A CATALOG OF THE COLEOPTERA OF AMERICA NORTH OF MEXICO

FAMILY: CURCULIONIDAE
SUBFAMILY: POLYDROSINAE
TRIBE: TANYMECINI
FOREWORD

Many species of beetles are important pests of agricultural crops, stored food products, forests, wood products and structures, and fabrics. Many other species, in contrast, are beneficial in the biological suppression of pest arthropods and weeds, as well as in the decomposition of plant detritus, animal carcasses, and dung. Part of our national responsibility to American agriculture is to provide correct identification of species of American beetles so that appropriate controls can be applied.

Most information about animal species, whether agricultural, biological, or experimental, is filed under the species' scientific names. These names are therefore the keys to retrieval of such information. Because some species have been known by several names, a complete listing of these names for each species is necessary.

For the user of scientific names, an up-to-date taxonomic catalog providing currently accepted names and pertinent bibliographic and distributional data is an indispensable tool. Although taxonomic literature is constantly changing to reflect current work, the traditional published taxonomic catalog remains static with updating left to the individual user until it is revised. Production of catalogs in the past has been laborious with long printing delays resulting in data that are obsolete before being published. However, the computer now provides the capability of storing, updating, and retrieving taxonomic data; rapid publication through computer-driven typesetting machinery; and a greater degree of currentness and flexibility.

All the fascicles in this catalog of the beetles of America north of Mexico are produced by an original group of computer programs, designed and written during a pilot project by personnel of the Systematic Entomology Laboratory and the Communication and Data Services Division, Agricultural Research Service.

R. D. Plowman
Administrator
Agricultural Research Service
The Coleoptera, or beetles, are represented in the world by about 220,000 described species, of which about 24,000 occur in the United States and Canada. A comprehensive taxonomic catalog of beetles for this area has not been available except the series of world-based "Coleopterorum Catalogus" volumes (1909-present, Junk, Berlin). The Leng "Catalogue of the Coleoptera of America North of Mexico" (J.D. Sherman, Jr., Mt. Vernon, NY), which was published in 1920 with supplements to the end of 1947, is a checklist. However, it has served professional and amateur alike for nearly 60 years as the principal source of scientific names of beetles. Since 1947, many new taxa have been described and many changes in status and nomenclature have appeared in numerous scattered publications, but little effort has been made to summarize these changes.

This catalog will supplant the Leng catalog and supply additional essential information. It is produced by an original suite of storage, retrieval, and printing programs written especially for automated taxonomic catalogs. The catalog for each family is published as a separate fascicle with its introductory text, bibliography, and sequence. The publishing of separate fascicles makes data available shortly after they are assembled. Computer tapes for each fascicle are maintained for updating and necessary reprinting.

The information on each family is the responsibility of the respective author or authors. The editors modify it only to correct obvious errors and to make it conform to the requirements of the computer programs.

No original proposal for a new name, taxon, status, or classification is given, such data having been previously published, but new host and distributional data are often listed. The rules of "The International Code of Zoological Nomenclature" are followed.

The geographic scope of this catalog includes the continental United States, Canada, Greenland, and the associated continental islands. Names of taxa found only in other regions are excluded. If the range of a species extends outside these geographic limits, this fact is indicated. On (or inside of) the back cover is a map of the 12 faunal regions based on historical and faunal criteria to simplify distribution recordings. Two-letter Postal Service style abbreviations are used for States and Provinces, and faunal regions are indicated in each distribution record by a diagonal line between groups of abbreviations.

It is not the purpose of this catalog to present a complete scheme of higher classification within the order. The familial makeup is somewhat intermediate between that of R.H. Arnett in "The Beetles of the United States" (1960-62, Catholic University Press, Washington, DC) and that of R.A. Crowson in "The Natural Classification of the Families of Coleoptera" (1967, Biddles Ltd., Guildford, England). Modifications of these two systems are largely those advocated by J.F. Lawrence based in part on suggestions by taxonomic specialists for certain families.

Generic groups and higher categories within the family are arranged phylogenetically as indicated by the author of the particular fascicle, and species group names with their respective synonyms are arranged alphabetically.

Names referable to incertae sedis and nomen dubium are listed separately at the end of the nearest applicable taxon with notations as to their status.

An available name is followed by its author, date proposed, and page number referring to the complete bibliographic citation containing the original description. Following each generic name are the type-species and method of its designation, necessary explanatory notes, and pertinent references on immature stages, taxonomy, redescription, ecology, and keys. After the specific name entry are the original genus (if different from the
present placement), type-locality, geographical distribution by State, Province, and broad extralimital units, explanatory notes, pertinent references to immature stages, taxonomy, redescription, and ecology, depository of type-specimen and its sex, and hosts.

In addition to the list under the map (on or inside of the back cover) of faunal regions, the following abbreviations are used in this catalog:

**ABBREVIATIONS, GENERAL**

Amer. Bor.—America Borealis
Amer. Sept.—America Septentrionalis
Automat.—Automatic
C. Amer.—Central America
Co.—County
Cosmop.—Cosmopolitan
Design.—Designated
F.—Female
Holarc.—Holarctic
Isl.—Island
M.—Male
Mex.—Mexico
Monot.—Monotypy
Mus.—Museum
N. Amer.—North America
Orig. des.—Original designation
Preocc.—Preoccupied
S. Amer.—South America
Sp.—Species
Subseq. monot.—Subsequent monotypy
Subsp.—Subspecies
Taut.—Tautonymy
Univ.—University
USA—United States of America
Var.—Variety
W. Ind.—West Indies

**MUSEUMS IN THE UNITED STATES AND CANADA**

AMNH—American Museum of Natural History, New York
ANSP—Academy of Natural Sciences, Philadelphia, PA
BPBM—Bernice P. Bishop Museum, Honolulu
BYUC—Brigham Young University, Provo, UT
CASC—California Academy of Sciences, San Francisco
CISC—University of California, Berkeley
CNCI—Canadian National Collections, Ottawa
CUIC—Cornell University, Ithaca, NY
CWOB—C. W. O'Brien Collection, Tallahassee, FL
DHKC—D. H. Kistner Collection, Chico State College, CA
ELSC—E. L. Sleeper Collection, Long Beach, CA
FMNH—Field Museum of Natural History, Chicago, IL
FSCA—Florida State Collection, Gainesville
HAHC—H. & A. Howden Collection, Ottawa, Canada
ICCM—Carnegie Museum, Pittsburgh, Ottawa, Canada
INHS—Illinois Natural History Survey, Urbana
JGEC—J. G. Edwards Collection, San Jose, CA
KMFC—K. M. Fender Collection, McMinnville, OR
KSUC—Kansas State University, Manhattan
LACM—Los Angeles County Museum, CA
LSUC—Louisiana State University, Baton Rouge
MCZC—Museum of Comparative Zoology, Harvard University, Cambridge, MA
MSUC—Michigan State University, East Lansing
NCSC—North Carolina State University, Raleigh
NYSM—New York State Museum, Albany
OSEC—Oklahoma State University, Stillwater
OSUC—Ohio State University, Columbus
OSUO—Oregon State University, Corvallis

PMNH—Peabody Museum, Yale University, New Haven, CT
PSUC—Pennsylvania State Museum, University Park
PURC—Purdue University, West Lafayette, IN
RUIC—Rutgers University, New Brunswick, NJ
SEMC—Snow Museum, University of Kansas, Lawrence
SJSC—San Jose State College, CA
SLWC—S. L. Wood Collection, Provo, UT

SMNH—Stovall Collection, University of Oklahoma, Norman
TAMU—Texas A. & M. University, College Station
UCDC—University of California, Davis
UICM—University of Idaho, Moscow
UMMZ—University of Michigan, Ann Arbor
UMRM—University of Missouri, Columbia
USNM—U.S. National Museum of Natural History, Washington, DC
WSUC—Washington State University, Pullman

MUSEUMS IN FOREIGN COUNTRIES

BMNH—British Museum (Natural History), London
GUHC—Glasgow University, Hunterian College, Scotland
HMO—Hope Museum, Oxford, England
IPFZ—Institut Pflanzenschutzforschung Zweigstelle, Eberswald, East Germany
IRSB—Institut Royal Sciences Belgique, Brussels
MFNB—Museum für Naturkunde (Humboldt), Berlin
MGFT—Museum G. Frey, Tutzing, Munich, West Germany
MHNL—Museum d'Histoire Naturelle, Lyon, France
MNHP—Museum National d'Histoire Naturelle, Paris
MNNSL—Museum of Natural Sciences, Leipzig, East Germany
MZBS—Museum Zoologia, Barcelona, Spain
NHRS—Naturhistoriske Riksmuseum, Stockholm

NMPC—Narodni Museum, Prague, Czechoslovakia
SCUT—Spinola College, University of Turin, Italy
SMTD—Staatliches Museum für Tierkunde, Dresden, East Germany
UNAM—Universidad Nacional Autonoma, Mexico City
UZMC—University Zoological Museum, Copenhagen, Denmark
UZMH—University Zoological Museum, Helsinki, Finland
ZMAS—Zoological Museum, Academy of Sciences, Leningrad
ZMPA—Zoological Museum, Polish Academy of Sciences, Warsaw
ZMUL—Zoological Museum, University of Lund, Sweden
ZMUM—Zoological Museum, University of Moscow
ZSBS—Zoologische Sammlung Bayerischen Staates, Munich, West Germany
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The taxonomic arrangement used here follows that of the “Annotated Checklist of the Weevils (Curculionidae sensu lato) of North America, Central America, and the West Indies (Coleoptera: Curculionoidea)” (O'Brien and Wibmer, 1982) and incorporates subsequent changes in nomenclature and taxonomy reflected in the companion volume on the weevils of South America (Wibmer and O'Brien, 1986). By using these comprehensive and contemporary references as the base for the first fascicle on the Adelognatha, it is hoped that taxa will not be “lost” in future fascicles of “A Catalog of the Coleoptera of America North of Mexico.”

Tanymecines have been considered either a subfamily or a tribe within Brachyderinae or Thylacitinae. An application to the International Commission on Zoological Nomenclature (ICZN), by A. Howden in 1985, resulted in the name Brachyderinae Schoenherr being placed on the Official List of Family-Group Names in Zoology and the name Thylacitinae being suppressed (ICZN 1987).

The traditional adelognathous subfamilies Otiorhynchinae and Brachyderinae are combined in this work as Polydrosinae (as they were combined in Wibmer and O'Brien, 1986: 44). Additional changes at this level are anticipated.

The tribe Tanymecini is represented in North America by only 13 genera, all restricted to the New World except Tanymecus, which is primarily Old World. The large genera Pandeleiteius and Hadromeropsis, with their origin probably in South America, have radiated northward. The generic limits and relationships of most of the remaining genera are poorly defined.

Little is known of the biology of most of the genera and species, although food plants are associated with some adults. It is assumed that tanymecine larvae feed in the soil on roots, as do the larvae of Tanymecus.

Compared to earlier catalogues and references, there are noteworthy changes. The following genera have been removed from Tanymecini: Polydacrys (to Anypotactini) and Trigonoscuta (to Barynotini). The genera of the tribe Pandeleiteini Pierce (1913: 400) are now included in Tanymecini.

Still listed as Tanymecini are the genera Amotus and Miloderoides (Kissinger, 1964: 35), not on taxonomic evidence, but for organizational purposes only. These genera need to be re-examined critically, in relation to the Cimbocera group of genera.

This manuscript was received November 1975, revised July 1988, and amended March 1992.

Genus ISODRUSUS Sharp 1911

Isodrusus Sharp, 1911: 207. Type-species: Isodrusus debilis Sharp (monot.).


debilis Sharp, 1911: 208. Guatemala: San Gerónimo; TX; Mex., C. Amer. Males are unknown.

Type Depository: BMNH.
Sex of Type: F.
Taxonomy: A. Howden, 1963: 45.
Host: Adults on Quercus sp.

Genus ISODACRYS Sharp 1911

Isodacrys Sharp, 1911: 175. Type-species: Isodacrys guatemalenus Sharp (design. by Pierce, 1913: 401).

Taxonomy: A. Howden, 1961: 75-95.
Redescription: A. Howden, 1961: 76.
buchanani A. Howden, 1961: 82. from Mex.: intercepted at Laredo, TX; Mex. Isodacrys buchanani now appears to be established in Texas; a series was taken 37 miles north of Laredo in Webb County by C. W. O'Brien.

*TYPE DEPOSITORY:* USNM.
*SEX OF TYPE:* M.

burkei A. Howden, 1961: 88. TX: Brazos Co.; TX.

*TYPE DEPOSITORY:* TAMU.
*ECCOLYSIS:* Burke, 1959: 39 (as L. ovipennis).
*HOST:* Adults on many herbaceous plants, sometimes in pest proportions.


*Lectotype designated by A. Howden, 1961: 88.*

*TYPE DEPOSITORY:* USNM.
*SEX OF TYPE:* F.

**Genus MINYOMERUS Horn 1876**

*Minyomerus* Horn, 1876: 17. *Type-species:* *Minyomerus innoeuus* Horn (design. by Pierce, 1913: 400).


**conicollis** Green, 1920: 194. TX: arid region S. of Alpine, toward Chisos Mts.; TX

*TYPE DEPOSITORY:* CASCo

**constrictus** Casey, 1888: 272 (*Elissa*). AZ: Yuma; CA/ AZ.

*TYPE DEPOSITORY:* USNM.

**innoeuus** Horn, 1876: 18. CO; AB MT/ WY CO/ KS/ NM.

**languidus** Horn, 1876: 18. AZ and CA: Fort Tejon; ID/ CA/ AZ NM TX; Mex.


*TYPE DEPOSITORY:* USNM.

**laticeps** Casey, 1888: 272 (*Elissa*). TX: El Paso; AZ NM TX; Mex.

*TYPE DEPOSITORY:* USNM.
*SEX OF TYPE:* F.

**microps** Say, 1831: 9 (*Thylacites*). MO; MO. This species was transferred to *Minyomerus* on the authority of Buchanan *in litt.* (Blackwelder and Blackwelder, 1948: 46).

**microsus** Boheman, 1833: 529 (*Thylacites*) (synonymized by LeConte, 1859: 268). MO. This is perhaps only a misspelling of *microps,* since Boheman states "*Curculio microsus* Say in *Litt*".

**Genus PISCATOPUS Sleeper 1960**

*Piscatopus* Sleeper, 1960: 84. *Type-species:* *Piscatopus griseus* Sleeper (orig. des.).

**griseus** Sleeper, 1960: 86. TX: Presidio Co., Redford; TX.

*TYPE DEPOSITORY:* ELSC.
*SEX OF TYPE:* F.
*HOST:* Adults on *Larrea divaricata* Cav.

**Genus TANYMECUS Germar 1817**

*Tanyiscus* Germar, 1817; 341. *Type-species:* *Curculio palliatus* Fabricius (design. by Schoenherr, 1823: 1144). Although there are several subgenera in this very large genus, the majority of species (and all the New World species) have never been assigned to a subgenus.
confusus Say, 1831: 9. North America; WA ID/ MB MT ND SD/ MN WI/ UT CO/ NE KS IA MO IL IN OH KY/ NY PA NJ MD DC VA/ CT/ TX OK/ LA MS AL TN SC NC FL; Mex., C. Amer. The type-locality is implied from the title of Say's work.

**TYPE DEPOSITORY:** Lost.

confertus Gyllenhal, 1834: 88 (synonymized by LeConte, 1859: 269). MO and "Indiana Americae".


tristis Champion, 1911: 179 (Polydacrys) (attributed to Sturm, 1843: 194 and listed as Polydacris tristis, a nomen nudum). Mex.

**IMMATURE STAGES:** Emden, 1950: 6, and 1952: 766.

lacaena Herbst, 1797: 35 (Curculio). "Nordamerika"; NM TX AL GA SC FL.

canescens (of authors, not Herbst) Gyllenhal, 1834: 85. "America borealis".

leucophaeus Gyllenhal, 1834: 78 (synonymized by LeConte and Horn, 1876: 437). "America borealis".


texanus Van Dyke, 1935b: 86. TX: Uvalde; NM TX.

**TYPE DEPOSITORY:** CAS.

**SEX OF TYPE:** F.

**Genus PACHNAEUS Schoenherr 1826**

Pachnaeus Schoenherr, 1826: 121. Type-species: Curculio opalus Olivier (orig. des.). The genus needs to be revised and its systematic position carefully examined, as noted by Kuscel, 1955: 305.


**TAXONOMY:** Schwarz and Barber, 1922: 29.

**KEYS:** Woodruff, 1979: 3.

litus Germar, 1824: 431 (Cyphus). Insula Cuba; QB/ FL; W. Indies.

**COMMON NAME:** Citrus root weevil.

opalus Olivier, 1807: 339 (Curculio). Carolina; NJ/ MS GA SC NC FL; W. Indies.

distans Horn, 1876: 83 (synonymized by Schwarz and Barber, 1922: 30). FL: Cedar Keys and Capron.

**TAXONOMY:** Schwarz and Barber, 1922: 29.

**Genus AMOTUS Casey 1888**

Amotus Casey, 1888: 243. Type-species: Amotus longisternus Casey (design. by Pierce, 1913: 380) = setulosus (Schoenherr). Casey, 1888: 243 realized that his genus Amotus was possibly the same as Mimetes Schoenherr.

Mimetes Schoenherr, 1847: 23 (preoccupied by Eschscholtz, 1818). Type-species: Mimetes setulosus Schoenherr (monot.). Schoenherr, 1847, was not seen; this interpretation follows O'Brien and Wibmer, 1982.

**KEYS:** Van Dyke, 1935b (includes Stamoderes lanei and S. uniformis), longipennis Pierce, 1909: 348. CA: Kern County; CA.

**TYPE DEPOSITORY:** USNM.

**HOST:** Adults feed on Artemisia.

setulosus Schoenherr, 1847: 24 (Mimetes). Type-locality unknown. Schoenherr, 1847, was not seen; this interpretation follows O'Brien and Wibmer, 1982.

**HOST:** The species feeds on various hillside shrubs, but when these have been removed for purposes of cultivation, it may attack the orchard trees or crops planted in their place (Van Dyke, 1935b).
Genus HADROMEROPSIS Pierce 1913

**Hadromeropsis** Pierce, 1913: 400 (replacement name for *Hadromerus* Schoenherr (1834: 127), junior homonym of *Hadromerus*). Type-species: *Hadromerus nobilitatus* Gyllenhal (automat.). Originally treated as masculine, the species names are given feminine endings in Wibmer and O’Brien (1986) in accordance with the third edition of the International Code of Zoological Nomenclature, 1985: 57. The nomenotypical subgenus was established by A. Howden (1982: 24) to distinguish it from the subgenus *Hadrorestes* (A. Howden, 1982: 83) which is not North American.

**Hadromerus** Schoenherr, 1834: 127 (preoccupied Schoenherr, 1823). Type-species: *Hadromerus nobilitatus* Gyllenhal (orig. des.).

**TAXONOMY:**
- opalina Horn, 1876: 85 (*Hadromerus*). AZ; AZ; Mex.
  - **Type Depository:** MCZC (lectotype).
  - **Sex of Type:** M.
  - **Type Depository:** CASE.
  - **Sex of Type:** F.
  - **Redescription:** A. Howden, 1982: 25.
  - **Host:** Adults have been taken on Mimosoidea (*Acacia schaffneri,* and *Calliandra eriophylla*).

Genus PANDELETEINUS Champion 1911

**Pandeleteinus** Champion, 1911: 206, tab. VIII, figs. 31, 31a. Type-species: *Pandeleteius submetallicus* Schaeffer (orig. des.).

**TAXONOMY:**
- **Keys:** A. Howden, 1969: 77.
- **elytroplanatus** A. Howden, 1959: 378. TX: near Presidio; AZ NM TX; Mex.
  - **Type Depository:** USNM.
  - **Sex of Type:** M.
  - **Host:** Adults feed on many species (A. Howden, 1959: 330, and 1969: 81).
  - **Type Depository:** CASE.
  - **Sex of Type:** M.
  - **Host:** Adults feed on *Prosopis, Olneya tesota* Gray, *Cercidium plurifoliolatum* Micheli, *Acacia constricta* Benth.
- **submetallicus** Schaeffer, 1908: 216 (*Pandeleteius*) (A lectotype was designated by A. Howden, 1959: 369). UT: Beaver Co.; CA NV UT CO/ AZ NM TX.
  - **Type Depository:** USNM.
  - **Sex of Type:** F.
  - **Redescription:** A. Howden, 1959: 369; pl. 1, figs. 6, 12.
  - **Host:** Adults feed primarily on *Juniperus*.

Genus SCALA VENTER A. Howden 1970

**Scalaventer** A. Howden, 1970: 3, figs. 6-24, 38-44, etc. Type-species: *Scalaventer cyrillae* Howden (orig. des.).

**TAXONOMY:**
- **keys:** A. Howden, key to genus 1970: 3, key to spp: 5.
- **subtropicus** Fall, 1907: 263 (*Pandeleteius*). FL: Key Largo; FL; Mex., W. Indies. Lectotype designated by A. Howden, 1970: 21.
  - **Type Depository:** MCZC.
  - **Sex of Type:** M.
Genus PANDELETEIUS Schoenherr 1834

Pandeleteius Schoenherr, 1834: 129. Type-species: Pandeleteius paupercaulus Gyllenhal (orig. des.) = hilaris (Herbst). All species of Pandeleteius north of Mexico belong to the subgenus Pandeleteius; the only other subgenus, Exmenetypus, occurs in Central America and northern South America. "Host" records are adult feeding records only.

Pandeletejus (error). (In Horn, 1876: 86; Fall, 1907: 262; Schaeffer, 1908: 214).


attenuatus A. Howden, 1959: 411. AZ: Nogales; AZ NM.


cinereus Horn, 1876: 87. TX; TX OK; Mex. The Arizona record in Pierce 1909: 360 refers to P. buchanani.

defectus Green, 1920: 196. TX: Chisos Mts.; CA/ UT CO/ AZ NM TX; Mex. Males are unknown.
dentipes Pierce, 1913: 403. TX: Brewster Co., Chisos Mts.; NM TX.

henryi A. Howden, 1959: 398. AZ: Santa Rita Mts., Madera Canyon; AZ; Mex.

hilaris Herbst, 1797: 58 (Curculio). North America; ON PQ/ IA MO IL IN OH KY/ NY PA NJ DE MD DC WV VA;/ NH VT MA CT/ TX OK/ AR LA MS AL TN GA SC NC FL. Northern limits of the range are concurrent with that of Quercus alba.

paupercaulus Gyllenhal, 1834: 130. America borealis.


TYPE DEPOSITORY: CASCo
SEX OF TYPE: M.
HOST: Quercus spp.

TYPE DEPOSITORY: BMNH.
HOST: Adults feed on Prosopis spp.

Type Depository: BMNH.
Sex of Type: F.
Redescription: A. Howden, 1970: 46, figs. 44c, 76.
Host: Adults feed on *Cassia emarginata*, *Lantana camara* L., *Pithecellobium* Benth., *Prosopis* spp.

plamosiventris A. Howden, 1959: 401. AZ: Cochise Co., Huachuca Mts.; AZ; Mex. Males are unknown.

Type Depository: CASC.
Sex of Type: F.
Redescription: A. Howden, 1970: 46, figs. 44c, 76.
Host: Adults feed on *Cassia emarginata*, *Lantana camara* L., *Pithecellobium* Benth., *Prosopis* spp.

robustulus Emden, F. van, 1939: 257 (replacement name for *Pandeleteius robustus* Schaeffer). AZ: Huachuca Mts.; AZ; Mex.


Type Depository: USNM.
Sex of Type: M.
Redescription: A. Howden, 1959: 395, pl. I, fig. 4; pl. 2, fig. 5.
Host: Adults on *Quercus arizonica* B. Sarg., *Pseudotsuga taxifolia* (Poir.).

rotundicollis Fall, 1907: 262. NM: Cloudcroft; AZ NM TX; Mex.

Type Depository: MCZC.


Type Depository: USNM.
Sex of Type: F.


Type Depository: BYUC.
Redescription: A. Howden, 1959: 414, pl. 2, fig. 11.
Host: *Quercus spp.*, *Juglans, Pinus*.

simplarius Fall, 1907: 263. NM: Cloudcroft; NM TX.

Type Depository: MCZC.
Sex of Type: F.

spatulatus Green, 1920: 195 (synonymized by A. Howden, 1959: 394). TX: Chisos Mts. No lectotype was designated.

Type Depository: ANSP, CASC.
Redescription: A. Howden, 1959: 394, pl. 2, fig. 11.
Host: Specimens were beaten from *Cercocarpus montanus*.

Genus MILODEROIDES Van Dyke 1936

Miloderoides Van Dyke, 1936: 74. Type-species: *Miloderoides maculatus* Van Dyke (orig. des.).

Taxonomy: Ting, 1940: 141-144.

cinereus Van Dyke, 1935a: 1 (*Cimbocera*). CO: Grand Junction; NV/ WY CO.

Type Depository: CASC.
Sex of Type: F.

argentus Van Dyke, 1935a: 4 (*Miloderes* (transferred to *Miloderoides* by Van Dyke, 1936: 75); synonymized by Ting, 1940: 143). CO: Grand Junction.

Type Depository: CASC.
Sex of Type: M.

maculatus Van Dyke, 1936: 76. ID: Parma; ID.

Type Depository: CASC.
Sex of Type: M.

vandykei Tanner, 1942: 23. UT: Washington Co., St. George, Virgin River; UT.

Type Depository: BYUC.
Genus TRIGONOSCUTOIDES O'Brien 1977


texanus O'Brien, 1977: 157. TX: Winkler Co., 4.5 mi N. E. of Kermit (Hwy. 115); TX.

Type Depository: CWOB.
Sex of Type: M.
Host: shin oak (*Quercus* spp.).
Beavers, J. B. and R. E. Woodruff  
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1818  Decades tres eleutheratorum novorum. Memoirs de la Academia Imperial de Sciences, St. Petersbourg [= St. Petersburg], vol. 6, pp. 454-484.

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1824  Insectorum species novae aut minus cognitae, descriptionibus illustratae. I. J. C. Hendelii et Fillii, Halae [= Halle], 624 pp., illus.

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1834  In Schoenherr, C. J., Genera et species curculionidum, cum synonymia hujus fami-

Herbst, J. F. W.
1797  Natursystem aller bekannten in und auslandischen Insekten, als eine Fortsezung

Horn, G.
1876  In LeConte and Horn, The Rhynchophora of America north of Mexico. 
See LeConte and Horn, 1876.

Howden, A. T.
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CAPITALS: All names for taxa above the generic level
Boldface: Valid generic and subgeneric names;
Roman: Valid specific and subspecific names;
Italic: All invalid names such as synonyms, nomina nuda, and extra-limital taxa even though valid.
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