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CATALOGUE OF NORTH AMERICAN BEETLES
OF THE
FAMILY CLERIDAE

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ALBERT B. WOLCOTT

FIELDIANA: ZOOLOGY

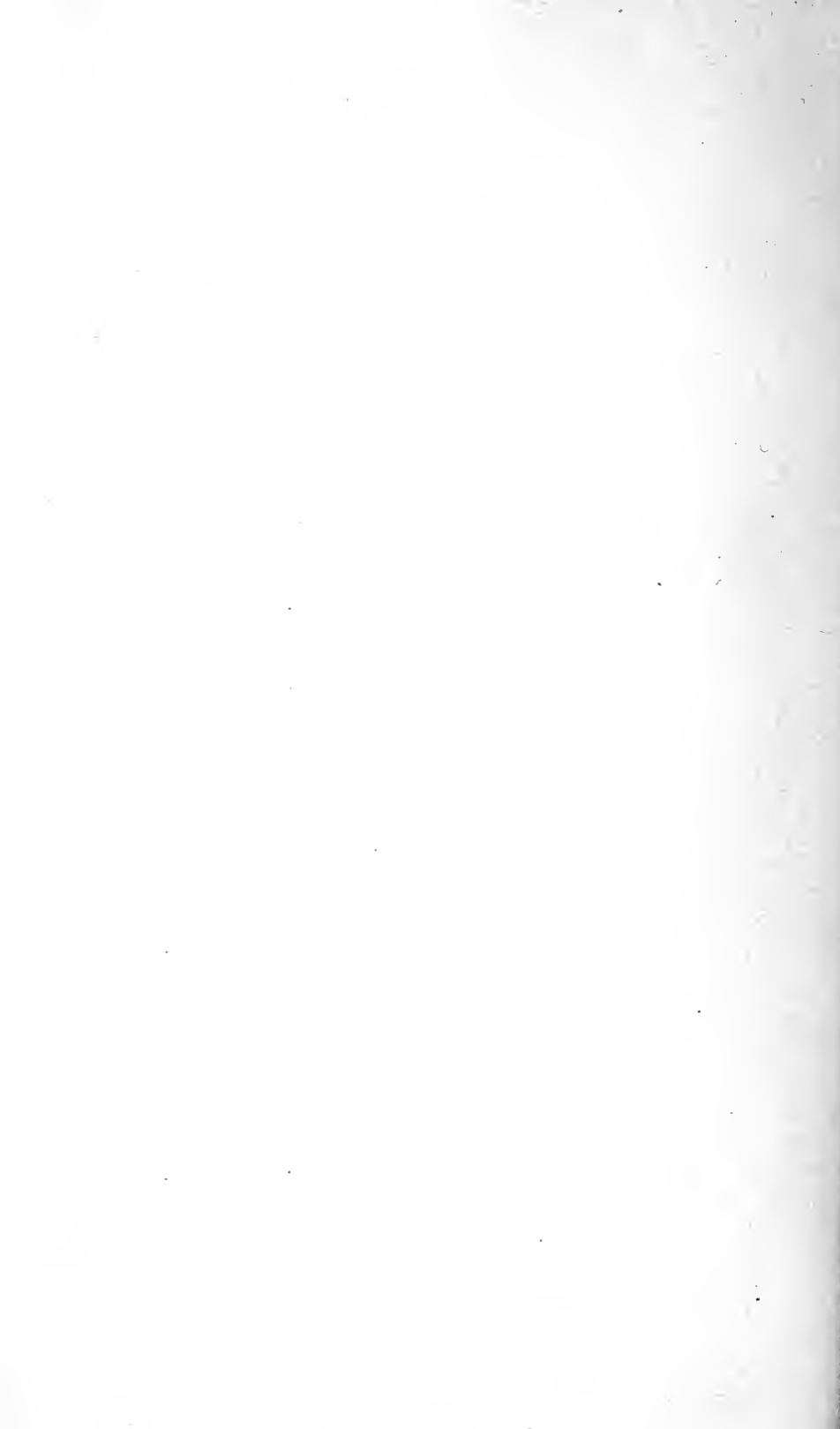
VOLUME 32, NUMBER 2

Published by

CHICAGO NATURAL HISTORY MUSEUM

JUNE 12, 1947

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CATALOGUE OF NORTH AMERICAN BEETLES
OF THE
FAMILY CLERIDAE

ALBERT B. WOLCOTT

*Assistant Curator, Harris Public School Extension
Retired February 1, 1942*

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FOREWORD

My friend Albert B. Wolcott has honored me with the request that I write a short foreword for this catalogue, and I do it with pleasure. Wolcott, long the foremost student of the Cleridae in our country, has established for himself a permanent place on the roster of American Coleopterology. The present catalogue reflects his considered opinions concerning many complicated questions of clerid taxonomy and synonymy, with which opinions I find myself in complete agreement. I am sure that he took no pleasure in suppressing the well-known but invalidly established name, *Hydnocera*. Such suppressions are, unfortunately, necessary if we are to derive from the present confused nomenclature, based on the anarchy of individual preference, a stable nomenclature conforming with the International Rules.

EDWARD A. CHAPIN

United States National Museum

INTRODUCTION

In order that certain necessary changes in nomenclature and systematics may be made known to those interested in the North American Cleridae, the present revision of existing catalogues is offered.

It was not until 1841 that an attempt was made to bring together the available knowledge concerning the group of beetles now known as the family Cleridae. In that year the Marquis Spinola published a synopsis of the genera that he considered as belonging to the group, with indications that a monographic treatment of the species would follow. Apparently stimulated by this preliminary paper, Klug (1842) gave the descriptions of the new species and genera known to him. In 1844, there appeared the promised Spinola monograph, a beautifully prepared and fully illustrated account of the world fauna of this interesting family. Thus a foundation was laid for the further study of the Cleridae.

Five years later LeConte (1849) offered the first synopsis of the North American species, including therein many not previously known. Further elucidation of our fauna was later made by the same author (1861) and by LeConte and Horn (1883); both papers were published by the Smithsonian Institution.

During this period, various synopses and catalogues of the world fauna had appeared. Most notable among these is the generic synopsis of Lacordaire (*Gen. Coleopt.*, 4, 1857). In 1849 Adam White prepared and issued a catalogue of the coleopterous insects in the British Museum, describing the new genera and species found in that collection. Two papers of similar scope were written by Chevrolat (1874, 1876) dealing with his own collection. In 1869 there appeared the first world catalogue of the Coleoptera, by Gemminger and Harold. At this date 697 species of clerids were known from the whole world.

Henry S. Gorham was the author of a series of papers on the family, starting in 1876 and continuing into the 1900's, among which is the part on the Cleridae in the *Biologia Centrali-Americana* (1882-86). This contribution is of definite interest to North American students.

In 1900, Lodhe's catalogue appeared (Stettin. ent. Zeitg., 61, 1900). It lists a total of 1,822 species, a testimonial to the industry of the species describers during the previous thirty years. The need for a new generic revision was obvious and this need was met by the appearance in 1903 of Schenkling's masterful work in the Wytzman *Genera Insectorum*. Such a work always stimulates activity in a group, and Schenkling (1906) found it necessary to introduce into the literature many changes in systematics and nomenclature, in anticipation of his forthcoming part of the Junk *Catalogus Coleopterorum*. This was published in 1910 and showed that the number of species of clerids had increased to 2,285. Since the publication of the 1910 catalogue, a paper of general interest, dealing with the systematics of the group as a whole, has been published by Chapin (1924). In it the subfamilies are discussed and re-defined. Students of the American fauna will also be interested in a manual of the American genera of Coleoptera prepared by Bradley (1930).

In recent years some important subfamily and generic revisions have appeared. The more important of these are Linsley's study of the genus *Aulicus* (1936), Corporaal's revision of the subfamily Thaneroclerinae (1939), and Wolcott's treatment of the genus *Orthopleura* (1943).

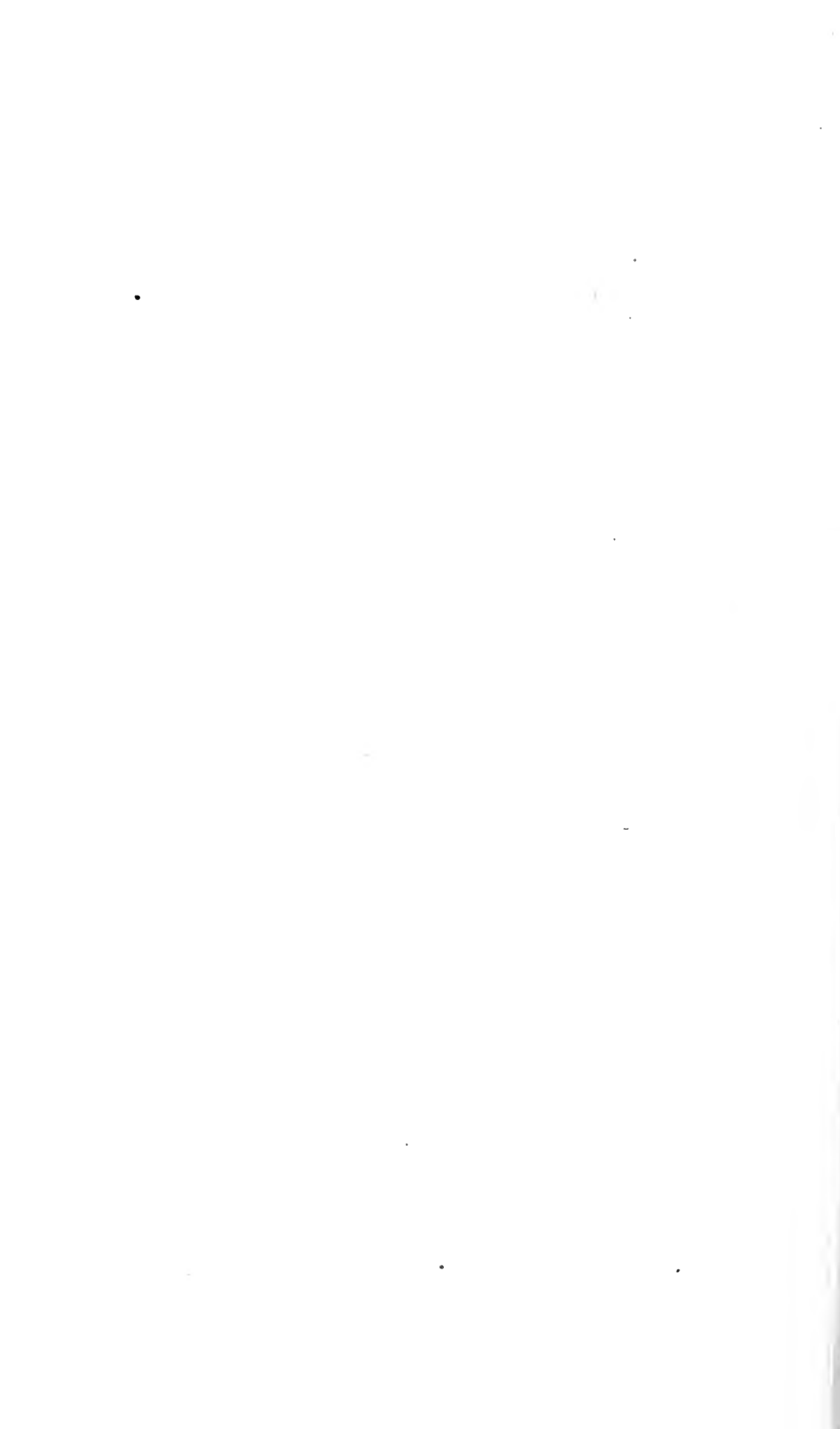
It is necessary to explain my reason for considering *Clerus alvearius* Fabricius to be the genotype of *Trichodes* Herbst. Malaise (Ent. News, 48, pp. 130-134, 1937; Ent. Tidskr., 59, pp. 99-106, 1938) and Blackwelder (Bull. Brooklyn Ent. Soc., 41, pp. 72-78, 1946) have outlined the arguments for accepting Fabricius as the designator of genotypes; McAtee and Malloch (Proc. U. S. Nat. Mus., 67, Art. 1 [No. 2573], pp. 129-131, 1926) have given arguments against this point of view. I am in agreement with Malaise and Blackwelder and consider that *Clerus alvearius* was established as the genotype of *Trichodes* by Fabricius (Syst. Eleuth., 1, p. 284, 1801). If, in the future, the Commission renders a definite opinion against accepting the Fabrician designations, then the name *Trichodes* must be suppressed and the name *Clerus* applied to the genus, since Curtis (Brit. Ent., 1, pl. 44, 1824) later established *alvearius* as the genotype of *Clerus*.

In closing, I may say that no apologies are offered for the elimination of the well-known generic name *Hydnocera* from the family. The change is dictated by the Rules of the International Commission on Zoological Nomenclature. Dejean, in his series of catalogues, proposed numerous new generic names, many of which are defined

by the inclusion of species which had already been validly described. Students of the Rules agree that such names fulfill the requirements of the Code and must be accepted as valid. However, for many years the Dejean catalogues were treated by other writers as a source of names, and many cases of transference of names have occurred. *Phyllobaenus* was proposed by Dejean to include, among others, *Clerus humeralis* Germar, a validly described species. Spinola disregarded this and transferred the name to a genus in another subfamily of the Cleridae. Under the Rules it must be restored to its rightful position, making *Hydnocera* Newman a synonym.

I offer thanks to Dr. Edward A. Chapin, Curator of Insects, United States National Museum, for reading this manuscript and making certain suggestions.

ALBERT B. WOLCOTT



FAMILY CLERIDAE

Subfamily TILLINAE

Genus *Monophylla* Spinola

Monophylla Spinola, Rev. Zool., 4, p. 75, 1841; Monog. Clér., 1, p. 384, 1844.

Macrotelus Klug, Abh. König. Akad. Wiss. Berlin, 1840-42, p. 274, 1842.

Elasmocerus LeConte, Ann. Lyc. Nat. Hist. N. Y., 5, p. 13, 1849.

Genotype: *Tillus terminatus* Say

californica Fall, Occ. Papers Calif. Acad. Sci., 8, p. 251, 1901.

substriata Wolcott, Field Mus. Nat. Hist., Zool. Ser., 7, p. 340, 1910.

Utah, Oregon,
California,
Arizona, Lower
California,
Costa Rica

pallipes Schaeffer, Journ. N. Y. Ent. Soc., 16, p. 128, 1908.

Texas

ruficollis Schaeffer, op. cit., 19, p. 121, 1911.

Arizona

terminata Say, Boston Journ. Nat. Hist., 1, p. 160, 1835.

megatoma Spinola, Monog. Clér., 1, p. 385, pl. 28, fig. 5, 1844.

Eastern North
America to
Texas and
Arizona

Genus *Callotillus* Wolcott

Callotillus Wolcott, Ent. News, 22, p. 115, 1911.

Genotype: *Callotillus eburneocinctus* Wolcott

eburneocinctus Wolcott, loc. cit., p. 115.

Southern Flor-
ida

elegans Erichson, Arch. Naturg., 13, p. 85, 1847.

occidentalis Gorham, Biol. Centr.-Amer., Ins.-Coleop., 3, pt. 2, p. 129, pl. 9, figs. 1, 2, 1882.

Texas, New
Mexico, Ari-
zona, Lower
California,
Central Amer-
ica

vafer Wolcott, Proc. U. S. Nat. Mus., 59, p. 270, 1921.

California, Ari-
zona, New
Mexico

Genus *Tillus* Olivier

Tillus Olivier, Ent., 2, No. 22, 1790.

Cylinder Voet, Cat. Syst. Col., 1, p. 78, 1769-1806 (not Mueller 1766).

Genotype: *Chrysomela elongata* Linnaeus, Syst. Nat., ed. 10, p. 377, 1758 (Europe)

- collaris* Spinola, Monog. Clér., 1, p. 98, pl. 2, fig. 6, 1844. Ohio, Georgia,
Louisiana,
Alabama,
Texas, Mexico
- patagoniae* Knull, Ohio Journ. Sci., 46, p. 72, 1946. Arizona

Genus *Perilypus* Spinola

Perilypus Spinola, Monog. Clér., 1, p. 103, 1844.

Genotype: *Perilypus carbonarius* Spinola

- carbonarius* Spinola, loc. cit., p. 105, pl. 5, fig. 4. California,
Nevada

Genus *Lecontella* Wolcott and Chapin

Lecontella Wolcott and Chapin, Bull. Brooklyn Ent. Soc., 13, p. 107, 1918.

Genotype: *Cymatodera cancellata* Leconte

- cancellata* LeConte, Proc. Acad. Nat. Sci. Phila., 7, p. 81, 1854. Maine, North
Carolina, Mis-
souri, Kansas,
Oklahoma, Arizona
Texas, Arizona
- brunnea* Melsheimer, Proc. Acad. Nat. Sci. Phila., 2, p. 306, 1846 (not Spinola 1844).
- gnara* Wolcott, Coleop. Contr., 1, p. 105, 1927. Oklahoma,
Arizona

Genus *Cymatodera* Gray

Cymatodera Gray, in Griffith's Anim. Kingd., Ins., 1, p. 375, 1832.

Cymatoderus Desmarest in Chenu, Encycl. d'Hist. Nat., Coleop., 2, p. 240, 1860.

Genotype: *Cymatodera hopei* Gray

- aegra* Wolcott, Proc. U. S. Nat. Mus., 59, p. 271, pl. 43, figs. 2, 3, 1921. Arizona
- aemula* Wolcott, Field Mus. Nat. Hist., Zool. Ser., 7, p. 348, pl. 6, fig. 9, 1910. Arizona
- aethiops* Wolcott, loc. cit., p. 350, pl. 6, figs. 10-13. Texas, Arizona
- angustata* Spinola, Monog. Clér., 1, p. 149, pl. 7, fig. 1, 1844. California,
Mexico,
Arizona
- ?angustata* LeConte, Smiths. Misc. Coll., 6, No. 167, 2d ed., p. 96, 1866.
- antennata* Schaeffer, Journ. N. Y. Ent. Soc., 16, p. 128, 1908. Arizona
- balteata* LeConte, Proc. Acad. Nat. Sci. Phila., 7, p. 81, 1854. Texas
- fallax* Horn, Trans. Amer. Ent. Soc., 12, p. 153, 1885.
- belfragei* Horn, op. cit., 5, p. 226, pl. 1, fig. 11, 1876. Texas
- bicolor* Say, Journ. Acad. Nat. Sci. Phila., 5, p. 174, 1825. Canada,
Georgia, New
York, Illinois,
Kansas, Texas,
Arizona

- brevicollis* Schaeffer, Journ. N. Y. Ent. Soc., 25, p. 130, 1917. Arizona
- californica* Horn, Trans. Amer. Ent. Soc., 2, p. 134, 1868. California,
Lower California
- cephalica* Schaeffer, Journ. N. Y. Ent. Soc., 16, p. 130, 1908. Lower California
- cognata* Wolcott, Ent. News, 21, p. 320, 1910. Utah, Nevada
- confusa* Wolcott, Proc. U. S. Nat. Mus., 59, p. 282, 1921. North Carolina,
Missouri,
Texas
- cylindricollis* Chevrolat, Coleop. Mex., Cent. I, Fasc. 1, No. 11, 1833. Arizona, Mexico
- decipiens* Fall, Can. Ent., 38, p. 114, 1906. California
- delicatula* Fall, loc. cit., p. 113. Arizona, California,
Lower California,
Mexico
- fascifera* LeConte, Smiths. Misc. Coll., 6, No. 167, 2d ed., p. 95, 1866. Lower California
- flavosignata* Schaeffer, Journ. N. Y. Ent. Soc., 16, p. 129, 1908. Arizona
- fuchsii* Schaeffer, op. cit., 12, p. 216, 1904. Utah, Nevada,
Texas, Arizona,
New Mexico,
California
- comans* Wolcott, Field Mus. Nat. Hist., Zool. Ser., 7, p. 351, pl. 6, figs. 14-16, 1910.
- fuscula* LeConte, Ann. Lyc. Nat. Hist. N. Y., 5, p. 212, 1852. Arizona, Mexico
- var. *texana* Gorham, Biol. Centr.-Amer., Ins.-Coleop., 3, pt. 2, p. 134, 1882. Texas
- hopei* Gray in Griffith's Anim. Kingd., Ins., 1, p. 375, pl. 48, fig. 1, 1832. California,
Mexico
- gigantea* Horn, Trans. Amer. Ent. Soc., 8, p. 148, 1880.
- horni* Wolcott, Field Mus. Nat. Hist., Zool. Ser., 7, p. 349, 1910; Journ. N. Y. Ent. Soc., 30, pp. 191-194, figs. 1, 2, 1922. Arizona, California
- californica* Horn, Trans. Amer. Ent. Soc., 5, p. 225, pl. 1, fig. 9, 1876 (not Horn 1868).
- inornata* Say, Boston Journ. Nat. Hist., 1, p. 161, 1835. Canada, Eastern United States to Utah and Arizona
- tenera* LeConte, Ann. Lyc. Nat. Hist. N. Y., 5, p. 14, 1849.
- isabellae* Wolcott, Field Mus. Nat. Hist., Zool. Ser., 7, p. 345, pl. 6, fig. 7, 1910. Utah, Arizona
- knausi* Wolcott, Proc. U. S. Nat. Mus., 59, p. 278, pl. 43, figs. 24, 25, 1921. Utah, Arizona
- laevicollis* Schaeffer, Journ. N. Y. Ent. Soc., 16, p. 130, 1908. Arizona
- latefascia* Schaeffer, op. cit.; 12, p. 216, 1904. Arizona
- longicornis* LeConte, Ann. Lyc. Nat. Hist. N. Y., 5, p. 16, 1849. Utah, Arizona,
New Mexico

- longula* Wolcott, Proc. U. S. Nat. Mus., 59, p. 280, 1921. Arizona
rudis Wolcott, loc. cit., p. 281.
- mittelli* Chapin, Proc. Biol. Soc. Wash., 40, p. 144, 1927. Texas, Mexico
- mitis* Wolcott, Proc. U. S. Nat. Mus., 59, p. 273, pl. 43, fig. 8, 1921. Arizona
- morosa* LeConte, Proc. Acad. Nat. Sci. Phila., 10, p. 71, 1858. Colorado, Arizona, New Mexico, California, Mexico
- mystica* Wolcott, Proc. U. S. Nat. Mus., 59, p. 275, pl. 43, figs. 16-19, 1921. Utah
- neomexicana* Knull, Ent. News, 45, p. 9, 1934. New Mexico
- obliquefasciata* Schaeffer, Journ. N. Y. Ent. Soc., 12, p. 215, 1904. New Mexico, Texas
- oblita* Horn, Trans. Amer. Ent. Soc., 5, p. 227, pl. 1, fig. 12, 1876. Nevada, Arizona, Lower California
- ovipennis* LeConte, Proc. Acad. Nat. Sci. Phila., 11, p. 76, 1859. Arizona, New Mexico, California
pilosella LeConte, Smiths. Misc. Coll., 6, No. 167, 2d ed., p. 95, 1866.
- pallida* Schaeffer, Journ. N. Y. Ent. Soc., 16, p. 128, 1908. Texas
- peninsularis* Schaeffer, op. cit., 12, p. 214, 1904. Arizona, Lower California
- pubescens* Wolcott, Bull. Wisc. Nat. Hist. Soc., 7, p. 94, 1909. Texas
- punctata* LeConte, Ann. Lyc. Nat. Hist. N. Y., 5, p. 212, 1852. California, Lower California
- puncticollis* Bland, Proc. Ent. Soc. Phila., 1, p. 356, 1863. Texas, New Mexico, Lower California
- purpuricollis* Horn, Proc. Calif. Acad. Sci., 4, p. 381, 1894. Arizona, Lower California
- rufiventris* Wolcott, Coleop. Contr., 1, p. 105, 1927. California
- santarosae* Schaeffer, Bull. Brooklyn Mus., 1, No. 7, p. 152, 1905. Lower California
- schwarzi* Wolcott, Proc. U. S. Nat. Mus., 59, p. 274, pl. 43, figs. 11, 12, 1921. Arizona
- sirpata* Horn, Trans. Amer. Ent. Soc., 12, p. 152, 1885. Texas
 var. *spatiosa* Wolcott, Proc. U. S. Nat. Mus., 59, p. 277, pl. 43, figs. 22, 23, 1921. Texas
- snowi* Wolcott, Field Mus. Nat. Hist., Zool. Ser., 7, p. 349, 1910. Arizona
- soror* Wolcott, loc. cit., p. 342, pl. 6, figs. 1, 2. Arizona
- subsimilis* Wolcott, loc. cit., p. 343, pl. 6, figs. 3, 4. Arizona

- torosa** Wolcott, loc. cit., p. 347, pl. 6, fig. 8. Arizona, New Mexico
- tricolor** Skinner, Ent. News, 16, p. 292, 1905. Arizona
- turbata** Horn, Trans. Amer. Ent. Soc., 12, p. 151, 1885. Texas, Arizona
- tuta** Wolcott, Field Mus. Nat. Hist., Zool. Ser., 7, p. 344, pl. 6, figs. 5, 6, 1910. Arizona, New Mexico
- umbrina** Fall, Can. Ent., 38, p. 114, 1906. Colorado, New Mexico
- undulata** Say, Journ. Acad. Nat. Sci. Phila., 5, p. 174, 1825. Canada, Maryland, Illinois, Kentucky, Arkansas, Texas, Arizona
- bosci* Chevrolat, Ann. Soc. Ent. France, (2), 1, p. 31, 1843.
- longicollis* Spinola, Monog. Clér., 1, p. 147, pl. 10, fig. 1, 1844.
- var. *arizonica* Schaeffer, Journ. N. Y. Ent. Soc., 16, p. 130, 1908. Arizona
- var. *brunnea* Spinola, Monog. Clér., 1, p. 148, 1844. Arizona
- var. *vauthieri* Spinola, loc. cit., p. 147. "North America"
- uniformis** Schaeffer, Bull. Brooklyn Mus., 1, No. 7, p. 151, 1905. Arizona
- usta** LeConte, Proc. Acad. Nat. Sci. Phila., 10, p. 71, 1858. Texas, Arizona, New Mexico
- vandykei** Schaeffer, Journ. N. Y. Ent. Soc., 12, p. 217, 1904. California
- xanti** Horn, Trans. Amer. Ent. Soc., 5, p. 222, pl. 1, fig. 3, 1876. Lower California, Mexico
- xavierae** Knull, Ann. Ent. Soc. Amer., 33, p. 555, fig. 1, 1940. Arizona

Genus **Bostrichoclerus** Van Dyke

Bostrichoclerus Van Dyke, Ent. News, 49, p. 189, 1938.

Genotype: *Bostrichoclerus bicornus* Van Dyke

- bicornus** Van Dyke, loc. cit., p. 190. Gulf of California

Subfamily **PHYLLOBAENINAE**Genus **Phyllobaenus** Dejean

Phyllobaenus Dejean, Cat. Coleop., ed. 3 (rev.), p. 127, 1837.

Hydnocera Newman, Ent. Mag., 5, p. 379, 1838.

Theano Chevrolat, Ann. Soc. Ent. France, (2), 1, p. 33, 1843 (not Castelnau 1836).

Genotype: *Clerus humeralis* Say

- affiliatus** Fall, Can. Ent., 38, p. 117, 1906. California
- arizonicus** Schaeffer, Journ. N. Y. Ent. Soc., 16, p. 132, 1908. Arizona
- bicolor** LeConte, Ann. Lyc. Nat. Hist. N. Y., 5, p. 213, 1852. California

- bimaculatus** Wolcott, Can. Ent., **40**, p. 232, 1908. California
- binotatus** Chapin, Proc. Biol. Soc. Wash., **31**, p. 107, 1918. California
- blanchardi** Wolcott, Ent. News, **39**, p. 210, 1928. New Mexico
- chapini** Wolcott, Coleop. Contr., **1**, p. 81 (footnote), 1927. Texas
lateralis Schaeffer, Bull. Brooklyn Mus., **1**, p. 157, 1905
(not Gorham 1883).
- cinctus** Spinola, Monog. Clér., **2**, p. 48, pl. 39, fig. 5, 1844. Arizona, Central and South America
- cobaltinus** Chapin, Proc. Biol. Soc. Wash., **35**, p. 55, 1922 (as *colbaltina*). California
- coeruleipennis** Wolcott, Can. Ent., **40**, p. 229, 1908. Arizona
- commixtus** Chapin, Proc. Biol. Soc. Wash., **35**, p. 58, 1922. Massachusetts, New York
- cribripennis** Fall, Can. Ent., **38**, p. 116, 1906. Texas
- cuneiformis** Wolcott, Ent. News, **39**, p. 208, 1928. Arizona
- cyanitinctus** Fall, Can. Ent., **38**, p. 116, 1906. New Mexico
- discoideus** LeConte, Ann. Lyc. Nat. Hist. N. Y., **5**, p. 213, 1852. Arizona, New Mexico, Utah, California, Mexico
furcata Gorham, Biol. Centr.-Amer., Ins.-Coleop., **3**, pt. 2, p. 342, pl. 13, fig. 14, 1886.
- dubius** Wolcott, Bull. Lab. Nat. Hist. Univ. Iowa, **6**, p. 60, 1912. North Dakota
- fallax** Wolcott, Can. Ent., **40**, p. 230, 1908. Colorado
- fuchsi** Schaeffer, Journ. N. Y. Ent. Soc., **16**, p. 132, 1908. Arizona, New Mexico
nunnenmacheri Schaeffer, loc. cit., p. 133.
- gahani** Wolcott, Field Mus. Nat. Hist., Zool. Ser., **7**, p. 379, 1910. Texas
- hamatus** LeConte, Ann. Rept. Chief Engrs. App. JJ, p. 517, 1876. New Mexico
- humeralis** Say, Journ. Acad. Nat. Sci. Phila., **3**, p. 192, 1823. Maine to Florida, Illinois, Kansas
var. *cyanescens* LeConte, Ann. Lyc. Nat. Hist. N. Y., **5**, p. 28, 1849. Texas, Arizona
difficilis LeConte, loc. cit., p. 27.
- iowensis** Chapin, Proc. Biol. Soc. Wash., **35**, p. 57, 1922. Iowa
- knausi** Wickham, Can. Ent., **37**, p. 168, 1905. Kansas, Texas
- lecontei** Wolcott, Bull. Lab. Nat. Hist. Univ. Iowa, **6**, p. 62, 1912. Maine to Louisiana, Arizona, Alaska
subaenea LeConte, Ann. Lyc. Nat. Hist. N. Y., **5**, p. 26, 1849 (not Spinola 1844).
- longus** LeConte, Trans. Amer. Ent. Soc., **12**, p. 22, 1884. Arizona

- maritimus** Wolcott, Ent. News, 21, p. 321, 1910. Massachusetts
- mirus** Wolcott, op. cit., 39, p. 207, 1928. Nebraska
- nigrescens** Schaeffer, Bull. Brooklyn Mus., 1, No. 15, p. 381, 1909. North Carolina
- niveifasciatus** Schaeffer, op. cit., 1, No. 7, p. 156, 1905. Arizona, Mexico
- occidentalis** Chapin, Proc. Biol. Soc. Wash., 35, p. 56, 1922. California
- omoger** Horn, Proc. Calif. Acad. Sci., 4, p. 383, 1894. Arizona, California, Lower California
- pallipennis** Say, Journ. Acad. Nat. Sci. Phila., 5, p. 176, 1825. Canada, Alabama, Colorado
- serrata* Newman, Ent. Mag., 5, p. 379, 1838.
- picipennis** Chapin, Proc. Biol. Soc. Wash., 35, p. 56, 1922. Texas
- plagifer** Fall, Can. Ent., 38, p. 115, 1906. California
- pubescens** LeConte, Ann. Lyc. Nat. Hist. N. Y., 5, p. 28, 1849. Illinois, Missouri, Kansas, Oklahoma, Colorado, Texas
- pulcher** Chapin, Proc. Biol. Soc. Wash., 35, p. 57, 1922. California
- puritanus** Wolcott, Ent. News, 39, p. 208, 1928. Massachusetts
- pygmaeus** Wolcott, Bull. Lab. Nat. Hist. Univ. Iowa, 6, p. 63, 1912. California
- quadrinaculatus** Van Dyke, Bull. Brooklyn Ent. Soc., 10, p. 31, 1915. California
- robustus** Horn, Trans. Amer. Ent. Soc., 2, p. 135, 1868. California
- rufipes** Newman, Mag. Nat. Hist., (2), 4, p. 363, 1840. Florida, Alabama, Arkansas
- scaber** LeConte, Ann. Lyc. Nat. Hist. N. Y., 5, p. 213, 1852. Kansas, Arizona, New Mexico, Wyoming, Idaho, Washington
- funebri* Chevrolat, Rev. Mag. Zool., (3), 2, p. 321, 1874.
- simulans** Schaeffer, Journ. N. Y. Ent. Soc., 16, p. 133, 1908. Arizona
- singularis** Wolcott, Bull. Lab. Nat. Hist. Univ. Iowa, 6, p. 62, 1912. North Carolina
- subaeneus** Spinola, Monog. Clér., 2, p. 51, 1844. Massachusetts
- steniformis* Spinola, loc. cit., p. 144, pl. 40, fig. 2 (not *steniformis* Klug 1842).
- subfasciatus** LeConte, Smiths. Misc. Coll., 6, No. 167, 2d ed., p. 97, 1866. Kansas, Nebraska, Utah, Texas, California
- var. *fraterna* Wolcott, Bull. Lab. Nat. Hist. Univ. Iowa, 6, p. 61, 1912. Massachusetts
- suturalis** Klug, Abh. König. Akad. Wiss. Berlin, 1840-42, p. 313, 1842. Florida

- limbata* Spinola, Monog. Clér., 2, p. 49, 1844.
- ?*marginata* var. Gorham, Biol. Centr.-Amer., Ins.-Coleop., 3, pt. 2, p. 168, 1882. Mexico
- var. *aequinotialis* Spinola, Monog. Clér., 2, p. 50, 1844. Mexico
- tibialis* Wolcott, Ent. News, 21, p. 322, 1910. Nebraska
- tricolor* Schaeffer, Journ. N. Y. Ent. Soc., 12, p. 219, 1904. Texas
- tristis* Schaeffer, Bull. Brooklyn Mus., 1, No. 15, p. 381, 1909. Arizona, Mexico
- unifasciatus* Say, Journ. Acad. Nat. Sci. Phila., 5, p. 176, 1825. Canada, Maine, Illinois, Alabama, Kansas, Colorado, Oklahoma, Arizona
- punctata* Spinola, Monog. Clér., 2, p. 54, pl. 40, fig. 4, 1844.
- verticalis* Say, Boston Journ. Nat. Hist., 1, p. 164, 1835. Canada, New Hampshire, Illinois, Florida, Minnesota, South Dakota, Kansas, Texas
- brachyptera* Klug, Abh. Königl. Akad. Wiss. Berlin, 1840-42, p. 313, 1842.
- lineatocollis* Spinola, Monog. Clér., 2, p. 51, pl. 40, fig. 1, 1844.
- tenella* Say, Boston Journ. Nat. Hist., 1, p. 164, 1835.
- vicinus* Chapin, Proc. Biol. Soc. Wash., 35, p. 55, 1922. Texas
- wickhami* Wolcott, Can. Ent., 40, p. 231, 1908. Arizona

Genus *Isohydnocera* Chapin

Isohydnocera Chapin, Bull. Brooklyn Ent. Soc., 12, p. 83, 1917.

Genotype: *Hydnocera curtipennis* Newman

- aegra* Newman, Mag. Nat. Hist., (2), 4, p. 364, 1840. Georgia, Florida
- albocincta* Horn, Trans. Amer. Ent. Soc., 3, p. 342, 1871. Texas
- brunnea* Chapin, Bull. Brooklyn Ent. Soc., 12, p. 84, 1917. Kansas, Texas
- curtipennis* Newman, Mag. Nat. Hist., (2), 4, p. 364, 1840. Canada, Connecticut, District of Columbia, Illinois, Indiana, Minnesota
- longicollis* Ziegler, Proc. Acad. Nat. Sci. Phila., 2, p. 44, 1844.
- gerhardi* Wolcott, Ent. News, 21, p. 323, 1910. Arizona
- liebecki* Wolcott, op. cit., 39, p. 211, 1928. New Jersey
- mima* Wolcott, loc. cit. New Mexico
- nigrina* Schaeffer, Journ. N. Y. Ent. Soc., 16, p. 134, 1908. Arizona
- ornata* Wolcott, Can. Ent., 40, p. 233, 1908. Arizona
- pusilla* Schaeffer, Bull. Brooklyn Mus., 1, No. 15, p. 381, 1909. Arizona
- schusteri* LeConte, Smiths. Misc. Coll., 6, No. 167, 2d ed., p. 97, 1866. Illinois

- tabida** LeConte, Ann. Lyc. Nat. Hist. N. Y., 5, p. 29, 1849. Ontario, Wisconsin, Illinois, Indiana, Alabama, Kansas
- tricondylae** LeConte, loc. cit., p. 26. Illinois, Missouri, Colorado, Nebraska, Arizona

Genus *Wolcottia* Chapin

Wolcottia Chapin, Bull. Brooklyn Ent. Soc., 12, p. 84, 1917.

Genotype: *Hydnocera pedalis* LeConte

- parviceps** Schaeffer, Journ. N. Y. Ent. Soc., 16, p. 134, 1908. Arizona
- pedalis** LeConte, Smiths. Misc. Coll., 6, No. 167, 2d ed., p. 97, 1866. New Jersey, Illinois, Wisconsin, Missouri, Nebraska, Arizona
- sobrina** Fall, Can. Ent., 38, p. 117, 1906. Arizona

Subfamily THANEROCLERINAE¹

Genus *Thaneroclerus* Lefebvre

Thaneroclerus Lefebvre, Bull. Soc. Ent. France, (1), 7, p. 13, 1838.

Thaneclerus Desmarest in Chenu, Encycl. d'Hist. Nat., Coleop., 2, p. 247, 1860.

Thanateroclerus Gemminger and Harold, Cat. Coleop., 6, p. 1739, 1869.

Taneroclerus Chevrolat, Bull. Soc. Ent. France, (5), 10, p. 31, 1880.

Metademiis Matsumura, Dainippon Gaichuzensho, 2, p. 234, (?)1935 (not Schenkling 1899).

Genotype: *Clerus buquet* Lefebvre

- buquet** Lefebvre, Ann. Soc. Ent. France, 4, p. 577, pl. 16, fig. 4, 1835. Florida, New York, California, cosmopolitan
- buqueti* Westwood, Bull. Soc. Ent. France, (1), 7, p. 13, 1838.
- girodi* Chevrolat, op. cit., (5), 10, p. 31, 1880.
- tabacci* Matsumura, Dainippon Gaichuzensho, 2, p. 234, (?)1935.
- var. *dermestoides* Klug, Abh. König. Akad. Wiss. Berlin, 1840-42, p. 310, 1842. New York

Genus *Zenodosus* Wolcott

Zenodosus Wolcott, Ent. News, 21, p. 321, 1910.

¹ A revision of this subfamily is given by J. B. Corporaal (1939).

Xenodosus Champlain, Proc. U. S. Nat. Mus., 57, p. 636, 1920.

Zenodosus Leng, Cat. Coleop. N. Amer., p. 470, 1920 (err. typ.).

Genotype: *Clerus sanguineus* Say

sanguineus Say, Boston Journ. Nat. Hist., 1, p. 162, 1835.

Ontario, Maine,
south to North
Carolina and
Arkansas, west
to Colorado

Genus *Ababa* Casey

Ababa Casey, Ann. N. Y. Acad. Sci., 9, p. 653, 1897.

Prionodera Wolcott, Field Mus. Nat. Hist., Zool. Ser., 7, p. 396, 1910.

Prionostichaeus Wolcott, Ent. News, 22, p. 125, 1911.

Wolcottella Lucas, Arch. Naturg., 84, Abt. A, p. 669, 1918 (1920).

Genotype: *Clerus tantillus* LeConte, through synonymy

tantilla LeConte, Smiths. Misc. Coll., 6, No. 167, 2d ed., p. 96, 1866.

Massachusetts,
District of
Columbia, Mis-
souri, Alabama,
Louisiana,
Texas

crinita Casey, Ann. N. Y. Acad. Sci., 9, p. 654, 1897.

Subfamily CLERINAE

Genus *Priocera* Kirby

Priocera Kirby, Trans. Linn. Soc. London, 12, p. 389, 1818.

Genotype: *Priocera variegata* Kirby, Trans. Linn. Soc. London, 12, p. 392, 1818 (Brazil)

castanea Newman, Ent. Mag., 5, p. 380, 1838.

maculata Ziegler, Proc. Acad. Nat. Sci. Phila., 2, p. 268, 1845.

rufescens Spinola, Monog. Clér., 1, p. 119, pl. 4, fig. 3, 1844.

Connecticut,
Florida, Illi-
nois, Indiana,
Michigan,
Kansas

catalina Cazier, Pan-Pac. Ent., 15, p. 162, 1939.

Arizona

chiricahuae Knull, Ann. Ent. Soc. Amer., 32, p. 27, pl. 1, fig. 3, 1939.

Arizona

lecontei Wolcott, Field Mus. Nat. Hist., Zool. Ser., 7, p. 356, pl. 5, fig. 2, 1910.

California

pusilla Kirby, Zool. Journ., 2, p. 518, 1826.

"North Amer-
ica"

Genus *Colyphus* Spinola

Colyphus Spinola, Rev. Zool., 4, p. 72, 1841; Monog. Clér., 1, p. 133, 1844.

Cleronomus Klug, Abh. Königl. Akad. Wiss. Berlin, 1840-42, p. 282, 1842.

Derestenus Chevrolat, Guér. Mag. Zool., (2), 5, p. 13, 1843.

Genotype: *Colyphus signaticollis* Spinola, Monog. Clér., 1, p. 135, pl. 5, fig. 5, 1844 (Central America)

furcatus Schaeffer, Journ. N. Y. Ent. Soc., 12, p. 218, 1904. Texas

ornaticollis LeConte, Trans. Amer. Ent. Soc., 8, p. 194, 1880. Ohio

melanopterus Dury, Journ. Cincinn. Soc. Nat. Hist., 20, p. 251, 1906.

Genus *Placopterus* Wolcott

Placopterus Wolcott, Field Mus. Nat. Hist., Zool. Ser., 7, p. 363, 1910.

Poecilochroa Chevrolat, Mem. Clér., p. 5, 1876 (not Westring 1874).

Phloeopterus Leng, Cat. Coleop. N. Amer., p. 149, 1920 (err. typ.).

Phloeopterus Britton, Bull. Conn. Geol. Nat. Hist. Surv., 31, p. 236, 1931 (err. typ.).

Genotype: *Poecilochroa plumbea* Gorham, Biol. Centr.-Amer., Ins.-Coleop., 3, pt. 2, p. 337, pl. 13, fig. 11 (Mexico)

cyanipennis Klug, Abh. König. Akad. Wiss. Berlin, 1840-42, p. 307, 1842. Mexico

var. *dasytoides* Westwood in White, Nomencl. Coleop. Ins. Brit. Mus., 4, p. 50, 1849. Mexico, Texas

haagi Chevrolat, Mem. Clér., p. 12, 1876. Texas, Mexico

subcostatus Schaeffer, Journ. N. Y. Ent. Soc., 25, p. 131, 1917. Florida, Texas

thoracicus Olivier, Ent., 4, No. 76, p. 18, pl. 2, fig. 22, 1795. Canada to Florida, Illinois, Indiana, California, Texas, Mexico

monilis Melsheimer, Proc. Acad. Nat. Sci. Phila., 2, p. 307, 1846.

var. *pallipes* Wolcott, Bull. Lab. Nat. Hist. Univ. Iowa, 6, p. 55, 1912.

Genus *Thanasimus* Latreille

Thanasimus Latreille, Gen. Crust. et Ins., 1, p. 270, 1806.

Cleroides Schaeffer, Elem. Ent., pl. 137, 1777.

Pseudoclerus Jacq. du Val, Gen. Col. d'Eur., 3, p. 196, 1860.

Genotype: *Attelabus formicarius* Linnaeus, Syst. Nat., ed. 10, p. 387, 1758 (Europe)

dubius Fabricius, Gen. Ins., p. 229, 1777.

ruficeps Spinola, Monog. Clér., 1, p. 189, pl. 14, fig. 3, 1844. Maine to Alaska, Indiana, Tennessee, Louisiana, Kansas, Nebraska, Colorado, New Mexico

- repandus** Horn, Trans. Amer. Ent. Soc., 3, p. 342, 1871. California
- trifasciatus** Say, Journ. Acad. Nat. Sci. Phila., 5, p. 175, 1825. Canada, Vermont, Wisconsin, Pennsylvania
nigripes var. White, Nomencl. Coleop. Ins. Brit. Mus., 4, p. 23, 1849.
- undatulus** Say, Boston Journ. Nat. Hist., 1, p. 163, 1835. Canada, Maine, west to Montana and south to Tennessee and New Mexico
undulatus Leng, et auct. (err. typ.).
 var. *abdominalis* Kirby, Fauna Bor.-Amer., 4, p. 244, pl. 2, fig. 5, 1837.
 var. *nubilus* Klug, Abh. König. Akad. Wiss. Berlin, 1840-42, p. 386, 1842.
 var. *melanocephalus* Chevrolat, Rev. Mag. Zool., (3), 2, p. 290, 1874. Nova Scotia, New Hampshire
 var. *monticola* Wolcott, Field Mus. Nat. Hist., Zool. Ser., 7, p. 357, pl. 5, fig. 3, 1910. British Columbia, Washington, California
 var. *rubriventris* LeConte, Proc. Acad. Nat. Sci. Phila., 13, p. 351, 1861. California

Genus *Enoclerus* Gahan

Enoclerus Gahan, Ann. Mag. Nat. Hist., (8), 5, pp. 62, 65, 1910.

Clerus auctorum (not Fabricius 1775).

Genotype: *Clerus sexguttatus* Fabricius, Syst. Ent., p. 823, 1775 (South America)

- abdominalis** Chevrolat, Coleop. Mexico, Cent. I, Fasc. 3, No. 52, 1834. Mexico
zonatus Klug, Abh. König. Akad. Wiss. Berlin, 1840-42, p. 297, 1842.
 var. *spinolae* LeConte, Proc. Acad. Nat. Sci. Phila., 6, p. 230, 1853. Kansas, Utah, California, Nevada, New Mexico, Arizona, Texas, Mexico
- acerbus** Wolcott, Ent. News, 22, p. 119, 1911. Utah, Nevada
- analís** LeConte, Ann. Lyc. Nat. Hist. N. Y., 5, p. 20, 1849. Ohio, Illinois, Kansas, Colorado, California, New Mexico, Arizona, Texas, Mexico
- badeni** Gorham, Cist. Ent., 2, p. 80, 1876. Texas, California, Mexico
- bimaculatus** Skinner, Ent. News, 16, p. 291, 1905. Arizona
bioculatus Schaeffer, Bull. Brooklyn Mus., 1, No. 7, p. 154, 1905 (err. typ.).

- bombycinus** Chevrolat, Coleop. Mexico, Cent. I, Fasc. 1, No. 12, 1833. California, Mexico.
- aeneicollis* Spinola, Monog. Clér., 1, p. 254, pl. 24, fig. 1, 1844.
- sericans* Westwood in White, Nomencl. Coleop. Ins. Brit. Mus., 4, p. 58, 1849.
- brevicollis** Spinola, Monog. Clér., 1, p. 266, pl. 25, fig. 5, 1844. North America
- chapini** Wolcott, Trans. Amer. Ent. Soc., 48, p. 74, 1922. Arizona
- coccineus** Schenkling, Deutsch. Ent. Zeitschr., 1906, p. 272, pl. 2, fig. 7, 1906. Minnesota to Texas, Mexico
- corallinus* Fall, Trans. Amer. Ent. Soc., 33, p. 240, 1907.
- cordifer** LeConte, Ann. Lyc. Nat. Hist. N. Y., 5, p. 21, 1849. Montana, Kansas, Colorado, Nebraska, New Mexico, Texas
- crabronarius** Spinola, Monog. Clér., 1, p. 247, pl. 23, fig. 1, 1844. ?Texas
- cupressi** Van Dyke, Bull. Brooklyn Ent. Soc., 10, p. 29, 1915. California
- decussatus** Klug, Abh. König. Akad. Wiss. Berlin, 1840-42, p. 296, 1842. Arizona, Mexico
- hopfneri* Spinola, Monog. Clér., 1, p. 256, 1844.
- erro** Wolcott, Trans. Amer. Ent. Soc., 48, p. 68, 1922. Arizona
- eximius** Mannerheim, Bull. Soc. Imp. Nat. Moscou, 16, p. 248, 1843. California
- holosericeus* White, Nomencl. Coleop. Ins. Brit. Mus., 4, p. 58, 1849.
- gerhardi** Wolcott, Trans. Amer. Ent. Soc., 48, p. 72, 1922. Indiana
- humeralis** Schaeffer, Bull. Brooklyn Mus., 1, No. 7, p. 155, 1905. British Columbia, California, Idaho, Arizona
- ichneumoneus** Fabricius, Gen. Ins., p. 230, 1777. Canada to Florida, Utah, California, Arizona, Texas
- rufus* Olivier, Encycl. Meth., 6, p. 13, 1791.
- var. *knabi* Wolcott, Ent. News, 21, p. 321, 1910. Florida
- inoensis** Van Dyke, Ent. News, 49, p. 191, 1938. California
- laetus** Klug, Abh. König. Akad. Wiss. Berlin, 1840-42, p. 301, 1842. Kansas, Utah, Oregon, California, Arizona, New Mexico, Texas
- abruptus* LeConte, Proc. Acad. Nat. Sci. Phila., 10, p. 72, 1858.
- lautus** Wolcott, Trans. Amer. Ent. Soc., 48, p. 69, 1922. Arizona
- lecontei** Wolcott, Field Mus. Nat. Hist., Zool. Ser., 7, p. 359, 1910. Canada, British Columbia, east to Michigan, south to Mexico
- nigriventris* LeConte, Proc. Acad. Nat. Sci. Phila., 13, p. 351, 1861 (not *nigriventris* Blanchard 1843).

- liljebladi** Wolcott, Trans. Amer. Ent. Soc., 48, p. 73, 1922. New York, Michigan, Wisconsin, Pennsylvania
- longissimus** Wolcott, loc. cit., p. 68. New Mexico
- lunatus** Klug, Abh. König. Akad. Wiss. Berlin, 1840-42, p. 294, 1842. New York to Florida, west to Kansas and Texas
- bicolor* Melsheimer, Proc. Acad. Nat. Sci. Phila., 2, p. 307, 1846.
- mexicanus** Castelnau, Silberm. Rev. Ent., 4, p. 44, 1836. Texas to Panama
- assimilis* Spinola, Monog. Clér., 1, p. 249, 1844.
- var. *assimilis* Chevrolat, Guér. Mag. Zool., (2), 5, p. 17, 1843.
- var. *semiochraceus* Chevrolat, Rev. Mag. Zool., (3), 2, p. 292, 1874.
- var. *silbermanni* Chevrolat, Guér. Mag. Zool., (2), 5, p. 21, 1843.
- moestus** Klug, Abh. König. Akad. Wiss. Berlin, 1840-42, p. 298, 1842. Oregon, South Dakota, Colorado, California, New Mexico, Arizona, Texas
- truncatus* LeConte, Ann. Lyc. Nat. Hist. N. Y., 5, p. 23, 1849.
- muttkowskii** Wolcott, Bull. Wisc. Nat. Hist. Soc., 7, p. 98, 1909. Michigan, Wisconsin, Vermont
- nigrifrons** Say, Journ. Acad. Nat. Sci. Phila., 3, p. 190, 1823. Canada to Alabama, west to Nebraska
- var. *testaceipes* Wolcott, Trans. Amer. Ent. Soc., 38, p. 72, 1922. Indiana
- nigripes** Say, Journ. Acad. Nat. Sci. Phila., 3, p. 191, 1823. Maine to District of Columbia, west to California, south to Arizona and Mexico
- quadriguttatus* auctorum (not Olivier 1795, LeConte 1849, Schenkling 1906, Wolcott 1922).
- var. *dubius* Spinola, Monog. Clér., 1, p. 264, pl. 25, fig. 4, 1844.
- var. *rufiventris* Spinola, loc. cit., p. 264, pl. 23, fig. 3.
- incertus* LeConte, Smiths. Misc. Coll., 6, No. 140, 2d ed., p. 55, 1866.
- ocreatus** Horn, Trans. Amer. Ent. Soc., 12, p. 154, 1885. Colorado to California, New Mexico, Arizona
- opifex** Gorham, Biol. Centr.-Amer., Ins.-Coleop., 3, pt. 2, p. 156, pl. 8, fig. 3, 1882. Texas, Mexico
- palmii** Schaeffer, Journ. N. Y. Ent. Soc., 12, p. 218, 1904. Kansas, Utah, New Mexico, Arizona, Texas, Mexico
- pinus** Schaeffer, Bull. Brooklyn Mus., 1, No. 7, p. 155, 1905. Arizona

- quadriguttatus** Olivier, Ent., 4, No. 76, p. 18, pl. 2, fig. 22a, b, 1795. ?North America ("Caroline")
- quadrisignatus** Say, Boston Journ. Nat. Hist., 1, p. 162, 1835. Pennsylvania to Georgia, west to Kansas and Texas
- rufescens* LeConte, Ann. Lyc. Nat. Hist. N. Y., 5, p. 212, 1852.
- var. *affiliatus* LeConte, Proc. Acad. Nat. Sci. Phila., 10, p. 72, 1858. Kansas, Colorado, Oklahoma, Texas, Lower California
- var. *latecinctus* LeConte, loc. cit. Arizona, Texas, Lower California
- quercus** Schaeffer, Bull. Brooklyn Mus., 1, No. 7, p. 154, 1905. Arizona
- rosmarus** Say, Journ. Acad. Nat. Sci. Phila., 3, p. 190, 1823. Maine to Florida, Oklahoma, Nebraska, Texas to Costa Rica
- angustus* LeConte, Ann. Lyc. Nat. Hist. N. Y., 5, p. 21, 1849.
- oculatus* Spinola, Monog. Clér., 1, p. 267, pl. 26, fig. 1, 1844.
- var. *virginiensis* Schaeffer, Journ. N. Y. Ent. Soc., 25, p. 131, 1917.
- rufulus* Schaeffer, loc. cit.
- sphegeus** Fabricius, Mant. Ins., 1, p. 125, 1787. British Columbia to California, Colorado to Arizona and New Mexico
- sobrius* Walker in Lord, Nat. Vanc., 2, p. 326, 1866.
- sobrinus* Leng, Cat. Coleop. N. Amer., p. 150, 1920 (err. typ.).
- var. *arachnodes* Klug, Abh. König. Akad. Wiss. Berlin, 1840-42, p. 299, 1842.
- venator** Chevrolat, Guér. Mag. Zool., (2), 5, p. 18, 1843. Texas, Mexico
- lesueurii* Spinola, Monog. Clér., 1, p. 249, pl. 23, fig. 2, 1844.
- vetus** Wolcott, Coleop. Contr., 1, p. 107, 1927. Texas
- crabronarius* auctorum (not Spinola 1844).
- viduus** Klug, Abh. König. Akad. Wiss. Berlin, 1840-42, p. 297, 1842. Texas, Mexico
- cuprescens* Gorham, Cist. Ent., 2, p. 81, 1876.
- erythrogaster* Spinola, Monog. Clér., 1, p. 272, pl. 27, fig. 3, 1844.
- rufiventris* Chevrolat, Guér. Mag. Zool., (2), 5, p. 11, 1843 (nom. nud.).
- var. *jouteli* Leng, Journ. N. Y. Ent. Soc., 17, p. 103, 1909. North Carolina, Georgia

Genus *Trichodes* Herbst

Trichodes Herbst, Natursyst. Ins., Käfer, 4, p. 154, 1792.

Clerus Curtis, Brit. Ent., 1, pl. 44, 1824.

Genotype: *Clerus alvearius* Fabricius, Ent. Syst., 1, pt. 1, p. 209, 1792 (Europe)

- apivorus** Germar, Ins. Spec. Nov., 1, p. 81, 1824. Massachusetts to Florida, Alabama, Nebraska, Texas, Mexico
- nutalli* Say, Boston Journ. Nat. Hist., 1, p. 164, 1835 (not Kirby 1818).
- var. *borealis* Wolcott and Chapin, Bull. Brooklyn Ent. Soc., 13, p. 108, 1918.
- interruptus* LeConte, Ann. Lyc. Nat. Hist. N. Y., 5, p. 18, 1849 (not Klug 1842).
- basalis** Van Dyke, Pan-Pac. Ent., 19, p. 41, 1943. California
- bibalteatus** LeConte, Journ. Acad. Nat. Sci. Phila., (2), 4, p. 18, 1858. Oklahoma, Texas
- bicinctus** Green, Ent. News, 28, p. 367, 1917. Texas
- bimaculatus** LeConte, Trans. Amer. Ent. Soc., 5, p. 63, 1874. California
- bisignatus* Horn, op. cit., 5, p. 231, 1876.
- horni** Wolcott and Chapin, Bull. Brooklyn Ent. Soc., 13, p. 107, 1918. Arizona, Lower California
- illustris* Horn, Trans. Amer. Ent. Soc., 5, p. 231, fig., 1876 (not Klug 1842).
- nexus** Wolcott, Field Mus. Nat. Hist., Zool. Ser., 7, p. 372, pl. 5, fig. 5, 1910. Lower California
- nutalli** Kirby, Trans. Linn. Soc. London, 12, p. 394, 1818. Maine to Florida, Michigan, Minnesota, South Dakota, Colorado
- nuthalli* Spinola, Monog. Clér., 1, p. 317, pl. 31, fig. 2, 1844.
- nutalli* auctorum.
- oresterus** Wolcott, Field Mus. Nat. Hist., Zool. Ser., 7, p. 368, pl. 5, fig. 4, pl. 6, fig. 21, 1910. Texas
- ornatus** Say, Journ. Acad. Nat. Sci. Phila., 3, p. 189, 1823. Alaska, British Columbia, Alberta, Montana, Utah, Nevada, Arizona, New Mexico, Texas
- douglasianus* White, Nomencl. Coleop. Ins. Brit. Mus., 4, p. 60, 1849.
- hartwegianus* White, loc. cit.
- tenellis* LeConte, Proc. Acad. Nat. Sci. Phila., 10, p. 72, 1858.
- var. *obsoletus* Wolcott, Pan-Pac. Ent., 20, p. 59, 1944. Arizona
- peninsularis** Horn, Proc. Calif. Acad. Sci., (2), 4, p. 382, pl. 8, fig. 7, 1904. Arizona, Lower California
- simulator** Horn, Trans. Amer. Ent. Soc., 8, p. 149, 1880. Colorado, Utah, Wyoming, Arizona, New Mexico
- flarescens* Cockerell, Bull. New Mex. Exp. Sta., 28, p. 155, 1898.

Genus *Aulicus* Spinola

Aulicus Spinola, Monog. Clér., 1, p. 328, 1844.

Genotype: *Aulicus nero* Spinola

- bicinctus** Linsley, Univ. Calif. Publ. Ent., 6, p. 255, fig. 12, 1936. California
- dentipes** Schaeffer, Proc. U. S. Nat. Mus., 59, p. 157, 1921. California, Arizona, New Mexico, Texas
- femoralis** Schaeffer, Journ. N. Y. Ent. Soc., 25, p. 132, 1917. Arizona, Texas
- fissipes** Schaeffer, Proc. U. S. Nat. Mus., 59, p. 155, 1921. Arizona; Lower California
- humeralis** Linsley, Univ. Calif. Publ. Ent., 6, p. 252, fig. 2, 1936. Lower California, Gulf of California, Mexico
- monticola** Gorham, Biol. Centr.-Amer., Ins.-Coleop., 3, pt. 2, p. 146, pl. 8, fig. 18, 1882. Arizona, Texas, Mexico
- nero** Spinola, Monog. Clér., 1, pp. 330, 331, pl. 27, fig. 5, 1844. Mexico, ?Southern or Lower California
- nigriventris** Schaeffer, Proc. U. S. Nat. Mus., 59, p. 156, 1921. Arizona, Mexico
- terrestris** Linsley, Pan-Pac. Ent., 9, p. 95, 1933. California

Genus **Serriger** Spinola

Serriger Spinola, Monog. Clér., 1, p. 170, 1844.

Genotype: *Serriger reichei* Spinola

- reichei** Spinola, Monog. Clér., 1, p. 171, pl. 12, fig. 3, 1844. Idaho, California, Mexico
- antennatus* Schaeffer, Proc. U. S. Nat. Mus., 59, p. 158, 1921.

Genus **Xenoclerus** Schenkling

Xenoclerus Schenkling, Bull. Mus. Hist. Nat. Paris, 8, p. 327, 1902.

Genotype: *Trogodendron edwardsi* Horn

- edwardsi** Horn, Trans. Amer. Ent. Soc., 8, p. 149, pl. 3, fig. 8, 1880. Arizona, California

Subfamily EPIPHLOEINAE

Genus **Phlogistosternus** Wolcott

Phlogistosternus Wolcott, Journ. N. Y. Ent. Soc., 52, p. 124, 1944.

Phyllobaenus Spinola, Monog. Clér., 2, p. 1, 1844 (not Dejean 1837).

Genotype: *Enoplium dislocatum* Say

- californicus** Van Dyke, Bull. Brooklyn Ent. Soc., 18, p. 47, 1923. California

- dislocatus** Say, Journ. Acad. Nat. Sci. Phila., 5, p. 176, 1825. Canada to Georgia, Wisconsin, Illinois, Kansas, Colorado, Texas
- distrophus* Klug, Abh. König. Akad. Wiss. Berlin, 1840-42, p. 374, 1842.
- transversalis* Spinola, Monog. Clér., 2, p. 4, pl. 40, fig. 6, 1844.
- merkei** Horn, Proc. Calif. Acad. Sci., (2), 6, p. 374, 1896. Arizona, New Mexico

Genus *Neichnea* Wolcott and Chapin

- Neichnea* Wolcott and Chapin, Bull. Brooklyn Ent. Soc., 13, p. 108, 1918.
- Ichnea* Castelnau, Silberm. Rev. Ent., 4, p. 55, 1836 (part).
- Ellipotoma* Wolcott in Blatchley, Bull. Ind. Dept. Geol. Nat. Res., 1, p. 858, 1910 (not Spinola 1844).
- Genotype: *Enoplium laticornis* Say
- laticornis** Say, Boston Journ. Nat. Hist., 1, p. 164, 1835. Canada to North Carolina, Illinois

Genus *Ichnea* Castelnau

- Ichnea* Castelnau, Silberm. Rev. Ent., 4, p. 55, 1836.
- Genotype: *Ichnea lycoides* Castelnau, loc. cit., p. 55 (Brazil)
- elongata** Knull, Ann. Ent. Soc. Amer., 32, p. 27, pl. 1, fig. 4, 1939. Arizona

Subfamily ENOPLIINAE

Genus *Orthopleura* Spinola

- Orthopleura* Spinola, Monog. Clér., 2, p. 80, 1844.
- Dermestoides* Schaeffer, Icon. Ins., 3, pl. 220, fig. 4, 1771.
- Genotype: *Tillus damicornis* Fabricius
- damicornis** Fabricius, Suppl. Ent. Syst., p. 117, 1798. New York to Florida, Illinois, Kansas, Texas, Lower California, Mexico
- nigripennis* Spinola, Monog. Clér., 2, p. 82, 1844.
- ?pennsylvanica* Chevrolat, Rev. Mag. Zool., (3), 2, p. 325, 1874.
- thoracica* Say, Journ. Acad. Nat. Sci. Phila., 3, p. 188, 1823.
- punctatissima** Chevrolat, Ann. Soc. Ent. France, (2), 1, p. 34, 1843. Texas
- bimaculata* Melsheimer, Proc. Acad. Nat. Sci. Phila., 2, p. 307, 1846.
- texana** Bland, Proc. Ent. Soc. Phila., 1, p. 356, 1863. Texas

Genus *Pelonides* Kuwert

- Pelonides* Kuwert, Ann. Soc. Ent. Belg., 38, p. 8, 1894.
Pyticara Spinola, Rev. Zool., 4, p. 75, 1841 (nom. nud.).
 Genotype: *Enoplium quadripunctatum* Say
- granulatipennis** Schaeffer, Journ. N. Y. Ent. Soc., 12, p. 220, 1904. Arizona, New Mexico, Texas, Mexico
- humeralis** Horn, Trans. Amer. Ent. Soc., 2, p. 135, 1868. New Mexico, Texas, Mexico
militaris Chevrolat, Rev. Mag. Zool., (3), 2, p. 324, 1874.
 var. *perroudi* Pic, L'Echange, 49, p. 12, 1933. Texas
- nigrescens** Schaeffer, Journ. N. Y. Ent. Soc., 12, p. 221, 1904. Texas
- quadripunctatus** Say, Journ. Acad. Nat. Sci. Phila., 3, p. 188, 1823. Ohio, Indiana, Arkansas, Kansas, Texas
 var. *quadrinotatus* Haldeman, Proc. Acad. Nat. Sci. Phila., 6, p. 362, 1853.
- scabripennis** LeConte, Smiths. Misc. Coll., 6, No. 167, 2d ed., p. 98, 1866. Lower California
- similis** Knull, Ohio Journ. Sci., 38, p. 97, 1938. Texas

Genus *Chariessa* Perty

- Chariessa* Perty, Del. Anim. Artic., p. 109, 1830.
Brachymorphus Chevrolat, Coleop. Mexico, Cent. II, Fasc. 7, No. 150, 1835.
Pelonium Spinola, Monog. Clér., 1, p. 347, 1844 (part).
Philyra Castelnau, Silberm. Rev. Ent., 4, p. 53, 1836.
Tarandocerus Chevrolat, Mem. Clér., p. 7, 1876.
 Genotype: *Chariessa ramicornis* Perty, Del. Anim. Artic., p. 109, pl. 22, fig. 3, 1830 (Brazil)
- dichroa** LeConte, Repts. Expl. Surv. Miss.-Pacif., 12; Zool. Rept. No. 1, p. 48, 1859. California
- elegans** Horn, Trans. Amer. Ent. Soc., 3, p. 87, 1870. British Columbia, Oregon, California, Texas
lomberti Rivers, Zoe, 6, p. 396, 1894.
- floridana** Schaeffer, Journ. N. Y. Ent. Soc., 25, p. 133, 1917. Florida (Key Largo)
- pilosa** Forster, Nov. Spec. Ins., p. 49, 1781. Canada to Florida, west to Montana, Kansas, Oklahoma, and Texas
 var. *marginata* Say, Journ. Acad. Nat. Sci. Phila., 3, p. 187, 1823.
cineta Spinola, Monog. Clér., 1, p. 358, pl. 36, fig. 4, 1844.
onusta Say, Amer. Ent., 3, pl. 41, fig. 1, 1828.
- texana** Wolcott, Ent. News, 19, pp. 70 (key), 72, 1908. Texas

- vestita* Chevrolat, Coleop. Mexico, Cent. II, Fasc. 7, No. 150, 1835. Texas, Mexico, Costa Rica
spectabilis Castelnau, Silberm. Rev. Ent., 4, p. 50, 1836.

Genus *Corinthiscus* Fairmaire and Germain

- Corinthiscus* Fairmaire and Germain, Coleop. Chilensia, II, p. 4, 1861.
Pelonium Spinola, Monog. Clér., 1, p. 347, 1844 (part).
 Genotype: *Corinthiscus insignicornis* Fairmaire and Germain, Coleop. Chilensia, II, p. 4, 1861 (Chile)
- fasciatus* LeConte, Ann. Lyc. Nat. Hist. N. Y., 5, p. 214, 1852. California, Texas
 var. *trilobatus* Van Dyke, Bull. Brooklyn Ent. Soc., 10, p. 32, 1915. California
- granulosus* Wolcott, Bull. Wisc. Nat. Hist. Soc., 7, p. 100, 1909. Texas
- leucophaeus* Klug, Abh. König. Akad. Wiss. Berlin, 1840-42, p. 366, 1842. District of Columbia to Florida, Ohio, Illinois, Missouri, Kansas, Texas, Lower California
 var. *vetustus* Spinola, Monog. Clér., 1, p. 360, pl. 35, fig. 4, 1844.
 var. *albomaculatus* Ziegler, Proc. Acad. Nat. Sci. Phila., 2, p. 268, 1845.
 var. *venustus* Haldeman, op. cit., 3, p. 126, 1847.
- maculicollis* Schaeffer, Journ. N. Y. Ent. Soc., 12, p. 219, 1904. Texas
- peninsularis* Schaeffer, op. cit., 25, p. 132, 1917. Lower California

Genus *Cregya* LeConte

- Cregya* LeConte, Smiths. Misc. Coll., 3, No. 136, 1st ed., p. 197, 1861.
Galeruclerus Gahan, Ann. Mag. Nat. Hist., (8), 5, p. 75, 1910.
 Genotype: *Clerus oculus* Say
- mixta* LeConte, Smiths. Misc. Coll., 6, No. 167, 2d ed., p. 98, 1866. Maryland to Louisiana, Ohio, Kentucky, Texas
- oculata* Say, Boston Journ. Nat. Hist., 1, p. 163, 1835. Massachusetts, District of Columbia, Louisiana, Illinois, Kansas, Texas
 var. *marginipennis* Spinola, Monog. Clér., 1, p. 363, pl. 35, fig. 6, 1844.
- quadrisignata* Spinola, loc. cit., p. 365, pl. 33, fig. 3. Texas, Central America
 var. *bilineicollis* Chevrolat, Rev. Mag. Zool., (3), 2, p. 327, 1874. Texas

quadrinotata Chevrolat, loc. cit., p. 328.

uncinata Chevrolat, loc. cit.

Subfamily KORYNETINAE¹

Genus *Tarsostenus* Spinola

Tarsostenus Spinola, Monog. Clér., 1, p. 287, 1844.

Genotype: *Clerus univittatus* Rossi

univittatus Rossi, Fauna Etrusc., 1, p. 44, 1792. Cosmopolitan

albofasciatus Melsheimer, Proc. Acad. Nat. Sci. Phila., 2, p. 306, 1846.

biguttatus Montrouzier, Ann. Soc. Ent. France, (3), 8, p. 260, 1860.

fasciatellus Spinola, Monog. Clér., 2, p. 172, pl. 8, fig. 5, 1844.

fasciatus Curtis, Brit. Ent., 6, pl. 270, 1832.

moerens Westwood in White, Nomencl. Coleop. Ins. Brit. Mus., 4, p. 57, 1849.

picipennis Westwood in White, loc. cit., p. 48.

succinctus Chevrolat, Rev. Zool., 5, p. 277, 1842.

Genus *Lebasiella* Spinola

Lebasiella Spinola, Monog. Clér., 2, p. 77, 1844.

Genotype: *Lebasiella erythrodera* Spinola,² loc. cit., p. 79, pl. 43, fig. 1 (Columbia)

discolor Klug, Abh. König. Akad. Wiss. Berlin, 1840-42, p. 353, 1842. Texas, Mexico

var. *tibialis* Schenkling, Deutsch. Ent. Zeitschr., 1898, p. 368, 1898. California, Mexico

marginella Chevrolat, Ann. Soc. Ent. France, (2), 1, p. 42, 1843. California, Mexico

pallipes Klug, Abh. König. Akad. Wiss. Berlin, 1840-42, p. 353, 1842. Pennsylvania, Texas, Mexico

nigripennis LeConte, Smiths. Misc. Coll., 6, No. 167, 2d ed., p. 99, 1866.

¹ *Erolestus cleroides* Wolcott (1927, p. 108) was described as a new genus and species from Tioga County, Pennsylvania, on the basis of an erroneous locality label and should not be included in the North American lists. It is a synonym of the Australian *Blackburniella intricata* Blackburn.

The North American species formerly included in *Korynetes* are here transferred to *Loedelia*. *Korynetes* is not represented in our fauna. The only New World species left in the genus are Chilean and further study may show that these are improperly placed.

² Gorham, in Trans. Ent. Soc. London, 1878, p. 156, cites *Orthopleura lepida* Klug as type of *Lebasiella*. As *lepida* Klug was not originally included in the genus, the citation is invalid.

Genus *Loedelia* Lucas

Loedelia Lucas, Arch. Naturg., 84, Abt. A, p. 380, 1920.

Necrobioides Gahan, Ann. Mag. Nat. Hist., (8), 5, p. 76, 1910 (not Fairmaire 1882).

Genotype: *Necrobioides mexicanus* Gahan, loc. cit. (Mexico)

- discoidea** LeConte, Trans. Kans. Acad. Sci., 7, p. 77, 1881. Arizona
- janthina** LeConte, Smiths. Misc. Coll., 6, No. 167, 2d ed., p. 99, 1866. Lower California
- maculicollis** LeConte, Trans. Amer. Ent. Soc., 5, p. 63, 1874. California
- filiolus* Chevrolat, Rev. Mag. Zool., (3), 2, p. 326, 1874.
- lineatocolle* Chevrolat, loc. cit.
- var. *nigricollis* Wolcott, Coleop. Contr., 1, p. 110, 1927. California

Genus *Necrobia* Olivier

Necrobia Olivier, Ent., 4, No. 76bis, p. 5, 1795.

Agonolia Mulsant and Rey, Col. France, 14, Angusticolles, p. 122, 1863.

Genotype: *Dermestes violaceus* Linnaeus

- mesosternalis** Schaeffer, Journ. N. Y. Ent. Soc., 16, p. 135, 1908. Arizona, Mexico
- ruficollis** Fabricius, Syst. Ent., p. 57, 1775. Cosmopolitan
- var. *knochei* Kolbe, Breslau Jahresh. Ver. Insektenk., 5, p. 9, 1912.
- rufipes** DeGeer, Mem., 5, p. 165, pl. 15, fig. 4, 1775. Cosmopolitan
- amethystina* Stephens, Ill. Brit. Ent., Mandib., 5, p. 417, 1832.
- dermestoides* Piller and Mitterpacher, Iter Poseg., p. 68, pl. 7, fig. 8, 1783.
- foveicollis* Schenkling, Mitt. Mus. Naturhist. Hamburg, 17, p. 20, 1900.
- glabra* Champollion, Mag. Encycl. Millin., 3, p. 41, 1814.
- mumiarum* Hope in Pettigrew, Hist. Egypt. Mum., p. 54, pl. 5, figs. 1-3, 1834.
- pilifera* Reitter, Verh. Nat. Ver. Brünn, 32, p. 85, 1894.
- var. *aeneipennis* Csiki, Rovart. Lapok, 7, p. 124, 1900.
- violacea** Linnaeus, Syst. Nat., ed. 10, 1, p. 356, 1758. Cosmopolitan
- angustata* Faldermann, Nouv. Mém. Soc. Nat. Moscou, 4, p. 210, 1835.
- chalybea* Sturm, Deutschl. Fauna, Ins.-Käfer, 11, p. 43, pl. 232, figs. A-O, 1837.
- errans* Melsheimer, Proc. Acad. Nat. Sci. Phila., 2, p. 307, 1846.
- quadra* Marsham, Ent. Brit., 1, p. 323, 1802.

Genus *Opetiopalpus* Spinola¹

Opetiopalpus Spinola, Monog. Clér., 2, p. 110, 1844.

Opetiopselaphus Gemminger and Harold, Cat. Coleop., 6, p. 1759, 1869.

Genotype: *Clerus scutellaris* Panzer

luridus Spinola, Monog. Clér., 2, p. 113, pl. 45, fig. 5, 1844. ?NorthAmerica

¹ *Opetiopalpus luridus* Spinola is retained in the catalogue with reservations. It seems highly probable that the species was described as being from the United States on the basis of mislabeled specimens. Apparently neither specimens referable to this species nor species referable to this Old World genus have been found in the New World during the past century.



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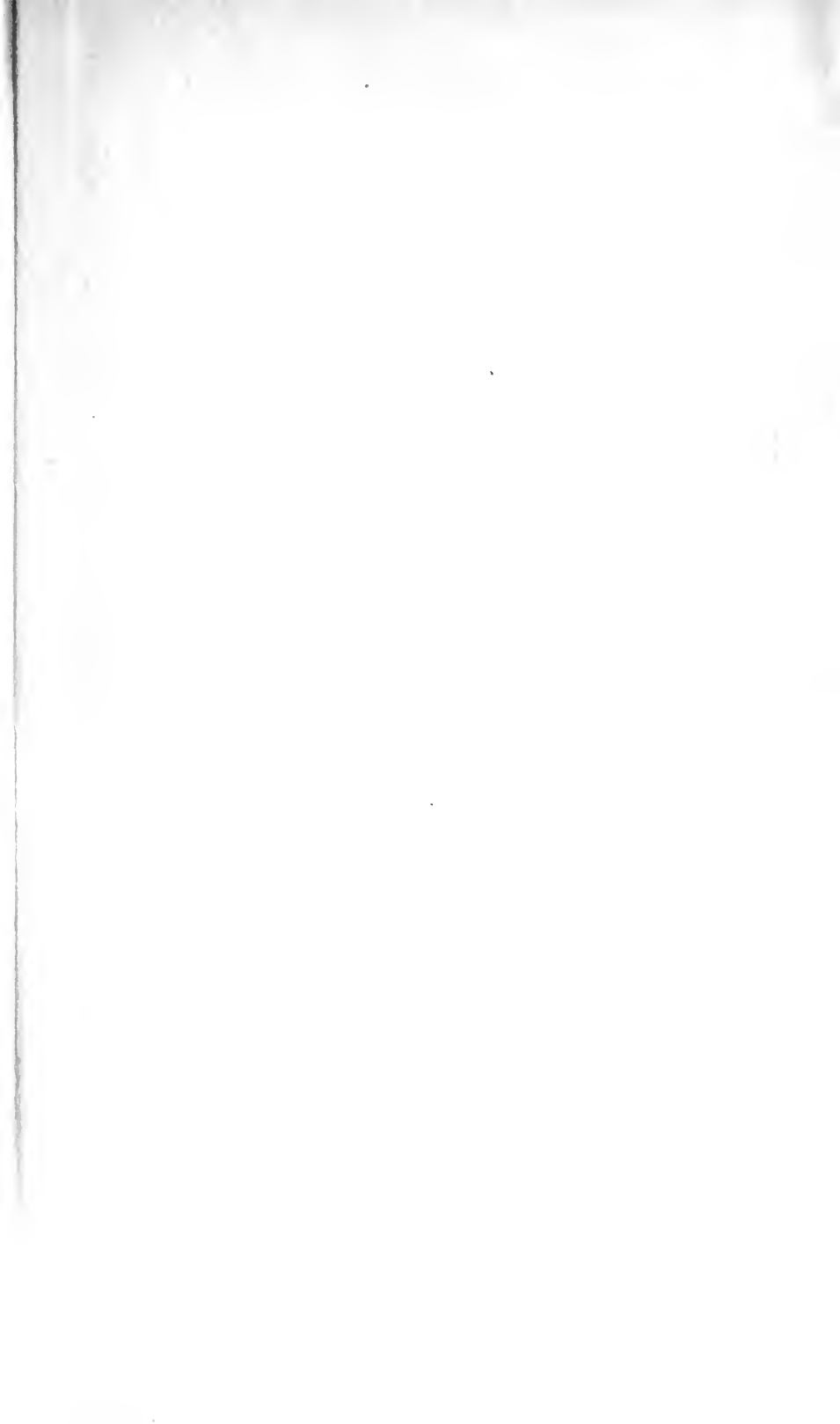
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