytes.....	546	[Apis] Epicharis.....	548
<i>quadratus</i> Friese, [Rhophites] Pararhophites.....	585	<i>sabulosus</i> Reed, Liphanthus.....	565
<i>quadricincta</i> Fabricius, [Apis] Halictus.....	556	<i>salviae</i> Panzer, Lasius.....	563
<i>quadricornis</i> Hedicke, [Prosopis] Hoploprosopis.....	559	<i>saxorum</i> Cockerell, Lithandrena.....	565
<i>quadridentata</i> Cresson, [Osmia] Diceratosima.....	545	<i>sayi</i> Cockerell, Dianthidium.....	545
<i>quadridentata</i> Linnaeus, [Apis] Coelioxys.....	539	<i>scatellata</i> Jurine, [Nomada] Crocisa.....	541
<i>quadrifasciata</i> Ashmead, Hoplonomia.....	559	<i>schottii</i> Fabricius, [Nomada] Pasites.....	585
<i>quadrifasciata</i> Villers, [Apis] (Anthophora) Amegilla.....	524	[Nomada] Rhineta.....	596
[Apis] (Podalirius) Alfenella.....	523	<i>schrottkyi</i> Friese, Pachycentris.....	581
<i>quadrinaculata</i> Panzer, [Apis] Lasius.....	562	<i>schultzei</i> Friese, [Halictus] Patellapis.....	586
<i>quinquespinosa</i> Spinola, Rophites.....	597	<i>scituli</i> Cockerell, Oreopasites.....	580
<i>ralunensis</i> Friese, [Sphecodes] Callosphæcodes.....	533	<i>scotti</i> Cockerell, [Sphecodes] (Eupetersia) Nesoeupetersia.....	576
<i>ranunculi</i> Robertson, [Sphecodes] Proteraneranunculi.....	591	<i>scripta</i> Gerstaecker, Euglages.....	549
<i>rapunculi</i> Lepeletier, Heriades.....	557	<i>scutellaris</i> Fabricius, [Nomada] Crocisa.....	541
<i>rectangulata</i> Cockerell, Euryglossidia.....	551	[Nomada] Crocisa.....	541
<i>reducta</i> Cockerell, Pelandrena.....	586	[Nomada] Thyreus.....	604
<i>renitantly</i> Saussure, Thrinchostoma.....	604	<i>seladonius</i> Fabricius, [Apis] (Halictus) Seladonia.....	599
<i>retusa</i> Linnaeus, [Apis] Anthophora.....	527	<i>semipurpurea</i> Cockerell, [Euryglossa] Euryglossina.....	551
<i>rhodognatha</i> Cockerell, [Ashmeadiella] Chilosisima.....	537	<i>semirubra</i> Cockerell, [Heriades] Proteriades.....	591
<i>rhodura</i> Cockerell, [Megachile] Hackeriapis.....	556	<i>senex</i> Taschenberg, Melectoides.....	570
<i>rhopalocera</i> Holmberg, Thyreothremma.....	604	<i>senex</i> Vollenhoven, [Bombus] Senexibombus.....	599
<i>robbii</i> Crawford, [Halictus] Nesohalictus.....	576	<i>separatus</i> Cresson, [Bombus] (Bremus) Separatobombus.....	599
<i>robusta</i> Radoszkowski, [Cilissa] Pseudocilissa.....	593	<i>sericea</i> Christ, [Apis] (Andrena) Leucandrena.....	564
<i>robustus</i> F. Smith, [Bombus] (Alpigenobombus) Robustobombus.....	597	<i>serotinum</i> Cockerell, Prosopisteron.....	591
<i>rostrata</i> Friese, [Oediscelis] Pseudiscelis.....	593	<i>serrata</i> Friese, Bicornelia.....	530
<i>rubi</i> Cockerell, [Stelis] (Chelynia) Melanostelis.....	569	<i>serratulae</i> Panzer, Trachusa.....	605
<i>rubicunda</i> Kirby [Melitta] Halictus.....	556	<i>serricornis</i> Blüthgen, [Thrinostoma] Nesothrinostoma.....	576
<i>rubicundus</i> F. Smith, [Bombus] (Fervidobombus) Rubieundobombus.....	597	<i>sexincinetus</i> Fabricius, [Hylaeus] Halictus.....	556
<i>rubifloris</i> Cockerell, [Chelynia] Chelostomopsis.....	537	<i>sexmaiculata</i> Cockerell, [Perdita] Tetraperdita.....	604
[Chelynia] (Chelostomopsis) Raphidostoma.....	595	<i>seyrigi</i> Blüthgen, Parathrinostoma.....	585
<i>rubriventris</i> Spinola, Chilicola.....	537	<i>sibiricus</i> Fabricius, [Apis] (Bombus) Sibiricobombus.....	509
<i>rufa</i> Friese, Mermiglossa.....	572	<i>siculum</i> Spinola, [Anthidium] Rhodanthidium.....	596
<i>rufa</i> Linnaeus, [Apis] Ceratosmia.....	536	<i>signata</i> Panzer, [Sphecx] Hylaeus.....	560
[Apis] Osmia.....	580	[Sphecx] Prosopis.....	590 and 591
[Apis] (Osmia) Amblys.....	524	<i>signatus</i> Latreille, Hylaeus.....	560
[Apis] (Osmia) Pachyosmia.....	581	<i>silvestrii</i> Friese, [Trigona] Frieseomelitta.....	553
<i>rufescens</i> Westwood, Alphaneura.....	523	<i>simillima</i> F. Smith, [Osmia] (Nothosmia) Monilosmia.....	574
<i>ruficaudus</i> Michener, [Halictoides] Mieralictoides.....	573	<i>simplex</i> Cresson, [Heriades] Robertsonella.....	597
<i>ruficollis</i> Lepeletier, Macrocera.....	566	<i>sinaitica</i> Alfken, Paracrocisa.....	583
<i>ruficornis</i> Linnaeus, [Apis] Nomada.....	577	<i>singularis</i> Linsley and Michener, Protepeolus.....	591
<i>ruficornis</i> Scopoli, Nomada.....	577		

	Page		Page
<i>singularis</i> Rayment, [Paracolletes] Lysicolletes.....	566	<i>terrestris</i> Linnaeus, [Apis] Bombus.....	531
<i>sitkensis</i> Nylander, [Bombus] Poecilobombus.....	589	[Apis] (Bombus) Leucobombus.....	564
<i>sjoestedti</i> Friese, [Megachile] Amegachile.....	524	[Apis] Bremus.....	532
<i>smaragdina</i> F. Smith, Thalestria.....	604	[Apis] (Bremus) Terrestris-bombus.....	603
<i>smaragdula</i> Fabricius, [Apis] (Megilla) Pithitis.....	588	<i>testacea</i> Klug, [Melipona] Partamona.....	585
<i>somalica</i> Magretti, [Nomioides] Cellariella.....	534	[Melipona] Patera.....	586
[Nomioides] (Cellariella) Cellaria.....	534	<i>testaceicornis</i> Lepeletier, [Melipona] Nannotrigona.....	575
<i>soroensis</i> Fabricius, [Apis] (Bombus) Soroensisbombus.....	600	texana Cresson, [Nomada] Cephena.....	535
[Apis] Kallobombus.....	561	Speecodogastra.....	600
<i>sphaerocephala</i> Schrottky, Mierangochlora.....	573	<i>thomasi</i> Cockerell, Austrodiroyx.....	530
<i>spiloptera</i> Cockerell, [Colletes] Ptilopoda.....	594	<i>thoracica</i> Cresson, [Meclecta] Bombomelecta.....	531
<i>spiniferus</i> Viereck, Cryptohalictoides.....	541	<i>thoracica</i> Fabricius, [Apis] (Andrena) Gynandrena.....	555
<i>spinolae</i> Cockerell, [Augochlora] Augochloropsis.....	529	thoracica Friese, Biglossa.....	530
[Augochlora] Paraugochlora.....	585	<i>tibetanus</i> Morawitz, [Apathus] (Psithyrus) Eopsithyrus.....	547
<i>spinolae</i> Dalla Torre, [Colletes] Lonchopria.....	565	<i>tibialis</i> Kirby, [Melitta] (Andrena) Plastandrena.....	588
<i>spinulosa</i> Kirby, [Apis] Hoplosmia.....	559	<i>timberlakei</i> Cockerell, Xeralictus.....	607
<i>spiralis</i> Olivier, [Andrena] Systropha.....	602	<i>timberlakei</i> Linsley, Triopasites.....	606
<i>splendida</i> Fabricius, [Apis] (Xylocoopa) Acanthopus.....	521	<i>timberlakei</i> Michener, [Ashmeadiella] Arogochila.....	528
<i>standingeri</i> Gribodo, [Trigona] Dactylurina.....	544	<i>tintinnans</i> Holmberg, Epelectica.....	547
<i>steloides</i> Bingham, [Megachile] Protanthidium.....	591	titus Cockerell, [Ceratina] Crewella.....	541
[Anthidium] Notanthidium.....	578	<i>tomentosus</i> Eversmann, [Hylaeus] (Halictus) Monilapis.....	574
<i>steloides</i> Spinola, [Anthidium] Notanthidium.....	578	<i>torrida</i> Westwood, Mesotrichia.....	573
<i>stheua</i> Schrottky, [Augochloropsis] Pseudaugochloropsis.....	593	<i>torridum</i> F. Smith, [Halictus] (Thrinexostoma) Eothrinexostoma.....	548
<i>strenuus</i> Holmberg, Energoponus.....	547	<i>tranquebarica</i> Fabricius, [Bombus] (Xylocoopa) Nyceotomelitta.....	579
<i>striatulus</i> Cockerell, Heriadsopsis.....	557	<i>triangulifera</i> Vachal, [Nomia] Epinomia.....	549
<i>strigatum</i> Panzer, [Trachusa] (Anthidium) Anthidiellum.....	526	<i>tricaratus</i> Bingham, [Megachile] (Heriades) Neriades.....	578
[Trachusa] (Anthidium) Ceranthidium.....	536	<i>trichothalmus</i> Cameron, Caenohalictus.....	532
<i>stygius</i> Robertson, [Sphecodes] Machacris.....	566	<i>tricineta</i> Kirby, Melitta.....	571
<i>subignita</i> Cockerell, [Augochlora] Augochloropsis.....	529	[Melitta] Cilissa.....	538
<i>subterraneus</i> Linnaeus, [Apis] (Bremus) Subterraneobombus.....	602	[Melitta] Kirbya.....	561
<i>succinata</i> Linnaeus, [Apis] Colletes.....	540	<i>tringulum</i> Curtis, Lasioglossum.....	562
[Apis] (Colletes) Evodia.....	552	<i>tricornis</i> Radoszkowski, [Bombus] (Agrobombus) Triornibombus.....	606
<i>succinata</i> Panzer, Nomada.....	577	<i>tricornis</i> Latreille, Osmia.....	580
<i>succini</i> Tosi, Meliponorytes.....	570	<i>tridentata</i> Dufour and Perris, [Osmia] Tridentosmia.....	606
<i>superba</i> Cresson, [Nomada] Holonomada.....	558	<i>trifasciatum</i> Spinola, [Camptopoeum] Acamptopoeum.....	521
<i>superba</i> Hoffmannsegg, Plusia.....	588	<i>trimmerana</i> Kirby, [Melitta] (Andrena) Hopandrena.....	559
<i>superba</i> F. Smith, Megacilissa.....	567	<i>triodonta</i> Cockerell, [Osmia] Atoposmia.....	529
<i>swammerdamella</i> Kirby, [Melitta] Dasypoda.....	541	<i>truncata</i> Nylander, [Nomada] Melittosena.....	572
<i>sylvurum</i> Linnaeus, [Apis] Thoracobombus.....	604	<i>truncatum</i> F. Smith, [Anthidium] (Pachyanthidium) Micranthidium.....	573
<i>taclobanensis</i> Cockerell, [Halictus] Homalictus.....	559	<i>truncorum</i> Fabricius, [Anthophora] Heriades.....	557
<i>tandilensis</i> Holmberg, Melissoptila.....	571	<i>truncorum</i> Linnaeus, [Apis] Heriades.....	557
<i>tanguticus</i> Morawitz, [Bombus] Tanguticobombus.....	603	[Apis] (Heriades) Trypetes.....	607
<i>tarsata</i> Spinola, [Tetralonia] Habrophora.....	556	<i>trypetinum</i> Robertson, Stelidium.....	601
[Tetralonia] Habropoda.....	556	<i>turnerae</i> Ducke, [Calliopsis] Protomeliturga.....	592
<i>taurea</i> Say, [Anthophora] Entechnia.....	547	<i>umbraculata</i> Fabricius, [Centris] Epicharis.....	548
<i>tegnularis</i> Cockerell, Afrostelis.....	522	<i>ursina</i> Gmelin, [Apis] Panurgus.....	582
<i>tejonensis</i> Cresson, [Ceratina] Zadontomerus.....	608	<i>ursinus</i> Haliday, Ancyloseelis.....	525
<i>terminalis</i> Cresson, [Anthophora] Clisodon.....	559	<i>ussuriana</i> Popov, [Ctenoplectra] Paramacropis.....	583
<i>terminalis</i> F. Smith, [Tetralonia] Thygater.....	604		
<i>terrestris</i> Fabricius, [Apis] Bombus.....	531		

Page	Page		
vallorum Cockerell, [Podalirius] Antho- phoroides.....	527	victoriae Cockerell, [Gastropsis] Melitribus..	571
vandeveldii Meunier, Stellenigris.....	601	vidua F. Smith, [Megachile] Delomegachile..	544
variabilis Friese, [Nomia] Reepenia.....	595	vigilans Cockerell, Phileremulus.....	587
variegata Fabricius, [Mellinus] (Prosopis) Navicularia.....	575	villosa Schenck, [Megachile] Arctosmia.....	523
variegata Fabricius, [Nomada] Epeolus.....	548	[Megachile] (Osmia) Lithos- mia.....	565
variegata Linnaeus, [Apis] Epeolus.....	548	violacea Fabricius, [Xylocopa] Xilocopa.....	608
variegata Morawitz, Epimethea.....	548	violacea Linnaeus, [Apis] Xilocopa.....	608
variegata Olivier, [Andrena] (Nomiodes) Eunomioides.....	550	violaceipennis Cameron, Melanapis.....	569
variegata F. Smith, [Allodape] Allodapula ..	523	violae Robertson, [Andrena] Iomelissa.....	561
variolosa Cresson, [Megachile] (Heriades) Neotrypeta.....	576	viperinus Holmberg, [Epeolus] Calospiloma ..	533
variolosa Holmberg, Trophocleptria.....	606	[Epeolus] Palinepeolus ..	582
velutina Lepeletier and Serville, [Mesocheira] Hopliphora.....	559	viride Perty, Cnemidium.....	539
[Mesocheira] (Hopliphora) Oxyedys ..	580	viridiceps Cockerell, Ctenoplectrella.....	542
venustus F. Smith, [Lamprocolletes] Tricho- colletes.....	605	volucelloides Gribodo, [Bombus] Volucello- bombus.....	607
verbenae Cockerell and Porter, [Calliopsis] Verhenapis.....	607	vulgaris Schenck, Dufourea.....	547
vernalis Philippi, Oediscelis.....	579	wellmanni Cockerell, Gronoceras.....	555
vernoniae Schrottky, Ctenocorynura.....	542	williamsi Bridwell, Gnathylaeus.....	555
versatilis Bridwell, Mimulapis.....	574	wilmattae Cockerell, Xeromelissa.....	608
versicolor Fabricius, [Apis] (Centris) Cyano- centris.....	543	xanthogaster Alfken, Rhopalomelissa.....	596
vestita Provancher, [Andrena] Platandrena ..	588	xanthopoda Cockerell, [Prosopis] Gnatho- prosopis.....	554
viator Cockerell, Melissina.....	570	xanthopus Kirby, [Melitta] Lasioglossum ..	562
		xenomastax Michener, [Ashmeadiella] Cub- itognatha.....	543
		xylocopoides F. Smith, [Megachile] Melanos- arus.....	569
		zapoteca Cresson, [Megachile] Cressoniella ..	541
		zebrata Cresson, [Perdita] Neoperdita.....	576
		zonalis Cresson, [Perdita] Nomadopsis.....	577

