

A Catalogue of West Indies Anthribidae (Coleoptera)

Barry D. Valentine
Museum of Biological Diversity
The Ohio State University
Columbus OH 43212

Abstract. This is a catalogue of 23 described and 6 undescribed genera, and 48 described and 157 undescribed species of West Indian Anthribidae distributed from the Bahamas to Grenada. Each described genus has author, date, page, type species and how designated, World distribution, number of World species, and synonyms. Each described species has author, date, page, original generic name if a transfer has occurred, type locality, sex and location of type(s) if known, synonyms, and island-by-island distribution. New taxa are numbered, with data on museum location and island distribution. There are brief comments on New World distributions as they relate to the Antilles, and on missing Suffrian and Wolfrum types.

Introduction

The Antilles fauna is rich in biological interest, containing a diverse biota ranging from old endemics to modern tramps. Percentages vary greatly from one group of organisms to another, among the Anthribidae, 35% of the genera and 95% of the species are confined to the West Indies. This high degree of endemism is characteristic of isolated oceanic islands which were either never connected to the mainland, or which became separated before arrival of the present biota.

The difficulties inherent in crossing marine gaps (at least for anthribids) are clearly demonstrated by the absence of numerous widespread mainland lineages. Of 80 New World genera, 52 are absent from the West Indies; the absentees include 5 tribes and hundreds of species. Some missing genera and the number of mainland species known to me (described and undescribed) are listed in Table 1.

Other mainland genera have barely reached the Antilles. *Ischnocerus* Sch. has 14 species, one of which has reached the Bahamas from Florida. *Trigonorhinus* has 16 species with a single specimen of a common eastern U. S. species seen from Cuba. *Piesocorynus* has 54 species, two of which are Antillean, one in the Bahamas and Cuba, the other on Hispaniola. *Eusphyrus* Lec. has at least 110 species one of

which occurs in south Florida and Cuba. A total of eight species occur in Florida and either the Bahamas and/or Cuba, plus the cosmopolitan *Araecerus fasciculatus* (DeG.). No other islands share species with the mainland. Shared taxa are shown in Table 2.

In the above table, etc. indicates mainland distribution beyond Florida, *Ischnocerus infuscatus* ranges from the District of Columbia to Honduras. *Phoenicobiella chamaeropsis* from South Carolina to Louisiana along the coast, and *Trigonorhinus rotundatus* from Canada to Mexico.

In addition, several mainland genera, after reaching the Antilles have diversified within and between islands to form the endemic complexes characteristic of archipelago speciation and adaptive radiation (see discussion in Quammen, 1996:217-222, 627). Examples (includes undescribed species) are in Table 3.

Identification of West Indies Anthribidae is complicated by numerous new species. Three quarters of the 194 known to me are undescribed and of 28 genera, 6 are undescribed. Among the new species, three quarters are in *Ormiscus*, the only genus present on every island from which anthribids are known.

A second complication is non-availability of some Suffrian and Wolfrum holotypes. Suffrian (1870) described 16 new species of Anthribidae from Cuba. His collection (also Germar's) is in the Martin Luther Universitat in Halle, Germany, but apparently con-

Table 1. Mainland genera not represented in the West Indies and the number of mainland species.

<i>Stenocerus</i> Sch.	11 species	<i>Corrhecerus</i> complex	45 species
<i>Discotenes</i> Labram & Imhoff	16 species	<i>Phaenithon</i> Sch.	94 species
<i>Monocloeus</i> Jordan	17 species	<i>Euparius</i> Sch.	94 species
<i>Tribotropis</i> complex	18 species	<i>Goniocloeus</i> Jord.	99 species
<i>Eugonus</i> Sch.	37 species	<i>Gymnognathus</i> Sch.	192 species

Table 2. Species shared between Florida and the West Indies.

<i>Acaromimus americanus</i> (Mots.)	Florida, Bahamas
<i>Ischnocerus infuscatus</i> (Fahrs.)	Florida etc., Bahamas
<i>Brachycorynus distentus</i> (Fries.)	Florida, Cuba
<i>Phoenicobiella chamaeropsis</i> (Lec.)	Florida etc., Bahamas
<i>Toxonotus fascicularis</i> (Sch.)	Florida, Bahamas, Cuba
<i>Trigonorhinus rotundatus</i> (Lec.)	Florida, etc., Cuba
<i>Eusphyrus schwarzi</i> Pierce	Florida, Cuba
<i>Ormiscus floridanus</i> (Leng)	Florida, Cuba

tained types of only five of his species: *Tropideres* (now *Homocloeus*) *confusus* and *obsoletus*, *Tropideres* (now *Ormiscus*) *angulatus* and *parvulus*, and *Ptychoderes* (now *Eucloeus*) *angulatus*, all of which I have examined. My identifications of the other species are based on Suffrian's and Gundlach's descriptions and on a partial set of Cuban species sent to me by Paul Wolfrum, some 25 years after he examined the Suffrian material.

In 1989, at my request, 23 Wolfrum type series were hand carried from the Frey Museum in Germany to Basel, Switzerland, and there examined by me. Included was the holotype and five cotypes of *Phaenotheriopsis bierigi* Wolfrum, one cotype of *Homocloeus conspersus* Wolfrum, and two paratypes of *Neanthribus mendax* Wolfrum. "Cotype" vs. "paratype" was based on Wolfrum's red pin labels. These specimens (plus 40 specimens of 20 additional species from the Neotropics and Africa) were not in the Frey Museum five years later. I suspect they are still in Basel. The Wolfrum collection was donated to the G. Frey Museum, Tutzing, Germany in 1961, and when I re-examined it in 1993 and 1994, no West Indian anthribid types were present. Wolfrum's (1930) paper on Cuban and Puerto Rican anthribids also mentions specimens and/or types of 16 species in the Berlin

Museum. I examined that collection in 1997 and found no West Indian anthribids.

Type materials of Schonherr, Boheman, Gyllenhal, and Fahraeus were examined in Stockholm, of Fabricius in Copenhagen, Oliver and Chevrolat in Paris, Leconte in Cambridge, Jordan in London, Pierce in Washington, D.C., Frieser in Feldafing, Germany, and Valentine in Columbus, Ohio, New York, and London.

The checklist includes all undescribed taxa known to me. To omit them would result in a grossly incorrect picture of Antilles diversity and distribution. Including them is sure to frustrate future workers, so I have indicated the collections in which they are housed. Codons for the various collections are discussed below.

Collection Codons

Dozens of American and European Coleoptera collections in museums, universities, and private hands have been examined for Antillean anthribids, with surprisingly poor results. The West Indies have not been adequately sampled. The following list includes repositories with West Indies Anthribidae, but is incomplete. It will, I hope, stimulate and facilitate future studies.

<i>Brachycorynus</i> Val.	7 of 13 species
<i>Homocloeus</i> Jord.	38 of 54 species
<i>Toxonotus</i> Lacord.	8 of 35 species
<i>Ormiscus</i> G. R. Waterh.	75 of 180 species
<i>Phaenotheriopsis</i> Wolf.	13 of 13 species

Table 3. Mainland genera that have undergone adaptive radiation in the West Indies and the number of West Indian species compared to the total.

AMNH	American Museum of Natural History, New York, NY. Important Bahamas collection; a few vouchers for Wolcott's Puerto Rican records, a few specimens from the Lesser Antilles.
ANSP	Academy of Natural Sciences, Philadelphia, PA. A few duplicates from the Poey collection, plus others.
BDVC	B. D. Valentine, Columbus, OH. Largest collection of Antilles Anthribidae
BMNH	British Museum (Natural History), London, England. Largest collection of World Anthribidae, but Antilles not well represented.
CASC	California Academy of Sciences, San Francisco, CA. Important World collection; poor for Antilles.
CMNC	Canadian Museum of Nature, Ottawa, Canada. Is receiving the Henry and Anne Howden collection.
CMNH	Carnegie Museum of Natural History, Pittsburgh, PA. Important Neotropical mainland collection; poor for Antilles. Hispaniola survey in progress.
CNCC	Canadian National Collection, Ottawa Canada. Jamaica anthribids collected by the Howdens and Becker.
CUIC	Cornell University, Ithaca, NY. A few specimens from Haiti.
FDZC	F. deZayas collection, Havana, Cuba. Not seen.
FMNH	Field Museum of Natural History, Chicago, IL. Important collection except for the West Indies.
FSCA	Florida State Collection of Arthropods, Gainesville, FL. Important Antilles collections.
HAHC	Henry and Anne Howden, Ottawa, Canada. Has anthribids from the Bahamas and Jamaica.
IJSM	Institute of Jamaica, Kingston, Jamaica. Has the C. C. Gowdey collection on which his checklist was based.
IREC	Institut de Recherches Entomologique de la Caribe, Pointe-a-Pitre, Guadeloupe. Includes the F. Chalumeau collection. Not seen.
IZAC	Instituto de Zoologica, Academia de Ciencias de Cuba, Havana, Cuba. Gundlach collection; not seen.
MAIC	M. A. Ivie, Bozeman, MT. Second largest collection of Antilles Anthribidae.
MCZC	Museum of Comparative Zoology, Harvard University, Cambridge, MA. Critically important P. J. Darlington collections from Cuba, Hispaniola, and Puerto Rico.
MLUS	Martin-Luther Universitat, Halle, Germany. Part of the Suffrian collection from Cuba.
MNHN	Museum Nationale d'Histoire Naturelle, Paris, France. Types of Olivier and Chevrolat.
NHMB	Naturhistorisches Museum, Basel, Switzerland. Wolfrum collection and Dominican Republic.
NHMW	Naturhistorisches Museum Wien, Vienna, Austria. Not seen.
NHRS	Naturhistoriska Riksmuseet, Stockholm, Sweden. Types of Schönherr, Boheman, Gyllenhal, and Fahraeus.
RFCC	R. F. Frieser, Feldafing, Germany. Important World collection; poor from Antilles.
UMEC	University of Massachusetts, Amherst, MA. Have duplicates from the C. C. Gowdey Jamaican collection, but no anthribids.
USNM	United States National Museum, Washington, DC. Wolcott vouchers, E. A. Schwarz Cuban material, Dominica, etc.
ZMHU	Museum für Naturkunde der Humboldt - Universität, Berlin, Germany. Supposed to have some Suffrian and Wolfrum Antilles types, but not found.
ZMUC	Zoological Museum, University of Copenhagen, Denmark. J. C. Fabricius collections and types.
ZSMC	Zoologische Staatssammlung, München, Germany. Will be recipient of R. F. Frieser collection.

Family Anthribidae
Subfamily Choraginae
Tribe Araecerini

Araecerus Schonherr, 1823:1135. Type: *Anthribus coffeae* Fabricius, 1801:411, by monotypy. Indopacific with 86 described species, one of which is cosmopolitan.

=*Araecerus* Schonherr, 1839:273. This corrected spelling is preoccupied by Nordman, 1837, in Staphylinidae.

=*Araecorynus* Jekel, 1855:150. Type species: *Araecorynus cumingi* Jekel, 1855:157, by original designation and monotypy.

=*Doticus* Pascoe, 1882:27. Type species *Doticus palmaris* Pascoe, 1882:27, by monotypy.

=*Metadoticus* Olliff, 1890:75. Type species *Metadoticus pestilens* Olliff, 1890:75, by monotypy.

fasciculatus (DeGeer, 1775:276, pl. 16, fig. 2) (*Curculio*). Type locality: Surinam. Lectotype: male in NHRS, designated by Valentine in press.

Cosmopolitan; Cuba; Hispaniola;
Jamaica; Grenada; Bermuda

=*cacao* (Fabricius, 1775:64) (*Bruchus*). Type locality: not given; however Olivier, 1795:15, who worked closely with Fabricius, states: "Il se trouve á l'Amerique meridionale." Holotype: female in ZMUC.

=*peregrinus* (Herbst, 1797:168) (*Bruchus*). Type locality: "Amerika." Holotype not found.

=*capsinicola* (Fabricius, 1798:159) (*Bruchus*). Type locality: "in Cajennae seminibus." Lectotype male in ZMUC, designated by Valentine in press.

=*coffeae* (Fabricius, 1801:411) (*Anthribus*). Type locality: India. Holotype: male in NHRS.

=*alternans* (Germar, 1824:175) (*Anthribus*). Type locality: Brasilia. Lectotype: male in MLUS, designated by Valentine, in press.

=*griseus* (Stephens, 1831:211, pl. XXI, fig. 2) (*Phloeobius*). Type locality: London, Suffolk, and Devonshire. Cotypes not found.

=*parvirostris* (Thomson, 1858:113) (*Cratoparis?*). Type locality: Gabon. Type not found.

=*seminarius* Chevrolat, 1871:7, pl. 1, fig. 5. Type locality: France, Paris, but imported from Brasil. Holotype: female in MNHN.

=*mateui* (Cobos, 1954:41, fig. 1) (*Tropideres*, subgenus *Rhaphitropis*). Type locality: Spain, Prov. de Barcelona, Tiana. Holotype female in Instituto de Aclimatación, Almeira, Spain

Cyptoxenus Valentine, 1982:197. Type species: *Cyptoxenus sigillatus* Valentine, 1982:197, by original designation and monotypy. Antillean endemic; 1 species.

**sigillatus* Valentine, 1982:198, fig. 1. Type locality: Jamaica
Jamaica, St. Andrew Par., NW slope of Long Mt., near Mona,
800'. Holotype: male in BDVC. Jamaica

New Genus A, near *Cyptoxenus* Valentine, 1982:197. Antillean endemic; 2 species.

*n. sp. 1 in NHMB. Hispaniola

*n. sp. 2 in BDVC. Jamaica

Neoxenus Valentine, 1999:253. Type species: *Neoxenus versicolor* Valentine, 1999:254, by original designation. Neotropical Texas (possibly adventive), Mexico to Brasil; West Indies; 7 species.

**pallipes* (Suffrian, 1870:170) (*Notioxenus*). Type locality: Cuba
Cuba. Holotype not found; identity uncertain. Cuba

*n. sp. 1 in BDVC, USNM. Cuba; Jamaica

*n. sp. 2 in BDVC, MCZC. Cuba; Jamaica; Puerto Rico

New Genus B. Antillean endemic; 2 species.

**acanthoceroides* (Wolfrum 1930:31) (*Euxenus*). Type
locality: "Portorico". Holotype not found. Puerto Rico

*n. sp. 1 in MAIC, BDVC. US Virgin Is: St. John; British Virgin Is:
Guana

Habroxenus Valentine, 1999:256. Type species: *Habroxenus politus* Valentine, 1999:256, by original designation. Eastern United States to Guatemala; West Indies; 6 or 7 species.

**sarmenticola* Valentine, 1999:257, fig. 1. Type locality: Hispaniola
Haiti, Morne Guimby, 22 km SE. Fond Verettes. 6000'. Forêt
des Pins, hardwood cloud forest. Holotype: male in BDVC.

*n.sp. 1 in CNCC. Jamaica

*n.sp. 2 in CNCC. Jamaica

*n.sp. 3 in MAIC. British Virgin Is: Tortola

* n.sp. 4 in MAIC. Puerto Rico

Acaromimus Jordan, 1907:381. Type species: *Acaromimus sharpi* Jordan, 1907:382, by original designation and monotypy. Mostly Neotropical, south Florida to Costa Rica, West Indies; 8 species.

=*Acaropsis* Jordan, 1907:832, pl. 14, fig. 31, *lapsus*.

americanus (Motschoulsky, 1873:251) (*Xenorchestes*). Type locality: [Alabama], Mobile. Holotype not seen, may be in Moscow. ^{NOTE:} Use of the name *americanus* is not clear. I do not know if the South Florida - Bahamas species is the same as Motschoulsky's from Alabama, and Leconte's (1884) from Texas. I have tried twice without success to borrow the Motschoulsky type.

Florida; Tortugas; Bahama Is: Andros,
New Providence

*n.sp. 1 in BDVC.

Cuba

*n.sp. 2 in CNCC.

Jamaica

*n.sp. 3 in BDVC.

Bahamas: New Providence

*n.sp. 4 in BDVC, MAIC.

US Virgin Is: St. Thomas, St. John, St.
Croix; British Virgin Is: Guana, Great
Camanoe, Virgin Gorda, Jost Van Dyke

Tribe Choragini

Melanopsacus Jordan, 1924b:608. Type species: *Melanopsacus fortis* Jordan, 1924b:609 by original designation. Essentially world-wide except Nearctic; 80 species.

*n.sp. 1 in USNM.

Cuba

*n.sp. 2 in CNCC.

Jamaica

Holostilpna Jordan, 1907:382. Type species: *Choragus nitens* Jordan, 1907:382, not Leconte, 1884:32, by original designation. This species is now *Holostilpna jordani* Valentine, 1991:303; 12 species.

=*Euxenus* Leconte, 1876:409. Type species: *Euxenus punctatus* Leconte, 1876:409, by monotypy.
Nearctic and Neotropical. Preoccupied by *Euxenus* Gistel, 1856.

*n.sp. 1 in MCZC.

Cuba

*n.sp. 2 in BDVC.

Hispaniola

*n.sp. 3 in MCZC.

Hispaniola

*n.sp. 4 in BDVC, MAIC.

Hispaniola

*n.sp. 5 in BDVC, MAIC

British Virgin Is: Tortola

*n.sp. 6 in MAIC

Montserrat

Apteroxenus Valentine, 1979:21. Type species: *Apteroxenus globulosus* Valentine, 1979:24, by original designation and monotypy. Antilles endemic; 1 species.

**globulosus* Valentine, 1979:24, fig. 1-3. Type locality:
Jamaica, Portland Par., Hardwar Gap 4,000'. Holotype:
female in BMNH.

Jamaica

Euxenus Valentine, 1960:48, 53. Type species: *Euxenus piceus* Leconte, 1878:434, by original designation and monotypy. Nearctic and West Indies; 5 species.

*n.sp. 1 in USNM.	Cuba
*n.sp. 2 in USNM.	Cuba
*n.sp. 3 in CNCC.	Jamaica
*n.sp. 4 in USNM.	Dominica
*n.sp. 5 in MAIC	Puerto Rico

**New Subfamily
New Tribe**

New Genus C. Neotropical: Lesser Antilles and Brasil; 2 species.

*n.sp. 1 in USNM, BDVC.	Dominica
-------------------------	----------

**Subfamily Anthribinae
Tribe Decataphanini**

Ptychoderes Schönherr, 1823:1135. Type species: *Macrocephalus nebulosus* Olivier, 1795:5, pl. 1, fig. 3a, b, c, by original designation and monotypy. Neotropical; 15 species.

* <i>crystalensis</i> de Zayas, 1988:150, fig. 134. Type locality: Cuba, Oriente, Sierra de Cristal. Holotype in de Zayas collection, Havana.	Cuba
*n.sp. 1 in FSCA, BDVC.	Hispaniola

New Genus D, near *Hypselotropis* Jekel, 1855:40, 65. West Indian endemic, 1 species.

*n.sp. 1 in USNM.	Jamaica
-------------------	---------

Tribe Ischnocerini

Ischnocerus Schonherr, 1839:191. Type species: *Ischnocerus infuscatus* Fahraeus, 1839:192, by original designation. Nearctic and Neotropical except Greater and Lesser Antilles; 14 species.

=*Meconemus* Labram and Imhoff, 1839:Heft IV. Type species: *Meconemus tuberculatus* Labram and Imhoff, 1839:Heft IV [unpaged], by monotypy.

NOTE: Alonso-Zarazaga and Lyal (1999: 30) incorrectly cite *Meconemus* Labram and Imhoff as published in 1838 in the third fascicle of their work, and give the name priority over *Ischnocerus* Schoeherr, 1839: 191. Labram and Imhoff's fascicles 1-3 were published in 1838, however, they contain no anthribids. Fascicle 4 (1839) starts the anthribids and includes *Meconemus*; I base this on Schoeherr's handwritten notes in his personal copy of the *Genera et Species Curculionidum*, which I have examined in Stockholm. The question of priority remains, and cannot be settled with existing information. The International Code of Zoological Nomenclature (1999; Article 24.2) stipulates that when priority of synonyms cannot be positively determined, precedence is fixed by the first author who cites these names in a published work and who selects their priority. This is the principle of the "first reviser." The synonymy of the two genera was established by Labram and Imhoff in an unpaged and undated addendum in their Volume 2 dated between 1843 and 1852 (in my copy this sheet is bound between the genera *Brachycerus* and *Microcerus*), but the priority is still not clear. The next reviser is Lacordaire (1866: 505) who clearly cites *Meconemus* as a synonym of *Ischnocerus*. Unless an earlier reviser is discovered, this settles the matter.

infuscatus Fahraeus, 1839:192. Type locality: Mexico.
Holotype in NHRS.

Maryland to Guatemala; Bahama Is.:
Andros, Abaco, Eleuthera

=*tuberculatus* Labram and Imhoff, 1839:Heft IV. Type
locality: Mexico. Holotype unknown.

Tribe Gymnognathini

New Genus E, near *Gymnognathus* Schönherr, 1826:37. Antillean endemic; 3 species.

**caniqui* de Zayas, 1988:151, fig. 135. Type locality: Cuba,
Matanzas, Cienga de Zapata. Holotype in de Zayas
collection, Havana.

Cuba

*n.sp. 1 in BDVC.

Bahamas

*n.sp. 2 in USNM. This is *Gymnognathus* sp. of Wolcott,
1936:289.

Puerto Rico

Tribe Rhinotropidini

Homocloeus Jordan, 1904:264. Type species: *Homocloeus vestitus* Jordan, 1904:265, by original designation.
Neotropical; 54 species.

**acerbus* (Boheman, 1833:149) (*Tropideres*). Type locality:
Cuba. Holotype: female in NHRS.

Cuba

**balteatus* (Gyllenhal, 1833:154) (*Tropideres*). Type locality:
Cuba. Holotype: male in NHRS.

Cuba

**caliginosus* (Boheman, 1833:149) (*Tropideres*). Type
locality: Cuba. Holotype: male in NHRS.

Cuba

=*modestus* (Suffrian, 1870:182) (*Tropideres*). Type
locality: Cuba. Holotype not found.

Cuba

**confusus* (Suffrian, 1870:198) (*Tropideres*). Type locality:
Cuba. Cotypes male and female in MLUS.

Cuba

**conspersus* Wolfrum, 1930:29. Type locality: "Portorico".
Holotype not found.

Puerto Rico; Hispaniola; British Virgin Is:
Tortola

**dermestoides* (Suffrian, 1870:176) (*Eugonus*). Type
locality: Cuba. Holotype not found.

Cuba

**feralis* (Boheman, 1833:148) (*Tropideres*). Type locality:
Cuba. Holotype: male in NHRS.

Cuba

**insularis* (Frieser, 1959:420) (*Piezocorynus*). Type locality:
Guadeloupe. Holotype in NHMW.

Guadeloupe; Dominica

**laetus* (Suffrian, 1870:195) (*Tropideres*). Type locality:
Cuba. Holotype not found.

Cuba

**luscus* (Fahraeus, 1839:209) (*Tropideres*). Type locality:
Cuba. Holotype female in NHRS.

Cuba

* <i>obsoletus</i> (Suffrian, 1870:184) (<i>Tropideres</i>). Type locality: Cuba. Holotype female in MLUS.	Cuba
* <i>sexverrucatus</i> (Suffrian, 1870:190) (<i>Tropideres</i>). Type locality: Cuba. Holotype not found.	Cuba
* <i>sordidulus</i> (Suffrian, 1870:193) (<i>Tropideres</i>). Type locality: Cuba. Holotype not found.	Cuba.
*n.sp. 1 in MCZC, USNM, BDVC.	Cuba
*n.sp. 2 in MCZC, BDVC.	Cuba
*n.sp. 3 in BDVC.	Cuba
*n.sp. 4 in MCZC.	Cuba
*n.sp. 5 in MCZC.	Cuba
*n.sp. 6 in MCZC, BDVC.	Hispaniola
*n.sp. 7 in MCZC, BDVC.	Hispaniola
*n.sp. 8 in MCZC.	Hispaniola
*n.sp. 9 in CUIC, USNM.	Hispaniola
*n.sp. 10 in BDVC.	Hispaniola
*n.sp. 11 in BDVC.	Hispaniola
*n.sp. 12 in BDVC, MAIC.	Hispaniola
*n.sp. 13 in NHMB, MAIC.	Hispaniola
*n.sp. 14 in NHMB, MAIC.	Hispaniola
*n.sp. 15 in NHMB, MAIC.	Hispaniola
*n.sp. 16 in NHMB.	Hispaniola
*n.sp. 17 in NHMB.	Hispaniola
*n.sp. 18 in NHMB.	Hispaniola
*n.sp. 19 in AMNH, BDVC, MCZC, USNM.	Puerto Rico
*n.sp. 20 in CNCC, CNMH, BDVC.	Jamaica
*n.sp. 21 in CNCC, BDVC.	Jamaica
*n.sp. 22 in CNCC, BDVC.	Jamaica
*n.sp. 23 in CNCC.	Jamaica
*n.sp. 24 in CNCC.	Jamaica
*n.sp. 25 in BMNH.	Cayman Is.
*n.sp. 26 in MAIC.	Montserrat
*n.sp. 27 in MAIC.	Montserrat

*n.sp. 28 in MAIC.

Montserrat

Monocloeus Jordan, 1904:255. Type species: *Monocloeus elaphrinus* Jordan, 1904:255, by original designation. Neotropical; 17 species.

*n.sp. 1 in BDVC.

Hispaniola

Tribe Piesocorynini

Piesocorynus Dejean, 1834:235. Type species: *Euparius dispar* Gyllenhal, 1833:140, by monotypy. Nearctic and neotropical; 54 species.

**suffriani* Valentine, new name for *Tropideres gracilicornis* Suffrian, 1870:186, a junior homonym of *Camptotropis gracilicornis* Jekel, 1855:138, both of which are now in *Piesocorynus*. Type locality: Cuba. Holotype not found.

Cuba; Bahamas: Andros

*n.sp. 1 in MAIC, BDVC.

Hispaniola

*n.sp. 2 in MAIC

Hispaniola

Brachycorynus Valentine, 1999:271. Type species: *Tropideres rectus* Leconte, 1876:395, by original designation. Nearctic and Neotropical south to Panama; 13 species.

distentus (Frieser, 1983:53) (*Homocloeus*). Type locality: Cuba, Prov. Havana, Playa Marianao. Holotype: male in R. F. Frieser collection, to be deposited in ZSMC.

Cuba; south Florida

*n.sp. 1 in CUIC

Hispaniola

*n.sp. 2 in MAIC, CUIC, BDVC

Hispaniola

*n.sp. 3 in MAIC, CUIC, BDVC

Hispaniola

*n.sp. 4 in BDVC

Hispaniola

*n.sp. 5 in BDVC, USNM

Puerto Rico

*n.sp. 6 in MAIC, BDVC, CMNH

Jamaica

Phaenotheriopsis Wolfrum, 1931:70. Type species: *Phaenotheriopsis bierigi* Wolfrum, 1931:70, by original designation and monotypy. Antillean endemic; 13 species. Some species flightless.

**bierigi* Wolfrum, 1931:70. Type locality: Cuba, Prov. Havana, Tapaste. Holotype: male in NHMB.

Cuba

**conciliatus* Valentine, 1991:332, fig. 1. Type locality: Puerto Rico, Carib. N. F., El Toro Negro D., Hwy. 143. Holotype: male in BDVC.

Puerto Rico

**tuberculatus* Valentine, 1991:334, fig. 2. Type locality: Dominican Republic, LaVega, 18 km. SE. Constanza. Holotype: male in BDVC.

Hispaniola

- *umbonatus* Valentine, 1991:338, fig. 4. Type locality: Dominican Republic, La Vega, 53 km. SE. Constanza. Holotype: male in BDVC. Hispaniola
- *vauriei* Valentine, 1955:5, fig. 1A, B. Type locality: Bahama Is., South Bimini I. Holotype: female in AMNH. Bahamas: South Bimini, Andros, New Providence
- *verrucosus* Valentine, 1991:336, fig. 3. Type locality: Dominican Republic, La Vega, 18 km. SE. Constanza. Holotype: male in BDVC. Hispaniola
- *n.sp. 1 in BDVC Cuba
- *n.sp. 2 in MAIC, USNM Jamaica
- *n.sp. 3 in USNM Jamaica
- *n.sp. 4 in USNM Jamaica
- *n.sp. 5 in BDVC Jamaica
- *n.sp. 6 in BDVC Jamaica
- *n.sp. 7 in BDVC Jamaica
- *n.sp. 8 in BDVC Jamaica
- *n.sp. 9 in MAIC US Virgin Is: St. John
- *n.sp. 10 in MAIC, BDVC US Virgin Is: St. John; British Virgin Is: Great Camanoe
- *n.sp. 11 in MAIC Vieques

Tribe Platyrhinini

New Genus F, near *Goniocloeus* Jordan, 1904:260. Antilles endemic; 3 species.

- *tuberculatus* (Olivier, 1795:10, pl. 1, fig. 11) (*Macrocephalus*). Type locality: "Afrique", corrected to "Haity" by Lacordaire, 1866:534. Holotype female in Paris; missing head and prothorax. Hispaniola, Puerto Rico, British Virgin Is: Tortola
- *n.sp. 1 in FSCA, BDVC, MAIC Hispaniola
- *n.sp. 2 in FSCA, BDVC Hispaniola

Eucloeus Wolfrum, 1930:26. Type species: *Ptychoderes angulatus* Suffrian, 1870:199, by original designation and monotypy. Antilles endemic; 1 species.

- *angulatus* (Suffrian, 1870:199) (*Ptychoderes*). Type locality: Cuba. Holotype female in MLUS. Cuba

Tribe Platystomini

Phoenicobiella Cockerell, 1906:243, replacement name for *Phoenicobius* Leconte, 1876:400 preoccupied in Mollusca. Type species: *Phoenicobius chamaeropsis* Leconte, 1876:401, by monotypy. Nearctic (south Atlantic and Gulf Coast) and Antilles; 3 species.

chamaeropsis Leconte, 1876:401. Type locality: Florida, South Carolina to Louisiana; Bahamas: restricted to Volusia Co., Enterprise, by Valentine, 1955:8. South Bimini, Eleuthera, Crooked Syntypes in MCZC.

**trituberculata* (Suffrian, 1870:172) (*Toxonotus*). Type locality: Cuba. Holotype ? not found. Cuba

Toxonotus Lacordaire, 1866:575. Type species: *Anthribus fascicularis* Schoenherr, 1833:132, by monotypy. Nearctic and Neotropical; 35 species.

=*Neanthribus* Jordan, 1906:341. Type species: *Neanthribus championi* Jordan, 1906:342, by original designation.

=*Pseudanthribus* Pierce, 1930:22, 24. Type species: *Anthribus cornutus* Say, 1831:4, designated by Anderson, 1947:504.

**bidens* (Olivier, 1795:13, pl. 2, fig. 18a, b) (*Macrocephalus*). Type locality: "Saint Domingue". Holotype not found. Hispaniola

fascicularis (Schoenherr, 1833:132) (*Anthribus*). Type locality: Cuba. Holotype male in NHRS. A second specimen, female, is *Toxonotus mendax* (Wolfrum). South Florida; Cuba; Bahamas: South Bimini, North Bimini, New Providence, Berry Is: Fraser's Hog Cay

**mendax* (Wolfrum, 1930:31) (*Neanthribus*). Type locality: Cuba. Holotype not found. Cuba; Bahamas: South Bimini, Cat, Abaco, Acklins, Crooked, Great Inagua

*n.sp. 1 in MCZC Cuba

*n.sp. 2 in BDVC, CMNH, USNM. Listed as *Toxonotus fascicularis* by Gowdey 1926:25. Jamaica; Cayman Is.

*n.sp. 3 in BDVC, USNM, NHMB Hispaniola; Mona

*n.sp. 4 in USNM, NHMB, BDVC, MAIC Hispaniola

*n.sp. 5 in BDVC, MAIC, USNM, HAHC Puerto Rico; US Virgin Is: St. Thomas, St. John, St. Croix; British Virgin Is: Tortola, Guana, Virgin Gorda, Jost van Dyke, Great St. James, Norman

Tribe Trigonorhinini

Trigonorhinus Wollaston, 1861:102. Type species: *Trigonorhinus pardalis* Wollaston, 1861:103, by monotypy. Palearctic, Nearctic, and Neotropical; 16 species.

=*Brachytarsus* of many authors, not Schoenherr, 1823:1135.

=*Anthribulus* Leconte, 1876:406. Type species: *Anthribulus rotundatus* Leconte, 1876:407, by monotypy.

=*Brachytarsoides* Pierce, 1930:29, 30. Type species: *Brachytarsus griseus* Leconte, 1876:405, by original designation.

rotundatus (Leconte, 1876:407) (*Anthribulus*). Type locality: Maine to Florida, west to Illinois, Kansas, and Texas; northern Mexico; ?Cuba
"Massachusetts to Louisiana". Cotypes in MCZC.

NOTE: This species is widespread and common in eastern United States, and especially so in southern Florida. A specimen, labeled Cuba, Pinar del Rio Prov., Sierra del Rosario, San Vicente, 17-vi-1959, collected by M. W. Sanderson, #C59-31, may represent a stray from the United States.

Tribe Zygaenodini

Eusphyrus Leconte, 1876:399. Type species: *Eusphyrus walshi* Leconte, 1876:400, by monotypy. Nearctic, Neotropical, introduced into Hawaii and France; at least 110 species.

=*Opisthotropis* Hoffmann and Tempère, 1954:66. Type species: *Tropideres* (subgenus *Opisthotropis*) *vasconicus* Hoffmann and Tempère, 1954:66, by original designation and monotypy.

schwarzi Pierce, 1930:28, pl. 4, fig. 63. Type locality: Florida, South Florida; Cuba
Key West. Holotype female in USNM.

Eugonops Jordan 1904: 285. Type species: *Eugonops germaini* Jordan 1904: 285, by original designation. Neotropical, at least 5 species.

*n.sp. 1 in MAIC Hispaniola

Ormiscus G. R. Waterhouse, 1845:37. Type species: *Ormiscus variegatus* G. R. Waterhouse, 1845:37, by monotypy. Nearctic, Neotropical, Galapagos, introduced in Hawaii; at least 250 species.

=*Hormiscus* Leconte, 1876:397 [sic].

=*Toxotropis* Leconte, 1876:397. Type species: *Toxotropis pusillus* Leconte, 1876:398, designated by Jordan, 1906:362.

=*Gonops* Leconte, 1876:398. Type species: *Gonops fissunguis* Leconte, 1876:398, by monotypy.

**angulatus* (Suffrian, 1870:187) (*Tropideres*). Type locality: Cuba; Hispaniola; Jamaica
Cuba. Holotype male in MLUS.

=*variolosus* (Suffrian, 1870:188) (*Tropideres*). Type locality: Cuba. Holotype not found.

**conis* Jordan, 1924a:240. Type locality: Guadeloupe. Guadeloupe; Dominica; Martinique.
Holotype female in BMNH.

floridanus (Leng, 1916:28) (*Toxotropis*). Type locality: Florida; Cuba
Florida, Volusia Co., Enterprise. Holotype in Brigham Young University, Provo, Utah.

**fuscipennis* (Suffrian, 1870:192) (*Tropideres*). Type locality: Cuba. Holotype not found. Cuba

**griseus* (Suffrian, 1870:195) (*Tropideres*). Type locality: Cuba. Holotype not found. Cuba

**lineicollis* (Chevrolat, 1880:198) (*Brachytarsus*). Type locality: Martinique. Cotypes in MNHN. Martinique; St. Lucia

**micula* Jordan, 1924a:239. Type locality: Grenada and St. Trinidad; Grenada; Grenadines: Canouan, Vincent, here restricted to Grenada. Holotype female in Maureau, Union; St. Vincent
BMNH.

<i>*parvulus</i> (Suffrian, 1870:193) (<i>Tropideres</i>). Type locality: Cuba. Holotype male in MLUS.	Cuba
*n.sp. 1 in USNM	Cuba
*n.sp. 2 in USNM	Cuba
*n.sp. 3 in USNM	Cuba
*n.sp. 4 in USNM	Cuba
*n.sp. 5 in USNM, BDVC	Cuba
*n.sp. 6 in USNM, BDVC	Cuba
*n.sp. 7 in BDVC	Cuba
*n.sp. 8 in BDVC	Cuba
*n.sp. 9 in BDVC, MAIC	Hispaniola
*n.sp. 10 in BDVC, MAIC	Hispaniola
*n.sp. 11 in BDVC, MAIC	Hispaniola
*n.sp. 12 in BDVC, MAIC	Hispaniola
*n.sp. 13 in BDVC, MAIC	Hispaniola
*n.sp. 14 in BDVC, MAIC	Hispaniola
*n.sp. 15 in BDVC, MAIC	Hispaniola
*n.sp. 16 in BDVC, MAIC	Hispaniola
*n.sp. 17 in BDVC, MAIC	Hispaniola
*n.sp. 18 in BDVC, MAIC	Hispaniola
*n.sp. 19 in BDVC, MAIC	Hispaniola
*n.sp. 20 in BDVC, MAIC	Hispaniola
*n.sp. 21 in BDVC, MAIC	Hispaniola
*n.sp. 22 in BDVC, MAIC	Hispaniola
*n.sp. 23 in MCZC	Hispaniola
*n.sp. 24 in BDVC, MAIC	Hispaniola
*n.sp. 25 in BDVC	Hispaniola
*n.sp. 26 in BDVC	Hispaniola
*n.sp. 27 in BDVC	Hispaniola
*n.sp. 28 in BDVC	Hispaniola
*n.sp. 29 in BDVC	Hispaniola
*n.sp. 30 in BDVC	Hispaniola

*n.sp. 31 in BDVC	Hispaniola
*n.sp. 32 in BDVC	Hispaniola
*n.sp. 33 in NHMB	Hispaniola
*n.sp. 34 in NHMB	Hispaniola
*n.sp. 35 in NHMB	Hispaniola
*n.sp. 36 in NHMB	Hispaniola
*n.sp. 37 in NHMB	Hispaniola
*n.sp. 38 in NHMB	Hispaniola
*n.sp. 39 in NHMB	Hispaniola
*n.sp. 40 in NHMB	Hispaniola
*n.sp. 41 in NHMB	Hispaniola
*n.sp. 42 in BDVC	Bahamas: Andros, New Providence
*n.sp. 43 = <i>Brachytarsus</i> sp. (#138-23) of Wolcott, (1924:122 and 1936:288).	Puerto Rico
NOTE: A specimen identified as ? <i>Brachytarsus</i> sp. from the Wolcott collection, #138-1923, is in USNM; it is labeled from San German, P.R., but Wolcott states "from pods of <i>Acacia farnesiana</i> at Boquerón" in USNM, BDVC.	
*n.sp. 44 includes Wolcott's #4463 and 4601 (1936:288) in USNM, BDVC	Puerto Rico
*n.sp. 45 includes Wolcott's #2574 and 4464 in USNM	Puerto Rico
*n.sp. 46 includes Wolcott's #5682 in USNM	Puerto Rico
*n.sp. 47 includes Wolcott's #3869 in USNM	Puerto Rico
*n.sp. 48 in USNM, BDVC	Puerto Rico
*n.sp. 49 in USNM, BDVC	Puerto Rico
*n.sp. 50 in MAIC, BDVC, AMNH	Puerto Rico; Desecheo; US Virgin Is: St. Thomas, Little St. James, St. John, St. Croix; British Virgin Is: Guana, Anegada, Virgin Gorda, Great Camanoe, Anguilla
*n.sp. 51 in MAIC, BDVC	Puerto Rico; Hispaniola; US Virgin Is: St. John, St. Thomas, Great St. James; British Virgin Is: Tortola, Little Thatch Is.
*n.sp. 52 in USNM, MAIC	Puerto Rico; US Virgin Is: St. John
*n.sp. 53 in USNM	St. Kitts
*n.sp. 54 in USNM, AMNH, BDVC	Antigua
*n.sp. 55 in CNCC, USNM	Jamaica
*n.sp. 56 in CNCC, BDVC	Jamaica

*n.sp. 57 in CNCC	Jamaica
*n.sp. 58 in CNCC	Jamaica
*n.sp. 59 in CNCC	Jamaica
*n.sp. 60 in CNCC	Jamaica
*n.sp. 61 in CNCC	Jamaica
*n.sp. 62 in CNCC	Jamaica
*n.sp. 63 in CNCC	Jamaica
*n.sp. 64 in CNCC	Jamaica
*n.sp. 65 in CNCC, BDVC	Jamaica
*n.sp. 66 in CNCC, BDVC	Jamaica
*n.sp. 67 in BDVC	Jamaica
*n.sp. 68 in BDVC	Jamaica
*n.sp. 69 in BDVC	Jamaica
*n.sp. 70 in MAIC	Montserrat
*n.sp. 71 in MAIC	Montserrat

Bibliography

- Alonso-Zarazaga, Miguel A. and Christopher H. C. Lyal.** 1999. A World Catalogue of Families and Genera of Curculionioidea (Insecta: Coleoptera) (Excepting Scolytidae and Platypodidae). Entomopraxis (Barcelona), 315 pp.
- Anderson, William H.** 1947. Larvae of some genera of Anthribidae (Coleoptera). Annals of the Entomological Society of America 40(3):489-517, pl. I-IV.
- Askew, R. R.** 1994. Insects of the Cayman Islands, pp. 333-356. In M.A. Brunt and J. E. Davis (eds.). The Cayman Islands: Natural History and Biogeography. Kluwer Academic Publishers. [No anthribids]
- Beatty, Harry A.** 1944. The insects of St. Croix, V. I. Journal of Agriculture of the University of Puerto Rico, 28(3-4):114-172.
- Blackwelder, Richard E.** 1947. Checklist of the coleopterous insects of Mexico, Central America, the West Indies, and South America. Part 5. Bulletin of the United States National Museum 185:iii-iv, 765-925.
- Blackwelder, Richard E.** 1957. Checklist of the coleopterous insects of Mexico, Central America, the West Indies, and South America. Part 6. United States National Museum Bulletin 185(6):i-viii, 927-1492.
- Boheman, Carl Heinrich.** 1833. [Descriptions] in Schönherr, Genera et Species Curculionidum, 1(1).
- Bovie, Albert.** 1906. Catalogue des Anthribides. Annals de la Société Entomologique de Belgique 49: 218-334.
- Brunner, Stephen Cole, L. C. Scaramuzza, and Y. A. R. Otero.** 1945. Catalogo de los insectos que atacan a las plantas economicas de Cuba. Estacion Experimental Agronomica [Santiago de las Vegas, Cuba] Boletin, 63: [i-iv], 1-246, pl. I-XII.
- Chevrolat, Louis Alexandre August.** 1871. Description de six Coléoptères exotiques. Annals de la Société Entomologique de Belgique 14: 5-8, pl. 1, fig 3.
- Chevrolat, Louis Alexandre Auguste.** 1880. Diagnoses de Curculionides de la Martinique. Le Naturaliste 1880: 197-198.

- Cobos-Sanchez, Antonio.** 1954. Dos especies nuevas de *Tropideres* Schönh. (Col. Anthribidae) de España. Archivos del Instituto de Aclimatacion 3: 41-44, fig. 1-2.
- Cockerell, Theodore Dru Allison.** 1893. Additions to the fauna and flora of Jamaica. Journal of the Institute of Jamaica, 1: 256-262.
- Cockerell, Theodore Dru Allison.** 1906. Preoccupied generic names of Coleoptera. Entomological News 17: 240-244.
- De Geer, Charles.** 1775. Memoires pour servir a l'histoire des insectes. Vol. 5 Stockholm, de imprimerie de Pierre Hesselberg, p. i-viii, 1-448, pl. 1-16.
- Dejean, [Pierre Francois Marie] August.** 1833-1836 [1834]. Catalogue des Coléoptères de la Collection de M. le Comte Dejean. Paris, chez Méquignon-Marvis Père et Fils, p. 1-443.
- Donckier de Donceel, Henri.** 1884. Liste des Anthribides décrits postérieurement au catalogue de MM. Gemminger & von Harold. Bulletin de la Société Entomologique de Belgique 1884, serie III, no. 51: cccxxiv-cccxxxiii. [*in* Annals Soc. Ent. Belg. 28].
- Fabricius, Johann Christian.** 1775. Systema Entomologiae, sistens Insectorum Classes, Ordines, Genera, Species, adiectis synonymis, locis, descriptionibus, observationibus. Flensburgi et Lipsiae [i-xxxii], 1-832.
- Fabricius, Johann Christian.** 1798. Supplementum Entomologiae Systematicae. Hafniae [1-4], 1-572.
- Fabricius, Johann Christian.** 1801. Systema Eleutheratorum secundum ordines, genera, species: adiectis synonymis, locis, observationibus, descriptionibus 2: 1-687.
- Fahraeus, Olaf Immanuel von.** 1839. [Descriptions] *in* Schönherr, Genera et Species Curculionidum. 5(1).
- Fleutiaux, Edmond and August Sallé.** 1889 [1890]. Liste des Coléoptères de la Guadeloupe et descriptions espèces nouvelles. Annales de la Société Entomologique de France [6]9: 351-484, pl. 7, 8, 1 map.
- Frieser, Robert.** 1959. Einige neue Anthribiden (Col.). Annalen Naturhistorischen Museums in Wien 63: 416-421.
- Frieser, Robert.** 1983. Ein weiterer Beitrag zur Kenntuis der tropiochen anthribiden (Coleoptera:Anthribidae). Mitteilungen der Münchener Entomologischen Gesellschaft, 73: 45-59.
- Gemminger, Max and Edgar von Harold.** 1872. Catalogus Coleopterorum . . . vol. 9: 2669-2988. Monachii.
- Germar, Ernst Friedrich.** 1824. Insectorum Species novae aut minus cognitae, descriptionibus illustratae. Coleoptera 1:i-xxiv, 1-624, pl. 1, 2.
- Gowdey, Carlton Craig.** 1926. Catalogus Insectorum Jamaicensis. Department of Agriculture of Jamaica Entomological Bulletin No. 4: 1-114, i-xiv.
- Gundlach, Juan.** 1891 [?1894]. Parte Quinta. Coleopteros. *In* Contribucion á la entomologia Cubana 3(5):5-404. Imp. de A. Alvarez y comp, Riclanum. 40, Habana.
- Gundlach, Juan.** 1894. Apuntes para la Fauna Puerto-Riqueña. Anales de la Sociedad Española de Historia Natural. Vol. XXII [Serie II, vol. II], p. 259-344. Madrid. Not seen.
- Gyllenhal, Leonard.** 1833. [Descriptions] *in* Schönherr, Genera et Species Curculionidum, 1(1).
- Herbst, Johann Friedrich Wilhelm.** 1797. Sechs und sechzigste Gattung der Käferartigen Insecten. Anthribus. Natursystem alles becannten in- und ausländischen Insecten, als eine Fortsetzung der von Büffonschen Naturgeschichte, 7:xi+346; col. pl. XCVI-CXVI, Q-U.
- Hoffmann, Adolphe and Gaston Tempère.** 1954. Une espèce française nouvelle du genre *Tropideres* Schönh, type un sous-genre nouveau (Col. Anthribidae). Bulletin de la Société entomologique de France 5: 66-69.
- Holland, William Jacob and Eugene Amandus Schwarz.** 1917. List of the Coleoptera collected on the Isle of Pines by Gustav A. Link, Sr., 1912-1913. Annals of the Carnegie Museum, 11: 333-345.
- Jacquelin du Val, Pierre Nicolas Camille.** 1856-1857. Insectos. Coleopteros. *In* Sagra, Ramon de la, Histoire fisica politica y natural de la Isla de Cuba. 7: 1-136, pl. 6-11.
- Jekel, Henri.** 1855. Insecta Saundersiana: or Characters of Undescribed Insects in the Collection of William Wilson Saunders, Esq., F.R.S., F.L.S., etc. Coleoptera. Curculionides. -Part I. John Van Voorst, London, [ii] + 154, pl. 1, 2.
- Jekel, Henri.** 1860. Insecta Saundersiana: or Characters of Undescribed Insects in the Collection of William Wilson Saunders, Esq., F.R.S., F.L.S., etc. Coleoptera. Curculionides. -Part II. John Van Voorst, London, [iv] 155-250, pl. 3, 1 fold out sheet.
- Jordan, Karl.** 1904. American Anthribidae. Novitates Zoologicae 11: 242-309.

- Jordan, Karl.** 1906-1907. Anthribidae. *Biologia Centrali-Americana (Zoology)* 4(6):299-383, pl. 10-14. (p. 299-378, 1906, p. 379-383, 1907).
- Jordan, Karl.** 1924. New Anthribidae allied to *Choragus*. *Annals and Magazine of Natural History*, series 9, 13: 606-620.
- Jordan, Karl.** 1924. New Anthribidae. *Novitates Zoologicae* 31: 231-255.
- Krauss, Noel L. H.** 1953. Notes on insects associated with lantana in Cuba. *Proceedings of the Hawaiian Entomological Society*, 15: 123-125.
- Labram, Jonas David and Ludwig Imhoff.** 1838-1842. *Singulorum Generum Curculionidum unam altera urve Speciem additis Iconibus.* (also, *Die Gattungen der Rüsselkäfer erläutert durch bildliche Darstellung einzelner Arten.*) Pars (Theil) 1, fascic. (heft) 1-10. Basel. [84 pages, 80 colored plates, all unnumbered].
- Lacordaire, Jean Théodore.** 1866. *Histoire Naturelle des Insectes. Genera des Coléoptères ou exposé méthodique et critique de tous les genres proposés jusqu'ici dans cet ordre insectes.* 7: 1-620, pl. 61-80.
- Leconte, John Lawrence.** 1878. Additional descriptions of new species, [*in* Schwarz, Eugene A., *The Coleoptera of Florida*]. *Proceedings of the American Philosophical Society* 17(101): 373-434.
- Leconte, John Lawrence.** 1884. Short studies of North America Coleoptera, (No. 2). *Transactions of the American Entomological Society* 12: 1-32.
- Leconte, John Lawrence and George H. Horn.** 1876. The Rhynchophora of America north of Mexico. *Proceedings of the American Philosophical Society* 15(96): i-xvi, 1-455.
- Leng, Charles W.** 1916. [Descriptions] in Blatchley, Willis Stanley and Charles W. Leng. *Rhynchophora or Weevils of North Eastern America.* The Nature Publishing Company, Indianapolis, 1-682, fig. 1-155.
- Leng, Charles William and Andrew Johnson Mutchler.** 1914. A preliminary list of the Coleoptera of the West Indies as recorded to Jan. 1, 1914. *Bulletin of the American Museum of Natural History* 33(30): 391-493.
- Leng, Charles William and Andrew Johnson Mutchler.** 1917. Supplement to preliminary list of the Coleoptera of the West Indies. *Bulletin of the American Museum of Natural History* 37: 191-220.
- Miskimen, George W. and Richard M. Bond.** 1970. The insect fauna of St. Croix, United States Virgin Islands. *New York Academy of Sciences Scientific Survey of Porto Rico and the Virgin Islands* 13: 1-114.
- Motschoulsky, Victor I. de.** 1873. *Enumération des Nouvelle Espèces de Coléoptères rapportés de ses Voyages.* 13. Bruchides. *Bulletin de la Société des Naturalistes de Moscou*, 46: 203-252.
- Ogilvie, Lawrence.** 1928. The insects of Bermuda. A preliminary check list. *Department of Agriculture Bermuda*, p. 1-50.
- Olivier, Antoine Guillaume.** 1795. *Entomologie, ou Histoire Naturelle des Insectes, avec leur caractères génériques et spécifiques, leur description, leur synonymie, et leur figure enluminée.* *Coléoptères* 4(No. 80): 1-16, pl. I-II.
- Olliff, A. Sidney.** 1890. Additions to the insect-fauna of Lord Howe Island, and descriptions of two new Australian Coleoptera. *Records Australian Museum* 1: 72-76, pl. 10.
- Olliff, A. Sidney.** 1890 (1891). *Doticus pestilens*: a correction in nomenclature. *Agricultural Gazette of New South Wales* 1: 288-289.
- Pascoe, Francis P.** Notes on Coleoptera, with descriptions of new Genera and Species. Part IV. *Annals and Magazine of Natural History.* [5]9(49): 25-37.
- Pierce, W. Dwight.** 1930. Studies of the North American Weevils belonging to the Superfamily Platystomoidea. *Proceedings of the United States National Museum* 77(2840): 1-34, pl. 1-5.
- Quammen, David.** 1996. *The Song of the Dodo. Island Biogeography in an Age of Extinction.* Touchstone, Simon & Schuster, New York, N.Y. [i-x] 11-702, unnumbered maps.
- Ramos, J. A.** 1946. The insects of Mona Island (West Indies). *Journal of Agriculture of the University of Puerto Rico* 30: 1-74, pl. 1, 2.
- Schönherr, Carl Johann.** 1823. *Curculionides.* *Isis von Oken* 1823 (10): 1132-1146.
- Schönherr, Carl Johann.** 1826. *Curculionidum Dispositio Methodica cum generum characteribus, descriptionibus atque observationibus variis seu Prodromus ad Synonymiae Insectorum Partem IV.* Lipsiae, i-x, 1-338, [1-4].
- Schönherr, Carl Johann.** 1833. *Genera et Species Curculionidum, cum synonymia hujus familiae.* 1(1): i-xv, 1-381.
- Schönherr, Carl Johann.** 1839. *Genera et Species Curculionidum . . .* 5(1): i-viii, 1-456.
- Schönherr, Carl Johann.** 1845. *Genera et Species Curculionidum . . .* 8(2): [i-viii], 1-504, fold-out tables 1-27.
- Stephens, James Francis.** 1831. *Illustrations of British Entomology; or, a Synopsis of Indigenious*

- insects . . . etc. Mandibulata. Vol. 4, p. 1-413, col. pl. xx-xxiii.
- Suffrian, C. G. L. Eduard.** 1870. Verzeichniss der von Dr. Gundlach auf der Insel Cuba gesammelten Rüsselkäfer. Archiv für Naturgeschichte 36: 150-234.
- Thomson, James.** 1858. Voyage au Gabon. Histoire Naturelle des Insectes et des Arachnides recueillis pendant un voyage fait au Gabon in 1856 et en 1857 par M. Henry C. Deyrolle sous les auspices de MM. le Comte de Mniszech et James Thomson précédée de histoire du Voyage. Insectes. I. Ordre Coléoptères. Archives Entomologiques 2: 29-239, pl. i-viii.
- Valentine, Barry Dean.** 1955. The Anthribidae of the Bahama Islands, British West Indies (Coleoptera). American Museum Novitates (1741): 1-11, fig. 1a, b, c.
- Valentine, Barry Dean.** 1955. The identity of *Macrocephalus bidens* Olivier, 1795, with a review of the genus *Toxonotus* Lacordaire (Coleoptera: Anthribidae). Psyche 62: 98-103.
- Valentine, Barry Dean.** 1960. The genera of the weevil family Anthribidae north of Mexico (Coleoptera). Transactions of the American Entomological Society 86: 41-85.
- Valentine, Barry Dean.** 1979. A new genus of jumping anthribid weevil from Jamaica (Coleoptera: Anthribidae: Choragini). Coleopterists Bulletin, 33: 21-25, fig. 1-3.
- Valentine, Barry Dean.** 1982. A new endemic genus of anthribid weevil from Jamaica (Anthribidae: Araecerini). Coleopterists Bulletin, 36: 197-199, fig. 1.
- Valentine, Barry Dean.** 1989. The anthribidae of the Seychelles and Mascarene Islands: taxonomy, keys, and a bibliographic catalogue (Coleoptera). Insecta Mundi 3: 233-246.
- Valentine, Barry Dean.** 1991. Four new species of *Phaenotheriopsis* from Hispaniola and Puerto Rico (Coleoptera: Anthribidae). Coleopterists Bulletin, 45: 331-340, fig. 1-4.
- Valentine, Barry Dean.** 1999. A review of Nearctic and some related Anthribidae (Coleoptera). Insecta Mundi 12: 251-296, fig. 1-23, tab. 1.
- Waterhouse, George R.** 1845. Descriptions of coleopterous insects collected by Charles Darwin, Esq., in the Galapagos Islands. Annals and Magazine of Natural History 16(102): 19-41.
- Wolcott, George Norton.** 1923 (1924). "Insectae Portoricensis." A preliminary annotated checklist of the insects of Porto Rico, with descriptions of some new species. Journal of the Department of Agriculture of Porto Rico 7: 5-313, pl. 1, 2.
- Wolcott, George Norton.** 1924. First supplement to Insectae Portoricensis. Journal of the Department of Agriculture of Porto Rico 7: 38-43.
- Wolcott, George Norton.** 1936. "Insectae Borinquenses" a revision of "Insectae Portoricensis" . . . and "First supplement to Insectae Portoricensis" . . . etc. Journal of Agriculture of the University of Porto Rico 20: 1-600, many text-figs.
- Wolcott, George Norton.** 1941. A supplement to "Insectae Borinquenses". Journal of Agriculture of the University of Puerto Rico 25: 33-158.
- Wolcott, George Norton.** 1948 [Feb. 5, 1951]. The Insects of Puerto Rico. Coleoptera. Journal of Agriculture of the University of Puerto Rico 32: 225-416, many text-figs.
- Wolfrum, Paul.** 1929. Anthribidae. Coleopterorum Catalogus. Pars 102: 1-145.
- Wolfrum, Paul.** 1930. Ueber Anthribiden von Cuba und den Grossen Antillen (Col.). Deutsche Entomologische Zeitschrift 1930: 25-32.
- Wolfrum, Paul.** 1931. Neue Anthribiden. 4. Beitrag zur Kenntnis der Anthribiden. Entomologische Blätter 27: 70-76.
- Wolfrum, Paul.** 1953. Anthribidae. Coleopterorum Catalogus Supplementa. Pars 102: 1-63.
- Wollaston, T. Vernon.** 1861. On certain Coleoptera from The Island of St. Vincent. Annals and Magazine of Natural History (series 3) 7(38): 90-103.
- Wollaston, T. Vernon.** 1861. On certain Coleoptera from St. Helena. Journal of Entomology, 1: 207-216, pl. xiv.
- Woodruff, Robert E., Brenda M. Beck, Paul E. Skelley, C. Y. L. Schotman, and Michael C. Thomas.** 1998. Checklist and Bibliography of the Insects of Grenada and the Grenadines. Center for Systematic Entomology, Gainesville, Florida, Memoir 2: 1-286, 1 map.
- de Zayas Muñoz, Fernando.** 1988. Familia Anthribidae. In: Entomofauna Cubana. Order Coleoptera. Separata Descripción de Nuevas Especies. Ministerio de Cultura, Editorial Científica-Técnica, La Habana, Cuba, p. 150-152, fig. 134-135. [212 pp.].