

GREAT BASIN NATURALIST MEMOIRS

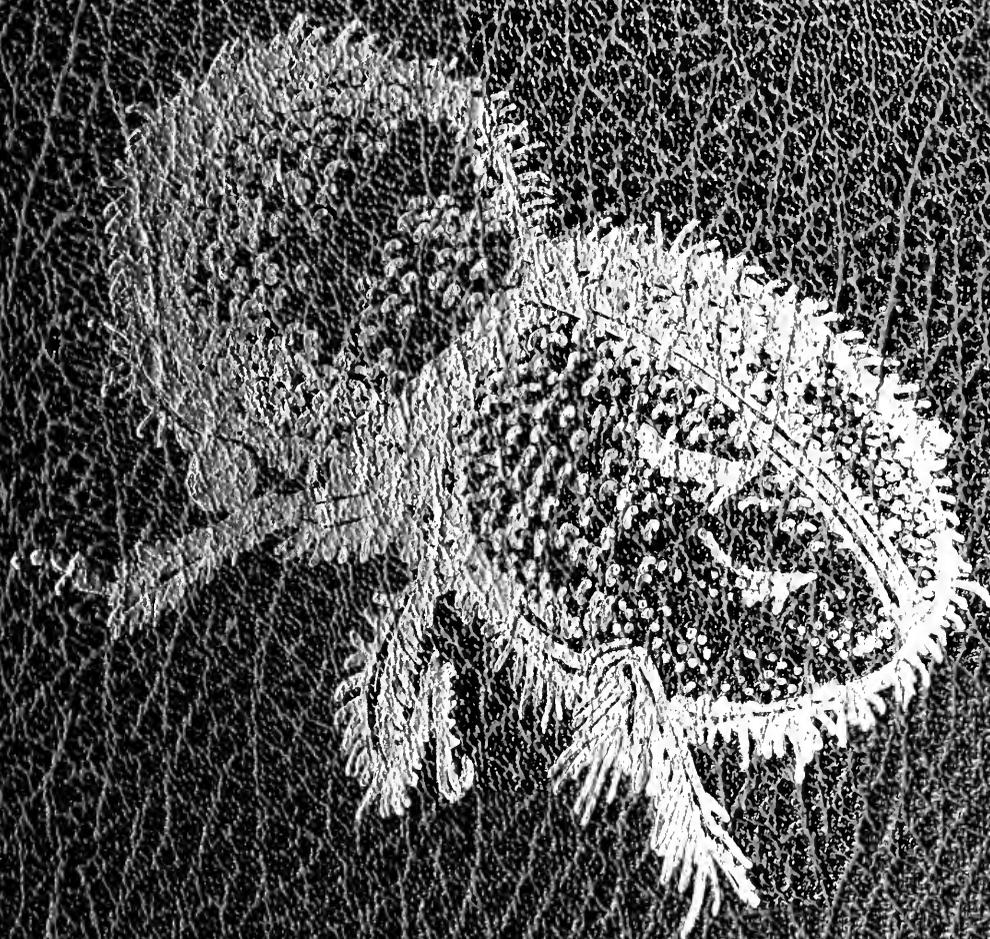
Number 13

Idaho State University

1982



A Catalog of Scolytidae and Platypodidae (Coleoptera), Part 2: Taxonomic Index Volume B



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GREAT BASIN NATURALIST MEMOIRS

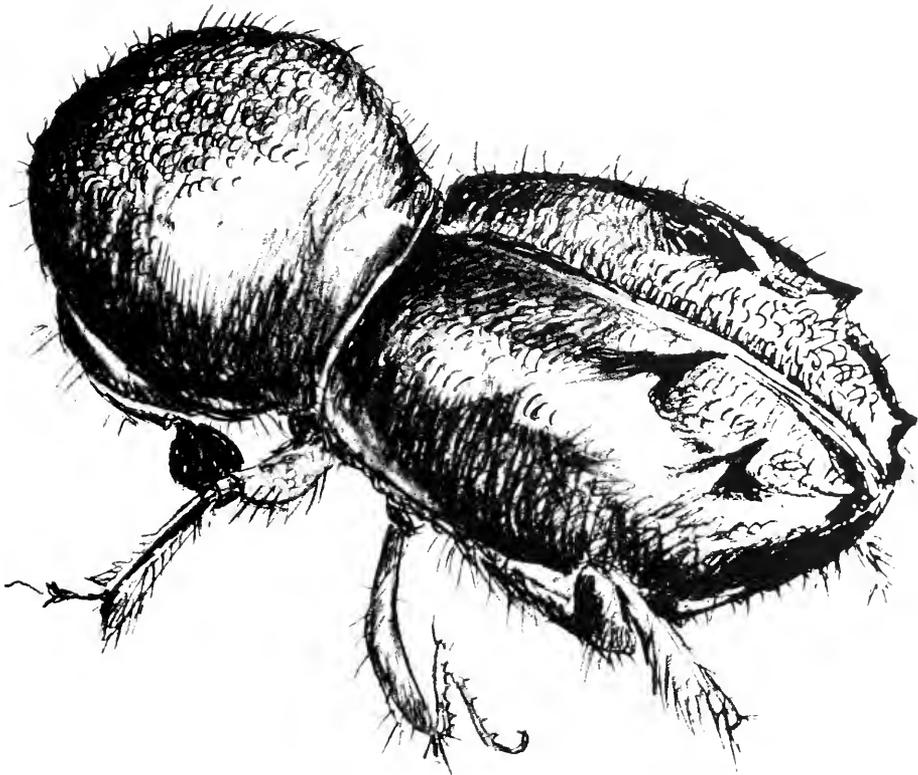
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A Catalog of Scolytidae and Platypodidae (Coleoptera), Part 2: Taxonomic Index Volume B



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Tribe Xyloctonini Eichhoff

Xyloctonidae

References: Eichhoff 1878b: 171.

Xyloctoninae

References: Hopkins 1915c: 224.

Xyloctonini

References: Wood, S. L. 1975a: 114, 1982b: 63, 1986a: 84–85.

Genus *Cryphalomimus* Eggers

CRYPHALOMIMUS EGGER 1927a: 174. Type-species:

Cryphalomimus striatus Eggers, monobasic.

References: (ay) Nohuchi 1969a: 55. (hb) Wood, S. L. 1986a: 85. (ds) Wood, S. L. 1986a: 85. (tx) Eggers 1927a: 174, 1932c: 23; Schedl 1939i: 379, 1961k: 441; Wood, S. L. 1986a: 85.

ater Numberg 1952: 23. Holotype, sex?, Repub. of the Congo: Garamba Nat. Park; Inst. Parc National du Congo Collection.

Distribution: Africa (Zaire).

References: (ds) Numberg 1952: 23. (tx) Numberg 1952: 23, 1965b: pl. 1.

grandis Schedl 1971e: 10. Holotype, sex?, Ehemaliger Kongo Belge, Yangambi; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaire).

References: (tx) Schedl 1971e: 10, 1979c: 108.

striatus Eggers 1927a: 174. Holotype, sex?, Ost-Africa (Mhuansa); Metlmer Collection.

Distribution: Africa (Tanzania/Zaire).

References: (ds) Schedl 1961k: 442. (tx) Eggers 1927a: 174; Schedl 1939i: 379, 1961k: 442.

Genus *Glostatus* Schedl

GLOSTATUS SCHEDL 1939i: 386. Type-species: *Glostatus declividepressus* Schedl, monobasic.

Ctonocryphus Schedl 1941d: 398. Type-species:

Ctonocryphus xyloctonus Schedl, monobasic.

Synonymy: Wood 1986: 85.

References: (tx) Schedl 1941d: 398, 1957e: 865–883, 1961k: 638.

Apoglostatus Schedl 1957b: 155. Type-species: *Apoglostatus acaciae* Schedl, monobasic. Synonymy: Schedl 1964m: 305.

References: (tx) Schedl 1957b: 155, 1961k: 642, 1964m: 305.

Paraglostatus Schedl 1964m: 304. Type-species: *Ctonocryphus uigricestis* Schedl, original designation. Synonymy: Wood 1984b: 225.

References: (tx) Schedl 1964m: 304; Wood, S. L. 1984b: 225.

Rhopalocryphus Numberg 1967: 320. Type-species: *Rhopalocryphus seydlei* Numberg, monobasic. Synonymy: Schedl 1980d: 117.

References: (tx) Numberg 1967: 320; Schedl 1980d: 117.

References: (hb) Wood, S. L. 1986a: 85. (ds) Wood, S. L. 1986a: 85. (tx) Schedl 1939i: 386,

1957b: 155, 1958a: 557–560, 1961k: 635–639, 1964m: 305; Wood, S. L. 1986a: 85.

acaciae (Schedl) 1957b: 155 (*Apoglostatus*). Holotype, sex?, Muguga, Kenya, and Londiani, Kenya; BMNH, London.

Distribution: Africa (Kenya/Tanzania).

Hosts: *Acacia decurrens*, A. sp., *Ficus* sp., *Juniperus procera*, *Maba* sp., *Rhus* sp.

Notes: (1) Schedl 1964m: 305 (to *Glostatus*).

References: (ds) Gardner 1957: 30; Schedl 1961k: 642, (tx) Schedl 1957b: 150, 155, 1961k: 642–643, 1964m: 305, 1979c: 9.

assimilis Schedl 1957e: 571. Holotype, sex?, Kenya, Jilore; BMNH, London.

Distribution: Africa (Kenya).

References: (ds) Browne 1973a: 279; Schedl 1961k: 640, (tx) Powell, W. 1980: 29; Schedl 1957e: 571, 1958a: 558, 1959q: 705, 1961k: 640, 1979c: 29.

bispinosus Beaver 1985: 77. Holotype ♂: Zambia; Kitwe, Chati; BMNH, London.

Distribution: Africa (Zambia).

References: (hb) Loytyniemi, Beaver, & Loytyniemi 1984. (tx) Beaver 1985: 77.

carinifer Schedl 1957e: 571. Holotype, sex?, Tanganyika, Lushoto; BMNH, London.

Distribution: Africa (Tanzania).

Hosts: *Gologolo* sp., *Syzgium* sp.

References: (ds) Schedl 1961k: 640. (tx) Schedl 1957e: 571, 1961k: 640.

declividepressus Schedl 1939i: 386. Holotype, sex?, Usambara, Ost-Afrika; Schedl Collection in NHMW, Wien.

Distribution: Africa (Kenya/Tanzania).

References: (tx) Schedl 1939i: 386, 1957b: 154, 1961k: 641, 1979c: 76.

delicatus (Schedl) 1962k: 1072 (*Paraglostatus*). Holotype, sex?, Zuhuland; Eshowe; Schedl Collection in NHMW, Wien.

Distribution: Africa (South Africa).

References: (ds) Schedl 1962k: 1072, 1965h: 111, 1975k: 277.

gracilior (Schedl) 1957e: 572 (*Apoglostatus*). Holotype, sex?, Shagai, Tanganyika; BMNH, London.

Distribution: Africa (Tanzania).

Notes: (1) Schedl 1964m: 305 (to *Glostatus*).

References: (tx) Schedl 1957e: 572, 1961k: 644, 1964m: 305, 1979c: 107.

hirsutus Schedl 1962k: 1070. Holotype, sex?, D.O.A.; Usambara; Schedl Collection in NHMW, Wien.

Distribution: Africa (Kenya).

References: (tx) Schedl 1962k: 1070, 1979c: 117.

kenyae Schedl 1957b: 154. Lectotype, sex?, Kenya, Forest de Nairobi, 1700 m; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 132.

Distribution: Africa (Kenya).

References: (tx) Schedl 1957b: 150, 154, 1957e: 571, 1961k: 641, 1979c: 131–132.

leprosus **Browne** 1973a: 290. Holotype ♀; Nigeria: Adamawa, Gangoro Forest Reserve at 4000 feet; MRCB, Tervuren.

Distribution: Africa (Nigeria/Zaire).

References: (tx) Browne 1973a: 290.

multispinosus (**Schedl**) 1957e: 573 (*Ctonocryphus*). Holotype, sex?; Kenya, Kilifi; BMNH, London.

Distribution: Africa (Kenya/Zambia).

Hosts: *Julberuardia paniculata*.

Notes: (1) Schedl 1964m: 305 (to *Glostatus*).

References: (hb) Loyttyniemi, Beaver, & Loyttyniemi 1954. (ds) Beaver & Loyttyniemi 1955a: 78.

(tx) Schedl 1957e: 573, 1961k: 638, 1964m: 305,

1979c: 161.

nigrivestis (**Schedl**) 1957e: 573 (*Ctonocryphus*). Holotype, sex?; Tanganyika, Ngorogoro; BMNH, London.

Distribution: Africa (Tanzania).

Notes: (1) Schedl 1964m: 305 (to *Paraglostatus*, = *Glostatus*).

References: (tx) Schedl 1957e: 573, 1961k: 638,

1964m: 305, 1979c: 167–168.

perplexus **Schedl** 1952: 251. Holotype, sex?; Cape Province, South Africa; Schedl Collection in NHMW, Wien.

Distribution: Africa (South Africa).

References: (tx) Schedl 1952: 251.

poudoanus **Schedl** 1955a: 558. Holotype, sex?; South Africa: Pondoland, Port St. John; BMNH, London.

Distribution: Africa (South Africa).

References: (tx) Schedl 1955a: 558, 1961k: 642, 1979c: 197.

seydeli (**Numberg**) 1967b: 321 (*Rhopalocryphus*). Holotype, sex?; Elisabethville, Congo; MRCB, Tervuren.

Distribution: Africa (Zaire/Zambia).

Hosts: *Brachystegia utilis*.

Notes: (1) Wood 1986a: 85 (to *Glostatus*).

References: (hb) Loyttyniemi, Beaver, & Loyttyniemi 1954. (ds) Beaver & Loyttyniemi 1955a: 76.

(tx) Numberg 1967a: 336–337, 1967b: 321; Wood,

S. L. 1986a: 85.

spinarinatus **Beaver in** Beaver & Loyttyniemi 1955a: 78. Holotype ♂; Zambia: Chati, Kitwe; BMNH, London.

Distribution: Africa (Zaire).

References: (hb) Loyttyniemi, Beaver, & Loyttyniemi 1954. (tx) Beaver & Loyttyniemi 1955a: 78.

squamosus **Schedl** 1962k: 1071. Holotype, sex?; Natal; Schedl Collection in NHMW, Wien.

Distribution: Africa (South Africa).

References: (ds) Schedl 1965h: 111, 1969d: 5.

(tx) Schedl 1962k: 1071, 1979c: 236.

vrydaghi (**Numberg**) 1973: 10 (*Apoglostatus*). Holotype, sex?; north Ruwenzora, Kalonge, Zaire; MRCB, Tervuren.

Distribution: Africa (Zaire).

References: (tx) Numberg 1973: 10.

xyloctonus (**Schedl**) 1941d: 398 (*Ctonocryphus*). Holotype, sex?; Kamerun; Schedl Collection in NHMW, Wien.

Distribution: Africa (Cameroon).

References: (tx) Schedl 1941d: 398, 1961k: 639,

1979c: 270.

Genus *Ctonoxylon* Hagedorn

Ctonoxylon **HAGEDORN** 1910b: 4. Type-species: *Ctonoxylon auratum* Hagedorn, subsequent designation by Hopkins 1914: 119.

References: (ay) Nobuchi 1969a: 55. (hb) Schedl

1958d: 184, 1961k: 426, 1977b: 35; Wood, S. L.

1986a: 85. (ds) Hagedorn 1910d: 81; Schedl

1961k: 426, 1977b: 35; Wood, S. L. 1986a: 85. (tx)

Eggers 1923a: 130, 1935a: 76; Hagedorn 1910a:

136–137, 1910b: 4–5; Hopkins 1914: 119, 132,

1915c: 226; Schedl 1939f: 380, 1941d: 398,

1952g: 50, 1957d: 1–162, 1961k: 426, 1977b: 35;

Wood, S. L. 1986a: 85.

acuminatum **Schedl** 1957d: 45. Holotype, sex?; Congo Belge; Yangambi; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: *Clitandra* cf. *standtii*.

References: (ec) Schedl 1961k: 426. (hb) Schedl

1961k: 426. (ds) Schedl 1961k: 426, 1952: 250.

(tx) Schedl 1957d: 45, 1961k: 426, 1979c: 11.

alutaceus (**Schaufuss**) 1897b: 102 (*Stephanoderes*). Holotype, sex?; Tanga in Ostafrika; Hamburg Museum, lost.

Distribution: Africa (Tanzania).

Notes: (1) Eggers 1922b: 173 (to *Ctonoxylon*).

References: (ds) Hagedorn 1910d: 40; Kleine

1913b: 121, 1914b: 322. (tx) Eggers 1922b: 173;

Hagedorn 1910a: 85; Hopkins 1915b: 24;

Schaufuss 1897b: 102; Schedl 1961k: 547.

amanicum **Hagedorn** 1912b: 42. Holotype, sex?; Amani; Hamburg Museum, lost.

Distribution: Africa (Tanzania).

References: (bv) Aulmann 1911: 441–442;

Aulmann & La Baume 1912: 65. (cn) Hagedorn

1913a: 14; Kleine 1932a: 303; Morstatt 1937: 26.

(hb) Aulmann 1911: 441–442; Hagedorn 1913a:

14; Kleine 1932a: 303; Kolbe 1911: 508; Schedl

1961k: 428. (ds) Hagedorn 1913c; Kleine 1913b:

149, 1914b: 322, 1932a: 303, 1934a: 168, 630;

Roba 1935: 338. (tx) Aulmann 1911; Eggers 1920:

39, 42–43; Hagedorn 1912b: 42; Schedl 1961k:

428.

atrum **Browne** 1965a: 190. Holotype, sex?; Nigeria: Idanre; BMNH, London.

Distribution: Africa (Nigeria).

Hosts: *Canthium* sp.

References: (tx) Browne 1965a: 190; Roberts

1969: 123.

- auratum Hagedorn** 1910b: 4. Holotype, sex?; Kamerun: MNB, Berlin.
Distribution: Africa (Cameroon/Zaire).
References: (ds) Hagedorn 1910d: 81; Kleine 1913b: 149, 1914b: 312. (tx) Eggers 1927a: 198; Hagedorn 1910a: 137, 1910b: 4, 1912b: 42; Hopkins 1914: 119; Schedl 1961k: 428.
- bosqueiae Schedl** 1962h: 66. Holotype, sex?; Africa: Ghana, Bobiri, Kumasi: BMNH, London.
Distribution: Africa (Ghana/South Africa).
Hosts: *Bosquicia angolense*.
References: (hb) Browne 1963a: 235. (ds) Browne 1963a: 235; Roberts 1969: 123; Schedl 1971g: 190, 1982: 279. (tx) Schedl 1962h: 66, 1962k: 1067, 1979c: 44.
- camerunum Hagedorn** 1910b: 4. Holotype, sex?; Kamerun: MNB, Berlin.
Distribution: Africa (Cameroon/ Equatorial Guinea/ Gabon/ Ivory Coast/ Nigeria/Zaire).
Hosts: Liana.
References: (cn) Mayne & Donis 1951: 331. (ec) Mayne & Donis 1951: 331. (hb) Roberts 1969: 123. (ds) Hagedorn 1910d: 81; Kleine 1913b: 149, 1914b: 312; Schedl 1961k: 429. (tx) Eggers 1920: 37–38, 1927a: 198, 1943d: 246; Hagedorn 1910a: 137, 1910b: 4; Schedl 1939g: 171, 1950d: 6, 1961k: 429.
- fuscum Hagedorn** 1910b: 5. Holotype, sex?; Kamerun: MNB, Berlin.
Notes: (1) Eggers 1920: 37 (a variety of *camerunum*).
References: (ds) Hagedorn 1910d: 81; Schedl 1962k: 1067, 1964f: 618. (tx) Eggers 1920: 37–38; Hagedorn 1910a: 137, 1910b: 5; Schedl 1961k: 429, 1962k: 1067.
- capensis Schedl** 1971e: 8. Holotype, sex?; Umgeb. Cape Town; Schedl Collection in NHMW, Wien.
Distribution: Africa (South Africa).
References: (tx) Schedl 1971e: 8, 1979c: 51.
- caudatum Schedl** 1971e: 8. Holotype, sex?; Congo Belge, Stanleyville; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
References: (tx) Schedl 1971e: 8–9, 1979c: 54.
- conradti Schedl** 1939g: 171. Holotype, sex?; Ukerewi Island; Schedl Collection in NHMW, Wien.
Distribution: Africa (Angola/Tanzania).
References: (ds) Ferreira 1965: 1112; Schedl 1959p: 16, 1961k: 430. (tx) Schedl 1939g: 171, 1961k: 430, 1979c: 63.
- cornutum Eggers** 1943d: 246. Holotype ♂; Kamerun: Strohmeier Collection.
Distribution: Africa (Cameroon).
References: (tx) Eggers 1943d: 246; Schedl 1961k: 430.
- crenatum Hagedorn** 1910b: 5. Holotype, sex?; Kamerun: MNB, Berlin.
Distribution: Africa (Cameroon).
References: (hb) Roberts 1969: 123. (ds) Hagedorn 1910d: 81; Kleine 1913b: 149, 1914b: 312; Schedl 1966c: 224. (tx) Eggers 1920: 39; Hagedorn 1910a: 137, 1910b: 5; Schedl 1961k: 430.
- dentigerum Schedl** 1941d: 388. Holotype, sex?; Spanish Guinea; Schedl Collection in NHMW, Wien.
Distribution: Africa (Equatorial Guinea).
References: (tx) Schedl 1941d: 388, 1961k: 430, 1979c: 78.
- festivum Schedl** 1941d: 389. Holotype, sex?; Kamerun, Soppo, 800 m; Schedl Collection in NHMW, Wien.
Distribution: Africa (Cameroon).
References: (tx) Schedl 1941d: 389, 1961k: 431, 1979c: 96.
- flavescens Hagedorn** 1910b: 4. Syntypes, sex?; Kamerun: MNB, Berlin.
Distribution: Africa (Cameroon/ Gabon/ Ghana/ Guinea/ Tanzania/ Zaire), Madagascar.
Hosts: *Allanblackia stuhlmannii*, *Carpodinus subrepanda*, *Landolphia robusta*, *Tripochiton scleroxylon*.
Notes: (1) Eggers 1920: 35 (elevated to species rank from a variety of *camerunum*).
References: (bv) Aulmann 1911: 411. (hb) Aulmann 1911: 411; Roberts 1969: 124. (ds) Hagedorn 1910d: 81; Kleine 1913b: 149, 1914b: 312; Numberg 1952: 17, 1965b: 17; Schedl 1961k: 431, 1964j: 40, 1965c: 351, 1965f: 4, 1965g: 19, 1966a: 275. (tx) Aulmann 1911: 411; Eggers 1920: 38, 1922b: 170; Hagedorn 1910a: 137, 1910b: 4; Numberg 1952: 17; Schedl 1954e: 49, 1955d: 268, 1961k: 431, 1965f: 4.
- camerunum hirsutum Hagedorn** 1910b: 4. Syntypes, sex?; Kamerun: MNB, Berlin. 1 in Eggers Collection, in NHMW, Wien.
Notes: (3) Schedl 1961k: 431 (treated as a variety of *flavescens*).
References: (ds) Hagedorn 1910d: 81; Kleine 1913b: 149; Roberts 1969: 124; Schedl 1964f: 618, 1972e: 280; Thompson 1963: 37. (tx) Eggers 1920: 38; Hagedorn 1910a: 137, 1910b: 4; Schedl 1954e: 49, 70, 1961k: 431, 1979c: 50.
- flavescens usambaricum Eggers** 1920: 38. Syntypes, sex?; Mkulmmsiberg (1000 m), bei Sigi in Ostafrika; 1 in Eggers Collection, in NHMW, Wien.
References: (ce) Schedl 1961k: 433. (hb) Schedl 1961k: 433, 1977b: 35. (ds) Schedl 1961k: 433, 1977b: 35. (tx) Eggers 1920: 38; Schedl 1961k: 433, 1977b: 35, 1979c: 97.
- griseum Schedl** 1941d: 389. Holotype, sex?; Brit. Ost-Afrika, Kikuyu; Schedl Collection in NHMW, Wien.
Distribution: Africa (Kenya/ South Africa).
Hosts: *Olea capensis*, *O. hochstetteri*.
References: (cn) Anonymous 1970c: 13. (ds) Anon-

- ymous* 1970c: 13; Gardner 1957a: 30; Schedl 1961k: 435, 1965f: 4. (tx) Browne 1965: 190; Eggers 1920: 35; Schedl 1941d: 389, 1955i: 211, 1961k: 435, 1965f: 4, 1979c: 113.
- hamatum** Schedl 1941d: 390. Holotype, sex?; Nairobi; Schedl Collection in NHMW, Wien.
Distribution: Africa (Kenya/ South Africa/ Tanzania).
Hosts: *Olea hochstetteri*, *O. welwitschii*.
References: (ds) Gardner 1957a: 30, (tx) Browne 1969: 190; Powell 1980: 29; Schedl 1941d: 390, 1957b: 150, 1961k: 436, 1979c: 115.
- hirtellum** Schedl 1971e: 9. Holotype, sex?; Congo Belge, Yangambi; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
References: (tx) Schedl 1971e: 9, 1979c: 117.
- intermedium** Schedl 1971e: 10. Holotype, sex?; Kamerun; Schedl Collection in NHMW, Wien.
Distribution: Africa (Cameroon).
References: (tx) Schedl 1971e: 10, 1979c: 126.
- kivuensis** Schedl 1957d: 44. Holotype, sex?; Congo Belge; Kivu, Muhungu; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: *Popowia* sp.
References: (ds) Schedl 1961k: 437, (tx) Schedl 1957d: 44, 1961k: 437, 1979c: 133.
- longipilum** Eggers 1935c: 308. Holotype ♀; Brit. Ostafrika (Mulanje); USNM, Washington.
Distribution: Africa (Ghana/ Ivory Coast/ Kenya/ Tanzania), Madagascar.
References: (ds) Schedl 1972e: 280, 1977b: 36, 1977d: 275, 1982: 251, (tx) Anderson, W. H. & Anderson 1971: 15; Eggers 1935c: 308, 1940c: 236; Nulberg 1969: 350; Schedl 1953d: 67, 1961k: 437, 1977b: 36.
- methneri** Eggers 1922b: 170. Holotype, sex?; Utzungwe-Berge, 1300–1600 m; Methner Collection.
Distribution: Africa (Kenya/ South Africa/ Tanzania).
References: (tx) Browne 1965: 22; Eggers 1922b: 170; Schedl 1961k: 435, 1962k: 1067, 1965g: 19.
- montanum** Eggers 1922b: 170. Holotype ♀; Buca, Kamerun; USNM, Washington.
Distribution: Africa (Cameroon).
References: (tx) Anderson, W. H. & Anderson 1971: 21; Eggers 1922b: 170, 1935c: 308; Schedl 1961k: 435.
- nodosum** Eggers 1940c: 236. Holotype, sex?; Congostaat; Mongwalu (Kilo), im Osten an der Grenze gegen Brit. Ostafrika; MRCB, Tervuren.
Distribution: Africa (Cameroon/ Ghana/ Nigeria/ Uganda/ Zaire).
References: (ds) Browne 1973a: 279; Roberts 1969: 124; Schedl 1962h: 58, 1962k: 1067, 1965f: 4, (tx) Eggers 1940c: 236; Schedl 1961k: 435, 1962k: 1067, 1965f: 4.
- pygmaeum** Eggers 1920: 39. Syntypes, sex?; Soppo in Kamerun, 500 m; MNB, Berlin, and Eggers Collection, 2 Eggers syntypes in NHMW, Wien.
Distribution: Africa (Cameroon).
References: (tx) Eggers 1920: 39; Schedl 1961k: 439, 1962h: 66, 1979c: 207.
- setifer** Eggers 1920: 39. Holotype, sex?; Amani; Hamburg Museum, lost.
Distribution: Africa (Kenya/ Tanzania/ Zaire).
References: (ds) Gardner 1957a: 30; Schedl 1961k: 439, (tx) Eggers 1920: 39, 1922b: 170, 1927a: 195; Schedl 1941d: 390, 1951e: 39, 1952g: 50, 1961k: 439, 1979c: 226.
- spathifer** Schedl 1951e: 39. Syntypes, sex?; Cote d'Ivoire, Reserve du Banco; MNHN, Paris, and Schedl Collection in NHMW, Wien.
Distribution: Africa (Ivory Coast/ Tanzania).
Hosts: *Olea welwitschii*, *Pachylobus deliciosus*, *Strombosia pustulata*.
References: (ds) Cachan 1957: 15; Schedl 1961k: 440, 1979b: 415, (tx) Schedl 1951e: 39, 1954d: 570, 1961k: 440, 1979c: 233.
- spinifer** Eggers 1920: 39. Lectotype ♀; Kamerun; USNM, Washington, designated by Anderson & Anderson 1971: 31.
Distribution: Africa (Cameroon/ Ivory Coast).
References: (ds) Cachan 1957: 15; Roberts 1969: 124; Schedl 1961k: 440, 1964j: 40, 1967e: 210, (tx) Anderson, W. H. & Anderson 1971: 30–31; Eggers 1920: 39; Schedl 1951e: 35, 1954d: 570, 1961k: 441, 1965h: 114.
- uniseriatum** Schedl 1965h: 114. Holotype, sex?; S.W. Africa; Schedl Collection in NHMW, Wien.
Distribution: Africa (South West Africa).
References: (tx) Schedl 1965h: 114, 1979c: 261.

Genus *Scolytomimus* Blandford

- Scolytomimus* BLANDFORD 1895a: 319. Type-species: *Scolytomimus dilutus* Blandford, monobasic.
Neoxyloctonus Eggers 1923a: 143. Type-species: *Neoxyloctonus philippinensis* Eggers, monobasic. Synonymy: Schedl 1951i: 53.
References: (tx) Eggers 1923a: 143; Schedl 1951i: 53.
- Scolytoleptes* Schedl 1962q: 490. Type-species: *Scolytomimus maculatus* Beeson, original designation. Synonymy: Browne 1970: 557.
References: (tx) Browne 1970: 557; Schedl 1962q: 490.
- Keys: Browne 1958a: 457.
References: (hb) Browne 1961c: 79–81; Wood, S. L. 1986a: 85, (ds) Browne 1961c: 79–81; Wood, S. L. 1986a: 85, (tx) Beeson 1938b: 290; Blandford 1895a: 319; Browne 1958: 487–497, 1970: 557; Schedl 1951i: 53; Wood, S. L. 1960a: 1–73, 1986a: 85.
- andamanensis** Wood 1988c: 199. Holotype ♂; Andaman Islands; FRI, Dehra Dun.
Distribution: Asia (Andaman Islands in India).

- Hosts: *Sideroxylon longepetiolatum*.
 Notes: (3) Schedl 1951i: 53 (*Xyloctonus andamanensis* Beeson, nomen nudum).
 References: (tx) Wood, S. L. 1988c: 199–200.
- assamensis** Schedl 1951i: 54. Holotype, sex?; Assam, Lushai Hills, India; Schedl Collection in NIIMW, Wien.
 Distribution: Asia (Bangladesh/ Assam and Bihar in India/ Sri Lanka), Indonesia (Sarawak in Borneo).
 Hosts: *Bassia latifolia*, *B. butyraces*, *Banhinia tomentosa*, *Camellia sinensis*, *Dichopsis polyantha*, *Isonandra polyantha*, *Palaquium pseudo-rostratum*.
 References: (cn) Mathur & Singh 1960b: 73. (ds) Mathew 1951, 1957: 188; Mathur & Singh 1960b: 73; Schedl 1962p: 203. (tx) Schedl 1951i: 54, 1962p: 203, 1979c: 29.
bassiae Schedl 1951i: 54. Holotype, sex?; Indien, Bihar, Balaghat; Schedl Collection in NHMW, Wien. Synonymy: Wood 1992:(in press).
 References: (ds) Bhasin, Roonwal, & Singh 1955. (tx) Browne 1958a: 491; Schedl 1951i: 54, 1979c: 35.
quadrioculatus Browne 1958: 490. Holotype, sex?; Sarawak: Setapok, near Kuching; BMNH, London. Synonymy: Schedl 1962p: 203.
 References: (ds) Bhasin, Roonwal, & Singh 1958. (tx) Browne 1958: 490; Schedl 1962p: 203.
- baloghi** Schedl 1969e: 157. Holotype, sex?; New Guinea, Mt. Kaindi; NHMB, Budapest.
 Distribution: New Guinea.
 References: (tx) Schedl 1969e: 157, 1979c: 33.
- bicolor** Wood 1960a: 18. Holotype ♀; E. Ngatpang, Babelthuap, Palau Island; USNM, Washington.
 Distribution: Micronesia (Palau Island).
 References: (tx) Wood, S. L. 1960a: 17–18.
- costipennis** Schedl 1953c: 291. Syntypes 2, sex?; Malaya, Pahang, Ginting Kial; BMNH, London, and Schedl Collection in NHMW, Wien.
 Distribution: Asia (Malaya).
 References: (ds) Browne 1961c: 81. (tx) Browne 1970: 557; Schedl 1953c: 291, 1962q: 490, 1979c: 67.
- dilutus** Blandford 1895a: 320. Syntypes 2, sex?; Ceylon, Bogavantalawa; BMNH, London.
 Distribution: Asia (Sri Lanka).
 Hosts: Kiribade.
 Notes: (3) Schedl 1951i: 53 (*darwini*, nomen nudum).
 References: (ds) Kleine 1913b: 149; Schedl 1959a: 474, 1969c: 48. (tx) Beeson 1929: 224, 1938: 290; Blandford 1895a: 320; Browne 1958a: 491; Hopkins 1914: 129; Lucas 1920: 572; Schedl 1951i: 53, 1953c: 291, 1954a: 138, 1959a: 474. (ms) Lucas 1920: 572.
- maculatus** Beeson 1929: 223. Holotype, sex?; Upolu: Apia, Vailima; BMNH, London.
 Distribution: Samoan Islands.
 Hosts: *Planchonella samoensis*.
 References: (cc) Roberts 1976: 352. (hb) Beaver 1976b: 536; Roberts 1976: 352. (ds) Beaver 1976b: 532; Beeson 1938b: 290; Browne 1974a: 65, 1980c: 484, 1981b: 598, 1984a: 151; Ohno et al. 1987: 87; Roberts 1976: 352. (tx) Beeson 1929: 223; Browne 1970: 557; Schedl 1950f: 36, 1951i: 53, 1951k: 132, 1962q: 490, 1979c: 144; Wood, S. L. 1960a: 18.
- mimusopsis** Wood 1988c: 200. Holotype ♀; Palugama, Anuradhapura, Ceylon; FRI, Dehra Dun.
 Distribution: Asia (Sri Lanka).
 Hosts: *Bassia latifolia*, *Mimusops elengi*.
 Notes: (3) Schedl 1951i: 53 (*Xyloctonus mimusopsis* Beeson, nomen nudum).
 References: (tx) Wood, S. L. 1988c: 200.
- philippinensis** (Eggers) 1923: 143 (*Neoxyloctonus*).
 Syntypes, sex?; Brittan auf Mindanao, Philippines; SMITD, Dresden.
 Distribution: Australia, Philippine Islands (Mindanao).
 Hosts: *Palmelia pinnata*.
 References: (ds) Browne 1966: 245; Schedl 1966b: 16, 1972a: 143. (tx) Eggers 1923: 143, 1927b: 406, 1937b; Nobuchi 1983: 299; Schedl 1951i: 53.
- pusillus** (Eggers) 1927c: 88 (*Neoxyloctonus*).
 Lectotype, sex?; Philippinen: Mindanao, Prov. Lanao, Kolambungan; USNM, Washington, designated by Anderson & Anderson 1971: 27.
 Distribution: Asia (Andaman Islands in India/ Malaya), Indonesia (Borneo, Java), New Guinea, Philippine Islands (Mindanao).
 Hosts: *Achras sapota*, *Mimusops littoralis*, *Palaquium maingajai*, *P. stellatum*.
 References: (hb) Beaver & Browne 1978: 599; Browne 1961c: 80; Kalshoven 1958b: 180. (ds) Beaver & Browne 1978: 599; Browne 1961c: 80, 1966: 245, 1980b: 381, 1980c: 484, 1984a: 151; Ohno, Yoneyama, & Nakazawa 1987b: 93; Ohno, Yoshioka et al. 1988a: 91, 1989: 60; Schedl 1966b: 16, 1975i: 346. (tx) Anderson, W. H. & Anderson 1971: 27; Browne 1961: 80; Eggers 1927c: 88; Nobuchi 1983: 300; Schedl 1940b: 435, 1951i: 50, 53, 1953c: 288, 1962p: 203, 1979c: 206.
kalshoveni Eggers 1940d: 132. Holotype, sex?; Java; Kalshoven Collection. Synonymy: Wood 1989: 175.
 References: (hb) Kalshoven 1958: 180. (tx) Browne 1958a: 491; Eggers 1940d: 132; Schedl 1942d: 1, 1951i: 53, 1953c: 288, 1979c: 131; Wood, S. L. 1989: 175.
- brunigi** Browne 1958: 488. Holotype, sex?; Sarawak: Bako National Park; BMNH, London. Synonymy: Schedl 1962p: 203.
 References: (ds) Browne 1961a: 304. (tx) Browne 1958: 488; Schedl 1962p: 203.

- menoni* Browne 1958: 457. Holotype, sex?: Malaya: Selangor, Kepong; BMNH, London. Synonymy: Schedl 1962p: 203. References: (ds) Browne 1961c: 51, (tx) Browne 1958: 457, 1961c: 51; Schedl 1962p: 203.
- insularis* Schedl 1962q: 491 (*Scolytoleptes*). Holotype, sex?: Andaman Islands; Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 175. Notes: (1) Browne 1970: 557 (to *Scolytomimus*). (3) Beeson 1941: 295 (*insularis*, nomen nudum). References: (ds) Beeson 1961: 295, (tx) Browne 1955a: 491, 1970: 557; Schedl 1951i: 53, 1955b: 257, 1962q: 491, 1979c: 126; Wood, S. L. 1989: 175.
- quadridens* Wood 1985c: 200. Holotype ♂; New Guinea (NE), Huroon Peninsula, Finschhafen; Wood Collection. Distribution: New Guinea. References: (tx) Wood, S. L. 1985c: 200–201.
- rectus* Wood 1985c: 201. Holotype ♂; 40 km NE Polonnaruwa, Pol. Distr., Sri Lanka; USNM, Washington. Distribution: Asia (Sri Lanka). Hosts: *Manikara lexicandra*. References: (tx) Wood, S. L. 1985c: 201.
- tenuis* Browne 1984: 77. Holotype, sex?: Fiji: Viti Levu, Namosi Road, Savura Creek; BMNH, London. Distribution: Fiji Islands. References: (tx) Browne 1984: 77.
- woodi* Browne 1958: 489. Holotype, sex?: Malaya: Selangor, Kepong; BMNH, London. Distribution: Asia (Malaya). Hosts: *Palaquium maingayi*, *P. stellatum*. Notes: (3) Schedl 1962p: 203 (incorrectly cited as a synonym of *pusillus*). References: (hb) Browne 1961c: 80, (ds) Browne 1961c: 80, (tx) Browne 1958: 489, 1961c: 80; Schedl 1962p: 203.
- Genus *Xyloctonus* Eichhoff
- XYLOCTONUS EICHHOFF** 1872a: 134. Type-species: *Xyloctonus scolytoides* Eichhoff, monobasie. Keys: Menier 1974: 635. References: (hb) Schedl 1958d: 184, 1961k: 415, 1977b: 31; Wood, S. L. 1986a: 85, (ds) Hagedorn 1910d: 81; Schedl 1961k: 418, 1977b: 31; Wood, S. L. 1986a: 85, (tx) Blandford 1893d: 441, 1895a: 320, 1904: 412; Eggers 1939a: 14; Eichhoff 1872a: 134, 1875b: 335; Hagedorn 1904: 412, 1910a: 135–136, 1910b: 4; Hopkins 1914: 132, 135, 1915c: 226; Menier 1974: 653–666; Schedl 1939e: 340, 1939i: 350, 1941d: 398, 1957d: 1–162, 1961k: 418, 1965e: 349–379, 1977b: 31; Wood, S. L. 1986a: 85.
- aethiops* Schedl 1953d: 77. Lectotype, sex?: Madagascar, Ankorika; MNHN, Paris, designated by Menier 1974: 660. Distribution: Madagascar. Hosts: *Savia hillebrandti*. References: (tx) Menier 1974: 660; Schedl 1953d: 77, 1977b: 31, 1979c: 14.
- stenographus* Schedl 1961e: 130. Holotype, sex?: Madagascar, Perinet; MNHN, Paris. Synonymy: Menier 1974: 660. References: (hb) Schedl 1977b: 34, (ds) Schedl 1977b: 34, (tx) Menier 1974: 660; Schedl 1961e: 130, 1977b: 31–34, 1979c: 237.
- bimarginatus* Eggers 1939a: 17. Holotype, sex?: Congostaat (Kundelunguis); MRCB, Tervuren. Distribution: Africa (Zaire). References: (tx) Eggers 1939a: 17; Menier 1974: 656; Schedl 1961k: 419.
- biseriatus* Schedl 1953d: 76. Lectotype, sex?: Madagascar, Region de l'Androy, Ambovombe; MNHN, Paris, designated by Menier 1974: 661. Distribution: Madagascar. References: (tx) Menier 1974: 656, 661; Schedl 1953d: 76, 1977b: 31, 1979c: 41.
- latus* Eggers 1939a: 14. Lectotype, sex?: Abyssinia (Djem-djem Forest); BMNH, London, designated by Menier 1974: 661. Distribution: Africa (Ethiopia/ South Africa/ Zambia). References: (ds) Schedl 1965e: 351, 1965h: 111, 1969d: 5, (tx) Eggers 1939a: 14–15; Menier 1974: 661; Schedl 1961k: 419, 1965e: 365, 1979c: 137.
- maculatus* Schedl 1965h: 113. Holotype, sex?: Cape Prov., Port Elizabeth; Transvaal Museum. Distribution: Africa (South Africa). Hosts: *Sideroxylon incrm.* References: (tx) Schedl 1965g: 19, 1965h: 113, 1979c: 114.
- mauritanus* Menier 1974: 662. Holotype ♂?: Corps de garde, Mauritius; MNHN, Paris. Distribution: Mauritius Island. References: (tx) Menier 1974: 662, 663.
- niger* Schedl 1938d: 452. Lectotype, sex?: Uganda: Entebbe; BMNH, London, designated by Menier 1974: 663. Distribution: Africa (Uganda). Hosts: *Conopharyngia holzkii*. References: (ds) Gardner 1957a: 33; Schedl 1938d: 452, (tx) Eggers 1939b: 14; Menier 1974: 663; Schedl 1938d: 452, 1961k: 419, 1979c: 179.
- opacus* Schedl 1957d: 43. Holotype, sex?: Ruanda: Ilembe; MRCB, Tervuren. Distribution: Africa (Ruanda in Zaire). Hosts: *Chrysophyllum boivinianum*. References: (cc) Schedl 1958d: 190–191, 1961k: 420, (hb) Schedl 1958d: 191, 1961k: 420, 1977b: 32, (ds) Mayne & Donis 1962: 323; Schedl 1961k: 420, 1977b: 32, 1979b: 415, (tx) Schedl 1957d: 43, 1961k: 420, 1977b: 32, 1979c: 179.
- pubifer* Schedl 1965e: 365. Holotype, sex?: Port Elisabeth; Schedl Collection in NHMW, Wien. Distribution: Africa (South Africa/ Zambia).

References: **(hb)** Loyttyniemi, Beaver, & Loyttyniemi 1984. **(ds)** Beaver & Loyttyniemi 1985a: 79; Schedl 1982: 281. **(tx)** Schedl 1965c: 365, 1979c: 203.

punctipennis Eggers 1939a: 16. Holotype, sex?: Somaliland (Basso Genana); USNM, Washington. Distribution: Africa (Somalia).

References: **(tx)** Anderson, W. H. & Anderson 1971: 27; Eggers 1939a: 16; Schedl 1961k: 422, 1979c: 205.

quadricinctus Schedl 1941d: 357. Holotype, sex?: Usambara; Schedl Collection in NIMW, Wien. Distribution: Africa (Ghana/ Tanzania).

Hosts: *Chrysophyllum albidum*.

References: **(hb)** Thompson, G. H. 1963: 73. **(ds)** Roberts 1969: 134; Schedl 1961k: 423; Thompson, G. H. 1963: 73. **(tx)** Menier 1974: 656, 665; Schedl 1941d: 357, 1954c: 49, 1957d: 43, 1961k: 422, 1979c: 208.

quadrideus Schedl 1953d: 77. Lectotype ♂: Madagascar, Mt. d'Ambre; MNHN, Paris, designated by Menier 1974: 665.

Distribution: Madagascar.

Hosts: *Filicium abbreviatum*.

References: **(hb)** Schedl 1977b: 33. **(ds)** Schedl 1977b: 33. **(tx)** Menier 1974: 665; Schedl 1953d: 77, 1977b: 33, 1979c: 208.

scolytoides Eichhoff 1872a: 134. Lectotype, sex?: Port Natal; IRSNB, Brussels, designated by Menier 1974: 665.

Distribution: Africa (Ghana/ Ivory Coast/ Kenya/ Nigeria/ South Africa/ Sudan/ Tanzania/ Zaire).

Hosts: *Butyrospermum parkii*, *Allepe* (*Bassia*) *latifolia*, *Mimusops caffra*.

References: **(cn)** Anonyms 1970c: 14. **(cc)** Beeson 1922c: 500. **(hb)** Browne 1963a: 236;

Roberts 1969: 134. **(ds)** Anonymous 1970c: 14; Beeson 1922c: 500, 1961: 310; Browne 1963a: 236; Gemminger & Harold 1872: 2684; Hagedorn 1910d: 81; Kleine 1913b: 148, 1914b: 319, 1934a: 167–168; Schedl 1935d: 450, 1961k: 423, 1962h: 53, 1962k: 1066, 1964j: 40, 1972c: 280, 1975h: 351, 1977d: 178, 1982: 279. **(tx)** Blandford 1895a: 320; Eggers 1922b: 173–174, 1927a: 198, 1936b: 28–33, 1939b: 14; Eichhoff 1872a: 134, 1878b: 171–172; Hagedorn 1910a: 136; Hopkins 1914: 132, 135, 1915c: pl. 9, fig. 6; Lucas 1920: 675; Menier 1974: 665; Schedl 1939g: 170, 1941d: 380, 1951i: 53–54, 1957b: 150, 1957d: 43, 1961k: 423, 1962k: 1066, 1965g: 17. **(ms)** Lucas 1920: 675.

emarginatus Eggers 1939a: 16. Holotype, sex?: Brit. Ostafrika (W. Nile); USNM, Washington. Synonymy: Menier 1974: 665.

References: **(tx)** Anderson, W. H. & Anderson 1971: 12; Eggers 1939a: 15–16; Menier 1974: 665; Schedl 1961k: 419, 1979c: 90.

striatus Eggers 1939a: 18. Holotype, sex?: Mozambique (Sangadze, Moulina); MNHN, Paris.

Distribution: Africa (Mozambique).

Hosts: *Acacia* sp.

References: **(ds)** Schedl 1961k: 425. **(tx)** Eggers 1939a: 18; Schedl 1961k: 425, 1965c: 365, 1979c: 238.

subcostatus Eggers 1939a: 15. Holotype, sex?: Deutsch Ost Africa (Bez. Tabora; Ngulu); USNM, Washington.

Distribution: Africa (Guinea/ Mozambique/ Sudan/ Tanzania).

References: **(ds)** Schedl 1961k: 425. **(tx)** Anderson, W. H. & Anderson 1971: 32; Eggers 1939a: 15–16; Schedl 1955d: 268, 1961k: 425, 1979c: 240.

Tribe Cryphalini Lindemann

Cryphaloidea

References: Lindemann 1876: 165.

Cryphalidae

References: Eichhoff 1875b: 107, 1881a: 169.

Cryphalinae

References: Hagedorn 1909: 162, 1910a: 24, 80, 1910d: 40; Hopkins 1915b, 1915c: 224; Leng 1920: 339; Lucas 1920: 19; Nusslin 1911: 430; Tredl 1907: 12.

Cryphalini

References: Leng 1920: 339; Reiter 1913a: 28; Wood, S. L. 1975a: 114, 1982b: 69, 1986a: 85–93.

Cryphalina

References: Balachowsky 1949a: 200; Barbey 1901: 21; Beal & Massey 1945: 119; Bedel 1885b: 397, 413.

Cryphali

References: Blandford 1904: 225.

Trypophloeinae

References: Nusslin 1911: 373, 431.

Ernoporinae

References: Nusslin 1911: 375, 429.

Eidophelinae

References: Murayama 1954: 200.

Genus *Trypophloeus* Fairmaire

TRYPOPHLOEUS FAIRMAIRE 1868: 105. Type-species:

Bostrichus binodulus Ratzeburg, monobasic.

Glyptoderes Eichhoff 1875b: 34, 44, 137. Type-species: *Bostrichus binodulus* Ratzeburg, subsequent designation by Hopkins 1914: 122. Synonymy: Bedel 1885b: 397.

References: (tx) Balachowsky 1949a: 213; Eichhoff 1875b: 34, 44, 137; Coz 1985: 278; Wood, S. L. 1954a: 998.

Keys: Wood 1954a: 989, 1982b: 851 for North America; Balachowsky 1949a: 214, Reitter 1913a: 69, Stark 1952: 281 for Asia and Europe.

References: (hb) Wood, S. L. 1982b: 850, 1986a: 89. (ds) Wood, S. L. 1982b: 850, 1986a: 89. (tx) Balachowsky 1949a: 213; Bright 1976d: 108; Dodge 1935: 18; Fairmaire 1864: 121–127, 1868: 105; Hansen, V. 1955: 169–176; Hopkins 1914: 131–132, 1915b: 3, 36; Karaman 1972: 122; Klimesch 1913: 105–116, 1914: 213–219, 231–241; Kostin 1973: 253; Krivolitskaya 1956: 152; Nimberg 1956: 141; Peyrimhoff 1935: 194–195; Pfeiffer 1889a: 83; Reitter 1913a: 65, 69–71; Rudnev 1958: 372; Saalas 1914: 73, 83; Schedl 1962p: 204, 1981b: 72; Scheerpeltz & Winkler 1930: 257; Schimitschek 1937: 50–51; Sokanovskii 1954: 21–22; Spessivtsev 1922: 470, 1931: 88; Stresmann et al. 1989: 353; Swaine 1918a: 45, 90; Trappan 1935: 142; Wood, S. L. 1954a: 988, 1967a: 122, 1982b: 850, 1986a: 89. (ms) Kangas 1969.

alni (Lindemann) 1875a: 136 (*Cryphalus*). Syn-

types, sex?, Moskau; not located.

Figures: Grune 1979: 98.

Distribution: Asia (Xinjiang in China), Europe (Austria/ Czechoslovakia/ Finland/ Germany/ N Italy/ Norway/ Poland/ W USSR).

Hosts: *Ahus glutinosa*, *A. incana*.

References: (ay) Klimesch 1914: 215. (bx) Grune 1979: 99. (cn) Grandi 1951; Kontkanen 1932: 63; Koppen 1882: 252; Nestertschnk 1930: 176; Nusslin 1913: 291; Pierce, W. D. 1917: 12; Rhumbler 1922: 334, 1927: 351. (ce) Balazy & Michalski 1964b; Kangas 1942b; Kleine 1905c: 187, 1944: 70; Michalski & Ratajczak 1989; Nusslin 1927: 351. (hb) Altum 1881c: 322; Dombrowsky 1887, 1889; Eichhoff 1881a: 46, 189; Gornostaev 1916: 314; Grandi 1951; Henschel 1895a: 170; Kangas 1940b: 41–50; Klimesch 1915: 11; Kostin 1960: 132; Lengerken 1954b: 84; Lindemann 1875a: 136; Palm 1956: 63; Nusslin 1913: 291, 1927: 351; Rhumbler 1922: 334, 1927: 351; Rupertsberger 1879: 231, 1880: 229; Schedl 1981b: 73; Stark 1926a: 330, 1952: 283. (ds) Gornostaev 1917; Grune 1979: 99; Hagedorn 1910d: 40; Hansen, V. 1939; Hellen 1947; Henschel 1895a: 170; Heyden, Reitter, & Weise 1883: 181, 1891: 671, 1906: 711; Kangas 1942b; Klebeck & Sjoberg 1960: 203; Kleine 1913a: 35, 1913b: 123, 1934a: 147; Kontkanen 1932: 63; Koppen 1882: 252; Kraatz 1876c: 107; Lindemann 1884b: 264; Linnavuori 1949a: 185, 1949b: 34; Lucht 1987: 278; Nimberg 1954: 50; Nuorteva 1971; Palm 1956: 63; Pierce, W. D. 1917: 12; Pittioni 1943: 176; Postner 1974: 428; Reitter 1889a: 93, 1894a: 72; Schanfuss 1915: 1233; Schedl 1980a: 15, 1981b: 73; Seidlitz 1891b: 563, 608; Sokanovskii 1960; Stark 1926a: 330, 1926j: 125, 1931a: 25, 1952: 283; Stein & Weise 1877: 164; Strand 1946: 600, 1953: 62; Swaine 1912a: 349; Tredl 1907: 13; Wichmann 1909b: 173; Yanovskii & Tegshzhargal 1985: 409; Zinovjev 1955: 191. (tx) Balachowsky 1949a: 218; Dombrowsky 1887, 1889; Eichhoff 1875b: 44, 139, 1881a: 46, 189, 1883a: 110, 133; Grune 1979: 98, 99; Hagedorn 1910a: 85; Henschel 1895a: 170; Hopkins 1915b: 36; Lindemann 1875a: 136, 1877a: 161; Lucht 1987: 278; Nimberg 1954: 50; Pfeiffer 1955a: 184; Reitter 1889a: 93, 1894a: 72, 1913a: 71; Rhumbler 1922: 334, 1927: 351; Rupertsberger 1879: 231, 1880: 229; Schedl 1934f: 1639, 1980a: 15, 1981b: 73; Sedlaezek 1912: 307; Seidlitz 1891a: 563, 1891b: 608; Sokanovskii 1954: 22, 1960: 676; Spessivtsev 1922a: 471, 492, 1931: 47; Stark 1935: 152, 1952: 203; Strand 1953: 62. (ms) Kraatz 1876c: 107.

holdhausi Wichmann 1912c: 186. Holotype ♀; Campo grosso [N Italy]; NHMW, Wien. Synonymy: Balachowsky 1949a: 218.

References: (ds) Kleine 1913b: 123; Schanfuss 1915: 1233. (tx) Balachowsky 1949a: 218;

Eggers 1914; Reitter 1913a: 70–71; Schedl 1934f: 1639; Wichmann 1912c: 186.

binodulus (Ratzeburg) 1837: 163 (*Bostrichus*).

Syntypes, sex?, apparently Germany; not located. Distribution: Africa (Algeria/ Morocco), Europe (Austria/ Belgium/ Bulgaria/ Corsica/ Czechoslovakia/ Denmark/ England/ Finland/ France/ Germany/ Hungary/ Italy/ Netherlands/ Norway/ Poland/ Romania/ Spain/ Sweden/ Switzerland). Hosts: *Populus pyramidalis*, *P. tremula*, *Salix caprea*, *S. fragilis*, *S. sp.*

Notes: (3) Most references (except Gyllenhal 1813: 363) to *Bostrichus asperatus* published prior to Wood 1972: 41 refer to *binodulus*; the species designated by the name *asperatus* is in *Cryphalus*.

References: (ay) Escherich 1923b: 482; Klimesch 1914: 216–217, 237; Nusslin 1911a: 112. (cn) Barbey 1925: 566; Escherich 1923b: 482; Esterberg 1959; Kontkanen 1932: 63; Nester-tschuk 1930: 176; Nusslin 1913: 291; Palm 1951: 231; Rhumbler 1922: 334, 1927: 351; Schwerdtfeger 1944a: 175, 1957a: 182; Wachtl 1901: 381. (cc) Brannmanis 1938, 1940; Elliot & Morley 1907; Heqvist 1967: 69; Kleine 1908c: 187, 1909a: 47; Nosek 1959a: 118, 1959b: 86; Nusslin 1927: 351; Rondani 1873: 146; Schwerdtfeger 1944a: 175, 1957a: 182. (hb) Altum 1881c: 322; Barbey 1901: 74, 1925: 566; Chapman 1869a: 198; Dombrowsky 1887, 1889; Eichhoff 1881a: 46, 188; Escherich 1923b: 482; Everts 1903: 756; Gyorfi 1957; Hagedorn 1903a, 1904f; Henschel 1895a: 170; Karpinski & Strawinski 1948: 155; Kellner 1862: 280; Kemmer 1919: 175; Klimesch 1915: 11; Lengerken 1939: 63, 1954: 84; Munro 1926: 62; Nordlinger 1856: 29; Nosek 1959a: 118, 1959b: 86; Nymberg 1929a: 105; Nusslin 1898: 280, 1913: 291, 1927: 351; Palm 1950: 142, 1951: 231; Peyerimhoff 1926: 387; Pfeffer 1942a: 15; Ratzeburg 1837: 163, 1839: 199; Rhumbler 1922: 334, 1927: 351; Rupertsberger 1879: 231, 1880: 229; Saalas 1913a: 69, 83; Schwerdtfeger 1944a: 175, 1957a: 182; Stark 1926a: 334, 1952: 289; Wachtl 1876a: 458, 1901: 381. (ds) Acloque 1896; Allen, A. 1954, 1958: 216; Arnoldi et al. 1955: 694; Bedel 1888b: 397, 414; Bielz 1887; Blanchere & Robert 1889; Borchert 1951; Calver 1884, 1893; Carpentier & Delaby 1908; Crotch 1863; Eggers 1904; Endrodi 1958b; Ericson & Sandin 1893; Escherich 1923b: 482, 1932b; Esterberg 1959; Everts 1922: 642; Fowler 1891; Fuchs 1905a; Fuss 1874; Ganbil 1849: 126; Gemminger & Harold 1872: 2683; Gozis 1875: 80, 1885: 278; Gredler 1875: 115; Grill 1895: 309; Hagedorn 1903a, 1910d: 41; Hansen, V. 1939, 1956; Hellen 1947; Henschel 1895a: 170; Heyden 1876: 299, 1879: 140; Heyden, Reitter, & Weise 1883: 181, 1891: 671, 1906: 711; Horion 1951; Jansson 1935: 77; Jazentkovsky 1912: 288; Kangas 1946a: 36;

Karpinski 1925: 216, 1931: 20, 39, 1932b: 54; Karpinski & Strawinski 1948: 155; Keler 1925b: 272; Kellner 1862: 280; Kemmer 1919: 175; Kestercanek 1881a: 12; Kleine 1912a: 263, 267, 1913a: 35, 1913b: 123, 1934a: 147; Klöfl & Hinks 1945: 218; Koltze 1901: 153; Kontkanen 1932: 63; Kozikowsky & Kuntze 1925: 20; Kraatz 1869: 59; Lacordaire 1866: 379; Langhoffer 1915c: 158; Lindemann 1884b: 264; Linder 1953: 71; Lindgren 1945: 77; Lomnicki 1886a: 242, 1913b: 148; Matthews & Fowler 1883: 42; Nymberg 1928b: 55, 106, 1954: 50; Nusslin 1898: 280; Palm 1950: 142, 1959: 24, 350; Perris 1876a: 255, 1877a: 415; Peyerimhoff 1926: 387; Pfeffer 1931b: 73, 1936: 90; Pittioni 1943: 176; Poppius 1900: 108; Power 1865: 212; Prossen 1913: 83; Rapp 1934: 728; Ratzeburg 1837: 163, 1839: 199; Redtenbacher 1858: 832, 1874: 375; Reitter 1869b: 154, 1894a: 72, 1916: 289; Rohrig 1955: 37; Roubal 1941: 264; Saalas 1913a: 69, 83; Sahlberg 1900: 105; Sainte-Claire 1914: 472; Sainte-Claire & Mcquignon 1938: 445; Schanfuss 1915: 1233; Schamm 1859: 96, 1862: 101; Scheerpeltz & Winkler 1930: 257; Schilsky 1909: 188; Seidlitz 1872: 393, 1891a: 563, 1891b: 608; Sharp & Fowler 1893: 34; Stark 1926a: 334, 1926b: 103, 1926j: 125, 1931a: 25, 1952: 289; Stein 1868: 114; Stein & Weise 1877: 164; Stierlin 1898: 438; Thomson 1868: 219; Tredl 1907: 13; Wachtl 1876a: 458; Westhoff 1882: 238; Wichmann 1927a: 68. (tx) Acloque 1896; Bach 1854; Balachowsky 1949: 215; Barbey 1901: 74; Bedel 1888b: 397, 414; Bertolini 1872; Carpentier & Delaby 1908; Doebner 1860; Dombrowsky 1887, 1889; Duffly 1953; Eggers 1927: 121–122; Eichhoff 1864b: 35, 1878b: 44, 139, 1881a: 46, 188, 1883a: 110, 133; Endrodi 1957b: 416; Escherich 1923b: 482; Everts 1903: 756, 1922: 642; Fairmaire 1864: 105; Fauvel 1889; Ferrari 1867a: 11, 1867b: 114; Fleischer 1927; Formanek 1907: 36; Hagedorn 1904a: 230; Hansen, V. 1955, 1956: 179; Henschel 1895a: 170; Hopkins 1914: 122, 131, 1915b: 36–37; Houllbert 1922a: pl. 1; Jacquelin du Val & Fairmaire 1868: 105; Karpinski & Strawinski 1948: 155; Klimesch 1913: 112–113, 1914: 231–241; Kulmt 1913: 1055; Lacordaire 1866: 379; Letzner 1891: 375; Nordlinger 1856: 29; Nymberg 1954: 50, 1956c: 160, 168; Nusslin 1911a: 112; Perris 1877a: 415; Pfeffer 1932b: 18, 1942a: 15, 1955a: 156; Portevin 1935: 325; Quaschik 1953: 35; Ratzeburg 1837: 163, 1839: 199; Redtenbacher 1849a: 791, 1849b: 26, 1858: 832, 1874: 375; Reitter 1894a: 72, 1913a: 69, 1916: 289; Rhumbler 1922: 334, 1927: 351; Rupertsberger 1879: 231, 1880: 229; Saalas 1913a: 69, 83; Schedl 1934f: 1639, 1952f: 87, 1964a: 99; Seidlitz 1872: 393, 1891a: 563, 1891b: 608; Sharp 1879: 101; Sokanovskii 1954: 17; Spesivtsev 1922: 471, 491, 1925a: 171, 1931: 47–48; Stark 1952: 289; Stierlin 1898: 438; Thomson 1868: 219, 1871: 393. (ms) Escherich 1932b.

grothi Hagedorn 1904a: 232 (*Cryphalus*). Syn-
types, sex?: Deutschl. [Osdorf near Hamburg];
Hamburg Museum, lost. Synonymy: Reitter
1913a: 69.

Notes: (3) Hansen 1955: 180 (treated this as a
good species).

References: (ay) Eichelbaum 1905: 248–250;
Klimesch 1914: 236, 238; Numborg 1928a:
140; Nusslin 1911a: 58, 59, 278, 337, 378; (cn)
Barbey 1925: 566; (cc) Kleine 1908c: 187,
1909a: 46, 1944: 82; (hb) Barbey 1925: 566;
Hagedorn 1904a: 232; Palm 1956: 63; (ds)
Bejer-Petersen & Jorinn 1977: 24; Bucking
1932: Hagedorn 1910d: 43; Hansen, V. 1956:
178, 1964: 462; Heyden, Reitter, & Weise
1906: 711; Horion 1960: 162; Jazentkovsky
1912: 285; Kfelbeck & Sjøberg 1960: 230;
Kleine 1912a: 263, 267, 1913b, 1934a: 146;
Klimesch 1913: 106–116; Kozikovsky &
Kuntze 1925: 20; Lundgren 1988; Mahler
1987: 232; Munster 1922b; Negru 1965: 114;
Palm 1956: 63, 1959: 24, 350; Pfeffer 1989a:
85; Rohrig 1955: 37; Rydh 1977; Schilsky 1909:
188; Strand 1963: 91; (tx) Balachowsky 1949a:
215; Endrodi 1957b: 416; Hagedorn 1904a:
232, 1910a; Hansen, V. 1955: 180, 1956: 178,
1964: 462; Klimesch 1913: 106; Lundgren
1988; Numborg 1928a: 140; Nusslin 1911a: 58,
89, 278, 337, 378; Reitter 1913a: 69; Schedl
1934f: 1639.

spiculatus Eggers 1927d: 122. Lectotype ♂;
Klana (Kråin); USNM, Washington, dis-
tinguished by Anderson & Anderson 1971: 30. Syn-
onymy: Sokanovskii 1954: 17.

References: (bv) Grune 1979: 101; (cn)
Grandi 1951; (hb) Grandi 1951; Stark 1952:
285; (ds) Arnoldi et al. 1955: 695; Grune 1979:
101; Horion 1951; Kleine 1934a: 147; Postner
1974: 428; Reitter 1916: 350; Sainte-Claire &
Mequignon 1938: 446; Stark 1952: 285; (tx)
Anderson, W. H. & Anderson 1971: 30; Bala-
chowsky 1949a: 217; Eggers 1927d: 122; Grune
1979: 101; Numborg 1956c: 159–160, 168;
Pfeffer 1955a: 185, 188; Postner 1974: 428;
Reitter 1916: 350; Schedl 1934f: 1639, 1979c:
234; Sokanovskii 1954: 17; Stark 1952: 285.

berezinae Stark 1952: 285. Holotype, sex?: Arch-
angel [USSR]; IZL, Leningrad. Synonymy:
Sokanovskii 1954: 17.

References: (bv) Grune 1979: 101; (hb) Stark
1952: 285; (ds) Grune 1979: 101; Postner
1974: 428; Stark 1952: 285; (tx) Grune 1979:
101; Hansen, V. 1956: 179; Pfeffer 1955a: 185;
Postner 1974: 428; Sokanovskii 1954: 17; Stark
1952: 285.

dejevi Stark 1936: 152. Lectotype, sex?: Asiatic
Russia: Sejang Mt., Margassan R.; IZL, Leningrad,
designated by Michalski 1969a: 892.

Distribution: Asia (Sakhalin Island, Siberia in E
USSR).

Hosts: *Salix sachalinensis*.

Notes: (3) Original publication not seen by us;
Stark 1952: 284 spelled the name *decei*.

References: (hb) Kurenzov & Kononov 1961: 600;
(ds) Krivolitskaya 1983; Kurenzov & Kononov
1961: 595; Stark 1936c: 152; Yanovskii & Tegsh-
zhiargal 1985: 409; Zinovjev 1955: 187; (tx) Krivo-
litskaya 1958: 153; Kurenzov 1941a: 232;
Michalski 1969b: 567, 1970: 892; Pfeffer 1944:
131; Schedl 1952k: 158; Sokanovskii 1954: 17,
1960: 676; Stark 1936: 152, 1951: 299, 1952: 284.

dejevi Eggers 1942c: 31. Synatypes 2, sex?:
Baikalgebiet (Sajon), Siberia, USSR; Eggers
Collection, both in NIMW, Wien. Synonymy:
Pfeffer 1944a: 131.

References: (hb) Stark 1952: 284; (ds) Stark
1952: 284; (tx) Eggers 1942c: 31; Pfeffer
1944a: 131; Schedl 1952k: 158; Stark 1952:
284–299; (ms) Pfeffer 1944a: 131, 1979c: 76.

grandis Schedl 1964a: 99. Holotype ♀; Alger;
MNHN, Paris.

Distribution: Africa (Algeria, Morocco).

References: (tx) Schedl 1964a: 99.

granulatus (Ratzeburg) 1837: 164 (*Bostrichus*).
Synatypes, sex?: Passau, Linz, in Sweden; not
located.

Figures: Balachowsky 1949a: 210, 216; Grune
1979: 102.

Distribution: Africa (Egypt), Europe (Bulgaria/
Czechoslovakia/ Denmark/ England/ Finland/
France/ Germany/ Greece/ Hungary/ Italy/
Norway/ Poland/ Spain/ Sweden/ W USSR).

Hosts: *Populus alba*, *P. pyramidalis*, *P. tremula*.

References: (ay) Escherich 1923b: 483; Heeger
1866; Klimesch 1914: 218, 237; (bv) Grune 1979:
103; Hellen 1921; (cn) Chararas 1972; Escherich
1923b: 483; Grandi 1951; Hellen 1921; Nusslin
1913: 291; Rhumbler 1922: 334, 1927: 351;
Schwerdtfeger 1944a: 175, 1957a: 182; Wachtl
1901: 351; (cc) Balazy & Michalski 1960; Kleine
1908c; Krivolitskaya 1974; Krivosheina 1974;
Michalski & Ratajczak 1989; Nosek 1959a: 118,
1959b: 86; Nusslin 1927: 351; Pfeffer 1923a: 331,
1928b: 2; Ruhn 1956b: 4; Schwerdtfeger 1944a:
175, 1957a: 182; (hb) Altum 1881c: 322; Budge
1949; Dombrowsky 1887, 1889; Eichhoff 1881a:
46, 188; Escherich 1923b: 483; Grandi 1951;
Györfi 1957; Heeger 1866; Henschel 1895a: 170;
Karpinski 1933b: 28; Karpinski & Strawinski
1948: 155; Klimesch 1915: 6; Kostin 1960: 132;
Lenggerken 1939: 63, 1954: 84; Munro 1926: 62;
Nosek 1959a: 118, 1959b: 86; Nusslin 1913: 291,
1927: 351; Palm 1949: 240, 1956: 63; Pfeffer
1942a: 15; Ratzeburg 1837: 164, 1839: 199;
Rhumbler 1922: 334, 1927: 351; Saalas 1913a: 69,
83; Schedl 1981b: 73; Schwerdtfeger 1944a: 175,
1957a: 182, 1981: 188; Stark 1926a: 334, 1952:

- 288; Wachtl 1876a: 458, 1901: 381. (**ds**) Allen, A. A. 1954, 1977; Arnoldi 1955: 694; Balazy & Michalski 1960; Barthé 1896; Buresh & Lazarov 1956; Calwer 1884, 1893; Eggers 1904; Endrodi 1958b; Ericson & Sandin 1893; Escherich 1923: 483, 1932b; Forster 1849: 439; Fowler 1891; Gaubil 1849: 126; Gemminger & Harold 1872: 2683; Gozis 1875: 80; Grill 1895: 309; Grune 1979: 103; Hagedorn 1904e, 1904f, 1910d: 43; Hansen, V. 1939, 1956: 183; Hellen 1947; Henschel 1895a: 170; Heyden, Reitter, & Weise 1883: 151, 1891: 671, 1906: 711; Horion 1951; Kangas 1946a: 36; Karpinski 1931: 20, 27, 1932b: 54, 1933b: 28, 1948b: 230; Karpinski & Strawinski 1948: 155; Kestercanek 1881a: 12; Kleine 1912a: 263, 267, 1913a: 35, 1913b: 123, 1934a: 147; Kloft & Hinks 1945: 218; Kraatz 1869: 59; Kurenzov 1936b: 350; Lacordaire 1866: 379; Langhoffer 1915c: 158; Leclercq 1971; Lomnicki 1913b: 148; Lucht 1987: 278; Lundblad 1950c: 115; Matthews & Fowler 1883: 42; Munster 1928: 289; Negrú 1965: 114, 1968c: 91; Numberg 1928b: 88, 107, 1954: 50, 1956c: 157, 1960b: 156; Palm 1949: 240, 1950: 143, 1956: 63; Perris 1876a: 254, 1877a: 414; Pfeffer 1923b: 106, 1924a: 96, 1924b: 471, 1928b: 2, 1931b: 73, 1936: 90, 1989a: 85; Pittioni 1943: 176; Postner 1974: 428; Ratzeburg 1837: 164, 1839: 199; Redtenbacher 1858: 832, 1874: 375; Reitter 1894a: 72, 1916: 289; Rohrig 1955: 37; Roubal 1941: 264; Saalas 1913a: 69, 83, 1931: 67; Sainte-Claire & Mequignon 1938: 446; Schanfuss 1915: 1233; Schaum 1859: 96, 1862: 101; Schedl 1980a: 16, 1981b: 73; Scheerpeltz & Winkler 1930: 257; Schilsky 1890: 196, 1909: 188; Schwerdtfeger 1981: 188; Seidlitz 1872: 393, 1891a: 563; Sharp 1871: 84; Sharp & Fowler 1893: 34; Sokanovskii 1960; Stark 1926a: 334, 1926j: 126, 1952: 288; Stein 1868: 114; Stein & Weise 1877: 164; Stierlin 1898: 438; Teocchi 1965b; Tredl 1907: 13; Wachtl 1876a: 458; West 1938: 184; Wichmann 1927a: 68; Winter, T. G. 1983: 28; Yanovskii & Tegshzhargal 1985: 410. (**tx**) Allen, A. A. 1965b; Bach 1854; Balachowsky 1949a: 215; Berger 1917: 226–248; Doebner 1860; Dombrowsky 1887, 1889; Duffy 1953; Eggers 1915c: 188, 1927d: 121, 1942c: 31; Eichhoff 1878b: 44, 137, 1881a: 46, 188, 1883a: 110, 133; Endrodi 1957b; Escherich 1923b: 483; Fauvel 1889; Ferrari 1967b: 113; Fleischer 1927; Formanek 1907: 36; Grune 1979: 102–103; Hagedorn 1910a: 86; Hansen, V. 1955, 1956; Henschel 1895a: 170; Hopkins 1915b: 36–37; Karpinski & Strawinski 1948: 155; Klimesch 1913: 106, 1914: 231–241, 1915: 6–13; Kulnt 1913: 1056; Kurenzov 1941: 232; Lacordaire 1866: 379; Lucht 1987: 278; Numberg 1954: 50; Perris 1877a: 414; Pfeffer 1932b: 18, 1942a: 15, 1955a: 187; Portevin 1935: 325; Postner 1974: 428; Quaschik 1953: 35; Ratzeburg 1837: 164, 1839: 199; Redtenbacher 1849a: 792, 1849b: 26, 1858: 832, 1874: 375; Reitter 1894a: 72, 1913a: 67, 69–70, 1916: 289; Rhumbler 1922: 334, 1927: 351; Saalas 1913a: 69, 83, 1914: 23, 305; Schedl 1934f: 1639, 1964a: 99, 1980a: 16, 1981b: 73; Seidlitz 1872: 393, 1891a: 563, 1891b: 608; Sokanovskii 1954: 17, 1960: 671; Spessivtsov 1922a: 471, 491, 1925a: 172, 1931: 48; Stark 1952: 288; Stierlin 1898: 438; Thomson 1871: 393. (**ms**) Escherich 1932b; Hellen 1921.
- tredli* Reitter 1908: 55. Syntypes, sex?; Agypten; Cairo; NHMB, Budapest. Synonymy: Hagedorn 1904f: 232; Reitter 1913: 69.
- References: (**hb**) Hagedorn 1904f: 232. (**ds**) Negrú 1965: 114; Schilsky 1909: 188. (**tx**) Balachowsky 1949a: 216; Reitter 1908: 55, 1913a: 67; Schedl 1934f: 1639.
- bispimulus* Eggers 1927d: 121. Syntypes, sex?; Finland; 2 in Eggers Collection, in NHMW, Wien. Synonymy: Sokanovskii 1954: 17; Numberg 1956c: 159.
- Notes: (3) Hansen 1955: 182 (treated as a good species).
- References: (**bv**) Grune 1979: 103. (**cn**) Saalas 1949: 342, 372. (**cc**) Kangas 1940a, 1941, 1942a; Nuorteva 1957b: 68; Saalas 1949: 342, 372. (**hb**) Karpinski & Strawinski 1948: 155; Palm 1949: 239, 1950: 142; Saalas 1949: 342, 372; Stark 1952: 288. (**ds**) Arnoldi et al. 1955: 694; Grune 1979: 103; Hansen, V. 1939, 1956: 182; Hellen 1947; Kangas 1940: 32–34, 1941: 359–365, 1946a: 36, 1966d; Karpinski 1948a: 173; Karpinski & Strawinski 1948: 155; Klefbeck & Sjoberg 1960: 230; Lundberg 1981: 151; Nuorteva 1971: 71; Palm 1949: 239, 1950: 142, 1959: 24, 350; Pfeffer 1955a: 185; Postner 1974: 428; Stark 1952: 288; Yanovskii 1977a. (**tx**) Eggers 1927d: 121–122; Grune 1979: 103; Hansen, V. 1955, 1956; Karpinski & Strawinski 1948: 155; Numberg 1956c: 157, 159, 167; Postner 1974: 428; Saalas 1949: 342, 372; Schedl 1934f: 1639, 1979c: 41; Sokanovskii 1954: 17; Stark 1952: 288.
- klimeschi* Eggers 1915c: 188. Holotype ♂: Alaï in Ferganagebiet (Russisch-Turkestan); Eggers Collection, in NHMW, Wien.
- Distribution: Asia (Turkestan in W USSR).
- Hosts: *Elaeagnus* sp., *Populus diversifolia*, *P. pruinosa*, *P. suatcolensis*, *Tamarix* sp.
- References: (**cn**) Yagdyev 1984. (**hb**) Stark 1952: 287. (**ds**) Kadyrov 1988: 43, 1989; Stark 1952: 287. (**tx**) Eggers 1915c: 188, 1933f: 6; Schedl 1934f: 1639, 1979c: 134; Sokanovskii 1954: 22; Stark 1952: 287.
- kurenzovi* Numberg 1956d: 208. Lectotype, sex?; Ussuri, USSR; ISBX, Novosibirsk, USSR, and IZL, Leningrad/St. Petersburg, automatic designated by Michalski 1969a: 893.
- Distribution: Asia (Japan/ Siberia, Ussuri in E USSR).
- Hosts: *Populus tremula*.

Notes: (1) Original spelling was *kurenzovi*; corrected here to conform to Dr. Kurenzov's spelling of his own name.

References: (tx) Krivolutskaia 1953; Michalski 1969b: 568; Nobuchi 1955c: 11; Nurnberg 1956d: 208; Schedl 1959r: 42, 1962p: 204.

populi Kurenzov 1941a: 30, 164. Lectotype, sex?; Ussuri, USSR; ISBN, Novosibirsk, USSR, and IZL, Leningrad/St. Petersburg, preoccupied by Hopkins 1915, designated by Michalski 1969a: 893.

References: (hb) Kurenzov 1945b: 113; Stark 1952: 286; Wood, S. L. 1953: 63, 1954a: 993. (ds) Keen 1929c: 29; Kleine 1934a: 147; Nobuchi 1966: 54; Stark 1952: 286; Wood, S. L. 1948: 45, 1951a: 128. (tx) Keen 1929c: 29; Kurenzov 1941a: 30, 163–164, 1945b: 113; Michalski 1969a: 893, 1969b: 567; Nurnberg 1956: 208; Schedl 1959r: 42; Stark 1952: 286; Wood, S. L. 1953: 63, 1954a: 993.

kurenzovi Schedl 1959r: 42. Lectotype, sex?; Ussuri, USSR; ISBN, Novosibirsk, USSR, and IZL, Leningrad/St. Petersburg, preoccupied by Nurnberg 1956, designated by Michalski 1969a: 893.

References: (tx) Michalski 1969a: 893; Schedl 1959r: 42.

niger Stark 1936e: 152. Lectotype, sex?; Far East: Vladivostok, Schkotov; IZL, Leningrad, designated by Michalski 1969a: 893.

Distribution: Asia (Siberia in E USSR).

Hosts: *Salix* sp.

References: (cc) Kurenzov 1934a: 50. (hb) Kurenzov 1935a: 19, 30, 1945b: 113; Stark 1952: 282. (ds) Kurenzov 1934a: 50, 1935a: 19, 30; Stark 1936e: 152, 1952: 282. (tx) Kurenzov 1941a: 163–164, 1945b: 113; Michalski 1969b: 568, 1970: 542; Pfeffer 1944a: 131; Sokanovskii 1954: 17; Stark 1936e: 152, 1952: 282. (ms) Pfeffer 1944a: 131.

palmi Hansen 1956: 183. Holotype ♂; Sweden: Ostergotland, Uppland, Jamtland; Hansen Collection.

Distribution: Europe (Finland/ Sweden).

Hosts: *Populus tremula*.

Notes: (1) This is probably a synonym of *granulatus*.

References: (hb) Palm 1956: 63. (ds) Hansen, V. 1956: 183; Kangas 1966d: 138; Karppinen 1966: 331; Klefbeck & Sjoberg 1960: 203; Nuorteva 1971: 71; Palm 1956: 63, 1959: 19, 24, 350. (tx) Hansen, V. 1955, 1956: 183.

populi Hopkins 1915b: 37. Holotype ♀; Williams, Arizona [USA]; USNM, Washington.

Figures: Krivolutskaia & Knyanskaya 1970, Nobuchi 1966e: pl. 2.

Distribution: North America (Manitoba, New Brunswick, Saskatchewan in Canada/ Arizona, Colorado, Idaho, Montana, Nevada, Utah in USA).

Hosts: *Populus acuminata*, *P. angustifolia*, *P. tremuloides*, *P. trichocarpa*.

References: (bv) Petty, J. L. 1977. (cn) Doane et al. 1936. (cc) Tomalak, Welch, & Galloway 1989: 11. (hb) Doane et al. 1936; Furniss, M. M. & Johnson 1987: 380; Gast et al. 1989: 384; Harrison 1959: 80; Petty, J. L. 1977; Stewart, D. A., Booth, & Petty 1979; Wood, S. L. 1982b: 553. (ds) Atkinson & Equihua 1985c: 356; Bright 1976d: 109; Chamberlin 1939: 323; Furniss, M. M. & Johnson 1987: 380; Furniss, R. L. & Carolin 1977: 378; Gast et al. 1989: 384; Krivolutskaia & Knyanskaya 1970; Nobuchi 1966c: 414, pl. 2; Wood, S. L. 1972a: 414, 1982b: 553. (tx) Bright 1976d: 109; Chamberlin 1939: 323; Hopkins 1915b: 36–37; Wood, S. L. 1951a: 128, 1954a: 990, 993, 1972a: 414, 1982b: 553. (ms) Stewart, D. A., Booth, & Petty 1979.

rybinskii Reitter 1894a: 72. Syntypes, sex?; Galizien; Tarnow; N11MB, Budapest.

Figures: Grune 1979: 98.

Distribution: Europe (Austria/ Corsica/ Czechoslovakia/ France/ Hungary/ Italy/ Poland/ Spain/ W USSR).

Hosts: *Alnus snatcolens*, *A. viridis*, *Salix silesiaca*.

References: (ay) Klimesch 1914: 218, 237. (bv) Grune 1979: 99. (cn) Nosek 1952b: 100; Nusslin 1913: 291; Rhumbler 1922: 334, 1927: 351; Wachtl 1901: 351. (cc) Kleine 1908c: 187, 1909a: 46, 76, 1944: 70, 1952b: 100, 1959a: 118; Nusslin 1927: 351; Pfeffer 1932a: 19, 1943b: 181; Rybinski 1897: 61. (hb) Formanek 1899; Karpinski & Strawinski 1948: 155; Klimesch 1915: 11; Leugerken 1939: 63, 1954: 84; Nosek 1959a: 118; Nusslin 1913: 291, 1927: 351; Pfeffer 1942a: 15; Rhumbler 1922: 334, 1927: 351; Stark 1952: 283; Wachtl 1901: 351. (ds) Endrodi 1958b; Escherich 1932b; Grune 1979: 99; Hagedorn 1910d: 45; Heyden, Reitter, & Weise 1906: 711; Horion 1951; Karpinski & Strawinski 1948: 155; Kleine 1913a: 35, 1913b: 123, 1934a: 147; Lomnicki 1913b: 148; Lucht 1987: 278; Nurnberg 1928b: 88, 1954: 50; Pfeffer 1930b: 119, 1931b: 73, 1935: 158, 1989a: 84; Pittioni 1943: 176; Reitter 1894a: 72, 1916: 289; Roubal 1941: 264; Schaufuss 1915: 1233; Schedl 1980a: 16, 1981b: 73; Schilsky 1909: 188; Stark 1952: 283; Tredl 1907: 13. (tx) Balachowsky 1949a: 215–216; Endrodi 1957a: 307, 1957b; Fleischer 1927; Formanek 1907: 36; Grune 1979: 98–99; Hagedorn 1910a: 87; Karpinski & Strawinski 1948: 155; Lucht 1987: 278; Michalski 1969a: 893; Nurnberg 1954: 50; Pfeffer 1932b: 19, 1942a: 15, 1955a: 185; Postner 1974: 428; Reitter 1894a: 72, 1913a: 70, 1916: 289; Rhumbler 1922: 334, 1927: 351; Schedl 1934f: 1639, 1980a: 16, 1981b: 73; Schmidt, G. 1980: 26; Sokanovskii 1954: 17; Stark 1952: 283. (ms) Escherich 1932b; Schimitschek 1930b: 407. *corsicus* Eggers 1912b: 113. Holotype, sex?; Mt.

Renoso auf Corsica; Leonhard Collection in HPKE, Eberswalde. Synonymy: Balachowsky 1949a: 216.

References: (ds) Kleine 1913b: 123, 1934a: 147; Sainte-Claire 1914: 472; Sainte-Claire & Mequignon 1938: 446. (tx) Balachowsky 1949a: 216; Eggers 1912b: 113; Portevin 1935: 325; Reitter 1913a: 70; Schedl 1934f: 1639; Wichmann 1912c: 156.

rybinskii salicis Stark 1952: 253. Syntypes, sex?: USSR; IZL, Leningrad, preoccupied by Hopkins 1915.

References: (tx) Stark 1952: 253.

salicis Hopkins 1915b: 36. Holotype ♀; Del Monte, California [USA]; USNM, Washington.

Distribution: North America (California, Oregon, Washington in USA).

Hosts: *Alnus* sp., *Salix* sp.

References: (cn) Doane et al. 1936. (hb) Wood, S. L. 1953: 60, 1954a: 991. (ds) Bright 1976d: 109; Chamberlin 1939: 323, 1955: 131; Furniss, R. L. & Carolin 1977: 378; Keen 1934a: 147; Wood, S. L. 1972a: 414, 1982b: 552. (tx) Bright 1976d: 109; Chamberlin 1939: 323, 1955: 131; Hopkins 1915b: 36; Wood, S. L. 1953: 60, 1954a: 959, 979, 990-991, 1972a: 414, 1982b: 552.

concentralis Hopkins 1915b: 36. Holotype ♂; Easton, Washington [USA]; USNM, Washington. Synonymy: Wood 1954a: 991.

References: (hb) Chamberlin 1939: 324; Wood, S. L. 1953: 60. (ds) Chamberlin 1939: 324; Patterson & Hatch 1945: 152. (tx) Chamberlin 1939: 324; Hopkins 1915b: 36; Wood, S. L. 1953: 60, 1954a: 991.

striatulus (Mannerheim) 1853: 235 (*Cryphalus*).

Holotype, sex?: Kenai Peninsula, Alaska; not in Helsinki Museum, presumably lost.

Figures: Bright 1976d: 202, 209 (adult).

Distribution: North America (Alaska/ Newfoundland, Nova Scotia, Quebec, Yukon in Canada/ Colorado, Idaho, Minnesota, Oregon, Utah in USA).

Hosts: *Alnus crispa*, *A. rugosa*, *Salix scouleriana*.

References: (cn) Felt 1901: 516, 1906: 376, 650, 673; Swaine 1915a: 90. (hb) Chamberlin 1939: 315; Schwarz 1894b: 255; Swaine 1915a: 90; Wood, S. L. 1954a: 996, 1982b: 551. (ds) Blatchley & Leng 1916: 606; Bright 1976d: 109; Chamberlin 1925, 1939: 315; Elias 1955: 39; Furniss, R. L. & Carolin 1977: 378; Gemminger & Harold 1872: 2683; Hagedorn 1910d: 45; Hamilton 1894c: 35; Henshaw 1855: 148; Kleine 1913b: 115, 1914b: 397, 1934a: 142; Lacordaire 1866: 379; Swaine 1909: 92; Wood, S. L. 1982b: 551. (tx) Blatchley & Leng 1916; Bright 1976d: 109, 202, 209; Chamberlin 1939: 315; Eichhoff 1875b: 147; Ferrari 1867a: 17; Hagedorn 1910a: 99; Hopkins 1915b: 33; Lacordaire 1866: 379; LeConte 1865: 177, 1876: 362; Mannerheim 1853: 235; Swaine 1909: 92-93, 1912a: 349, 1915a: 89-90;

Wood, S. L. 1954a: 989-990, 996, 1969c: 115, 1973c: 156, 1982b: 551.

nitidus Swaine 1912a: 349. Lectotype, sex?: Weymouth, Nova Scotia [Canada]; CNCI, Ottawa, designated by Bright 1967b: 679. Synonymy: Wood 1969c: 115.

References: (cn) Swaine 1915a: 90. (hb) Chamberlin 1939: 323, 1955: 131; Swaine 1915a: 90; Wood, S. L. 1953: 57, 1954a: 990. (ds) Beaulieu 1956; Blatchley & Leng 1916: 605; Chamberlin 1939: 323, 1955: 131; Dodge 1953; Kleine 1913b: 123, 1914b: 399, 1934a: 147; Wood, S. L. 1972a: 414. (tx) Blatchley & Leng 1916: 605; Bright 1967b: 679; Chamberlin 1939: 323, 1955: 131; Dodge 1938: 16, 39-40; Hoebeke 1975; de Ruelle 1970: 114; Swaine 1912a: 349-350, 1915a: 90; Wood, S. L. 1953: 57, 1954a: 959, 990, 1969c: 115, 1972a: 414, 1973c: 156.

punctipennis Hopkins 1915b: 37. Holotype ♀; Alta, Utah [USA]; USNM, Washington. Synonymy: Wood 1954a: 990.

References: (hb) Chamberlin 1939: 323; Wood, S. L. 1953: 55. (ds) Chamberlin 1939: 323; Wood, S. L. 1948: 44, 1951a: 125. (tx) Chamberlin 1939: 323; Hopkins 1915b: 36-37; Wood, S. L. 1951a: 126, 1953: 55, 1954a: 990.

thatcheri (Wood) 1954a: 990, 994 (*Cryphalus*). Holotype ♀; 2 miles NW Blue Lake, Lassen County, California [USA]; SMUK, Lawrence.

Distribution: North America (British Columbia in Canada/ California, N Idaho, Oregon in USA).

Hosts: *Populus tremuloides*, *P. trichocarpa*.

References: (hb) Bright & Stark 1973: 66; Wood, S. L. 1953: 66, 1954a: 994. (ds) Bright 1976d: 110; Bright & Stark 1973: 66; Furniss, R. L. & Carolin 1977: 359; Wood, S. L. 1982b: 554. (tx) Bright 1976d: 110; de Ruelle 1970: 100; Wood, S. L. 1953: 66, 1954a: 990, 994, 1982b: 554.

tremulae Stark 1952: 257. Lectotype, sex?: Crimea, USSR; IZL, Leningrad, designated by Michalski 1969a: 593.

Distribution: Europe (Crimea in W USSR).

Hosts: *Populus tremula*.

Notes: (3) Sokanovskii 1954: 17 (treated as a synonym of *granulatus*).

References: (bv) Grune 1979: 101. (hb) Stark 1952: 257. (ds) Grune 1979: 101; Pfeffer 1959a: 55; Postner 1974: 428; Stark 1952: 259. (tx) Grune 1979: 101; Michalski 1969b: 565, 1969a: 593; Pfeffer 1955a: 158; Postner 1974: 428; Sokanovskii 1954: 17; Stark 1952: 257.

Genus *Procryphalus* Hopkins

PROCRYPHALUS HOPKINS 1915b: 7, 33. Type-species:

Procryphalus populi Hopkins, original designation.

Keys: Hopkins 1915b: 33, Wood 1954a: 982, 1982b: 559 for North America.

References: (hb) Bright & Stark 1973: 67; Wood,

S. L. 1956a: 59. **(ds)** Bright & Stark 1973: 67; Wood, S. L. 1952b: 559, 1956a: 59. **(tx)** Arnett 1960: 1043, 1965: 1043; Balachowsky 1949a: 201; Bright 1976d: 111; Hopkins 1915b: 7, 33–34; Swaine 1915a: 45, 90; Wood, S. L. 1954a: 951, 1952b: 559, 1956a: 59.

fraxini (Berger) 1916: 235 (*Ernoporus*). Lectotype, sex?, Ussuri, USSR; IZL, Leningrad, designated by Michalski 1969a: S92.

Figures: Tsai & Li 1959: 92.

Distribution: Asia (Heilongjiang, Jilin in China/ Ussuri in E. USSR).

Hosts: *Fraxinus manshurica*.

References: **(cn)** Kurenzov 1935c: 189, 1951c: 79. **(ce)** Kurenzov 1934a: 50, 1951d: 24. **(hb)** Kurenzov 1935a: 19, 33, 1945b: 125, 1951d: 24; Stark 1952: 273. **(ds)** Klein 1934a: 147; Kurenzov 1934a: 50, 1935a: 19, 33, 1935c: 189, 1936a: 110, 1936b: 350, 1935a: 59, 1940: 77; Stark 1952: 273; Yin, Huang, & Li 1954: 115. **(tx)** Berger 1916: 235; Kurenzov 1941a: 156, 1945b: 125; Michalski 1969a: S92; Schedl 1934f: 1639, 1962r: 91; Stark 1952: 273; Tsai & Li 1959: 92.

micronatus (LeConte) 1879: 518 (*Cryphalus*). Holotype ♀; LaVeta Pass, Colorado [USA]; MCZ, Cambridge.

Figures: Kusch 1967: 10.

Distribution: North America (Alaska/ Alberta, British Columbia in Canada/ Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah in USA).

Hosts: *Populus tremuloides*.

References: **(bv)** Petty, J. L. 1977. **(hb)** Chamberlin 1939: 322, 1955: 136; Furniss, M. M. & Johnson 1957: 379; Gast et al. 1959: 384; Petty, J. L. 1977; Wood, S. L. 1953: 46, 1954a: 954, 1952b: 559. **(ds)** Bright 1976d: 111; Chamberlin 1939: 322, 1955: 136; Furniss, M. M. & Johnson 1957: 379; Furniss, R. L. & Carolin 1977: 377; Gast et al. 1959: 384; Hagedorn 1910d: 44; Henshaw 1882: 269, 1885: 145; Kleine 1913b: 115; Kusch 1967; Schwarz 1886: 42; Swaine 1909: 92; Wickham 1896a: 309; Wood, S. L. 1972a: 414. **(tx)** Bright 1976d: 111; Chamberlin 1939: 322, 1955: 136; Hagedorn 1910a: 57; Hopkins 1915b: 33; Kusch 1967: 10; LeConte 1879: 518; Schwarz 1886: 42; Swaine 1909: 92; Wood, S. L. 1953: 46, 1954a: 959, 984, 1952b: 559.

idahoensis Hopkins 1915b: 34. Holotype ♀; Beaver Canyon, Idaho [USA]; USNM, Washington. Synonymy: Wood 1954a: 985.

References: **(hb)** Chamberlin 1939: 321. **(ds)** Chamberlin 1939: 321. **(tx)** Chamberlin 1939: 321; Hopkins 1915b: 33–34; Wood, S. L. 1954a: 959, 984.

populi Hopkins 1915b: 34. Holotype ♂; Tercio, Colorado [USA]; USNM, Washington. Synonymy: Wood 1954a: 985.

References: **(cn)** Doane et al. 1936. **(hb)**

Chamberlin 1939: 321; Doane et al. 1936. **(ds)** Chamberlin 1939: 321; Keen 1929c: 29; Kleine 1934a: 145; Wood, S. L. 1945: 42, 1951a: 125. **(tx)** Balachowsky 1949a: 201; Chamberlin 1939: 321; Hopkins 1915b: 33–34; Keen 1929: 29; Wood, S. L. 1951a: 128, 1954a: 959, 982–984.

utahensis Hopkins 1915b: 33. Holotype ♀; Alta, Utah [USA]; USNM, Washington.

Figures: Bright 1976d: 202, 209 (adult).

Distribution: North America (Alaska/ British Columbia, Quebec in Canada/ California, Idaho, Oregon, South Dakota, Utah in USA).

Hosts: *Salix scouleriana*, *S.* sp.

Notes: Hopkins 1915b: 33 (reported from *Acer macrophyllum*, an error); breeds only in *Salix*.

References: **(hb)** Bright & Stark 1973: 67; Chamberlin 1939: 321, 1955: 136; Wood, S. L. 1953: 44, 1954a: 953. **(ds)** Bright 1976d: 111; Bright & Stark 1973: 67; Chamberlin 1939: 321, 1955: 136; Furniss, R. L. & Carolin 1977: 375; Keen 1929c: 29; Wood, S. L. 1951a: 128, 1972a: 414, 1952b: 559. **(tx)** Bright 1976d: 111, 202, 209; Chamberlin 1939: 321, 1955: 136; Hopkins 1915b: 33; Keen 1929c: 29; Wood, S. L. 1951a: 125, 1953: 44, 1954a: 959, 979, 983, 1972a: 414, 1979a: 22, 1952b: 559. *salicis* Hopkins 1915b: 33. Holotype ♀; Black Hills, South Dakota [USA]; USNM, Washington. Synonymy: Wood 1954a: 983.

References: **(cn)** Doane et al. 1936. **(hb)** Chamberlin 1939: 321; Doane et al. 1936. **(ds)** Chamberlin 1939: 321. **(tx)** Chamberlin 1939: 321; Hopkins 1915b: 33; Wood, S. L. 1954a: 983. *aceris* Hopkins 1915b: 33. Holotype ♀; Albany, Oregon [USA]; USNM, Washington. Synonymy: Wood 1975a: 22.

References: **(cn)** Doane et al. 1936. **(hb)** Chamberlin 1939: 321, 1955: 136; Doane et al. 1936; Wood, S. L. 1953: 42, 1954a: 982. **(ds)** Chamberlin 1917: 355, 1939: 321, 1955: 136; Keen 1929c: 29; Kleine 1934a: 145; Wood, S. L. 1972a: 414. **(tx)** Chamberlin 1939: 321, 1955: 136; Hopkins 1915b: 33; Keen 1929c: 29; Wood, S. L. 1953: 42, 1954a: 979, 982, 1972a: 414, 1975a: 22.

Genus *Ernoporicus* Berger

ERNOPORICUS BERGER 1917: 242. Type-species: *Ernoporicus spessitzzevi* Berger, monobasic.

Eocryphalus Kurenzov 1941a: 161, 230. Type-species: *Eocryphalus semenovii* Kurenzov, monobasic. Synonymy: Schedl 1962r: 93.

References: **(tx)** Krivolutskaia 1955: 148; Kurenzov 1941a: 161, 230; Schedl 1962r: 93–94.

Ernopocenus Balachowsky 1949a: 211. Type-species: *Ernoporus caucasicus* Lindemann, subsequent designation by Wood 1954a: 986. Synonymy: Wood 1980c: 93.

References: **(tx)** Balachowsky 1949a: 211;

- Numberg 1955: 485; Schedl 1958k: 142, 1962r: 90; Wood, S. L. 1954a: 980.
- Keys: Balachowsky 1949a: 211, Reitter 1913a: 68, Stark 1952: 271 for Asia and Europe.
- Notes: (3) Kurenzov specimens of *Hypothenemus corni* deposited in the Wood Collection are of *Ernoporicus*.
- References: (ay) Nobuchi 1969a: 57, (hb) Wood, S. L. 1952b: 558, 1956a: 89, (ds) Wood, S. L. 1952b: 558, 1956a: 89, (tx) Arnett 1960: 1043, 1965: 1043; Balachowsky 1949a: 201, 211–213; Berger 1917: 242; Kurenzov 1941a: 161–162, 231; Numberg 1955: 485; Pfeffer 1989a: 82; Schedl 1960e: 104, 1962r: 95, 1981b: 75; Sokanovskii 1959: 277; Wood, S. L. 1952b: 558, 1956a: 89.
- africanus** Schedl 1977c: 396 (*Stephanorhopalus*). Holotype, sex?, Sudafrica: Natal; Schedl Collection in NHMW, Wien.
- Distribution: Africa (Natal in South Africa).
- Notes: (1) Wood 1953 (notes, p. 13, to *Ernoporicus*, type examined).
- References: (tx) Schedl 1977c: 396.
- alniphagus** Nobuchi 1975: 43. Holotype, sex?, Konseitoge, Gumma pref., Japan; Nobuchi Collection, Iwabaki.
- Figures: Nobuchi 1975: pl. 1, fig. 3.
- Distribution: Asia (Japan).
- Hosts: *Alnus hirsutus*.
- References: (tx) Nobuchi 1975: 43.
- ater** Nobuchi 1975: 43. Holotype, sex?, Sogoya, Chichibu, Saitama pref., Japan; Nobuchi Collection, Iwabaki.
- Figures: Nobuchi 1975: pl. 1, fig. 2.
- Distribution: Asia (Japan).
- Hosts: *Pterocarya rhoifolia*.
- References: (tx) Nobuchi 1975: 42–43.
- capucinus** (Schedl) 1971a: 283 (*Cryphalops*). Holotype, sex?, Central Prov.: Hantane Estate, Kandy; Schedl Collection in NHMW, Wien.
- Distribution: Asia (Sri Lanka).
- References: (tx) Schedl 1971a: 283, 1979c: 52.
- caucasicus** (Lindemann) 1875c: 373 (*Ernoporus*). Syntypes, sex?, Piatigorsk, nordlichen Kaukasus; not located.
- Figures: Grune 1979: 108, Pfeffer 1989a: pl. 6.
- Distribution: Asia (Turkey/ E USSR), Europe (Austria/ Belgium/ Czechoslovakia/ Denmark/ England/ France/ Germany/ Greece/ Hungary/ Italy/ Poland/ Spain/ Sweden/ W USSR).
- Hosts: *Tilia intermedia*, *T. parvifolia*, *T. rubra*, *T. tomentosa*, rare in *Hibiscus syriacus*, *Ulmus montana*.
- Notes: (1) Balachowsky 1949a: 209 (to *Ernoporicus*).
- References: (bv) Grune 1979: 109, (cn) Koppen 1882: 252; Nusslin 1913: 291; Pierce, W. D. 1917: 141; Rlumblers 1922: 334, 1927: 350; Wachtl 1901: 351, (ec) Kleine 1908c: 185; Nosek 1959a: 118, 1959b: 87; Nusslin 1927: 350, (hb) Fuchs 1904a; Gyorfı 1957; Karpinski & Strawinski 1948: 155; Lengerken 1939: 63, 1954: 83; Nosek 1959a: 118, 1959b: 87; Nusslin 1913: 291, 1927: 350; Pfeffer 1942a: 15; Postner 1974: 431; Rlumblers 1922: 334, 1927: 350; Stark 1952: 276; Vinogradov-Nikitin 1911: 1472–1477; Wachtl 1901: 351; Wichmann 1910b: 210, (ds) Allen, A. A. 1970; Bakke 1963a; Bedel 1858b: 395, 413; Bejer-Petersen & Jorım 1977: 23; Borchert 1951; Brakman 1966b: 206; Endrodi 1958b; Ermisch 1953; Escherich 1932b; Fuchs 1904a; Grune 1979: 109; Hagedorn 1904e, 1910d: 41; Hansen, V. 1939, 1956, 1964: 462; Hellen 1947; Heyden, Reitter, & Weise 1883: 182, 1891: 671, 1906: 711; Florim 1951; Karpinski & Strawinski 1948: 155; Klefbeck & Sjöberg 1960: 230; Kleine 1912a: 303, 1913a: 34, 1934a: 147; Koppen 1882: 252; Leclercq 1971; Lomnicki 1913b: 148; Lovendal 1890c: 210; Lucht 1957: 278; Mahler 1957: 232; Numberg 1928b: 88, 106, 1954: 54; Palm 1959: 29, 130, 1960: 350; Pfeffer 1924b: 471, 1931b: 74, 1935: 160, 1989a: 83; Pierce, W. D. 1917: 141; Pittioni 1943: 175; Pjatnitskii 1930a: 165; Postner 1974: 431; Reitter 1894a: 71, 1916: 289; Roubal 1935b: 72, 1941: 264; Sainte-Claire & Mequignon 1935: 445; Schanfuss 1915: 1232; Schedl 1961b: 187, 1980a: 15, 1981b: 75; Schilsky 1909: 188; Stark 1927b: 88, 1952: 276; Tredl 1907: 12; West 1983: 184; Wichmann 1910b: 210, 1927a: 66; Winter, T. G. 1983: 11, (tx) Allen, A. A. 1970: 246; Bakke 1964: 121; Balachowsky 1949a: 211–212; Bedel 1857: 191, 1888b: 398, 414; Eggers 1923b: 137; Endrodi 1957a: 307, 1957b; Fleischer 1927; Formanek 1907: 35; Grune 1979: 108–109; Hagedorn 1910a: 85; Hansen, V. 1956, 1964: 462; Karpinski & Strawinski 1948: 155; Kulnt 1913: 1055; Lindemann 1875c: 321; Lovendal 1890c: 210, 1898: 128; Lucht 1957: 278; Numberg 1954: 54; Pfeffer 1932b: 18, 1942a: 18, 1955a: 181, 1989a: pl. 6; Pjatnitskii 1932: 295–302; Postner 1974: 431; Reitter 1894a: 71, 1913a: 68–69, 1916: 289; Rlumblers 1922: 334, 1927: 350; Schedl 1934f: 1639, 1958k: 142, 1962r: 90, 1980a: 15, 1981b: 75; Semenov 1902: 271; Spessivtsev 1922a: 473, 491, 1931: 50; Stark 1952: 276; Wood, S. L. 1954a: 986, (ms) Eggers 1910b; Escherich 1932b.
- schreineri** Eichhoff 1881a: 185 (*Cryphalus*). Syntypes, sex?, Hinterpommern: Hamburg Museum, lost. Synonymy: Bedel 1857: 191, Eggers 1923b: 137.
- References: (hb) Dombrowsky 1857; Eichhoff 1881a: 46, 185; Hagedorn 1903a; Henschel 1895a: 168, (ds) Barthe 1896; Grill 1895: 310; Hagedorn 1903a, 1910d: 45; Henschel 1895a: 168; Heyden, Reitter, & Weise 1883: 182, 1891: 671; Kleine 1913a: 85, 1934a: 147; Lovendal 1890c: 210; Pfeffer 1935: 160; Schilsky 1909: 188; Seidlitz 1891a: 562, 1891b: 608, (tx) Balachowsky 1949a: 213; Bedel 1857: 191; Dombrowsky 1857; Eggers 1923b: 137; Eichhoff 1881a: 46, 185, 1883a: 109, 133;

Fauvel 1857, 1859; Hagedorn 1910a: 58; Henschel 1895a: 168; Hopkins 1915b: 35; Lovendal 1890c: 210; Schedl 1934f: 1639, 1979c: 222; Seidlitz 1891a: 562, 1891b: 608. (ms) Eggers 1910a, 1910b.

ceylonicus (Schedl) 1959a: 475 (*Ptilopodius*). Syn-types 2, sex[?]; Ceylon: Sabargamiva, Millawitiya Estate; Schedl Collection in NHMW, Wien.
Distribution: Asia (Sri Lanka).
References: (tx) Schedl 1959a: 475, 1979c: 56.

eximius (Schedl) 1942d: 9 (*Erischidius*). Holotype, sex[?]; Ost-Java; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Java).
Notes: (3) Schedl 1963i: 64 (cited in *Ernoporus*).
References: (tx) Schedl 1942d: 9, 1963i: 64, 1979c: 93.

fagi (Fabricius) 1798: 157 (*Apate*). Holotype, sex[?]; Saxoniae; UZMC, Copenhagen, missing from its pin, apparently lost.

Figures: Postner 1974: 431 (adult), Pfeffer 1989a, pl. 6.

Distribution: Asia (Turkey), Europe (Austria/ Belgium/ Bulgaria/ Czechoslovakia/ Denmark/ England/ France/ Germany/ Greece/ Hungary/ N Italy/ Netherlands/ Norway/ Poland/ Romania/ Sweden/ Switzerland/ W USSR/ Yugoslavia).

Hosts: *Fagus orientalis*, *F. sylvatica*, less common in *Betula* spp., *Carpinus betulus*, *Quercus cerris*.

References: (ay) Burrini et al. 1988; Escherich 1923b: 482, 510; Reichenbach-Klinke 1953: 338. (bv) Grune 1979: 109. (cn) Barbey 1925: 508; Chorbadzhievo 1929; Escherich 1923b: 482, 510; Georgescu et al. 1957: 357, 407; Gradojevic 1940; Grandi 1951; Koppen 1882: 252; Kovacevic 1924: 21–22; Marcu 1926c: 64; Nosek 1951: 107, 1952b: 98; Nusslin 1913: 291; Pierce, W. D. 1917: 40; Puecher Passavalli 1931b: 657; Rhumbler 1922: 334, 1927: 350; Schimitschek 1937c: 52, 1955a: 139, 1955c: 83; Schwerdtfeger 1944a: 174, 1957a: 182; Wachtl 1901: 381; Wichmann 1927b: 361. (ce) Apel 1983; Balazy & Michalski 1964b; Benick 1952; Cooreman 1963: 45; Elliot & Morley 1907; Gillanders 1906; Hirschmann 1960, 1971a, 1971b; Hirschmann & Wisniewski 1982, 1983; Kleine 1908c: 185, 1909a: 46, 77, 1944: 73; Michalski & Ratajczak 1989; Nosek 1951: 107, 1952b: 98, 1959b: 87; Novak, P. 1952: 414; Nusslin 1927: 350; Pfeffer 1923a: 331, 1928b: 9; Ratzelburg 1869a: 176; Rondani 1873: 146; Ruhm 1956b: 4; Schimitschek 1930a: 281, 1955a: 139; Schwerdtfeger 1944a: 174, 1957a: 182; Sedlacek 1915a: 45; Wanka 1920: 202–203; Westerboer 1963: 349. (hb) Altun 1881c: 322; Apel 1983; Bach 1864; Barbey 1901: 23, 73, 1925: 508; Boffa 1961; Buddenberg 1885: 97; Cecconi 1906, 1924; Chorbadzhievo 1929; Dallimore & Munro 1922; Dombrowsky 1887; Eichhoff 1881a: 46, 184; Escherich 1923b: 482, 510; Everts 1903: 756; Fuchs 1904a; Gillanders 1906, 1908; Grandi 1951;

Gyorfi 1957; Hagedorn 1903a; Henschel 1895a: 167; Karpinski & Strawinski 1948: 155; Karsch 1883: 142; Kemmer 1919: 176; Knotek 1894a: 558; Lenggerken 1939: 63, 1954: 83; Masutti 1964; Munro 1926: 62; Nordlinger 1856: 26; Nosek 1959b: 87; Numberg 1929: 105; Nusslin 1898: 280, 1906b: 14, 1913: 291, 1927: 350; Palm 1954a: 184; Pfeffer 1942a: 6; Postner 1974: 431; Rhumbler 1922: 334, 1927: 350; Schedl 1981b: 75; Schimitschek 1930a: 251, 1955a: 139; Schwerdtfeger 1944a: 174, 1957a: 182, 1981: 188; Stark 1952: 276; Tschorbadjiev 1929: 166; Wachtl 1876a: 458, 1901: 381; Wichmann 1927b: 361. (ds) Aclouque 1896; Andras & Schaefer 1957; Bangsholt 1975: 95; Barthe 1896; Bar 1888; Bejer-Petersen & Jomn 1977: 24; Bennett 1902, 1902b: 76; Blanchiere & Robert 1889; Borchert 1951; Brakman 1966b: 206; Brancsik 1906; Buck 1955b: 191; Buresh & Lazarov 1956; Calwer 1884, 1893; Cecconi 1897, 1906; Chapuis & Candeze 1853; Chorbadzhievo 1924d, 1929; Crotch 1863; Dallimore & Munro 1922: 189–193; Dejean 1821, 1825, 1837; Duftschmidt 1825; Eggers 1904; Endrodi 1958a, 1958b; Ericson & Sandin 1893; Escherich 1923b: 482, 510, 1932b; Everts 1922: 642; Fleischer 1888; Fowler 1891; Fricken 1889: 343; Fuchs 1904a, 1905a; Ganbil 1849: 126; Gemming & Harold 1872: 2652–2653; Gorham 1860; Cozis 1875: 80; Grill 1895: 310; Hagedorn 1910d: 42; Hansen, V. 1939, 1956, 1964: 462; Hellen 1947; Henschel 1895a: 167; Heyden 1879: 140; Heyden, Reitter, & Weise 1883: 182, 1891: 671, 1906: 711; Holdhaus & Deubel 1910: 145; Horion 1951; Juzentkovsky 1912: 288; Kaltenbach 1874: 624; Karpinski 1948b: 230; Karpinski & Strawinski 1948: 155; Kemmer 1919: 176; Kersten 1933: 74; Klefbeck & Sjoberg 1960: 230; Kleine 1912a: 263, 267, 1913a: 34, 1934a: 147; Kloft & Hinks 1945: 218; Knotek 1892a: 37, 1894a: 558; Koltze 1901: 153; Koppen 1882: 252; Kozikowsky 1921: 190; Kraatz 1869: 59; Kurir 1947c: 31; Lacordaire 1866: 379; Leclercq 1971; Lonnicki 1913b: 148; Lucht 1987: 278; Lundberg 1988; Mahler 1987: 232; Marcu 1926c: 64; Matthews & Fowler 1883: 42; Munro 1920a: 257; Negrn 1966b: 401, 1968a: 456; Nosek 1952: 414; Novak, P. 1952: 414, 1964; Numberg 1928b: 88, 1954: 54, 1960b: 156; Nusslin 1898: 280; Orest 1926c: 64; Palm 1959: 32, 130, 1960: 350; Perris 1876a: 254, 1877a: 414; Pfeffer 1924b: 472, 1928b: 9, 1931b: 74, 1950b: 76, 1989a: 83; Pierce, W. D. 1917: 40; Pittioni 1943: 175; Postner 1974: 431; Prossen 1913: 83; Rapp 1934: 728; Redtenbacher 1874: 376; Reitter 1869b: 154, 1894a: 71, 1911: 69, 1916: 289; Roubal 1941: 264; Schanfuss 1915: 1232; Schann 1859: 96, 1862: 101; Schedl 1971b: 530, 1980a: 15, 1981b: 75; Schilsky 1909: 188; Schiodte 1873: 102; Schwerdtfeger 1981: 188; Seidlitz 1872: 394, 1891a: 562, 1891b: 608; Sharp & Fowler 1893: 34; Stark 1952: 276; Stein 1868:

114; Stein & Weise 1877: 164; Stierlin 1898: 439; Stierlin & Gantard 1871: 292; Sturm 1826: 102; Thomson 1865: 360, 1868: 220; Tredl 1907: 12; Tschorbadjiev 1929: 166; Wachtl 1876a: 458; West 1938: 184; Westhoff 1852: 238; Wichmann 1927a: 66; Winter, T. G. 1983: 11. (**tx**) Aeloque 1896; Allen, A. A. 1970; Apel 1983; Bach 1854, 1864; Balachowsky 1949a: 211; Barbey 1901: 23, 73; Belfa 1961; Bertolini 1872; Chapuis & Candèze 1853; Chorbadzhevo 1924d; Dejean 1821, 1825; Doebner 1860, 1868: 368; Dombrowsky 1887; Duftschmidt 1825; Eggers 1911a, 1929c, 1939b: 5; Eichhoff 1864: 35, 1868d: 422, 1876a: 378, 1878b: 132, 1881a: 46, 184, 1883a: 109, 133; Endrodi 1957b; Erichson 1836: 62; Escherich 1923b: 482, 510; Everts 1903: 756, 1922: 642; Fabricius 1798: 157, 1801: 383; Fairmaire 1864: 159; Fauvel 1887; Ferrari 1867a: 11, 13, 15, 1867b: 114, 1868: 255–256; Fleischer 1905, 1927; Formanek 1907: 35; Fricken 1889: 343; Gebien 1907: 197; Gillanders 1908; Grune 1979: 109; Hagedorn 1910a: 86; Hansen, V. 1956, 1964: 462; Henschel 1895a: 167; Hopkins 1915b: 35, 1915c: 221; Houlbert 1922a:pl. 1; Jacquelin du Val & Fairmaire 1868: 104; Karpinski & Strawinski 1948: 155; Knotek 1892a: 37; Lacordaire 1866: 379; Letzner 1891: 375; Lindemann 1875c: 321; Lovendal 1889b: 52, 1898: 126; Lucht 1987: 2781; Lundberg 1988; Negrú 1966b: 401; Nordlinger 1847: 21, 1848: 242, 1856: 26; Numborg 1954: 54; Perris 1877a: 414; Pfeiffer 1932b: 18, 1942a: 6, 1955a: 181, 1989:pl. 6; Portevin 1935: 325; Quaschik 1953: 35; Redtenbacher 1849a: 851, 1849b: 26, 1874: 387; Reitter 1894a: 71, 1913a: 69, 1916: 289; Rhumbler 1922: 334, 1927: 350; Schedl 1934f: 1639, 1952f: 87, 1958k: 142, 1962r: 90, 1980a: 15, 1981b: 75; Schimitschek 1937c: 52, 1955c: 83; Schwerdtfeger 1981: 188; Seidlitz 1872: 394, 1891a: 562, 1891b: 608; Spessittsev 1922a: 472, 491, 1925a: 174, 1931: 47, 50; Stark 1952: 276; Stierlin 1898: 439; Thomson 1865: 360, 1868: 220. (**ms**) Eichhoff 1868d: 422; Escherich 1932b.

serratus Panzer 1795a: 288 (*Bostrichus*). Syn-types, sex?; Germania; Panzer Collection, lost. Synonymy: Eggers 1911a: 73.

References: (**hb**) Wachtl 1876a: 458. (**ds**) Beck 1817; Calwer 1884; Hagedorn 1910d: 116; Kleine 1913b: 169; Sainte-Claire & Mequignon 1938: 445; Wachtl 1876a: 458. (**tx**) Balachowsky 1949a: 211; Bechstein et al. 1805: 104; Eggers 1911a: 73; Hagedorn 1910a; Panzer 1795a: 288.

thomsoni Ferrari 1867a: 14 (*Eruoporus*). Syn-types, sex?; Europa; presumably NHMW, Wien, not found. Synonymy: Ferrari 1868: 255. References: (**ds**) Bedel 1888b: 398, 414; Heyden 1876: 299; Kraatz 1869: 59; Stein & Weise 1877: 164. (**tx**) Balachowsky 1949a: 211; Bedel 1888b: 394, 414; Dallimore 1868:

Doebner 1868: 368; Eichhoff 1868d: 422, 1876a: 378–379; Ferrari 1867a: 12, 14, 1867b: 114, 1868: 255; Letzner 1891: 375.

kanachae (Hopkins) 1915b: 35 (*Eruoporus*). Holotype ♂; Kanawah Station [Wood Co., West Virginia]; USNM, Washington.

Distribution: North America (Wood County, West Virginia in USA).

Notes: (1) Wood 1954a: 987, 1982b: 858 (re-described).

References: (**hb**) Chamberlin 1939: 317; Wood, S. L. 1953: 51, 1954a: 987. (**ds**) Blatchley & Leng 1916: 605; Chamberlin 1939: 317; Wood, S. L. 1982b: 858. (**tx**) Blatchley & Leng 1916: 605; Chamberlin 1939: 317; Hopkins 1915b: 35; Schedl 1962r: 90; Wood, S. L. 1953: 51, 1954a: 986–987, 1982b: 858.

longus (Eggers) 1926b: 136 (*Eruoporus*). Lectotype, sex?; Tomakomai, Japan; USNM, Washington, designated by Anderson & Anderson 1971: 18. Distribution: Asia (Hokkaido in Japan/Kamchatka, Siberia in E USSR).

Hosts: *Alnus fruticosa*, *A. kamschatica*, *A. maximowitzi*.

References: (**cn**) Kurenzov 1935c: 188. (**cc**) Kurenzov 1934a: 54. (**hb**) Kurenzov 1935a: 20, 34, 1948b: 115; Kurenzov & Kononov 1961: 600; Stark 1952: 275. (**ds**) Kurenzov 1934a: 54, 1935a: 20, 34, 1935c: 188, 1936b: 351, 1938a: 64, 1951b: 17, 1965, 1967; Kurenzov & Kononov 1961: 595–600; Stark 1952: 275. (**tx**) Anderson, W. H. & Anderson 1971: 18; Eggers 1926b: 136; Krivolitskaya 1955: Kurenzov 1941a: 158, 1948b: 115; Nobuchi 1985c: 11; Schedl 1934f: 1639, 1979e: 142; Sokanovskii 1954: 17; Stark 1952: 275.

semenovi (Kurenzov) 1941a: 231 (*Eocryphalus*). Lectotype, sex?; mountainous fir and broad-leaved woods in the upper course of the river Suputinka (Ussuri Region); ISBN, Novosibirsk, USSR, and IZL, Leningrad/St. Petersburg, designated by Michalski 1969a: 892.

Distribution: Asia (Sakhalin Island, Ussuri in E USSR).

Hosts: *Kalopanax ricinifolium*.

References: (**hb**) Krivolitskaya 1973: 137; Kurenzov 1948b: 125; Stark 1952: 279. (**ds**) Krivolitskaya 1965a: 235, 1973: 137; Stark 1952: 279. (**tx**) Krivolitskaya 1958: 148; Kurenzov 1941a: 161, 231, 1948b: 125; Michalski 1969a: 892, 1969b: 567; Stark 1952: 279.

spessittzeri Berger 1916: 243. Holotype, sex?; Sedanka, Ussuri, USSR; IZL, Leningrad.

Distribution: Asia (Ussuri in E USSR).

Hosts: *Fraxinus mandschurica*.

References: (**cn**) Kurenzov 1935c: 193, 1951c: 79. (**cc**) Kurenzov 1934a: 51, 1951d: 24. (**hb**) Krivolitskaya 1973: 136; Kurenzov 1948b: 128, 1951d: 24; Stark 1952: 277. (**ds**) Kleine 1934a: 147; Krivolitskaya 1965a: 235, 1973: 136; Kurenzov

1934a: 51, 1935c: 193, 1936a: 110, 1936b: 350; Stark 1952: 277. (tx) Balachowsky 1949a: 201; Berger 1916: 243; Kurenzov 1941a: 160–161, 1948b: 125; Michalski 1969a: 892, 1969b: 567; Schedl 1934f: 1639; Stark 1952: 277.

takahashii Nobuchi 1975: 43. Holotype, sex?; Mt. Daisetsu, Hokkaido, Japan; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1975: pl. 1, fig. 4.
Distribution: Asia (Hokkaido in Japan).
Hosts: *Sorbus commixta*.
References: (tx) Nobuchi 1975: 43–44.

zachvatkini (Krivolutskaya) 1955: 149 (*Eocryphalus*). Holotype, sex?; Sakhalin Island, S. Uglegorsk region, near mouth of Kotan River, USSR; IZM, Moscow.
Distribution: Asia (Sakhalin Island in E USSR).
References: (hb) Krivolutskaya 1973: 137. (ds) Krivolutskaya 1973: 137. (tx) Krivolutskaya 1955: 149; Schedl 1962r: 93–94.

Genus *Allernoporus* Kurenzov

ALLERNOPORUS KURENZOV 1941a: 159. Type-species: *Allernoporus euonymi* Kurenzov, monobasic.

Notes: (3) When more thorough studies are made, it is probable that this genus will become a synonym of *Ernoporiscus*.

References: (hb) Wood, S. L. 1956a: 89. (ds) Wood, S. L. 1956a: 89. (tx) Kurenzov 1941a: 159–160; Schedl 1962r: 93–94; Wood, S. L. 1956a: 89.

euonymi Kurenzov 1941a: 159, 230. Lectotype, sex?; mountainous woods in South of Soviet Far East; ISBN, Novosibirsk, USSR, and IZL, Leningrad/St. Petersburg, Michalski 1969a: 892.
Distribution: Asia (Sakhalin Island, Siberia in E USSR).
Hosts: *Euonymus* sp.

References: (hb) Kurenzov 1948b: 123; Stark 1952: 275. (ds) Krivolutskaya 1953: Stark 1952: 275. (tx) Krivolutskaya 1955: 140; Kurenzov 1941a: 159, 230, 1948b: 123; Michalski 1969a: 892, 1969b: 567; Schedl 1962r: 92–94; Stark 1952: 275.

Genus *Stegomerus* Wood

STEGOMERUS WOOD 1967c: 129. Type-species: *Stegomerus vulgaris* Wood, original designation.

Keys: Wood 1967c: 130, 1982b: 555.
References: (hb) Wood, S. L. 1986a: 90. (ds) Wood, S. L. 1986a: 90. (tx) Wood, S. L. 1967c: 129, 1982b: 554–555, 1986a: 90.

chiriquensis Wood 1967c: 131. Holotype ♂; Cerro Punta, Chiriqui, Panama; Wood Collection.
Distribution: North America (Panama).
Hosts: *Canavalia villosa*.
References: (tx) Wood, S. L. 1967c: 131, 1982b: 556.

mexicanus Wood 1967c: 133. Holotype ♂; 21 km W Morelia, Michoacan, Mexico; Wood Collection.
Figures: Atkinson & Equilma 1958: 101 (adult).

Distribution: North America (Michoacan, Puebla in Mexico).

Hosts: *Serjania* sp.
References: (ds) Atkinson & Equilma 1955c: 356, 1958: 101. (tx) Atkinson & Equilma 1958: 101; Wood, S. L. 1967c: 133, 1982b: 557.

mirandus Wood 1971: 32. Holotype ♀; El Laurel Experimental Farm, 12 km SW Caracas, Miranda, Venezuela; Wood Collection.
Distribution: South America (Venezuela).
Hosts: Vine (creeper).
References: (tx) Wood, S. L. 1971: 32–33.

montanus Wood 1967c: 132. Holotype ♂; Volcan Irazu, Cartago Prov., Costa Rica; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: *Mucenbeckia tannifolia*.
References: (tx) Wood, S. L. 1967c: 132.

pygmaeus Wood 1967c: 130. Holotype ♂; Los Corchos, Nayarit, Mexico; Wood Collection.
Distribution: North America (Costa Rica/ Honduras/ Jalisco, Nayarit in Mexico).
Hosts: *Canavalia villosa*, *Cestrum scandans*, *Dioclea megacarpa*.

References: (hb) Atkinson & Equilma 1955c: 356. (ds) Atkinson & Equilma 1955c: 356. (tx) Wood, S. L. 1967c: 130, 1982b: 555–556.

vulgaris Wood 1967c: 134. Holotype ♂; Volcan Zunil, Quezaltenango, Guatemala; Wood Collection.
Distribution: North America (Costa Rica/ Guatemala/ Honduras).
Hosts: *Serjania mexicana*, *S. triquetra*, *S.* sp.
References: (tx) Wood, S. L. 1967c: 133–134.

Genus *Neocryphus* Numberg

NEOCRYPHUS NUMBERG 1956a: 139. Type-species: *Neocryphus argentinensis* Numberg, original designation.

Notes: (3) Schedl 1979: 35 (erroneously placed in synonymy with *Phacrylus*).

References: (hb) Wood, S. L. 1956a: 90. (ds) Wood, S. L. 1956a: 90. (tx) Numberg 1956a: 139; Wood, S. L. 1956a: 90.

argentinensis Numberg 1956a: 141. Holotype, sex?; Argentina, Cordova; IZAW, Warsaw.
Distribution: South America (Argentina).
References: (tx) Numberg 1956a: 141.

cristatus (Schedl) 1979c: 61 (*Phacrylus*). Holotype, sex?; S. Luis, San Geronimo, Argentina; Schedl Collection in NHMW, Wien.
Distribution: South America (Argentina).
References: (tx) Schedl 1979c: 61.

Genus *Acorthylus* Brethes

ACORTHYLUS BRETHERS 1922: 304. Type-species: *Acorthylus asperatus* Brethes, monobasic.

Phacrylus Schedl 1935i: 24. Type-species: *Phacrylus bosqui* Schedl, monobasic. Synonymy: Wood 1983a: 647.

- References: (tx) Numberg 1956a: 141; Schedl 1935i: 24; Wood, S. L. 1983: 647.
- References: (hb) Wood, S. L. 1986a: 90. (ds) Wood, S. L. 1986a: 90. (tx) Brethes 1922: 304; Wood, S. L. 1983a: 647, 1986a: 90.
- asperatus Brethes** 1922: 305. Holotype, sex?: Buenos Aires, Argentina; Brethes Collection. Distribution: South America (Argentina). References: (ds) Blackwelder 1947: 784. (tx) Brethes 1922: 305.
- bosqui (Schedl)** 1935i: 24 (*Phacrylus*). Lectotype, sex?: Argentinien, Prov. de Jujuy; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 44. Distribution: South America (Argentina). References: (ds) Blackwelder 1947: 775; Schedl 1966f: 84, 1967d: 2, 1972d: 141. (tx) Schedl 1935i: 24, 1951d: 17, 1952a: 453, 1964m: 304, 1972d: 141, 1979c: 44.
- squamulosus** Eggers 1943a: 356 (*Ernoporus*). Holotype, sex?: Bolivia (Cochabamba); Eggers Collection, not mentioned by either Anderson & Anderson 1971 or Schedl 1979c, Eggers cotype in NHMW, Wien. Synonymy: Schedl 1964m: 304. References: (tx) Eggers 1943a: 356; Schedl 1964m: 304, 1979c: 236.
- gracilis (Schedl)** 1972g: 58 (*Phacrylus*). Holotype, sex?: Brasil, Jacareacanga, Para; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (ds) Schedl 1973a: 367. (tx) Schedl 1972g: 58, 1979c: 108.
- pruni (Wood)** 1971: 33 (*Phacrylus*). Holotype ♀: La Carbonera Experimental Forest, 50 km NW Merida, Merida, Venezuela; Wood Collection. Distribution: South America (Venezuela). Hosts: *Prunus sphaerocarpa*. References: (tx) Wood, S. L. 1971: 33.
- robustus (Schedl)** 1952a: 453 (*Phacrylus*). Lectotype ♂: Argentina, Cordoba, Dep. Calamuchita, El Sance, La Cienaga, Belen, Catamarca; Schedl Collection in NHMW, Wien. Distribution: South America (Argentina/ Brazil). References: (hb) Viana 1964: 122. (ds) Viana 1964: 122. (tx) Schedl 1951h: 284, 1951m: 73, 1952a: 453, 1979c: 212.
- Genus *Stephanopodius* Schedl
- STEPHANOPODIUS** SCHEDL 1941d: 396. Type-species: *Stephanoderes dispar* Eggers, subsequent designation by Schedl 1961k: 633.
- Cryphalominus* Browne 1962g: 75. Type-species: *Hypocryphalus ghanacensis* Schedl, original designation, preoccupied by Eggers 1927. Synonymy: Wood 1980c: 95. References: (tx) Browne 1962g: 75, 1963a: 242; Schedl 1963j: 478; Wood, S. L. 1980c: 95.
- Cryphalominetes* Browne 1963b: 242. Type-species: *Hypocryphalus ghanacensis* Schedl, automatic. Synonymy: Wood 1980c: 95. References: (tx) Browne 1963b: 242; Schedl 1964m: 305; Wood, S. L. 1980c: 95.
- References: (hb) Wood, S. L. 1986a: 90. (ds) Wood, S. L. 1986a: 90. (tx) Schedl 1941d: 396, 1961k: 633; Wood, S. L. 1986a: 90.
- dispar (Eggers)** 1936c: 35 (*Stephanoderes*). Holotype, sex?: S. Rhodesia; Salisbury; BMNH, London. Figures: Schedl 1961k: 634. Distribution: Africa (South Africa/ Tanzania/ Zimbabwe). References: (hb) Loytyniemi, Beaver, & Loytyniemi 1954; Schedl 1961k: 633. (ds) Beaver & Loytyniemi 1955a: 81; Schedl 1961k: 633. (tx) Eggers 1936c: 35; Schedl 1941d: 396, 1951j: 20, 1961i: 224, 1961k: 633–634, 1979c: 82.
- ghanacensis (Schedl)** 1962h: 66 (*Hypocryphalus*). Holotype, sex?: Ghana, Kumasi; BMNH, London. Distribution: Africa (Ghana). Hosts: *Bussa occidentalis*, *Hymenostegia afzelii*. References: (hb) Browne 1963a: 235. (ds) Browne 1963a: 235. (tx) Browne 1962g: 74–75, 1963b: 242; Schedl 1962h: 66, 1962k: 1069, 1979c: 103.
- giganteus Schedl** 1950d: 26. Holotype, sex?: Rhodesien; Schedl Collection in NHMW, Wien. Distribution: Africa (South Africa/ Zimbabwe). References: (tx) Schedl 1950d: 26, 1961k: 634, 1979c: 104.
- mkulumusius (Eggers)** 1919: 241 (*Stephanoderes*). Syntypes, sex?: Mkulumusiberg bei Sigi; Amani; Hamburg Museum, lost, and Eggers Collection ♂ ♀, in NHMW, Wien. Distribution: Africa (Tanzania). Notes: (1) Schedl 1979c: 157 (neotype designation invalid). References: (tx) Eggers 1919: 241, 1922b: 165; Schedl 1950d: 3, 1961k: 635, 1979c: 157.
- squamosus Nunberg** 1973: 9. Holotype ♀: Congo Belge, P.N.A., expl. sect. Nord Massif Ruwenzori, Kalonge; MRCB, Tervuren. Distribution: Africa (Zaire). References: (tx) Nunberg 1973: 9.
- usambaricus Schedl** 1941d: 396. Holotype, sex?: Usambara, Tanganyika; Schedl Collection in NHMW, Wien. Distribution: Africa (Tanzania). References: (tx) Schedl 1941d: 396, 1961k: 635, 1979c: 262.
- Genus *Coriacephilus* Schedl
- CORIACEPHILUS** SCHEDL 1939e: 339. Type-species: *Stephanoderes coriaceus* Eichhoff, original designation. References: (hb) Wood, S. L. 1986a: 90. (ds) Browne 1961c: 67; Schedl 1966b: 27; Wood, S. L.

1986a: 90. (tx) Schedl 1939c: 339–340; Wood, S. L. 1986a: 90.

coriaceus (Eichhoff) 1878b: 494 (*Stephanoderes*). Holotype ♀: Asia (Siam); Schedl Collection in NHMW, Wien.

Distribution: Asia (Burma/Thailand).

References: (ds) Beaver & Browne 1975: 287; Hagedorn 1910d: 41; Kleine 1913b: 121, 1914b: 280. (tx) Eichhoff 1878b: 494; Hagedorn 1910a: 86; Hopkins 1915b: 23; Schedl 1939c: 339–340, 1940d: 591, 1979c: 65.

birmanus Eggers 1925: 153 (*Cryphalus*). Syntypes, sex[?]: Tenasserim; Pragne Museum, and 1 in Eggers Collection, in NHMW, Wien. Synonymy: Schedl 1940d: 591.

References: (tx) Eggers 1925: 153, 156; Schedl 1940d: 591, 1979c: 40.

cribripennis Schedl 1943b: 40. Lectotype, sex[?]: Kalamangau, Mindanao, Philippines; Schedl Collection in NHMW, Wien.

Distribution: Philippine Islands (Mindanao).

References: (tx) Schedl 1943b: 40, 1979c: 69.

proximus (Eggers) 1925: 156 (*Cryphalus*). Holotype, sex[?]: Sud-Mysore (Vorder-Indien); Eggers Collection, in NHMW, Wien.

Distribution: Asia (Mysore in India).

Notes: (1) Schedl 1950f: 36 (to *Coriacephilus*).

References: (tx) Eggers 1925: 156; Schedl 1950f: 36–37, 1979c: 199.

xyloctonoides Schedl 1939c: 340. Lectotype, sex[?]: Malaya, Selangor, Sungai Buloh For. Res.; Schedl Collection in NHMW, Wien.

Distribution: Asia (Malaya).

Hosts: *Kucma furfuracea*.

References: (cn) Mathur & Singh 1960b: 84. (ds) Beeson 1961: 286; Browne 1961c: 67; Mathur & Singh 1960b: 84. (tx) Browne 1961c: 67; Schedl 1939c: 340, 1979c: 270.

Genus *Ernoporus* Thomson

ERNOPORUS THOMSON 1859: 147. Type-species: *Bostrichus tiliae* Panzer, original designation.

Cryphalops Reitter 1889a: 94. Type-species: *Cryphalus lederi* Reitter = *Bostrichus tiliae* Panzer, monobasic. Synonymy: Reitter 1894: 71.

References: (tx) Balachowsky 1949a: 201; Hopkins 1915b: 8; Reitter 1889a: 94, 1894a: 71.

Stephanorhopalus Hopkins 1915b: 35. Type-species: *Stephanorhopalus melodori* Hopkins, original designation, spelling of type species amended by Schedl 1966: 19. Synonymy: Wood 1980c: 93.

References: (tx) Browne 1961c: 70; Hopkins 1915b: 35; Schedl 1962r: 93–94, 1966b: 19; Wood, S. L. 1980c: 93.

Euptilius Schedl 1940d: 589. Type-species:

Ernoporus concentralis Eggers, original designation. Synonymy: Wood 1980c: 93.

References: (tx) Schedl 1940d: 589, 1962r: 90; Wood, S. L. 1980c: 93.

References: (ay) Heymons 1920: 103; Nobuchi 1969a: 56. (hb) Escherich 1923: 460–482; Palm 1959: 34, 44, 57; Schedl 1977a: 41; Wood, S. L. 1986a: 90. (ds) Bertolini 1872: 201; Brimblecombe 1953: 23; Browne 1961c: 70; Feytaud 1950: 9; Schedl 1934f: 1639, 1966b: 19, 1977a: 41; Scheerpeltz & Winkler 1930: 257; Wood, S. L. 1986a: 90. (tx) Allen, A. A. 1970: 246; Balachowsky 1949a: 208; Beeson 1938b: 290; Berger 1916: 227–228; Blandford 1904: 226; Blatchley & Leng 1916: 593, 604; Browne 1961c: 70, 79; Chamberlin 1939: 316–317; Choo 1983: 69; Choo, Woo, & Nobuchi 1988b; Costa Lima 1956: 282; Endroli 1957b: 416; Fauvel 1887: 276; Ferrari 1867a: 10, 16; Hopkins 1914: 121, 135, 1915b: 8, 35, 194–195, 221, 226; Kurenzov 1941: 159–162, 230–231; Kurenzov & Kononov 1961: 595; Lacordaire 1886: 378; Lekander 1962: 431; Lindemann 1876: 148–167, 320–380; Luigioni 1929: 997; Munro 1946: 19, 32, 42, 61; Murayama 1954: 205; Numberg 1928: 145, 1954: 10, 48, 52–53, 1956: 141; Nusslin 1898: 276, 1911, 1912; Peyerimhoff 1935: 194–195; Pföfner 1989a: 82; Reitter 1913a: 65, 68–69, 1916: 287, 289; Schedl 1958d: 188, 1958k: 142, 1959a: 475, 1962r: 93–94, 1969i: 130, 1977a: 41, 1977b: 41, 1980b: 75; Schimitschek 1937: 50–52; Sokanovskii 1954: 17; Spessivtsev 1923: 422, 1931: 88; Stresemann et al. 1989: 354; Swaine 1900: 92; Thomson 1859: 147, 1865: 360; Trappen 1935: 142; Wood, S. L. 1954a: 988, 1960a: 13, 18, 1986a: 90.

acanthopanaxi (Niisima) 1913a: 4 (*Cryphalus*). Syntypes, sex[?]: Sapporo, Japan; Nobuchi Collection, Ibaraki.

Distribution: Asia (Hokkaido in Japan).

Hosts: *Acanthopanax ricinifolium*.

References: (ds) Kleine 1934a: 147; Nobuchi 1985c: 11. (tx) Murayama 1953a: 35; Niisima 1913a: 4; Schedl 1934f: 1639, 1979c: 9.

autemarius (Schedl) 1974d: 461 (*Ernoporus*). Holotype ♀: Upper Manki logging area, Bulolo, Morobe District; CSIRO, Canberra.

Distribution: New Guinea.

References: (tx) Schedl 1974d: 461, 1979c: 22.

papuanus Browne 1984f: 70 (*Euptilius*). Holotype, sex[?]: New Guinea; Morobe District, Mount Kaindi, 2500 m; BMNH, London, preoccupied by Schedl 1973. Synonymy: Wood 1989: 172.

References: (tx) Browne 1984f: 70; Wood, S. L. 1989: 172

arnatus (Browne) 1981a: 129 (*Euptilius*). Holotype, sex[?]: Bangkok (Thailand) to Yokohama (Japan), imported; BMNH, London.

Distribution: Asia (Thailand).

- Hosts: *Pterocarpus* sp.
References: (tx) Browne 1951a: 129.
- concentralis** Eggers 1936d: 629. Holotype, sex?: Vorderindien, Mysore: Sakalaspur; BMNH, London.
Distribution: Asia (Mysore in India).
Hosts: *Dalbergia latifolia*, *Pterocarpus marsupium*.
References: (ds) Beeson 1961: 287. (tx) Eggers 1936d: 629; Schedl 1940d: 589–590.
- dispar** (Schedl) 1972i: 49 (*Cryphalops*). Holotype ♂: New Ireland Dist., Karbil; CSIRO, Canberra.
Distribution: New Ireland Island.
Hosts: *Intsia bijuga*.
References: (tx) Schedl 1972i: 49, 1979c: 52.
- exiguus** (Browne) 1954c: 451 (*Euptilus*). Holotype, sex?: Tolitoli (Celebes) to Omazaki (Japan), imported; BMNH, London.
Distribution: Indonesia (Celebes).
References: (ds) Browne 1954c: 451, 1956a: 89.
- inermis** (Schedl) 1939c: 343 (*Stephanorhopalus*). Lectotype, sex?: Malaya, Selangor: Port Swettenham; Schedl Collection in NIMW, Wien, designated by Schedl 1979c: 124.
Distribution: Asia (Malaya).
Hosts: *Rhizophora mucronata*.
References: (ds) Beeson 1961: 299; Browne 1961c: 70. (tx) Schedl 1939c: 343, 1979c: 124.
- japonicus** Nobuchi 1966e: 52. Holotype ♀; Arashiyama, Kyoto City; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1966e: 52.
Distribution: Asia (Honsu in Japan).
References: (ds) Nobuchi 1955c: 11. (tx) McNamara 1977: 196; Nobuchi 1966e: 52.
- melodori** (Hopkins) 1915b: 36 (*Stephanorhopalus*). Holotype ♂; Calapan, P. I.; USNM, Washington.
Distribution: Philippine Islands (Mindoro).
Hosts: *Melodorum fulgens*.
Notes: (1) Schedl 1966b: 16 (*melodori*, lapsus calami, corrected to *melodori*).
References: (ds) Kleine 1934a: 148; Schedl 1966b: 19. (tx) Hopkins 1915b: 35–38; Nobuchi 1953: 300; Schedl 1966b: 16, 19.
- papuanus** (Schedl) 1973c: 87 (*Margadillius*). Holotype, sex?: Upper Manki logging area, Bulolo, Morobe District; CSIRO, Canberra.
Distribution: New Guinea.
References: (tx) Schedl 1973c: 87, 1979c: 183–184.
- quadridens** (Schedl) 1971a: 284 (*Cryphalops*). Holotype, sex?: Central Prov.; Hantane Estate, Kandy; Schedl Collection in NIMW, Wien.
Figures: Schedl 1971a: 283.
Distribution: Asia (Sri Lanka).
References: (tx) Schedl 1971a: 283–284, 1979c: 208.
- shimanensis** Murayama 1953a: 36. Holotype ♂: Kakinoki vill. (Suzumo-ohani), Kanoashi County, Shimane pref., Japan; Murayama Collection in USNM, Washington.
Distribution: Asia (Honsu in Japan).
Hosts: *Fagus crenata*.
References: (ds) Murayama 1954b: 185; Nobuchi 1955c: 11. (tx) Murayama 1953a: 36, 1954b: 185.
- thailandicus** (Schedl) 1967a: 127 (*Euptilus*). Holotype, sex?: Thailand via Hong Kong to Yokohama (Japan), imported; PPST, Tokyo.
Distribution: Asia (Thailand).
Hosts: Kwararin wood.
References: (ds) Beaver & Browne 1975: 290. (tx) Schedl 1967a: 127, 1979c: 252.
- tiliae** (Panzer) 1793: 14 (*Apatc*). Syntypes, sex?: Brungsvigiae; not located, presumed lost.
Figures: Balachowsky 1963a: 1280, Grune 1979: 110, Pfeiffer 1959a: pl. 6, Postner 1974: 432 (adult).
Distribution: Asia (Korea/ Turkey/ E USSR), Europe (Austria/ Bulgaria/ Corsica/ Czechoslovakia/ Denmark/ England/ Finland/ France/ Germany/ Greece/ Hungary/ N Italy/ Norway/ Poland/ Romania/ Spain/ Sweden/ Switzerland/ W USSR).
Hosts: *Carpinus betulus*, *Fagus sibirica*, *Hibiscus syriacus*, *Tilia amurensis*, *T. cordata*, *T. intermedia*, *T. parvifolia*.
References: (ay) Escherich 1923b: 482; Imhoff 1856: 228; Lökander 1959b: 60; Nulberg 1925a: 140; Nusslin 1911a: 58, 155, 277, 337, 378. (bv) Grune 1979: 111; Hellen 1921. (cn) Acatay 1943a: 65; Barbey 1925: 587; Chorbadzhievo 1929; Escherich 1923b: 482; Esterberg 1959; Georgescu et al. 1957: 357, 406; Grandi 1951; Hellen 1921; Kamp 1956b: 471; Kholodkovskii 1912: 307; Koppen 1882: 251; Kovacevic 1924: 21–22; Marcu 1926c: 63; Nosek 1951: 106, 1952b: 98; Nusslin 1913: 290; Picard & Lichtenstein 1917: 17; Pierce, W. D. 1917: 141; Rhumbler 1922: 334, 1927: 350; Schimitschek 1937c: 52, 1955a: 146, 1955c: 83; Schuster 1918: 97; Schwerdtfeger 1944a: 175, 1957a: 182; Wachtl 1901: 381; Wichmann 1927b: 361. (cc) Balazy & Michalski 1964b; Elliot & Morley 1907; Gillanders 1906; Kielczewski 1976; Kielczewski, Moser, & Wisniewski 1983; Kielczewski & Wisniewski 1978, 1980a, 1983; Kleine 1905c: 186, 1909a: 46, 1944: 73; Kostenko 1929; Kurenzov 1934a: 57; Michalski & Ratajczak 1989; Nosek 1951: 106, 1952b: 98, 1959a: 118, 1959b: 87; Nulberg & Wiackowski 1958: 130; Nusslin 1927: 350; Palmén 1944: 60; Perris 1856a: 244; Pfeiffer 1923a: 331; Rondani 1873: 146; Saalas 1930: 118; Schimitschek 1955a: 146; Schuster 1918: 97; Schwerdtfeger 1944a: 175, 1957a: 182; Sedlaczek 1935a: 162; Wisniewski 1979b. (hb) Acatay 1943a: 65; Altum 1851c: 322; Balachowsky 1963a: 1279; Barbey 1901: 23, 72, 1925: 587; Bèffa 1961; Bukowsky 1930; Chorbadzhievo 1929; Dombrowsky 1857; Eichhoff 1881a: 45, 181, 1882a: 245, 1882c: 322, 1892b: 99; Escherich 1923b: 482; Fuchs 1904a, 1907: 48; Gillanders 1906, 1908; Gomostaev 1916: 314; Grandi 1951;

- Gyorfi 1957; Hagedorn 1903a; Henschel 1895a; 166; Karpinski & Strawinski 1948: 155; Karsch 1853: 142; Keller 1913: 242; Kemmer 1919: 176; Kharltonov 1924: 199–204; Kholodkovskii 1912: 307; Kurenzov 1935a: 34; Lekander 1959b: 60; Lengerken 1954: 53; Marcu 1941: 403; Marie 1955: 78; Mumro 1926: 61; Nordlinger 1856: 30; Nosek 1959a: 118, 1959b: 87; Numberg 1929c: 119; Nusslin 1898: 280, 1906b: 14, 1913: 290, 1927: 350; Perris 1856a: 244; Postner 1974: 432; Ratzelburg 1837: 164, 1839: 199; Rhumbler 1922: 334, 1927: 350; Rupertsberger 1879: 231, 1880: 229; Schedl 1981b: 76; Schmitschek 1955a: 146; Schwerdtfeger 1944a: 175, 1957a: 192, 1981: 188; Sedlacek 1935a: 102; Spessivtsev 1913a: 90; Stark 1926a: 335, 1952: 272; Tschorbadjiev 1929: 166; Vinogradov-Nikitin 1911: 1472–1477; Wachtl 1876a: 453, 1901: 381; Wichmann 1927b: 361; Zvierezomb-Zubovsky & Rostoff 1918: 1–36. (ds) Acatay 1943: 65; Aclouque 1896; Allen, A. A. 1970; Ammann & Knabl 1913; Andersch 1851; Arnaldi et al. 1955: 693; Andras & Schaeffer 1957; Bakke 1963a: 121; Balachowsky 1963a: 1279; Barthe 1896; Bai 1855; Bedel 1888b: 398, 413–414; Bejer-Petersen & Jorm 1977: 23; Biels 1851, 1857; Blanchere & Robert 1859; Borchert 1951; Brakman 1966b: 206; Bukovsky 1930; Buresh & Lazarov 1956; Calwer 1884, 1893; Carpentier & Delaby 1905; Cocconi 1897; Cho 1957; Choo 1983: 69; Choo & Woo 1955: 164; Chorbadzhiyev 1929; Dejean 1837; Duftschmidt 1825; Eder 1934; Eggers 1904; Endrodi 1958a, 1958b; Ericson & Sandin 1893; Escherich 1923b: 482, 1932b; Esterberg 1928, 1959; Fjellberg 1966: 154; Fowler 1891; Fuchs 1904a, 1905a, 1907: 48; Gambil 1849: 126; Gemminger & Harold 1872: 2683; Gornostaev 1917; Gozis 1875: 80; Grill 1895: 309; Grune 1979: 111; Gyllenhal 1827: 624; Hagedorn 1903a, 1910c: 46; Hansen, V. 1939, 1956, 1964: 462; Heinemann 1908a; Hellen 1947; Henschel 1895a: 168; Heyden 1876: 299, 1879: 140; Heyden, Reitter, & Weise 1853: 182, 1891: 671, 1906: 711; Horion 1951; Jazentkovsky 1912: 288; Kamp 1956b: 471; Karpinski 1926: 82, 1931: 27, 1948b: 230; Karpinski & Strawinski 1948: 155; Keler 1925b: 272; Kemmer 1919: 176; Kersten 1933: 74; Kestercanek 1881a: 12; Klefbeck & Sjoberg 1960: 2, 230; Kleine 1912a: 262, 267, 1913a: 34, 1934a: 143; Kloft & Hinks 1945: 218; Ko 1969: 276; Kolbe, W. 1918: 211; Koltze 1901: 153; Koppin 1882: 251; Kostenko 1929; Kozikowsky 1921: 180; Kraatz 1869: 59; Kurenzov 1934a: 57, 1935a: 34, 1936a: 110, 1936b: 350–351, 1938a: 59; Kurnir 1947c: 27; Lacordaire 1866: 379; Langhoffer 1915c: 158; Leclercq 1971; Lengerken 1939: 39; Lentz 1857: 139; Liegel 1886: 43; Lindemann 1884b: 264; Lokaj 1868: 64; Lomnicki 1886a: 242, 1913b: 148; Lucht 1987: 278; Lundberg 1981: 151; Lundblad 1950b: 72; Mahler 1987: 232; Maren 1926c: 63; Matthews & Fowler 1883: 42; Murayama 1929b: 2, 1930b: 10, 1937b: 375; Negrin 1966b: 402, 1968a: 456; Negrin & Rosca 1967: 141; Numberg 1928b: 85, 106, 1954: 53; Nusslin 1898: 280; Orest 1926c: 63; Palm 1959: 29, 60, 1986; Palmien 1944: 60; Perris 1876a: 254, 1877a: 414; Pfeffer 1924b: 471, 1931b: 74, 1950b: 76, 1989a: 82; Pierce, W. D. 1917: 141; Pittioni 1943: 175; Power 1865: 212; Postner 1974: 432; Prossen 1913: 83; Rapp 1934: 728; Ratzelburg 1837: 164, 1839: 199; Redtenbacher 1858: 832, 1874: 375; Reitter 1869b: 154, 1889a: 94, 1894a: 71, 1916: 289; Roubal 1941: 264; Ruskov 1928c: 61; Saalas 1930: 118, 1931: 67; Sainte-Claire 1914: 472; Sainte-Claire & Mequignon 1935: 445; Schanfuuss 1915: 1232; Schaum 1859: 96, 1862: 101; Schedl 1980a: 15, 1981b: 76; Schilsky 1909: 188; Schiodte 1873: 101; Schwerdtfeger 1981: 188; Seidlitz 1891b: 607; Sharp & Fowler 1893: 34; Siebke 1875: 283; Stark 1926a: 335, 1926j: 126, 1927b: 88, 1936e: 142, 1952: 272; Stein 1868: 114; Stein & Weise 1877: 164; Stierlin 1898: 439; Stierlin & Gantard 1871: 292; Sturm 1826: 102, 1843: 230; Thomson 1859: 147, 1865: 350, 1868: 218; Treddl 1907: 12; Tschorbadjiev 1929: 166; Villa & Villa 1833: 26; Wachtl 1876a: 453; Westhoff 1882: 238; Wichmann 1927a: 6; Winter, T. C. 1983: 11; Zimovjev 1955: 187. (tx) Aclouque 1896; Allen, A. A. 1970; Bach 1854; Balachowsky 1949a: 209, 1963a: 1279–1280; Barbey 1901: 23, 72; Bechstein et al. 1805: 108; Bedel 1888b: 398, 413–414; Belfa 1961; Berger 1917: 226–248; Bertolini 1872; Calwer 1858; Carpentier & Delaby 1905; Castelnan 1840; Choo 1983: 69; Doebner 1860; Dombrowsky 1857; Duftschmidt 1825; Eggers 1929c: 41, 1936c: 629, 1942c: 29, 1943a: 355; Eichhoff 1864b: 35, 1878b: 130, 1881a: 45, 181, 1883a: 109, 133; Endrodi 1957b; Ericsson 1836: 62; Escherich 1923b: 482; Fabricius 1798: 157, 1801: 383; Fauvel 1859; Ferrari 1867a: 12, 1867b: 106, 114; Fleischer 1905, 1927; Formanek 1907: 35; Gebien 1907: 197; Gillanders 1908; Grune 1979: 110–111; Gyllenhal 1813: 369, 1827: 624; Hagedorn 1910a: 88; Hansen, V. 1956, 1964: 462; Henschel 1895a: 168; Hopkins 1914: 121, 1915b: 35, 1915c: 221; Kalina 1970: 129; Karpinski & Strawinski 1948: 155; Kulmt 1913: 1055; Lacordaire 1866: 379; Lekander 1959b: 60; Letzner 1891: 375; Lindemann 1875c: 321; Lovendal 1889b: 52, 1898: 126; Lucht 1987: 278; Murayama 1930b: 10, 14, 30, 1937b: 375; Negrin 1966b: 402; Nordlinger 1848: 245, 1856: 30; Numberg 1928a: 140, 1929c: 119, 1954: 53; Nusslin 1911a: 58, 155, 277, 337, 378; Panzer 1793: 14, 1795a: 284; Perris 1877a: 414; Pfeffer 1932b: 18, 1955a: 180, 1989a: pl. 6; Portevin 1935: 324; Postner 1974: 432; Quaschik 1953: 35; Ratzelburg 1837: 164, 1839: 199; Redtenbacher 1849a: 359, 1849b: 26, 1858: 832, 1874: 375; Reitter 1889a: 94, 1894a: 71, 1913a: 68, 1916: 289; Rhumbler 1922:

- 334, 1927: 350; Rupertsberger 1879: 231, 1880: 229; Sahlberg 1836: 154; Sampson 1919: 114; Schedl 1934f: 1639, 1952f: 87, 1958k: 142, 1967a: 127, 1980a: 15, 1981b: 76; Schimitschek 1937c: 52, 1955c: 83; Seidlitz 1891b: 607; Semenov 1902: 271; Sokanovskii 1954: 17; Spessivtsev 1913a: 90, 1922a: 472, 1925a: 173, 1931: 48–50; Stark 1952: 272; Stierlin 1898: 439; Thomson 1859: 147, 1865: 360, 1868: 219. (ms) Escherich 1932b; Heimann 1908a; Hellen 1921.
- cinerens* Herbst 1793: 116 (*Bostrichus*). Syntypes, sex?; Deutschland; not located. Synonymy: Balachowsky 1949a: 209.
References: (tx) Balachowsky 1949a: 209; Herbst 1793: 116; Iablokoff-Klmzorian 1961: 105.
- ratzeburgi* Ferrari 1867a: 11 (*Cryphalus*). Syntypes, sex?; Europe; not located. Synonymy: Balachowsky 1949a: 209.
References: (ds) Blanchere & Robert 1889; Heyden 1876: 299; Kestercanek 1881a: 12; Kraatz 1869: 59; Redtenbacher 1874: 375; Schilsky 1909: 188; Seidlitz 1872: 393; Stein 1868: 114; Stein & Weise 1877: 164. (tx) Balachowsky 1949a: 209; Bertolini 1872; Ferrari 1867a: 11, 1867b: 114; Letzner 1891: 375; Redtenbacher 1874: 375; Sampson 1923a: 270; Seidlitz 1872: 393.
- lederi* Reitter 1889a: 93 (*Cryphalus*). Syntypes 2, sex?; Circassia; NHMB, Budapest. Synonymy: Balachowsky 1949a: 209.
References: (ds) Heyden, Reitter, & Weise 1891: 671; Reitter 1889a: 93. (tx) Balachowsky 1949a: 209; Hopkins 1914: 119; Reitter 1889a: 93; Schedl 1934f: 1639.
- eggerti* Stark 1936: 142. Syntypes, sex?; Soviet Far East; IZL, Leningrad. 1 Eggert syntype, in NHMW, Wien. Synonymy: Sokanovskii 1954: 17. Notes: (1) Original publication not seen, cited in Stark 1941: 155, 159.
References: (hb) Kurenzov 1948b: 124; Murankov 1941: 155, 159; Stark 1952: 273. (ds) Arnoldi et al. 1955: 692; Balachowsky 1963a: 1250; Kri-volutskaya 1983; Sokanovskii 1954: 17; Stark 1952: 273. (tx) Kurenzov 1941a: 155, 1948b: 124; Pfeffer 1944a: 131; Schedl 1952k: 158; Sokanovskii 1954: 17; Stark 1936: 142, 1952: 273. (ms) Pfeffer 1944a: 131.
- starki* Eggers 1942c: 31. Holotype, sex?; Ussuri; Eggers Collection, in NHMW, Wien. Synonymy: Schedl 1952k: 158.
References: (tx) Eggers 1942c: 31; Pfeffer 1944a: 131; Schedl 1952k: 158, 1979c: 236. (ms) Pfeffer 1944a: 131.
- tuberculatus* (Browne) 1981a: 128 (*Euptilus*). Holotype, sex?; Rangoon (Burma) to Kobe (Japan), imported; BMNH, London. Distribution: Asia (Burma).
Hosts: *Pterocarpus* sp.
References: (tx) Browne 1981a: 128.

Genus *Ernocladius* Wood

- ERNOCLADIUS WOOD 1980c: 93. Type-species: *Cryphalus corpulentus* Sampson, original designation.
References: (hb) Wood, S. L. 1986a: 90. (ds) Wood, S. L. 1986a: 90. (tx) Wood, S. L. 1980c: 93, 1986a: 90.
- corpulentus* (Sampson) 1919: 113 (*Cryphalus*). Holotype ♂; India, Nilgiri Hills; BMNH, London. Distribution: Asia (Bengal, Tamil Nadu in India/Malaya), Indonesia (Java).
Hosts: *Hibiscus macrophyllus*, *Kydia calycina*, *Thespesia populnea*, rare in *Ficus religiosa*.
References: (en) Mathur & Singh 1960b: 86, 1961b: 51. (hb) Browne 1961c: 71; Kalshoven 1955b: 166–168. (ds) Browne 1961c: 71; Kleine 1934a: 147; Mathur & Singh 1961b: 51; Sampson 1919: 113. (tx) Eggers 1925: 153; Nobuchi 1959c: 22, 1966c: 53; Sampson 1919: 113–114; Schedl 1940d: 590–591, 1942a: 169, 1942d: 2; Wood, S. L. 1980c: 93.
- corpulentus sundri* Schedl 1969c: 48 (*Margadillius*). Holotype, sex?; India: Sundarbans (Bengal); FRI, Dchra Dim, not present. Synonymy: Wood 1989: 172.
Notes: (1) The holotype never reached the Forest Research Institute and is probably represented by Schedl's "paratype" that was examined by us. (3) This name has also been treated in *Ernoporus* and *Margadillius*.
References: (tx) Schedl 1969c: 48, 1979c: 65–66; Wood, S. L. 1989: 172.

- guiboutiae* (Schedl) 1957d: 53 (*Miocryphalus*). Holotype, sex?; Congo Belge: Mayumbe, Jombo de Bombo, 86 km Nord-Ouest de Tshela; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: *Guibourtia arnoldiana*.
References: (tx) Schedl 1957d: 53, 1961k: 538, 1979c: 114.

Genus *Cryphalogenes* Wood

- CRYPHALOGENES WOOD 1980c: 91. Type-species: *Cryphalogenes euphorbiae* Wood, original designation.
References: (hb) Wood, S. L. 1986a: 90. (ds) Wood, S. L. 1986a: 90. (tx) Wood, S. L. 1980c: 91, 1986a: 90.
- euphorbiae* Wood 1980c: 91. Holotype ♂; 30 km SE Puttalam, Sri Lanka; USNM, Washington. Distribution: Asia (Sri Lanka).
Hosts: *Euphorbia antiquorum*.
References: (tx) Wood, S. L. 1980c: 91.
- exiguus* Wood 1980c: 92. Holotype ♂; 30 km SE Puttalam, Sri Lanka; USNM, Washington. Distribution: Asia (Sri Lanka).
Hosts: *Euphorbia antiquorum*.
References: (tx) Wood, S. L. 1980c: 92.

Genus *Scolytogenes* Eichhoff

- Scolytogenes* EICHHOFF 1878b: 475, 497. Type-species: *Scolytogenes darwini* Eichhoff, monobasic.
- Lepicernus* Eichhoff 1878b: 476, 501. Type-species: *Lepicernus aspericollis* Eichhoff, monobasic, preoccupied. Synonymy: Wood 1980e: 95. References: (tx) Eggers 1929e: 53; Eichhoff 1878b: 476, 501; Hinton 1936: 473; Hopkins 1915b: 8; Schedl 1940d: 555–557, 1952d: 344; Wood, S. L. 1954a: 996, 1980e: 95.
- Cryphalomorphus* Schaufuss 1891: 12. Type-species: *Cryphalomorphus communis* Schaufuss, monobasic. Synonymy: Schedl 1940d: 557. References: (ay) Gardner 1934: 10–11, (hb) Browne 1961c: 67, (ds) Blackwelder 1947: 778; Brimblecombe 1953: 21, 39; Hagedorn 1910d: 46, (tx) Chamberlin 1939: 279, 315–316; Eichhoff 1878b: 476, 501; Hagedorn 1910a: 80, 83, 1913b: 253; Hopkins 1914: 119, 133, 1915b: 7, 1915c: 226; Kurenzov 1941: 71; Schaufuss 1891: 12; Schedl 1938f: 41, 1939e: 337–338, 1940d: 555–557, 1950d: 2, 1952d: 344, 1954a: 138, 1957b: 152, 1957d: 59, 1959a: 476, 1961k: 523, 1962p: 203, 1963b: 265, 1963i: 62, 1965e: 349–379, 1965f: 3–15, 1970b: 358, 1971e: 11, 1977b: 44; Wood, S. L. 1954a: 980, 996–997, 1960a: 13.
- Letzwrella* Reitter 1913a: 68. Type-species: *Bostrichus jalapae* Letzner, monobasic. Synonymy: Schedl 1940d: 557. References: (tx) Balachowsky 1949a: 20; Chamberlin 1939: 316; Reitter 1913a: 68; Schedl 1938f: 41, 553–557, 1952d: 344; Swaine 1915a: 90; Wood, S. L. 1954a: 996, 1960a: 37.
- Hypothenoides* Hopkins 1915b: 7, 11. Type-species: *Hypothenoides parvus* Hopkins, original designation. Synonymy: Schedl 1954a: 135. References: (tx) Hopkins 1915b: 7, 11; Schedl 1954a: 138; Wood, S. L. 1960a: 27.
- Ernoporides* Hopkins 1915b: 8, 34. Type-species: *Ernoporides floridensis* Hopkins, original designation. Synonymy: Schedl 1940d: 557. References: Chamberlin 1939: 315; Hopkins 1915b: 8, 34; Schedl 1938f: 41, 1940d: 554–557, 1952d: 344; Wood, S. L. 1954a: 990, 1960a: 27.
- Neocryphalus* Eggers 1922b: 169. Type-species: *Neocryphalus usagarius* Eggers, monobasic. Synonymy: Schedl 1940d: 557. References: (tx) Eggers 1922b: 169; Schedl 1940d: 557, 1950d: 2, 1952d: 344, 1959a: 476; Wood, S. L. 1954a: 996, 1986: 90.
- Negritus* Eggers 1923a: 141. Type-species: *Negritus ater* Eggers, subsequent designation by Wood 1982b: 861. Synonymy: Schedl 1957b: 152. References: (tx) Eggers 1923a: 141–142; Schedl 1939e: 339, 1957b: 152, 1959a: 476; Wood, S. L. 1982b: 861.

- Cylindrotomicus* Eggers 1936d: 633. Type-species: *Cylindrotomicus squamulosus* Eggers, monobasic. Synonymy: Schedl 1957b: 152. References: (tx) Eggers 1936d: 633; Schedl 1957b: 152, 1959a: 476.
- Lepicernus* Hinton 1936: 473. Type-species: *Lepicernus aspericollis* Eichhoff, automatic. Synonymy: Wood 1982b: 861. References: (tx) Hinton 1936: 473; Schedl 1950d: 2, 1952d: 344; Wood, S. L. 1954a: 996, 1982b: 861.
- Xylocryptus* Schedl 1975f: 352. Type-species: *Xylocryptus papuanus* Schedl, original designation. Synonymy: Wood 1986: 90.
- Cryphalophilus* Schedl 1970b: 358. Type-species: *Cryphalophilus afer* Schedl, monobasic. Synonymy: Wood 1984b: 228, 1992b: 81. References: (tx) Schedl 1970b: 358; Wood, S. L. 1984b: 228, 1986a: 61, 1992b: 81. References: (tx) Schedl 1975f: 352; Wood, S. L. 1986a: 90.
- Keys: Wood 1960a: 27, 1982b: 862. References: (ay) Nobuchi 1969a: 57, (hb) Beaver 1987a: 19; Schedl 1961k: 523, 1977a: 44; Wood, S. L. 1982b: 861, 1986a: 90, (ds) Beaver 1987a: 19; Browne 1961c: 67; Schedl 1961k: 523, 1966b: 22, 1977a: 44; Wood, S. L. 1982b: 861, 1986a: 90, (tx) Arnett 1960: 1043, 1968: 1043; Choo, Woo, & Nobuchi 1985b; Eggers 1929e: 53; Eichhoff 1878b: 475, 497; Schedl 1939e: 337–338, 1961k: 523, 1962p: 203, 1977a: 44; Wood, S. L. 1982b: 861–866, 1986a: 90.
- absonus (Schedl)** 1975f: 344 (*Cryphalomorphus*). Holotype, sex?: Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (tx) Schedl 1975f: 344, 1979c: 9.
- afer (Schedl)** 1970b: 359 (*Cryphalophilus*). Holotype, sex?: Mozambique, Lourenco-Marques to Yokohama (Japan), imported; PPST, Tokyo. Distribution: Africa (Mozambique). References: (tx) Schedl 1970b: 359, 1979c: 14.
- alternans (Schedl)** 1975f: 345 (*Cryphalomorphus*). Holotype, sex?: Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (tx) Schedl 1975f: 345, 1979c: 16.
- amanicus (Eggers)** 1919: 239 (*Cryphalus*). Holotype, sex?: Amani (Ostafrika); Hamburg Museum, lost. Distribution: Africa (Kenya/Tanzania). References: (tx) Eggers 1919: 239–240, 1931c: 185, 1932c: 23; Schedl 1940d: 557, 1961k: 525.
- aukius (Schedl)** 1979g: 96 (*Cryphalomorphus*). Holotype, sex?: Papua [New Guinea], Bulolo, Morobe Dist., Upper Manki L. A.; Schedl Collection in NHMW, Wien.

- Distribution: New Guinea.
References: (tx) Schedl 1979g: 96.
- apicalis** (Schedl) 1971e: 11 (*Cryphalomorphus*). Holotype, sex[?]; Umgebung Brazzaville; Schedl Collection in NHMW, Wien.
Distribution: Africa (Congo).
References: (tx) Schedl 1971e: 11, 1979c: 23.
- approximatus** (Schedl) 1975f: 346 (*Cryphalomorphus*). Holotype, sex[?]; Upper Mauki logging area, Bilolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 346, 1979c: 23.
- aspericollis** (Eichhoff) 1878b: 501 (*Lepicerus*). Holotype, sex[?]; Hindostan Asiae (Birma); Hamburg Museum, lost.
Distribution: Africa (Ethiopia/South Africa), Asia (Burma/India/Malaya), Europe (intercepted in Italy), Indonesia (Sumba).
Hosts: *Ipomoea turpethum*.
References: (ec) Schedl 1961k: 525–526. (hb) Emden 1925a: 215–216, 1925b: 89; Zaehner 1927: 161. (ds) Browne 1980d: 493; Hagedorn 1910d: 69; Kleine 1913b: 121, 139, 1914b: 277–278, 1934a: 148–149; Schedl 1934f: 1643, 1961c: 71, 1961k: 525, 1965f: 4, 1971c: 363, 1975c: 447. (tx) Eggers 1925: 153, 159, 1927b: 397, 1929e: 53; Eichhoff 1878a: 388, 1878b: 501–502; Hagedorn 1904d, 1910a: 91; Hinton 1936: 473; Hopkins 1914: 124; Lucas 1920: 357; Schedl 1934f: 1643, 1940d: 584–587, 1951i: 55–56, 1961c: 71, 1961k: 525, 1965f: 4; Wood, S. L. 1954a: 996.
- stierlini** Eggers 1911a: 121 (*Cryphalus*). Lectotype, sex[?]; Italia: Livorno (aus dem indischen Gebiet eingeschleppt); USNM, Washington, designated by Anderson & Anderson 1971: 31. Synonymy: Eggers 1929e: 53.
References: (cn) Emden 1925b. (ds) Emden 1925b; Kleine 1913b: 118; Schanfuß 1915: 1232. (tx) Anderson, W. H. & Anderson 1971: 31; Eggers 1911a: 121, 1925: 153, 1927b: 397, 1929e: 53; Reitter 1913a: 68; Schedl 1934f: 1643, 1940d: 585, 587, 1961k: 525.
- ater** (Eggers) 1923a: 142 (*Negritus*). Lectotype, sex[?]; Pt. Princessa (Insel Palawan); USNM, Washington, designated by Anderson & Anderson 1971: 5.
Distribution: Indonesia (E Borneo), Philippine Islands (Palawan), Australia.
References: (ds) Schedl 1966b: 23. (tx) Anderson, W. H. & Anderson 1971: 5; Eggers 1923a: 142, 1927b: 406; Nobuchi 1983: 300; Schedl 1939e: 337–338, 1940b: 434, 1950g: 894, 1957b: 152, 1965g: 23, 1979c: 29.
- australis** (Schedl) 1942c: 175 (*Lepicerinus*). Holotype, sex[?]; Australien; Schedl Collection in NHMW, Wien.
Distribution: Australia.
- References: (tx) Schedl 1942c: 175, 1950f: 43, 1952d: 344, 1979c: 31.
- badius** (Nobuchi) 1975: 44 (*Cryphalomorphus*). Holotype, sex[?]; Inugakitage, Fukuoka pref., Japan; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1975: pl. 1, fig. 5.
Distribution: Asia (Japan).
Hosts: *Wisteria floribunda*.
References: (ds) Nobuchi 1985c: 12. (tx) Nobuchi 1975: pl. 1, 44.
- bangensis** (Eggers) 1927c: 75 (*Cryphalomorphus*). Lectotype, sex[?]; Philippinen: Mindanao, Provinz Zamboanga, Port Banga; USNM, Washington, designated by Anderson & Anderson 1971: 5.
Distribution: Philippine Islands (Mindanao).
Notes: (3) Schedl 1951i: 56 (described male).
References: (ds) Schedl 1966b: 23. (tx) Anderson, W. H. & Anderson 1971: 5; Eggers 1927c: 75–76, 1929c: 53; Nobuchi 1983: 300; Schedl 1940l: 587, 1951i: 50, 55–56, 1979c: 33.
- basilaris** (Wood) 1960a: 30 (*Cryphalomorphus*). Holotype ♀; Caroline Islands (Koror, Palau); USNM, Washington.
Distribution: Micronesia (Koror Island in Palau Islands in Caroline Islands).
References: (tx) Wood, S. L. 1960a: 30.
- braderi** (Browne) 1965a: 191 (*Cryphalomorphus*). Holotype, sex[?]; Ivory Coast; Adiopodoume; RNH, Leiden.
Distribution: Africa (Ghana/Ivory Coast).
Hosts: *Triplochiton scleroxylon*.
References: (tx) Browne 1965a: 191; Wood, S. L. 1992b: 84.
- orientalis** Schedl 1971e: 11 (*Cryphalomorphus*). Holotype, sex[?]; Ghana, Bekwai; Schedl Collection in NHMW, Wien. Synonymy: Wood 1992b: 84.
References: (ds) Schedl 1972e: 281. (tx) Schedl 1971e: 11–12, 1979c: 180; Wood, S. L. 1992b: 84.
- brimblecombei** (Schedl) 1972a: 146 (*Cryphalomorphus*). Holotype, sex[?]; Queensland: Emu Vale; Queensland Museum, Brisbane.
Distribution: Australia (Queensland).
References: (tx) Schedl 1972a: 146, 1979c: 47.
- buruensis** (Eggers) 1926a: 300 (*Cryphalomorphus*). Holotype, sex[?]; Buru-Insel; Eggers Collection, in NHMW, Wien.
Distribution: Indonesia (Buru Island).
References: (tx) Eggers 1926a: 300, 1927c: 75, 1929e: 53; Schedl 1940l: 587, 1952d: 344, 1979c: 49.
- camelliae** (Nobuchi) 1975: 45 (*Cryphalomorphus*). Holotype, sex[?]; Tainai-goya, Nilgata pref., Japan; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1975: pl. 1, fig. 6.
Distribution: Asia (Japan).
Hosts: *Camellia japonica rusticana*.

- References: (ds) Nobuchi 1955c: 12. (tx) Nobuchi 1975: 45–46.
- candidus (Nobuchi)** 1975: 47 (*Cryphalomorphus*). Holotype, sex[?]; Gyokuto, Kumamoto pref., Japan; Nobuchi Collection, Ibaraki. Figures: Nobuchi 1975: pl. 1, fig. 8. Distribution: Asia (Kyushu in Japan). References: (ds) Nobuchi 1955c: 12. (tx) Nobuchi 1975: 47.
- ceylonicus (Schedl)** 1959a: 477 (*Cryphalomorphus*). Holotype, sex[?]; Ceylon: Sabargamva, Millawitiya Estate; Schedl Collection in NHMW, Wien. Distribution: Asia (Andaman Islands, Bengal, Uttar Pradesh in India/ Sri Lanka). Hosts: *Lindera pulcherrima*. References: (ds) Schedl 1959a: 477. (tx) Schedl 1959a: 477, 1979c: 56.
- cicatricosus (Schedl)** 1942c: 176 (*Lepicerrinus*). Holotype, sex[?]; New-Guinea; Schedl Collection in NHMW, Wien. Distribution: Fiji, New Caledonia, New Guinea. References: (tx) Schedl 1942c: 176, 1952d: 343–344, 1978d: 73, 1979c: 57, 1979f: 103.
- coccotrypanoides (Schedl)** 1939c: 343 (*Lepicerrinus*). Lectotype, sex[?]; Malaya, Selangor: Kuala Lumpur; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 59. Distribution: Asia (Malaya). References: (hb) Brownie 1961c: 67. (ds) Brownie 1961c: 67. (tx) Schedl 1939c: 343, 1940d: 588, 1952d: 343–344, 1979c: 59.
- communis (Schaufuss)** 1891: 12 (*Cryphalomorphus*). Holotype, sex[?]; Madagascar: Hamburg Museum, lost. Distribution: Africa (Seychelles Islands), Madagascar. Notes: (1) Schedl 1979c: 60 (reported 2 cotypes in his collection; if correct, these came from Eggers as a loan). References: (ds) Allnau 1900: 439–442; Anonymous 1892: 165; Eggers 1926g; Fairmaire 1892b; Hagedorn 1910d: 41, 46; Kleine 1913b: 121, 126, 1914b: 326; Kolbe 1910: 40; Sampson 1914: 386. (tx) Anderson, W. H. & Anderson 1971: 9; Eggers 1926a: 300; Fairmaire 1892b; Hagedorn 1910a: 83, 1913b: 254; Hopkins 1914: 119, 133, 1915b: 14; Michalski 1969b: 570; Sampson 1914: 386; Schaufuss 1891: 11–12, 1897a: 210; Schedl 1940d: 584, 588, 1961k: 523, 1969d: 11, 1971e: 11, 1977a: 45, 1977b: 70, 1979c: 60; Wood, S. L. 1954a: 996, 1960a: 27.
- concentralis (Schedl)** 1975f: 342 (*Cryphalophilus*). Holotype, sex[?]; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (tx) Schedl 1975f: 342, 1979c: 60.
- confragosus (Sampson)** 1914: 386 (*Cryphalomorphus*). Holotype, sex[?]; Seychelles, Mahe: Cascade Estate, 800–1000 feet; BMNH, London. Distribution: Africa (Seychelles Islands). References: (ds) Beaver 1957a: 20; Sampson 1914: 386; Schedl 1969d: 11. (tx) Sampson 1914: 386; Schedl 1952d: 344.
- corpulentus (Schedl)** 1965c: 54 (*Cryphalomorphus*). Holotype, sex[?]; Madagascar, Montagne d'Ambre; Schedl Collection in NHMW, Wien. Distribution: Madagascar. References: (tx) Schedl 1965c: 54, 1977a: 46, 1979c: 65.
- corrugatus (Schedl)** 1950d: 19 (*Stephanorhopalus*). Holotype ♀; Mauritius; Schedl Collection in NHMW, Wien. Distribution: Africa (Mauritius Island). References: (ds) Schedl 1969d: 11. (tx) Schedl 1950d: 19, 1962r: 94, 1969d: 11, 1977a: 46, 1979c: 66.
- creber (Schedl)** 1975f: 346 (*Cryphalomorphus*). Holotype, sex[?]; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (tx) Schedl 1975f: 346, 1979c: 68.
- crenatus (Sampson)** 1914: 385 (*Cryphalomorphus*). Syntypes, sex[?]; Seychelles, Mahe: from high damp forest between Trois Freres and Morne Seychellois, 1500–2000 feet; BMNH, London.² Distribution: Africa (Seychelles Islands). Hosts: *Wormia ferruginea*. References: (ds) Beaver 1957a: 20; Sampson 1914: 385; Schedl 1969d: 11. (tx) Sampson 1914: 385; Schedl 1952d: 344.
- cylindricus (Schedl)** 1959a: 476 (*Cryphalomorphus*). Syntypes, sex[?]; Ceylon: Sabargamva, Millawitiya Estate; Schedl Collection in NHMW, Wien. Distribution: Asia (Sri Lanka/Vietnam). References: (ds) Schedl 1959a: 476, 1962b: 186, 1971a: 280. (tx) Schedl 1959a: 476, 1979c: 73.
- darwinii Eichhoff** 1878b: 497. Holotype, sex[?]; Hindostan (Birma); deposited in Dolm Collection, now in Schedl Collection in NHMW, Wien. Distribution: Asia (Burma/ Yunnan in China/ Uttar Pradesh in India/ Sri Lanka/ Vietnam), Indonesia (Java), New Guinea, Philippine Islands. Hosts: *Cryptolepis luchuanani*. References: (ds) Hagedorn 1910d: 81; Kleine 1913b: 149, 1914b: 278. (tx) Eggers 1925: 159; Eichhoff 1878b: 387, 497; Hagedorn 1910a: 133; Hopkins 1914: 129; Lucas 1920: 572; Schedl 1939e: 337–338. (ms) Lucas 1920: 572. *similis* Eggers 1923a: 142 (*Nigrites*). Lectotype, sex[?]; Java: USNM, Washington, designated by

- Anderson & Anderson 1971: 30. Synonymy: Wood 1985: 269.
References: **(bv)** Gray, B. 1974c. **(hb)** Gray, B. 1974c. **(tx)** Anderson, W. H. & Anderson 1971: 30; Eggers 1923a: 142; Schedl 1939c: 337–338, 1957b: 152, 1979c: 229; Wood, S. L. 1985: 269.
- major* Eggers 1927c: 69 (*Nigrinus*). Lectotype, sex?; Philippines: Mindanao, Provinz Surigao, Surigao; USNM, Washington, designated by Anderson & Anderson 1971: 19. Synonymy: Wood 1985: 269.
References: **(cn)** Mathur & Singh 1960a: 36. **(hb)** Kalshoven 1958b: 180. **(ds)** Beeson 1961: 295; Mathur & Singh 1960a: 36; Schedl 1964c: 305, 1966b: 15. **(tx)** Anderson, W. H. & Anderson 1971: 19; Eggers 1927c: 69, 1929e: 53; Nobuchi 1983: 299; Schedl 1939c: 337–338, 1942d: 1, 1951i: 55, 1974c: 262, 1979c: 146; Wood, S. L. 1985: 269.
- cryptolepis* Schedl 1951i: 55. Holotype, sex?; Nakronda, Dehra Dun, U.P., India; Schedl Collection in NHMW, Wien. Synonymy: Wood 1985: 269.
References: **(tx)** Schedl 1951i: 55, 1958i: 214, 1979c: 71; Wood, S. L. 1985: 269.
- devius* (Schedl) 1975k: 280 (*Cryphalophilus*). Holotype, sex?; Transvaal: Barberton: TMP, Pretoria. Figures: Schedl 1975k: 281.
Distribution: Africa (South Africa).
References: **(tx)** Schedl 1975k: 280–281, 1979: 79.
- eggersi* (Schedl) 1962q: 490 (*Cryphalomorphus*). Lectotype, sex?; Philippines: Luzon, Manila; USNM, Washington, designated by Anderson & Anderson 1971: 20, automatic.
Distribution: Philippine Islands (Luzon).
References: **(tx)** Schedl 1962q: 490, 1979c: 154.
- minor* Eggers 1927c: 76 (*Cryphalomorphus*). Lectotype, sex?; Philippines: Luzon, Manila; USNM, Washington, designated by Anderson & Anderson 1971: 20, preoccupied by Eggers 1927c: 69.
References: **(tx)** Anderson, W. H. & Anderson 1971: 20; Eggers 1927c: 76, 1929e: 53; Schedl 1939c: 338, 1962q: 490, 1979c: 154.
- excellens* (Schedl) 1979g: 97 (*Cryphalomorphus*). Holotype, sex?; Papua New Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(tx)** Schedl 1979g: 97.
- expers* (Blandford) 1894d: 55 (*Hypothicenus*). Syntypes 2, sex?; Kumamoto and Nagasaki, Japan; BMNH, London.
Figures: Nakane et al. 1963: 382.
Distribution: Asia (Japan).
Notes: (1) Wood 1966b: 22 (to *Scolytogenes*).
References: **(ds)** Hagedorn 1910d: 42; Kleme 1913b: 124, 1914b: 257; Nakane et al. 1963: 382; Nobuchi 1985c: 12. **(tx)** Blandford 1894d: 55; Hagedorn 1910a: 86; Hopkins 1915b: 24; Murayama 1961: 31; Nakane et al. 1963: 382; Schedl 1934f: 16–40; Wood, S. L. 1966b: 22.
- fijianus* (Schedl) 1950f: 42 (*Lepicerinus*). Syntypes, sex?; Fiji: Viti Levu, several localities; BPBM, Honolulu, and Schedl Collection in NHMW, Wien.
Distribution: Fiji Islands.
Hosts: *Pterandra grayi* leaf petioles.
Notes: (1) Schedl 1979c: 96 (citation of holotype invalid).
References: **(ds)** Beaver 1991: 54; Brownie 1974a: 63. **(tx)** Schedl 1950f: 42, 1952d: 343–344, 1979c: 96.
- fugax* (Schedl) 1975f: 347 (*Cryphalomorphus*). Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(tx)** Schedl 1975f: 347, 1979c: 101.
- fujisanus* (Nobuchi) 1975: 46 (*Cryphalomorphus*). Holotype, sex?; Mt. Fuji, Yamanashi pref., Japan; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1975: pl. 1, fig. 7.
Distribution: Asia (Japan).
Hosts: *Pterocarya rhoifolia*.
References: **(ds)** Nobuchi 1985c: 12. **(tx)** Nobuchi 1975: 46–47.
- fulgens* (Schedl) 1975f: 348 (*Cryphalomorphus*). Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(tx)** Schedl 1975f: 348, 1979c: 101.
- fulgidus* (Schedl) 1975f: 348 (*Cryphalomorphus*). Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(tx)** Schedl 1975f: 348, 1979c: 101.
- fulvipennis* (Nobuchi) 1975: 47 (*Cryphalomorphus*). Holotype, sex?; Yona, Okinawa pref., Japan; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1975: pl. 1, fig. 9.
Distribution: Asia (Okinawa in Japan/Taiwan).
References: **(ds)** Nobuchi 1985c: 12. **(tx)** Nobuchi 1975: 47–48.
- ghanaensis* (Schedl) 1977d: 281 (*Cryphalomorphus*). Holotype, sex?; Ghana, Volta Region, N 6 degrees 70', E 0 degrees 03'; Schedl Collection in NHMW, Wien.
Distribution: Africa (Ghana).
References: **(tx)** Schedl 1977d: 281.
- gracilis* (Schedl) 1950f: 44 (*Lepicerinus*). Holotype, sex?; Fiji Islands; Eggers Collection, in NHMW, Wien.
Distribution: Fiji Islands, New Caledonia.
Hosts: *Garcinia* sp.

- References: (ds) Anonymous 1974a: 64. (tx) Schedl 1950f: 41, 1952d: 343–344, 1979c: 107.
- granulatus (Wood)** 1960a: 31 (*Cryphalomorplus*). Holotype ♂: Kalabera area, Saipan, S. Mariana Islands: FMNH, Chicago. Distribution: Micronesia (Saipan Island in Mariana Islands). Hosts: *Cerbera manghas*. References: (tx) de Ruette 1970: 99; Wood, S. L. 1960a: 31.
- grobleri (Schedl)** 1962h: 6S (*Cryphalomorplus*). Holotype, sex?: Cape Province, Alexandria: NICP, Pretoria. Distribution: Africa (South Africa). Hosts: *Strychnos decussata*. References: (tx) Schedl 1962h: 6S, 1962k: 1069, 1979c: 113.
- hirtus (Wood)** 1974a: 1S (*Cryphalomorplus*). Holotype ♀: 16 km S Oaxaca, Oaxaca, Mexico: Wood Collection. Distribution: North America (Oaxaca, Puebla in Mexico). Hosts: *Ipomoea* sp. References: (ds) Atkinson et al. 1986: 66; Wood, S. L. 1982b: S64. (tx) Wood, S. L. 1974a: 1S, 1982b: S64.
- hobohmi (Schedl)** 1955i: 215 (*Cryphalomorplus*). Lectotype, sex?: S.W. Africa, Otjewarongo: Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 119. Figures: Distribution: Africa (Namibia). References: (tx) Schedl 1955i: 211, 215, 1961k: 526, 1965c: 54, 1979c: 119.
- hylesinopsis (Schedl)** 1975f: 349 (*Cryphalomorplus*). Holotype, sex?: New Guinea, Wau, McAdam Park: Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (tx) Schedl 1975f: 349, 1979c: 120.
- indicus Wood** 1989: 184. Holotype, sex?: Amarkantak, Rewah State, C. I. 3500 ft., FRI, Dehra Dun. Distribution: Asia (Burma/ Kashmir, Madhya, Uttar Pradesh in India). Hosts: *Hedera helix*, *Moringa pterygosperma*, *Stereospermum suaveolens*, *Valleria haynei*. Notes: (n) This is *indicus* Beeson 1941 (1961: 240), *nomi nudum*, Schedl 1979c: 127 (cited it as a synonym of *rarius* Schedl; however, 2 distinct species are represented by these names). References: (tx) Schedl 1939c: 343, 1940d: 55S, 1959a: 477, 1979c: 123; Wood, S. L. 1989: 184.
- insularis (Nobuchi)** 1975: 4S (*Cryphalomorplus*). Holotype, sex?: Kawada, Miyake Is., Tokyo, Japan; Nobuchi Collection, Ibaraki. Figures: Nobuchi 1975: pl. 1. Distribution: Asia (Mikura Island in Japan). References: (ds) Nobuchi 1955c: 12. (tx) Nobuchi 1975: 4S, pl. 1.
- jalapae (Letzner)** 1845b: 99 (*Bostrichus*). Syntypes, sex?: taken from Jalapa root in Mexico; not located. Distribution: North America (Mexico), transported through commerce to many parts of the world but not established there. Hosts: Presumably *Exogonium jalapa*. References: (av) Imhoff 1856: 22S. (cn) Hagedorn 1913a; Kleine 1932a: 297; Mumford 1960: 22; Swaine 1918a: 90. (cc) Wichmann 1955a: 96. (hb) Blandford 1894b; Chamberlin 1939: 316; Dombrowsky 1887; Eichhoff 1881a: 46, 187; Hagedorn 1903a, 1913a; Kleine 1932a: 297; Lengerken 1939: 63, 1954: 83; Swaine 1918a: 90; Wachtl 1876a: 45S; Wood, S. L. 1953: 73, 1954a: 997, 1952b: 866. (ds) Anonymous 1926c: 51S; Blackwelder 1947: 77S; Blandford 1894b: 261, 1897b, 1904: 226; Calwer 1884, 1893; Chamberlin 1939: 316; Cola 1973; Ferrer 1942; Gemminger & Harold 1872: 265S; Hagedorn 1903a, 1910d: 43, 1913a: 46–47; Hamilton 1889: 15S, 1894b: 406; Henshaw 1885: 14S, 1895: 44; Heyden, Reitter, & Weise 1883: 182, 1891: 671, 1906: 711; Horion 1935, 1951; Kleine 1914b: 349, 1932a: 297, 1934a: 142; Koltze 1901: 153; Lacordaire 1866: 383; Leonard 1928: 518; Lomnicki 1913b: 14S; Mumford 1960: 22; Nunberg 1964a: 235; Pittioni 1943: 176; Reitter 1894a: 70, 1916: 289, 350; Schedl 1980a: 17; Schwarz 1883: 40, 140, 1886: 42, 1901: 432; Seidlitz 1891a: 562, 1891b: 60S; Stein 1865: 114; Stein & Weise 1877: 164; Swaine 1909: 92; Townsend 1889: 235; Wachtl 1876a: 45S; Wichmann 1927a: 79, 1955a: 96; Wood, S. L. 1977a: 69, 1982b: 866. (tx) Balachowsky 1949a: 201; Berger 1917: 226–248; Blandford 1894b: 261, 1904: 226; Chamberlin 1939: 316; Dombrowsky 1887; Eichhoff 1878b: 134, 1881a: 46, 74, 187, 1883a: 110, 133; Fauvel 1889; Ferrari 1867a: 12, 14, 16; Hagedorn 1910a: 86; Hopkins 1915b: 35; Kuhn 1913: 1055; Lacordaire 1866: 383; Letzner 1844, 1845b: 99; Lindemann 1875c: 321; Portevin 1935: 324; Reitter 1894a: 70, 1908a: 56, 1913a: 68, 1916: 289, 350; Schedl 1934f: 1639, 1938f: 41, 1940a: 341, 1940d: 554, 58S, 1959a: 476, 1965i: 368, 1980a: 17; Schwarz 1886: 42; Seidlitz 1891a: 562, 1891b: 60S; Swaine 1909: 92, 1918a: 90; Wood, S. L. 1953: 73, 1954a: 997, 1952b: 866.
- knabi (Hopkins)** 1915b: 34 (*Ernoporidae*). Holotype ♀: Cordoba, Mexico; USNM, Washington. Figures: Bright 1972d: 59. Distribution: Antilles Islands (Cuba/ Dominican Republic/ Guadaloupe/ Jamaica/ Tortola in British West Indies, introduced?), Asia (Japan, introduced?), North America (Guatemala/ Honduras/ Chiapas, Nayarit, Oaxaca, Veracruz in Mexico/

Florida in USA, introduced?), South America (Brazil/Venezuela? introduced?).

Hosts: *Calonciton tannifolium*, *Candiosperma holacobium*, *Ipomoea pes-caprae*, *Serjania* spp., and other lianas.

Notes: Although known primarily from tropical America where it has no near relatives, this species was probably introduced; its occurrence in Japan supports that supposition.

References: (hb) Burgos & Saucedo 1952b: 865; Wood, S. L. 1952b: 865. (ds) Atkinson & Equihua 1955c: 356, 1958: 100; Atkinson et al. 1956: 66; Bright 1972d: 61, 1976d: 61, 1985c: 175; Burgos & Saucedo 1983: 103; Ferrer 1942; Schedl 1940a: 342, 1940d: 588, 1960d: 75; Wood, S. L. 1952b: 865. (tx) Bright 1972d: 59, 1976d: 61, 1985c: 175; Hopkins 1915b: 34; Schedl 1940a: 342, 1940d: 588, 1959a: 477, 1960a: 75; Wood, S. L. 1966b: 23, 1977c: 385, 1982b: 865.

floridensis Hopkins 1915b: 34 (*Ernoporides*).

Holotype ♀; Biscayne, Florida [USA]; USNM, Washington. Synonymy: Wood 1966b: 23.

References: (hb) Chamberlin 1939: 315; Wood, S. L. 1954a: 998. (ds) Blatchley & Leng 1916: 604; Chamberlin 1939: 315. (tx) Balachowsky 1949a: 201; Blatchley & Leng 1916: 604; Chamberlin 1939: 315; Hopkins 1915b: 34; Schedl 1940d: 588; Wood, S. L. 1954a: 979, 998, 1966b: 22.

ritchii Sampson 1918: 295 (*Hypothencemus*).

Syntypes ♀; Jamaica; BMNH, London. Synonymy: Wood 1966b: 23.

References: (ds) Cowley 1926: 27. (tx) Eggers 1940a: 108; Sampson 1918: 295; Schedl 1940d: 588; Wood, S. L. 1966b: 23.

caribicus Schedl 1951m: 96 (*Cryphalomorphus*).

Syntypes, sex?; Guadeloupe, Delanney; Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 23.

References: (tx) Schedl 1951m: 96, 1979c: 53; Wood, S. L. 1966b: 23.

minutissimus Schedl 1951m: 97 (*Cryphalomorphus*).

Holotype ♂; Guadeloupe, Env. de Trois-Rivieres; Schedl Collection in NHMW, Wien. Synonymy: Wood 1977c: 385.

References: (tx) Schedl 1951m: 97, 1979c: 156; Wood, S. L. 1977c: 385.

substriatus Schedl 1952d: 360 (*Cryphalomorphus*).

Holotype, sex?; Mexico; Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 23.

References: (tx) Schedl 1951m: 97, 1952d: 360, 1979c: 244; Wood, S. L. 1966b: 23.

alienus Schedl 1976a: 65 (*Cryphalomorphus*).

Holotype, sex?; Corcovado, Guanabara, Brasil; Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 175.

References: (tx) Schedl 1976a: 65; Wood, S. L. 1989: 175.

landolphiae (Schedl) 1961e: 133 (*Cryphalomorphus*). Holotype ♀; Madagascar, Perinet; IRSM, Madagascar.

Distribution: Madagascar.

References: (hb) Schedl 1977a: 45. (tx) Schedl 1961e: 133, 1965c: 56, 1977a: 46, 1979c: 136.

leprosulus (Browne) 1974a: 66 (*Cryphalomorphus*).

Holotype, sex?; Fiji; Viti Levu, Nandarivatu; BMNH, London.

Distribution: Fiji Islands.

Hosts: *Garcinia* sp.

References: (cc) Roberts 1976: 377. (hb) Roberts 1976: 377. (ds) Browne 1974a: 63, 66; Roberts 1976: 377. (tx) Browne 1974a: 66.

longipennis (Eggers) 1936b: 30 (*Cryphalomorphus*).

Holotype, sex?; Abyssinia; Mt. Chillalo in the Forest, circa 9000 feet; BMNH, London.

Distribution: Africa (Ethiopia).

References: (tx) Browne 1965: 191; Eggers 1936b: 30; Schedl 1940d: 588, 1961k: 527.

mauritanus (Schedl) 1965c: 56 (*Cryphalomorphus*).

Holotype, sex?; Mauritius; Schedl Collection in NHMW, Wien.

Distribution: Africa (Mauritius Island).

References: (ds) Schedl 1969d: 10. (tx) Schedl 1965c: 10, 56, 1969d: 10, 1977a: 47, 1979c: 150.

micans (Eggers) 1927b: 396 (*Stephanoderes*).

Holotype, sex?; Java (Tenggergebirge); Eggers Collection, in NHMW, Wien.

Distribution: Indonesia (Java).

References: (tx) Eggers 1927b: 396, 1940b: 62; Schedl 1952d: 343-344, 1979c: 152.

minor (Eggers) 1927c: 69 (*Negritus*). Holotype,

sex?; Philippinen: Mindanao, Provinz Zamboanga, Port Banga; Eggers Collection [not mentioned by Anderson & Anderson 1971 or Schedl 1979c].

Distribution: Asia (Malaya/ Vietnam), Philippine Islands (Mindanao).

References: (ds) Schedl 1962b: 186, 1966b: 15, 23, 1971c: 363. (tx) Eggers 1927c: 69, 76, 1929c: 53; Schedl 1939c: 337, 1940d: 588, 1942c: 175, 1942d: 2, 1950f: 44, 1951i: 50, 1962q: 490.

nus (Schedl) 1975f: 349 (*Cryphalomorphus*). Holotype,

sex?; New Guinea, War; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975f: 349, 1979c: 162.

namulus (Wood) 1960a: 29 (*Cryphalomorphus*).

Holotype, sex?; Mt. Tagpochau, Saipan; FMNH, Chicago.

Distribution: Micronesia (Saipan, Tinian in Caroline Islands).

References: (tx) de Ruelle 1970: 99; Wood, S. L. 1960a: 29.

nigellatus (Schedl) 1950f: 44 (*Lepicerinus*). Holotype,

sex?; Fiji; Eggers Collection, in NHMW, Wien.

- Distribution: Fiji Islands.
References: (ds) Browne 1974a: 63. (tx) Schedl 1950f: 44, 1951m: 97, 1952c: 343–344, 1979c: 166.
- nubilus** (Wood) 1960a: 30 (*Cryphalomorplus*).
Holotype ♀: Ine I., Arno Atoll, Marshall Islands; USNM, Washington.
Distribution: Micronesia (Caroline Islands/ Arno Atoll in Marshall Islands).
Hosts: *Scaevola frutescens*.
References: (tx) de Ruelle 1970: 99; Wood, S. L. 1960a: 30.
- ocularis** (Schedl) 1965e: 36S (*Cryphalomorplus*).
Holotype, sex?: Congo ex belge-Leopoldville; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
References: (tx) Schedl 1965e: 36S, 1979c: 177.
- onyanganus** (Schedl) 1941d: 391 (*Letznerella*).
Lectotype, sex?: Mt. Cameroon, Onyanga, 5100 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 17S.
Distribution: Africa (Cameroon/ Kenya/ Nigeria/ South Africa/ Tanzania/ Uganda).
Hosts: *Acacia decurrens*, *Celtis* sp., *Euclea lanceolata*.
References: (tx) Browne 1973a: 290; Schedl 1940d: 58S, 1941d: 391–392, 1952d: 344, 1961k: 527, 1979c: 17S.
similaris Schedl 1965f: S (*Cryphalomorplus*).
Holotype, sex?: Uganda, Mpanga; BMNH, London. Synonymy: Browne 1973a: 290.
References: (ds) Browne 1970: 540; Schedl 1969d: 5, 1982: 27S. (tx) Browne 1973a: 290; Schedl 1965e: 55, 1965f: S, 1979c: 229.
- opacus** (Schedl) 1959a: 477 (*Cryphalomorplus*).
Holotype, sex?: Ceylon: Sabargamwa, Millawitiya Estate; Schedl Collection in NHMW, Wien.
Distribution: Asia (Sri Lanka).
References: (ds) Schedl 1959a: 477, (tx) Schedl 1959a: 477, 1979c: 179.
- pacificus** (Schedl) 1942c: 176 (*Lepicerinus*).
Lectotype, sex?: Piti, Guam; Schedl Collection in NHMW, Wien.
Distribution: Micronesia (Caroline Islands/ Guam, Truk in Mariana Islands).
Hosts: Breadfruit.
References: (ds) Wood, S. L. 1960a: 27, (tx) Schedl 1942c: 176, 1950f: 44, 1952d: 343–345, 1960a: 27–28, 1979c: 182.
- papuanus** (Schedl) 1974d: 459 (*Cryphalomorplus*).
Holotype, sex?: Panganda logging area, Walnut Valley, Morobe District; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Erodia* sp., *Nothofagus* sp.
References: (tx) Schedl 1974d: 459, 1979c: 183.
- papuensis** Wood 1959: 179. Holotype, sex?: Upper Manki logging area, Bulolo, Morobe District, New Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: Wood, S. L. 1959: 179, 1992b: 79–80, *papuanus* Schedl 1975f: 352 (*Xylocryptus*). Holotype, sex?: Upper Manki logging area, Bulolo, Morobe District, New Guinea; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1974.
References: (tx) Schedl 1975f: 352, 1979c: 184; Wood, S. L. 1959: 179, 1992b: 79–80.
- paradoxus** Wood 1992b: 80. Holotype, sex?: Papua New Guinea; Schedl Collection in NHMW, Wien, automatic.
Distribution: New Guinea.
References: (tx) Wood, S. L. 1992b: 80.
papuanus Schedl 1979g: 97 (*Cryphalomorplus*).
Holotype, sex?: Papua New Guinea; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1974.
References: (tx) Schedl 1979g: 97; Wood, S. L. 1992b: 80.
- parvatis** (Wood) 1974a: 17 (*Cryphalomorplus*).
Holotype ♀: La Lima, Cortez, Honduras; Wood Collection.
Distribution: North America (Costa Rica/ Honduras).
Hosts: *Cestrum scandens*.
References: (tx) Wood, S. L. 1974a: 17, 1982b: S62–S63.
- parvus** (Hopkins) 1915b: 11 (*Hypothenoides*).
Holotype, sex?: Calapan, Philippine Islands; USNM, Washington.
Distribution: Philippine Islands.
Hosts: *Lemon silvestre*.
References: (ds) Kleine 1934a: 148; Schedl 1966b: 23, (tx) Hopkins 1915b: 11; Nobuchi 1983: 300.
- pityophthorinus** (Schedl) 1943b: 39 (*Lepicerinus*).
Holotype, sex?: Balbolan [=Balbakan], Philippines; Schedl Collection in NHMW, Wien.
Distribution: Philippine Islands.
Notes: (1) Schedl 1979c: 195 (Errors in spelling both generic and specific names in the original publication are considered lapsus calami and were corrected).
References: (ds) Schedl 1966b: 24, (tx) Nobuchi 1983: 300; Schedl 1943b: 39, 1952d: 345, 1979c: 195.
- pleiocarpae** (Schedl) 1957d: 51 (*Cryphalomorplus*).
Holotype, sex?: Congo Belge: Yangambi; MRCB, Tervuren.
Figures: Schedl 1961k: 52S.
Distribution: Africa (Angola/ Ghana/ Zaire).
Hosts: *Pleiocarpa micrantha*, *P. tubicina*.
References: (ec) Schedl 1958d: 18S, 193, 1961k: 527, 1972c: 67, (hb) Schedl 1961k: 527, (ds) Ferreira 1965: 1114; Schedl 1959p: 17, 1961k: 527, 1964j: 40, (tx) Schedl 1957d: 51, 1961e: 133, 1961k: 527–528, 1965f: S, 1979c: 196.

- praeda (Browne)** in Beaver & Browne 1978: 589 (*Ptilopodius*). Holotype, sex[?]; Malaysia: BMNH, London.
Distribution: Asia (Malaya).
References: (tx) Beaver 1991: 53; Beaver & Browne 1978: 604; Browne 1979: 589.
- puerarae Choo & Woo** 1989: 58. Holotype ♀; Korea: Sacheon, Gyeongnam province; not given.
Figures: Choo & Woo 1989: 60.
Distribution: Asia (Korea).
Hosts: *Pucrania thungergiana*.
References: (tx) Choo & Woo 1989: 58–60.
- pumilionides (Schedl)** 1977f: 500 (*Cryphalomorphus*). Holotype, sex[?]; India: Kerala; Schedl Collection in NHMW, Wien.
Distribution: Asia (Kerala in India).
References: (tx) Schedl 1977f: 500.
- pumilus (Wood)** 1960a: 29 (*Cryphalomorphus*). Holotype ♀; northwest slope, Mt. Lasso, Timian; FMNH, Chicago.
Distribution: Micronesia (Timian Island).
References: (tx) Wood, S. L. 1960a: 28–29.
- punctatulus Nobuchi** 1976: 72. Holotype, sex[?]; Mt. Inugaki, Fukuoka pref., Japan; Nobuchi Collection, Ibaraki, automatic.
Figures: Nobuchi 1975: pl. 1, fig. 11.
Distribution: Asia (Japan).
Hosts: *Trachelospermum asiaticum*.
References: (ds) Nobuchi 1985c: 12. (tx) Nobuchi 1976: 72.
- punctatus Nobuchi** 1975: 49 (*Cryphalomorphus*). Holotype, sex[?]; Inugaki, Fukuoka pref., Japan; Nobuchi Collection, Ibaraki, preoccupied by Schedl 1951.
References: (tx) Nobuchi 1975: 49, 1976: 72, 1985c: 12.
- nobuchii** Schedl 1980: 118 (*Cryphalomorphus*). Holotype, sex[?]; Mt. Inugaki, Fukuoka pref., Japan; Nobuchi Collection, Ibaraki, automatic.
Notes: (1) This is an unneeded replacement name.
References: (tx) Choo & Woo 1989a; Schedl 1980: 118.
- punctatus (Schedl)** 1951i: 55 (*Cryphalomorphus*). Holotype, sex[?]; Himalaya, Darjeeling; Schedl Collection in NHMW, Wien.
Figures: Nobuchi 1975: pl. 1.
Distribution: Asia (Bengal in India).
References: (tx) Nobuchi 1975: pl. 1, 1976: 72; Schedl 1951i: 55, 1952d: 345, 1979c: 204.
- puncticollis (Schedl)** 1950f: 43 (*Lepicrinus*). Syn-types, sex[?]; Fiji: Viti Levu, several localities; BPBM, Honolulu, and Schedl Collection in NHMW, Wien.
Distribution: Fiji Islands.
Notes: (1) Schedl 1979c: 205 (citation of holotype invalid).
References: (ds) Browne 1974a: 63. (tx) Beaver 1991: 93; Schedl 1950f: 43, 1952d: 345, 1979c: 205.
- grosseopunctatus** Browne 1974a: 66 (*Cryphalomorphus*). Holotype, sex[?]; Fiji: Viti Levu, Nausori Highlands; BMNH, London. Synonymy: Beaver 1991: 93.
Notes: (3) Schedl 1980d: 118 (treated as a synonym of *gracilis*).
References: (cc) Roberts 1976: 376. (hb) Roberts 1976: 376. (ds) Browne 1974a: 63; Roberts 1976: 376. (tx) Beaver 1991: 93; Browne 1974a: 66; Schedl 1980d: 118.
- pygmaeolus (Schedl)** 1971c: 12 (*Cryphalomorphus*). Holotype, sex[?]; Cote d'Ivoire, Forêt du Banco; Schedl Collection in NHMW, Wien.
Distribution: Africa (Ivory Coast).
References: (tx) Schedl 1971c: 12, 1979c: 207.
- quadridens (Browne)** 1984f: 71 (*Hypothecumus*). Holotype, sex[?]; New Guinea: Morobe District, Wau, 1700 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Macaranga aleurutoides*.
References: (tx) Beaver 1991: 54; Browne 1984f: 71.
- robustus (Schedl)** 1955c: 32 (*Cryphalomorphus*). Lectotype, sex[?]; Somalia It: Belet Uen-Gabredarre; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 212.
Distribution: Africa (Somalia).
References: (tx) Schedl 1955c: 32, 1961k: 533, 1979c: 212.
- rusticus (Wood)** 1974a: 18 (*Cryphalomorphus*). Holotype ♀; 33 km N Juchitlan, Jalisco, Mexico; Wood Collection.
Figures: Atkinson et al. 1986: 73.
Distribution: North America (Chiapas, Guanaajuato, Jalisco, Michoacan in Mexico).
Hosts: *Ipomoea* sp.
References: (cc) Equihua & Atkinson 1986: 633. (hb) Atkinson & Equihua 1985c: 356; Atkinson et al. 1986: 66; Burgos & Saucedo 1983: 101; Equihua & Atkinson 1986: 633; Wood, S. L. 1982b: 864. (ds) Atkinson & Equihua 1985c: 356; Atkinson et al. 1986: 66; Burgos & Saucedo 1983: 101; Equihua & Atkinson 1986: 633; Wood, S. L. 1982b: 864. (tx) Atkinson et al. 1986: 73; Wood, S. L. 1974a: 18, 1982b: 864–865.
- samoanus (Browne)** 1977c: 61 (*Cryphalomorphus*). Holotype, sex[?]; Samoa: Upolu; BMNH, London.
Distribution: Samoan Islands.
Hosts: *Psidium guajava*, *Theobroma cacao*.
References: (hb) Beaver 1976b: 534. (ds) Beaver 1976d: 534. (tx) Browne 1977c: 61.
- scolytomimoides (Nobuchi)** 1975: 50 (*Cryphalomorphus*). Holotype, sex[?]; Asakawa, Tokyo, Japan.
Figures: Nobuchi 1975: pl. 1.
Distribution: Asia (Japan).
Hosts: *Trachelospermum asiaticum*.

- References: **ds** Nobuchi 1955c: 12. **(tx)** Nobuchi 1975: 50, pl. 1.
- separandus (Schedl)** 1965c: 56 (*Cryphalomorphus*). Holotype, sex?: Madagascar; Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
References: **(tx)** Schedl 1965c: 56, 1977a: 47, 1979c: 225.
- setifer (Wood)** 1974a: 18 (*Cryphalomorphus*). Holotype ♀: Volcan Pacaya, Esquintla, Guatemala; Wood Collection.
Distribution: North America (Guatemala).
Hosts: Liana.
References: **(ds)** Wood, S. L. 1982b: S63. **(tx)** Wood, S. L. 1974a: 18, 1982b: S63–S64.
- sodalis (Schedl)** 1965c: 55 (*Cryphalomorphus*). Holotype, sex?: Madagascar, Perinet; Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
Hosts: *Landolphia* sp.
References: **(tx)** Schedl 1965c: 55, 1977a: 47, 1979c: 231.
- spirostachius (Schedl)** 1958a: 557 (*Ptilopodius*). Holotype, sex?: Zululand: W. Umfolosi Riv.; BMNH, London.
Distribution: Africa (South Africa).
Hosts: *Spirostactys* sp.
References: **(ds)** Schedl 1961k: 455, 1965h: 111. **(tx)** Schedl 1958a: 557, 1961k: 455, 1979c: 235.
- splendens (Schedl)** 1975f: 350 (*Cryphalomorphus*). Holotype, sex?: Bulolo, Compt. 5, Tann logging area, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(tx)** Schedl 1975f: 350, 1979c: 235.
- squamatilis (Schedl)** 1977f: 500 (*Cryphalomorphus*). Holotype, sex?: Vietnam: Dinh by NE of Hanoi; Schedl Collection in NHMW, Wien.
Distribution: Asia (Vietnam).
References: **(tx)** Schedl 1977f: 500.
- squamosus (Schedl)** 1942c: 175 (*Lepicerinus*). Holotype, sex?: New-Guinea, Kapa-Kapa; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(bv)** Gray, B. 1974c. **(hb)** Gray, B. 1974c. **(ds)** Browne 1961c: 79. **(tx)** Schedl 1942c: 175, 1943b: 40, 1951m: 96, 1952d: 345, 1979c: 236.
- squamulosus (Eggers)** 1936d: 633 (*Cylindrotomicus*). Holotype, sex?: Vorderindien (Mysore; Jakkur); BMNH, London, 1 Eggers cotype, in NHMW, Wien.
Distribution: Asia (Karnataka in India).
Hosts: Wild creeper.
References: **(tx)** Eggers 1936d: 633; Schedl 1957b: 152, 1979c: 236.
- sumatranus (Schedl)** 1970b: 358 (*Chiloxylon*). Holotype, sex?: Sumatra, Palembang to Akita (Japan), imported; PPST, Tokyo.
Distribution: Indonesia (Sumatra).
Hosts: Pulau log.
References: **(ds)** Browne 1950d: 491; Olmo, Yoneyama, & Nakazawa 1982b: 7. **(tx)** Schedl 1970b: 358, 1979c: 246.
- tonsus (Schedl)** 1969c: 49 (*Cryphalomorphus*). Holotype, sex?: N. Vietnam: Hoa Binh, Tonkin.
Distribution: Asia (Vietnam).
References: **(tx)** Schedl 1969c: 49, 1979c: 254.
- tricolor (Lea)** 1910: 141 (*Cryphalus*). Holotype, sex?: Queensland: Cairns; SAM, Adelaide.
Distribution: Australia (Queensland).
Hosts: *Millettia negasperma*.
References: **(ds)** Brimblecombe 1953: 21; Schedl 1972a: 144. **(tx)** Lea 1910: 141; Schedl 1935f: 34, 41, 1940d: 585.
- tricus (Wood)** 1974a: 19 (*Cryphalomorphus*). Holotype ♀: 16 km S Oacaca, Oaxaca, Mexico; Wood Collection.
Distribution: North America (Oaxaca, Puebla in Mexico).
Hosts: *Ipomoea* sp.
References: **(ds)** Wood, S. L. 1982b: S66. **(tx)** Wood, S. L. 1974a: 19, 1982b: S66.
- uucatus (Schedl)** 1971c: 373 (*Cryphalophilus*). Holotype, sex?: Ins. Kei (Planten); MNHN, Paris.
Distribution: Indonesia (Kei Island), Niue Island, Tahiti.
References: **(tx)** Schedl 1971c: 373, 1979c: 260.
- uucater (Schedl)** 1972a: 146 (*Cryphalomorphus*). Holotype, sex?: Queensland: Yarraman; Queensland Museum, Brisbane, preoccupied by Eggers 1923. Synonymy: Beaver 1991: 93. References: **(tx)** Beaver 1991: 93; Schedl 1940b: 434, 1950g: 894, 1972a: 146, 1972b: 267, 1979c: 29.
- usagaricus (Eggers)** 1922b: 169 (*Neocryphalus*). Holotype, sex?: Sudost-Usagra in Deutsch-Ostafrika; Methner Collection in MNH, Berlin, 1 Eggers cotype, in NHMW, Wien.
Distribution: Africa (Kenya/ Tanzania).
References: **(hb)** Roberts 1969: 123. **(ds)** Schedl 1971e: 5. **(tx)** Eggers 1922b: 169; Schedl 1950d: 2, 1952d: 345, 1955i: 215, 1961k: 534, 1979c: 262.
- varius (Schedl)** 1975f: 350 (*Cryphalomorphus*). Holotype, sex?: Upper Manki logging area, Bulolo, Morobe District, New Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(tx)** Schedl 1975f: 350, 1979c: 265.

Genus *Hemicryphalus* Schedl

- HEMICRYPHALUS SCHEDL 1963h: 264. Type-species: *Eidophelus argutus* Wood, original designation.
Keys: Wood 1960a: 32.
Notes: (3) Schedl 1965a: 341 (used *Taphropterus*, nomen nudum, to cite a member of this genus).
References: **(hb)** Wood, S. L. 1986a: 90. **(ds)**

Wood, S. L. 1986a: 90. (tx) Schedl 1963h: 264, 1965a: 341; Wood, S. L. 1986a: 90.

argutus (Wood) 1960a: 33 (*Eidophelus*). Holotype ♀; Saipan, S. Mariana Is.; FMNH, Chicago.

Figures: Wood 1960a: 33.

Distribution: Micronesia (Saipan in Mariana Islands).

References: (tx) de Ruelle 1970: 101; Schedl 1963h: 264; Wood, S. L. 1960a: 33.

atomus (Wood) 1960a: 34 (*Eidophelus*). Holotype ♂; Kolonia (Yaptown), Yap, Yap Is.; USNM, Washington.

Distribution: Micronesia (Yap Islands).

References: (tx) Schedl 1963h: 264; Wood, S. L. 1960a: 34.

incomptus (Wood) 1960a: 32 (*Eidophelus*). Holotype ♀; Iwo Jima, Volcano Is.; FMNH, Chicago. Distribution: Micronesia (Iwo Jima in Volcano Islands).

References: (tx) Schedl 1963h: 264; Wood, S. L. 1960a: 32.

Genus *Eidophelus* Eichhoff

EIDOPHELUS EICHHOFF 1875: 200. Type-species: *Eidophelus imitans* Eichhoff, monobasic.

Phellodendrophagus Krivolutskaya 1958: 150.

Type-species: *Phellodendrophagus elegans* Krivolutskaya = *Eidophelus imitans* Eichhoff, monobasic. Synonymy: Schedl 1962q: 493.

References: (tx) Krivolutskaya 1958: 150; Schedl 1962q: 493.

References: (hb) Wood, S. L. 1986a: 90. (ds) Wood, S. L. 1986a: 90. (tx) Choo 1983: 76; Choo, Woo, & Nobuchi 1985b; Eichhoff 1875: 200; Hopkins 1915b: 8; Murayama 1930: 21–22; Niisima 1917: 1; Schedl 1935a: 158, 1962q: 493; Wood, S. L. 1960a: 31, 1986a: 90.

borneensis Browne 1984a: 153. Holotype, sex?; Baram (Sarawak) to Nagoya (Japan), imported; BMNH, London.

Distribution: Indonesia (Sarawak in Borneo).

Hosts: *Terminalia* sp.

References: (tx) Browne 1984a: 153.

gracilis Browne 1984a: 152. Holotype, sex?; Lasibu (New Britain) to Nagoya (Japan), imported; BMNH, London.

Distribution: New Britain Island.

Hosts: *Labnilla* log.

References: (ds) Ohno, Yoshioka, et al. 1989: 60. (tx) Browne 1984a: 152.

imitans Eichhoff 1875: 201. Syntypes, sex?; Japan: 1 in BMNH, London.

Figures: Krivolutskaya 1958: 150, Kusch 1967: 10.

Distribution: Asia (Uttar Pradesh in India/ Japan/ Korea/ Nepal/ Sri Lanka/ Sakhalin Island in E USSR).

Hosts: *Phellodendron sachalinensis*, *Quercus acutissima*, *Toxicodendron trichocarpum*.

References: (cn) Shiraki 1952. (ds) Blandford 1894c; Cho 1957; Choo & Woo 1985: 165; Hagedorn 1910d: 69; Kleine 1913b: 139, 1914b: 258, 1934a: 158; Ko 1969: 276; Murayama 1929b: 2, 1930b: 17, 1937b: 375, 1954b: 200; Nobuchi 1967: 20; Shiraki 1952. (tx) Choo 1983: 76; Eichhoff 1875: 201, 1877a: 118; Hagedorn 1910a: 90; Hopkins 1914: 121; Murayama 1930b: 17, 21–22, 31, 1937b: 375, 1954b: 200; Nobuchi 1981c: 29; Schedl 1934f: 1643, 1962b: 191.

elegans Krivolutskaya 1958(?) (p. ? 150) (*Phellodendrophagus*). Holotype, sex?; Sakhalin Island; Zoological Institute, Academy of Science, Vladivostok. Synonymy: Wood 1989: 172. Notes: Krivolutskaya 1958: 150 apparently is not the original description of this name.

References: (hb) Krivolutskaya 1973: 137.

(ds) Krivolutskaya 1965a: 236, 1973: 137; Krivolutskaya & Kupyanskaya 1970. (tx) Krivolutskaya 1958: 150; Schedl 1962q: 493; Wood, S. L. 1989: 172.

nitidus Schedl 1959a: 475 (*Ptilopodius*). Holotype ♀; Ceylon; Sabargamva, Millawitiya Estate; Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 172.

References: (ds) Evans, D., Lowe, & Hunt 1978; Kusch 1967; Schedl 1959a: 475, 1965g: 20. (tx) Kusch 1967: 10; Schedl 1959a: 475, 1979c: 170; Wood, S. L. 1989: 172.

minutissimus Schedl 1962b: 191. Holotype ♀; Tonkin; Saigon; MNHN, Paris.

Distribution: Asia (Vietnam).

Notes: (1) Schedl 1979c: 156 (suggested a transfer to *Acanthotomicus* [not seen by us]).

References: (tx) Schedl 1962b: 191, 1979c: 156.

minutus Blandford 1894d: 88. Holotype, sex?; Chinsenji, Japan; BMNH, London.

Distribution: Asia (Japan).

References: (ds) Blandford 1894c: 579; Hagedorn 1910d: 69; Kleine 1913b: 139, 1914b: 258; Murayama 1954b: 165. (tx) Blandford 1894d: 88; Hagedorn 1910a: 90; Lucas 1920: 256; Murayama 1954b: 165; Nobuchi 1981c: 29; Schedl 1934f: 1643. (ms) Lucas 1920: 256.

samoanus Schedl 1972b: 268. Holotype, sex?; Samoa, Upolu; Schedl Collection in NHMW, Wien.

Distribution: Samoan Islands.

References: (ds) Beaver 1976b: 536. (tx) Schedl 1972b: 268, 1979c: 218.

sumatranus Schedl 1961c: 72. Holotype, sex?; Sumatra's Ostkuste, Bandar Baroe, 850 m; Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Sumatra).

Notes: (1) Schedl 1979c: 246 (suggested a transfer to *Acanthotomicus* [not seen by us]).

References: (tx) Schedl 1961c: 72, 1979c: 246.

Genus *Hypocryphalus* Hopkins

Hypocryphalus Hopkins 1915b: 5, 41. Type-species: *Hypocryphalus rotundus* Hopkins, original designation.

Dacryphalus Hopkins 1915b: 5, 42. Type-species: *Dacryphalus obesus* Hopkins, original designation. Synonymy: Schedl 1938f: 45.

References: (tx) Hopkins 1915b: 5, 42; Schedl 1938f: 45, 1960g: 142; Wood, S. L. 1954a: 999.

References: (ay) Nobuchi 1969a: 58. (hb) Beaver 1957a: 18; Browne 1961c: 67; Schedl 1961k: 542, 1977a: 57; Wood, S. L. 1952b: 571. (ds) Beaver 1957a: 18; Beeson 1935: 255; Blackwelder 1947: 775; Brimblecombe 1953: 19; Browne 1961c: 67; Kalshoven 1945: 8; Schedl 1961k: 542, 1966b: 25, 1977a: 57; Wood, S. L. 1952b: 571. (tx) Arnett 1960: 1043, 1965: 1043; Hopkins 1915b: 5, 41; Schedl 1938f: 45, 1939i: 352, 1959a: 453, 1961k: 542, 1962l: 67, 1962m: 697–699, 1963j: 475, 1964i: 246–249, 1964m: 305, 1977a: 57; Wood, S. L. 1954a: 991, 1960a: 13, 1961a: 45, 1952b: 571, 1956a: 90.

aciculatus Schedl 1939e: 341. Lectotype, sex[?]; Malaya, Pahang; Semangkok For. Res., 2000 feet; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 10.

Distribution: Asia (Malaya).

References: (tx) Schedl 1939e: 341, 1962r: 106, 1979c: 10.

afiamalus Schedl 1951k: 145. Lectotype, sex[?]; Upolu, Afiamalu; 2100 feet; Schedl Collection in NHMW, Wien.

Distribution: Samoan Islands.

References: (ds) Beaver 1976b: 534. (tx) Schedl 1951k: 134, 145, 1979c: 14.

angustior (Eggers) 1927b: 300 (*Cryphalus*). Holotype ♂; Sud-Sumatra; Burn; USNM, Washington.

Distribution: Indonesia (Sumatra).

References: (tx) Anderson, W. H. & Anderson 1971: 4; Eggers 1927b: 300; Schedl 1950g: 36–37, 1979c: 21.

asper (Broun) 1881: 742 (*Tomicus*). Syntypes, sex[?]; Wellington, New Zealand; not located.

Distribution: New Zealand.

References: (ds) Hagedorn 1910d: 48; Kleine 1913b: 127. (tx) Broun 1881: 742; Schedl 1938f: 48, 1942c: 163.

bakeri (Eggers) 1927c: 77 (*Stephanoderes*). Syntypes, sex[?]; Philippinen: Catanduanes, Prov. Albay; Virac; Eggers Collection [not mentioned by either Anderson & Anderson 1971 or Schedl 1979c].

Distribution: Philippine Islands.

References: (ds) Schedl 1966b: 25. (tx) Eggers 1927c: 77; Nobuchi 1983: 300; Schedl 1951i: 50, 57, 1962h: 66.

basihirtus (Beeson) 1929: 227 (*Cryphalus*). Syntypes 2, sex[?]; [Samoa] Upolu; Malololelei; BMNH, London.

Distribution: Samoan Islands.

Hosts: *Myristica* sp.

Notes: (3) Schedl 1951k: 145 (redescription, male described).

References: (cn) Kalshoven 1954: 8. (ds) Beaver 1976b: 534; Beeson 1935b: 255. (tx) Beeson 1929: 227; Schedl 1951k: 134, 145.

bidentatus Browne 1950b: 353. Holotype, sex[?]; Wasag (Philippine) to Kinnura (Japan), imported; BMNH, London.

Distribution: Philippine Islands.

References: (tx) Browne 1950b: 353; Nobuchi 1983: 301.

brevior Schedl 1943b: 40. Lectotype, sex[?]; St. Theodoro, Mindoro [Island], Philippinen; USNM, Washington, designated by Anderson & Anderson 1971: 5.

Distribution: Philippine Islands (Mindoro).

References: (ds) Schedl 1966b: 26. (tx) Anderson, W. H. & Anderson 1974: 7; Nobuchi 1983: 301; Schedl 1943b: 40, 1979c: 46.

caplandicus Schedl 1965h: 115. Holotype, sex[?]; Cape Province, Grootvadersbosch; TMP, Pretoria.

Distribution: Africa (South Africa).

Hosts: *Podocarpus latifolius*, *Virgilia oroboides*.

References: (tx) Schedl 1965h: 115, 1979c: 52.

corpulentus Schedl 1942d: 22. Lectotype, sex[?]; Java, Momt Gede, 800 m; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 65.

Distribution: Asia (Malaya), Indonesia (Java).

Hosts: *Artocarpus scortechini*, *Hibiscus tiliaceus*.

References: (cn) Mathur & Singh 1960b: 51. (hb) Browne 1961c: 67. (ds) Browne 1961c: 67; Mathur & Singh 1960b: 51. (tx) Schedl 1942a: 176, 1942d: 22, 1953c: 289, 1979c: 65.

cylindripennis Schedl 1959a: 453. Holotype ♀; Ceylon; Millawitiya Estate; Schedl Collection in NHMW, Wien.

Distribution: Asia (Sri Lanka).

References: (ds) Schedl 1959a: 453. (tx) Schedl 1959a: 453, 1979c: 74.

cylindrus (Browne) 1950b: 647 (*Dacryphalus*). Holotype ♀; Malaya; Selangor, Kepong; BMNH, London.

Distribution: Asia (Malaya).

Hosts: *Palaquium stellatum*.

References: (tx) Browne 1950b: 647, 1961c: 68; Schedl 1959a: 453.

densepilosus Schedl 1942d: 21. Lectotype ♀; Java, Momt Gede, 800 m; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 77.

Distribution: Indonesia (Java).

References: (tx) Schedl 1942d: 21, 1948g: 27, 1979c: 77.

- discrepans** Schedl 1965c: 58. Holotype, sex?: Madagascar, Montagne d'Ambre, 1000 m; Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
References: (tx) Schedl 1965c: 58, 1977a: 59, 1979c: 82.
- dubiosus** Schedl 1970h: 177. Holotype, sex?: Alexandria (C.P.); NICP, Pretoria.
Figures: Schedl 1970h: 181.
Distribution: Africa (South Africa).
Hosts: *Ekebergia capensis*, *Elcendendron* sp.
References: (cn) Anonymous 1970c: 13, (ds) Anonymous 1970c: 13, (tx) Schedl 1970h: 177, 181, 1979c: 98.
- fici** Browne 1986a: 90. Holotype, sex?: Solomon Islands (Bougainville Island); Dios to Nagoya (Japan), imported; BMNH, London.
Distribution: Solomon Islands (Bougainville).
Hosts: *Ficus* sp. log.
References: (tx) Browne 1986a: 90.
- formosanus** Schedl 1952c: 62. Holotype, sex?: Formosa, Riran; Schedl Collection in NHMW, Wien.
Distribution: Asia (Taiwan).
References: (ds) Nobuchi 1967: 24, (tx) Schedl 1952c: 62, 1979c: 98.
- glabratus** Schedl 1959a: 484. Holotype ♀; Ceylon; Millawitiya Estate; Schedl Collection in NHMW, Wien.
Distribution: Asia (Sri Lanka).
References: (ds) Schedl 1959a: 484, (tx) Schedl 1959a: 484, 1979c: 105.
- granulatus** Schedl 1942a: 176. Lectotype, sex?: Malaya, Selangor; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 110.
Distribution: Asia (Malaya).
Hosts: *Myristica furfuracea*.
References: (ds) Browne 1961c: 67, (tx) Schedl 1942a: 176, 1979c: 110.
- imitans** Schedl 1951k: 148. Lectotype ♂; Upolu, Tapatapao, 800 feet; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 121.
Distribution: Samoan Islands.
References: (ds) Beaver 1976b: 534, (tx) Schedl 1951k: 134, 148, 1979c: 121.
- interponens** Schedl 1953b: 126. Lectotype ♀; Saigon, Jardin Botanique; Schedl Collection in NHMW, Wien.
Distribution: Asia (Sri Lanka/Vietnam).
References: (tx) Schedl 1953b: 126, 1979c: 127.
- kalambanganus** Schedl 1943b: 39. Lectotype, sex?: Kalambangan, Mindanao, Philippines; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 131.
Distribution: Philippine Islands (Mindanao).
References: (ds) Schedl 1966b: 26, (tx) Nobuchi 1983: 301; Schedl 1943b: 39, 1979c: 131.
- laeris** Browne 1980a: 374. Holotype, sex?: Batanta (New Guinea) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: *Calophyllum* sp.
References: (tx) Browne 1980a: 374.
- laticollis** Browne 1974a: 67. Holotype, sex?: Fiji; Viti Levu, Colo-i-Suva; BMNH, London.
Distribution: Fiji Islands.
Notes: (3) Schedl 1980d: 118 (treated as a synonym of *tutuilaensis*). Beaver 1991: 91 (a good species).
References: (ec) Roberts 1976: 380, (hb) Roberts 1976: 380, (ds) Browne 1974a: 64; Roberts 1976: 380, (tx) Beaver 1991: 91; Browne 1974a: 64, 67; Schedl 1980d: 118.
- longipilis** Browne 1981a: 128. Holotype, sex?: Bacan (Moluccas) to Omaezaki (Japan), imported.
Distribution: Indonesia (Moluccas), New Britain Island.
References: (tx) Browne 1981a: 128.
- malayensis** Schedl 1942a: 176. Lectotype ♀; Malaya, Pahang, Kemastil; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 146.
Distribution: Asia (Malaya), Indonesia (Borneo).
Hosts: Burceraceae sp., *Canarium littorale*, *Dacryodes rostrata*.
References: (hb) Browne 1961c: 67, (ds) Browne 1961c: 67, (tx) Schedl 1942a: 176, 1953c: 289, 1979c: 146.
- mangiferae** (Stebbing) 1914: 542 (*Cryphalus*). Lectotype ♀; Eastern Dum, northern India; BMNH, London, designated by Wood 1982b: 871, name conserved by plenary powers.
Distribution: Africa (Ghana/ Guinea/ Kenya/ Ivory Coast/ Mauritius/ Nigeria/ Tanzania/ Uganda/ Zaïre), Antilles Islands (Barbados/ Guadeloupe), Asia (Burma/ Nicobar Islands in India/ Malaya/ Sri Lanka/ Thailand), Australia (Queensland), Cook Islands (Rarotonga), Hawaii, Indonesia (Java), Madagascar, Micronesia (Caroline Islands, Palau), North America (Costa Rica/ Honduras/ Veracruz in Mexico/ Panama/ Florida in USA), Reunion Island, Samoan Islands, South America (Brazil/ Venezuela).
Hosts: *Mangifera indica*, *M. odorata*.
Notes: (1) Tubbs 1986: 245 (priority given *mangiferae* under plenary powers), (3) Schedl 1952: 62 (*africanus* Eggers, nomen nudum, synonymy), *Cryphalus robustus* Eichhoff may also be a synonym.
References: (ay) Browne 1962g: 77; Costa Lima 1929: 109–110; Gardner 1934: 11, (cn) Costa Lima 1956; Ebeling 1950, 1959; Pyenson 1938: 29–30, (ec) Silvas, Cayco, & Castro 1959: 13, (hb) Beeson 1929: 226, 1938: 288, 1940: 198, 1941: 374; Browne 1968: 350–351; Carvalho 1938; Castro da Silveira 1960: 54; Costa Lima 1956, 1957: 276–290; Ebeling 1950, 1951: 680; Kalsho-

ven 1954: 5; Medeiros & Rosetto 1966: 30–38; Paulian 1951: 27; Rao 1953: 52; Roberts 1969: 125; Tucker 1952: 347; Wichmann 1954: 503–510; Wood, S. L. 1953: 77. **(ds)** Beaver 1989a: 2, 1990a: 280; Beaver & Maddison 1990: 1371; Beeson 1940, 1961: 288; Blackwelder 1947; Blackwelder & Blackwelder 1948; Bright 1985c: 174; Browne 1964: 188, 1965: 188, 1970: 540; Costa Lima 1936: 355, 1956; Dumbleton 1954: 25, 134; Ebeling 1950, 1959; Hopkins 1927: 23–32; Kalshoven 1958: 164; Kleine 1934a: 148; Mathur & Singh 1961a: 45, 51, 1961b: 51; Numburg 1958: 479, 507; Paulian 1951: 27; Schedl 1959a: 483, 1960a: 76, 79, 1961k: 542–544, 1966f: 54, 1967d: 2, 1967e: 211; Swezey 1949: 445; Tucker 1952: 347. **(tx)** Beeson 1929: 226, 1940; Bright 1985c: 174; Costa Lima 1929, 1956; Eggers 1928c: 55, 1931c: 185; Hopkins 1927: 28; Kalshoven 1958: 164, 169; Schedl 1942a: 176, 1942d: 2, 1948g: 25–29, 1950g: 894, 1951j: 19, 1951k: 134, 1952c: 62, 1958k: 153, 1961k: 543–544, 1970e: 51, 1977b: 59; Stebbing 1914: 542–543; Swezey 1949: 445; Thirumala Rao 1953: 52; Wood, S. L. 1953: 77, 1954a: 962–966, 999–1000, 1087, 1960a: 24–27.

inops Eichhoff 1872a: 131 (*Cryphalus*). Holotype ♀; Guadeloupe; IRSNB, Brussels, name suppressed by plenary powers. Synonymy: Wood 1982b: 871.

References: **(ds)** Beeson 1929: 225; Blackwelder 1947: 778; Fleutiaux & Salle 1890: 457; Hagedorn 1910d: 43; Kleine 1913b: 118, 1914b: 379. **(tx)** Eichhoff 1872a: 131; Hagedorn 1910a: 86; Tubbs 1986: 245; Wood, S. L. 1982b: 871.

griseus Blackburn 1885: 194 (*Hypothecenus*). Holotype ♀; plains of Honolulu, Oahu, Hawaiian Islands; BMNH, London, name suppressed by plenary powers. Synonymy: Wood 1982b: 871.

References: **(ds)** Beeson 1938b: 289; Hagedorn 1910d: 43; Kleine 1913b: 124, 1914b: 302; Swezey 1949: 445. **(tx)** Blackburn 1885: 194; Hagedorn 1910a: 86; Hopkins 1915b: 24; Perkins 1900: 180; Sharp 1892: 194; Swezey 1949: 445–446; Wood, S. L. 1982b: 871.

mangiferac Eggers 1928c: 55. Lectotype ♂; Brazil; USNM, Washington, designated by Anderson & Anderson 1971: 19. Synonymy: Eggers 1931: 185.

References: **(en)** Anonymous 1961k, 1962g, 1962y; Estrada & Atkinson 1988: 209; Kalshoven 1954: 8; Stebbing 1914: 542; Thirumala Rao 1953: 52. **(cc)** Abrahao & Wegmuller 1974; Castro 1960a; Equihua & Atkinson 1986: 630; Stebbing 1914: 542. **(hb)** Abrahao & Wegmuller 1969; Beaver 1976b: 534; Beaver & Browne 1978: 588; Beeson 1929; Castro 1960a; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 630; Kalshoven 1958b: 164;

Schedl 1961k: 543, 1977a: 59; Stebbing 1914: 542; Wood, S. L. 1954a: 999, 1982b: 871. **(ds)** Anonymous 1961k, 1962g, 1962y; Atkinson & Equihua 1985c: 356; Beaver 1976b: 534; Beaver & Browne 1978: 588; Beeson 1929, 1938b, 1961: 288; Blackwelder 1947; Bright 1985c: 174; Browne 1970: 540; Castro 1960a; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 630; Estrada & Atkinson 1988: 209; Hopkins 1927: 28; Mathew 1982, 1987: 188; Numburg 1958a: 480; Pedrosa-Macedo & Schonherr 1985: 45; Schedl 1959a: 483, 1960d: 76, 1961k: 543, 1977a: 59; Thirumala Rao 1953: 52; Wood, S. L. 1977a: 70, 1982b: 871. **(tx)** Anderson, W. H. & Anderson 1971: 19; Beeson 1929; Bright 1985c: 174; Castro 1960a; Eggers 1928c: 85, 1931c: 185; Numburg 1958a: 480; Pedrosa-Macedo & Schonherr 1985: 45; Schedl 1959a: 483, 1961k: 543, 1977a: 59; Stebbing 1914: 542; Wood, S. L. 1954a: 999, 1982b: 871, 1984a.

subcylindricus Schedl 1942d: 16 (*Cryphalus*). Lectotype ♀; Java, Semarang, Buitenzorg; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 240. Synonymy: Schedl 1958k: 153.

References: **(hb)** Browne 1961c: 70. **(ds)** Browne 1961c: 70; Schedl 1959a: 482. **(tx)** Schedl 1942a: 169–171, 1942d: 16–17, 1953c: 289, 1958k: 153, 1959a: 482, 1979c: 240.

nimiticus Schedl 1942d: 17 (*Cryphalus*). Lectotype, sex?; Java; Paseroean; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 153. Synonymy: Kalshoven 1958: 164.

References: **(ds)** Schedl 1959a: 481. **(tx)** Kalshoven 1958: 164; Schedl 1942c: 171, 1942d: 17, 1959a: 481, 1979c: 153.

opacus Schedl 1942d: 20. Lectotype, sex?; Java, Buitenzorg; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 179. Synonymy: Kalshoven 1958: 164, Wood 1989: 173.

References: **(ds)** Maiti & Saha 1986: 157. **(tx)** Kalshoven 1958: 164; Schedl 1942a: 176, 1942d: 20, 1943b: 39, 1979c: 179; Wood, S. L. 1989: 173.

mindoroensis Schedl 1943b: 39. Lectotype ♀; Philippines, San Theodoro [Mindoro]; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 153.

Distribution: Philippine Islands.

References: **(ds)** Schedl 1966b: 26. **(tx)** Anderson, W. H. & Anderson 1971: 20; Nobuchi 1983: 301; Schedl 1942a: 176, 1943b: 39, 1979c: 153.

minor Schedl 1943b: 40. Holotype, sex?; Port Banga, Mindanao; Schedl Collection in NHMW, Wien.

Distribution: Philippine Islands (Mindanao).

References: **(hb)** Browne 1961c: 71. **(ds)** Browne

- 1961c: 71; Schedl 1966b: 26. (**tx**) Nobuchi 1983: 301; Schedl 1943b: 40, 1979c: 154.
- minutus** **Browne** 1980d: 495. Holotype, sex[?]; Surabaya (Java) to Osaka (Japan), imported; BMNH, London.
Distribution: Indonesia (Java).
Hosts: *Inggriis* log.
References: (**tx**) Browne 1980d: 495.
- montanus** **Schedl** 1974d: 460. Holotype ♀; Mt. Kaindi, 2250 m, Morobe District; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Dryadodaphne* sp.
References: (**tx**) Schedl 1974d: 460, 1979c: 158.
- moorei** **Schedl** 1964i: 247. Holotype ♂; Somersby, N.S.W., Australia; Australian Museum, Sydney.
Distribution: Australia (New South Wales).
Hosts: *Hakea sericea*.
References: (**hb**) Moore 1964: 300. (**tx**) Schedl 1964i: 247, 1979c: 159.
- nigrosetosus** **Schedl** 1948g: 27. Lectotype ♀; Queensland, Kalpowar; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 168.
Distribution: Australia (Queensland).
Hosts: *Capparis nobilis*.
References: (**ds**) Brimblecombe 1953: 19. (**tx**) Schedl 1948g: 27, 1951k: 148, 1979c: 168.
- nitidicollis** **Schedl** 1975g: 219. Holotype, sex[?]; New Guinea, Bismarck-Geb.; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1975g: 219, 1979c: 168.
- obesus** (**Hopkins**) 1915b: 42 (*Dacryphalus*). Holotype ♀; Pagbilao; USNM, Washington.
Distribution: Philippine Islands (Luzon).
Hosts: Margadilao log.
References: (**ds**) Kleine 1934a: 148; Schedl 1966b: 26. (**tx**) Hopkins 1915b: 42; Nobuchi 1983: 301.
- obscurus** **Hopkins** 1915b: 41. Holotype ♀; Calapan, P.I.; USNM, Washington.
Distribution: Philippine Islands (Mindoro).
Hosts: *Cacao silvestre*.
Notes: (3) Schedl 1963j: 480 (*setulosum* Eggers, nomen nudum[?], cited as a possible synonym of *obscurus* Hopkins).
References: (**ds**) Kleine 1934a: 148; Schedl 1966b: 26. (**tx**) Hopkins 1915b: 41, 42; Nobuchi 1983: 301; Schedl 1963j: 480.
- oralicollis** **Schedl** 1942c: 177. Holotype, sex[?]; Australien, Tambourin Mountain; Schedl Collection in NHMW, Wien.
Distribution: Australia.
References: (**tx**) Schedl 1942c: 177, 1979c: 181.
- perminimus** (**Schedl**) 1942d: 13 (*Cryphalus*). Lectotype, sex[?]; Java, Semarang teak forest; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 90.
Figures: Numberg 1961b: 626.
- Distribution: Asia (Ryuku Islands/ Malaya), Fiji Islands, Indonesia (Java), New Britain Island, New Guinea, Philippine Islands.
Hosts: *Artocarpus* spp., *Ficus* sp., *Pterocarpus indicus*.
Notes: (1) Schedl 1958k: 153 (to *Hypocryphalus*).
References: (**ec**) Roberts 1976: 351. (**hb**) Browne 1961c: 68; Kalshoven 1958b: 164; Roberts 1976: 351. (**ds**) Browne 1961c: 68, 1966: 241, 1974a: 64, 1980a: 371; Roberts 1976: 351; Schedl 1966b: 26. (**tx**) Nobuchi 1983: 301; Schedl 1942a: 169–170, 1942c: 170, 1942d: 13, 1951k: 145, 1958b: 99, 1958k: 153, 1962p: 697, 1979c: 190.
- constrictus** **Schedl** 1942d: 22. Lectotype, sex[?]; Java, Britenzorg; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 64. Synonymy: Schedl 1958k: 153.
References: (**tx**) Schedl 1942c: 174, 1942d: 22, 1950f: 49, 1958k: 153, 1979c: 64.
- constrictus** **Schedl** 1942c: 174 (*Cryphalus*). Holotype, sex[?]; New Guinea; Schedl Collection in NHMW, Wien. Synonymy: Kalshoven 1958: 164.
References: (**tx**) Kalshoven 1958: 164; Schedl 1942c: 174, 1942d: 22, 1950f: 49, 1954a: 139, 1958k: 153, 1979c: 64.
- froggatti** **Numberg** 1961b: 611. Holotype, sex[?]; New Britain, Rabaul; BMNH, London. Synonymy: Schedl 1962n: 697.
References: (**tx**) Numberg 1961b: 611, 626; Schedl 1962n: 697.
- pilifer** **Schedl** 1979g: 98. Holotype, sex[?]; New Guinea, N. E., Wan, Mt. Kaindi, Nami Creek; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1979g: 98.
- piliger** **Schedl** 1975g: 219. Holotype, sex[?]; New Guinea; Wan; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1975g: 219, 1979c: 194.
- polynesiae** **Schedl** 1979g: 105. Holotype, sex[?]; Samoa; Schedl Collection in NHMW, Wien.
Distribution: Samoan Islands.
References: (**tx**) Schedl 1979g: 105.
- reflexus** **Browne** 1980b: 383. Holotype, sex[?]; Ulamona (New Britain) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Britain Island.
References: (**tx**) Browne 1980b: 383.
- rotundus** **Hopkins** 1915b: 41. Holotype, sex[?]; Pagbilao, P.I.; USNM, Washington.
Distribution: Philippine Islands (Luzon).
Hosts: *Dipterocarpus grandiflorus*.
References: (**ds**) Beeson 1938b: 289; Kleine 1934a: 148; Schedl 1966b: 27. (**tx**) Hopkins 1915b: 41; Nobuchi 1983: 301; Wood, S. L. 1954a: 999.

- sandakanaensis** (Schedl) 1937c: 548 (*Cryphalus*).
Lectotype ♀; N. Borneo, Bettotan, near Sandakan; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 219.
Distribution: Indonesia (Borneo)
Hosts: *Garcinia* sp.
References: (tx) Schedl 1937c: 548, 1939f: 37, 1942a: 169–170, 1979c: 219.
maculatus Browne 1961a: 303. Holotype, sex?; Sarawak: Bako National Park; BMNH, London. Synonymy: Wood 1989: 173.
References: (hb) Browne 1961a: 303, (tx) Browne 1961a: 303; Schedl 1942a: 169; Wood, S. L. 1989: 173.
- spathulatus** Schedl 1935f: 49. Lectotype, sex?; Cairns district; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 233.
Distribution: Australia (Queensland).
References: (hb) Yimus & Hua 1980: 228, (ds) Brimblecombe 1953: 19; Schedl 1966b: 27; Yimus & Hua 1980: 228, (tx) Nöbuchi 1983: 301; Schedl 1935f: 49–50, 1979c: 233.
- striatus** Hopkins 1915b: 41. Holotype ♀; Calapan, P.I.: USNM, Washington.
Distribution: Asia (Malaya), Philippine Islands (Mindoro).
Hosts: *Caurium* sp., *Parinarium* sp.
References: (ds) Beeson 1961: 287–288; Kleine 1934a: 148, (tx) Hopkins 1915b: 41–42; Schedl 1939c: 328, 1942a: 176.
- sumatranus** (Schedl) 1939f: 38 (*Dacryphalus*).
Lectotype, sex?; Solok, Sumatra; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 246.
Distribution: Indonesia (Sumatra).
Hosts: *Myristica fragrans*.
References: (cn) Kalshoven 1954: 5, (hb) Kalshoven 1958b: 164, (ds) Browne 1980d: 492, (tx) Schedl 1939f: 38, 1979c: 246.
- tongaensis** Schedl 1979g: 104. Holotype, sex?; Tonga, Tongatapu; Schedl Collection in NHMW, Wien.
Distribution: Tongan Islands.
References: (tx) Schedl 1979g: 104.
- triangularis** Schedl 1975f: 351. Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 351, 1979c: 255.
- tutuilaensis** Schedl 1951k: 147. Lectotype ♂; Samoa: Tutuila, Fagatogo, 800 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 259.
Distribution: Samoan Islands.
Hosts: *Calophyllum* sp.
References: (ds) Beaver 1976b: 534, (tx) Schedl 1951k: 134, 147, 1979c: 259.

Genus *Cryphalus* Erichson

- CRYPHALUS** ERICHSON 1836: 61. Type-species: *Bostrichus asperatus* Gyllenhal, subsequent designation by Thomson 1859: 147, lectotype designated for type-species by Wood 1972f: 41.
Pseudocryphalus Ferrari 1868b: 252. Type-species: *Pseudocryphalus siducyanus* Ferrari, monobasic. Synonymy: Wood 1986a: 91.
References: (tx) Eggers 1931c: 185; Ferrari 1868b: 252; Wood, S. L. 1986a: 91.
Taenioglyptes Bedel 1888b: 398. Type-species: *Bostrichus abietis* Ratzeburg = *Bostrichus asperatus* Gyllenhal, original designation. Synonymy: Wood 1972f: 40.
References: (tx) Balachowsky 1949a: 205; Bedel 1888b: 398; Bright & Stark 1973: 67; Wood, S. L. 1954a: 960, 1001, 1972f: 40.
Cryptarthrum Blandford 1896b: 200. Type-species: *Cryptarthrum walkeri* Blandford, monobasic. Synonymy: Schedl 1963i: 62.
References: (tx) Blandford 1896b: 200; Hopkins 1915b: 8; Schedl 1963i: 62.
Allarthrum Hagedorn 1912c: 355. Type-species: *Allarthrum kolbci* Hagedorn, monobasic. Synonymy: Wood 1986: 91.
References: (tx) Hagedorn 1912c: 355; Wood, S. L. 1986: 91.
Erieryphalus Hopkins 1915b: 8, 38. Type-species: *Erieryphalus hawaii* Hopkins = *Hypothenemus sylvicola* Perkins, original designation. Synonymy: Schedl 1962r: 92.
References: (tx) Beeson 1938: 288; Hopkins 1915b: 8, 38; Schedl 1939i: 383, 1942d: 14, 1957d: 1–162, 1958k: 142, 1961k: 455, 1962r: 92, 1963i: 62; Wood, S. L. 1960a: 22.
Piperius Hopkins 1915b: 8, 39. Type-species: *Piperius pini* Hopkins = *Hypothenemus sylvicola* Perkins, original designation. Synonymy: Schedl 1962r: 92.
References: (tx) Hopkins 1915b: 8, 39; Schedl 1962r: 92, 1963i: 62.
Ernoeryphalus Murayama 1958: 934. Type-species: *Ernoeryphalus hirosimensis* Murayama, original designation. Synonymy: Schedl 1963i: 62.
References: (tx) Murayama 1958: 934; Schedl 1962p: 203, 1963i: 62.
Aeryphalus Tsai & Li 1963: 604, 622. Type-species: *Cryphalus lipingensis* Tsai & Li, subsequent designation by Wood 1984b: 224. Synonymy: Wood 1984b: 224.
References: (tx) Tsai & Li 1963: 604, 622; Wood, S. L. 1984b: 224.
Jugoeryphalus Tsai & Li 1963: 602, 622. Type-species: *Cryphalus picus* Eggers, subsequent designation by Wood 1984b: 224. Synonymy: Wood 1984b: 224.
References: (tx) Tsai & Li 1963: 602, 605, 622; Wood, S. L. 1984b: 224.
Keys: Wood 1954a: 1002, 1960: 23, 1982b: 867 for

North America and Micronesia: Balachowsky 1949a: 206, Reitter 1913a: 66, Stark 1952: 254 for Europe and parts of Asia.

References: **(ay)** Fisher 1937: 118; Fuchs 1912: 14–33; Hymons 1921: 103; Nusslin 1910: 289–298, 1911, 1912; Nobuchi 1969a: 55, 57; Tsai & Li 1963: 597. **(cn)** Beaver 1987a; Beeson 1916: 1–5. **(ce)** Nickle 1976b. **(hb)** Barbey 1901: 69; Bargmann 1906: 315; Beaver 1987a: 17; Beeson 1941: 372; Blackman 1950; Bright & Stark 1973: 66; Brimblecombe 1953: 15; Browne 1961c: 68; Escherich 1923: 446–476; Feytaud 1950: 9; Judeich & Nitsche 1895: 448, 451; Mayne 1917: 1–80; Mmro 1946: 5–60; Nusslin 1907: 613; Schedl 1958d: 188, 1961k: 457, 1981b: 74; Tragardh 1930c: 469–480, 1931: 58; Wood, S. L. 1982b: 867, 1986a: 91. **(ds)** Beaver 1987a: 17; Bright & Stark 1973: 68; Browne 1961c: 68; Caubil 1849: 126; Hagedorn 1910d: 40; Nüsima 1908: 89; Schedl 1961k: 455, 1966b: 19, 1981b: 74; Scheerpeltz & Winkler 1930: 257; Tsai & Li 1963: 597; Wichmann 1927: 356–362; Wood, S. L. 1982b: 867, 1986a: 91. **(tx)** Arnett 1960: 1043, 1968: 1043; Balachowsky 1949a: 200, 205; Beal & Massey 1945: 59, 119; Bedel 1888b: 396–397; Beeson 1938b: 257; Berger 1916: 227–228; Bertolini 1872: 201; Blandford 1894b: 201, 1904: 225, 234; Blatchley & Leng 1916: 605–606; Bright 1976d: 112; Bright & Stark 1973: 66; Browne 1965: 188; Chamberlin 1918: 12–13, 1939: 316–327, 1958: 130–132; Chatterjee 1917: 1–4; Choo 1983: 70; Choo, Woo, & Nobuchi 1988b; Dodge 1938: 48; Duffly 1953: 6; Eggers 1943c: 68; Eichhoff 1864: 34–35, 45–46, 1868c: 391, 1872a: 132, 134, 1875a: 384, 1878b: 34–487, 1881a: 45, 172, 1883: 107, 109; Endrodi 1957b: 417; Erichson 1836: 61; Fauvel 1887: 276; Ferrari 1867a: 10–18, 1867b: 113; Gardner 1934: 4, 11; Gozis 1886: 278; Hagedorn 1910a: 84–85; Hopkins 1914: 119, 130–135, 1915b: 8, 39–40, 1915c: 180–226; Inouye & Nobuchi 1957: 46–48; Jacquelin du Val & Fairmaire 1868: 104–105; Kalina 1970: 125; Karaman 1972: 118; Krivolutskaya 1958: 107, 140; Kurenzov 1941: 159–162, 230–231; Lacordaire 1866: 373; LeConte 1868: 151–152, 1876: 349, 362; LeConte & Horn 1883: 518; Lindemann 1876: 148–168, 345; Lovendal 1889: 17–18; Luigioni 1929: 996; Murayama 1930: 14, 1958: 935; Nüsima 1909: 141; Numborg 1954: 48–52; Nusslin 1898: 276, 280; Peyerimhoff 1935: 194, 196; Pfeiffer 1989a: 81; Prell 1930: 638; Ratzeburg 1837: 139, 163; Redtenbacher 1845: 95, 151, 162; Reitter 1889: 94, 1894: 69–75, 1906: 11, 1913a: 65–66, 1916: 287–288; Saalas 1914: 73, 83; Schedl 1934f: 638, 1938i: 24, 1957d: 1–162, 1960b: 105, 1960i: 105, 1961k: 455, 458, 1962r: 91–93, 1963b: 266, 1963i: 62, 1967f: 154–155, 1968e: 261–270, 1969i: 129, 1977b: 38, 1981b: 74; Schimitschek 1937: 50–52; Seidlitz 1891a: 561–563, 1891b: 151, 607–608; Sharp 1879: 101;

Sokanovskii 1954: 16; Spessivtsev 1922: 471, 1931: 88; Stark 1936c: 142–144, 1952: 15–280; Stebbing 1914: 528; Stressemann et al. 1989: 351; Swaine 1909: 91–92, 1918a: 87–89; Thomson 1859: 147, 1865: 354; Trappen 1935: 142; Tsai & Li 1963: 597, 600; Wollaston 1960: 364–365; Wood, S. L. 1954a: 980, 1960a: 23, 1961a: 45, 1967a: 121–122, 1972f: 41, 1974: 171, 1982b: 867–871, 1986a: 91; Yin & Huang 1981: 561; Yin, Huang & Li 1984: 97; Zivojnovic 1948: 65–73.

abbreviatus Schedl 1943b: 35. Lectotype ♀; Catbalogan, Ins. Samar, Philippines; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 8.

Distribution: Asia (Okinawa in Japan/ Ryuku Islands), Philippine Islands (Samar).

References: **(cn)** Egorov 1958: 1492; Ekici 1971. **(hb)** Ekici 1971. **(ds)** Krivolutskaya 1965: 234; Nobuchi 1985c: 13; Schedl 1971c: 363. **(tx)** Nobuchi 1959c: 22; Schedl 1943b: 35, 1951i: 50, 57, 1979c: 8.

alni Krivolutskaya 1958: 145. Holotype, sex?; Sakhalin Island; Gornoravdsk region, Valley of Kuznetsovsk and Ribatsko rivers; Zoological Institute, Academy of Science, Vladivostok.

Distribution: Asia (E USSR).

Hosts: *Alnus* sp.

References: **(hb)** Krivolutskaya 1973: 136. **(ds)** Krivolutskaya 1964a: 234, 1973: 136. **(tx)** Krivolutskaya 1958: 141–145.

aquilonius (Nobuchi) 1975: 52 (*Taenioglyptes*). Holotype ♀; Nigorikawa, Hokkaido, Japan; Nobuchi Collection, Ibaraki.

Figures: Nobuchi 1975: pl. 2, fig. 14.

Distribution: Asia (Japan).

Hosts: *Carpinus cordata*.

References: **(ds)** Nobuchi 1985c: 13. **(tx)** Nobuchi 1975: 52.

araucariae Schedl 1969b (1970): 214. Holotype, sex?; New Guinea, Bulolo, Morobe Dist.; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Araucaria cunninghamii*.

References: **(tx)** Schedl 1969b (1970): 214, 1979c: 24.

armatus Schedl 1974d: 459. Holotype, sex?; Wau, Morobe District; BPBM, Honolulu.

Distribution: New Guinea.

References: **(tx)** Schedl 1974d: 459, 1979c: 26.

artestriatus (Browne) 1970: 553 (*Taenioglyptes*). Holotype ♀; Uganda; Zika; BMNH, London.

Distribution: Africa (Uganda).

References: **(tx)** Browne 1970: 553.

artocarpus (Schedl) 1939e: 342 (*Eriocryphalus*). Syntypes, sex?; Malaya, Selangor; Kepong; BMNH, London, and Schedl Collection in NHMW, Wien.

Distribution: Asia (Malaya).

Hosts: *Artocarpus kunstleri*.

Notes: (3) Beeson 1941 (1961: 287) (*artocarpus*, nomen nudum).

References: (hb) Yunus & Hua 1980: 228. (ds) Beeson 1941 (1961: 287); Browne 1961c: 68, 1984a: 150, 1984b: 287; Yunus & Hua 1980: 228. (tx) Schedl 1939c: 342, 1979c: 27.

asperatus (Gyllenhal) 1813: 363 (*Bostrichus*).

Lectotype, sex?: Sweden: University of Uppsala Museum, designated by Wood 1972f: 41.

Figures: Balachowsky 1949a: 210, 216.

Distribution: Africa (Algeria/ Morocco), Asia (Honslu in Japan/ Turkey), Europe (Austria/ Belgium/ Bulgaria/ Czechoslovakia/ Denmark/ England/ Finland/ France/ Germany/ Greece/ Hungary/ Italy/ Luxemburg/ Netherlands/ Norway/ Poland/ Romania/ Spain/ Sweden/ Switzerland/ W USSR/ Yugoslavia).

Hosts: *Abies pectinata*, *Picea excelsa*, *Larix* sp., *Pseudotsuga douglasii*.

Notes: (1) Due to an ancient error in identification, that has been perpetuated, numerous citations of this name actually refer to *Trypophloeus binodulus*, a species that breeds in *Populus* spp.

References: (ay) Heeger 1866: 533–537. (bv) Chararas 1980b: 563; Grune 1979: 101. (cn) Chararas 1972; Escherich 1917: 97–115; Karpinski 1933: 52–56; Wachtl 1901: 381. (hb) Eichhoff 1881a: 45, 179, 1882a: 241; Heeger 1866: 533–537; Henschel 1885b, 1895a: 166; Ratzeburg 1839: 197; Schwerdtfeger 1981: 188; Wachtl 1901: 381, 1876a: 458. (ds) Allen, A. A. 1977; Barthe 1896; Brakman 1966b: 206; Buresh & Lazarov 1956; Ericson & Sandin 1893; Gemminger & Harold 1872: 2683; Gozis 1875: 80; Grill 1895: 309; Grouzelle 1905; Grune 1979: 101; Gyllenhal 1827: 624; Hagedorn 1910d: 41; Henschel 1895a: 166; Heyden, Reitter, & Weise 1883: 182; Kaltenback 1874: 655; Kamp 1979; Kangas 1964d, 1966d; Kestercanek 1881a: 12; Klefbeck & Sjöberg 1960: 230; Kraatz 1869: 59; Lacordaire 1866: 379; Leclercq 1971; Lucht 1987: 278; Negru 1966b: 401; Nuorteva 1971: 71; Ortzen 1886: 279; Pfeffer 1989a: 84; Postner 1974: 428; Ratzeburg 1839: 197; Redtenbacher 1855: 832, 1874: 376; Reitter 1869b: 154; Sahlberg 1900: 105; Schaum 1859: 96, 1862: 101; Schedl 1964f; Schwerdtfeger 1981: 188; Seidlitz 1872: 393, 1891a: 562, 1891b: 607; Stielke 1875: 283; Stein 1868: 114; Stein & Weise 1877: 164; Stierlin 1898: 439; Stierlin & Cantard 1871: 292; Sturm 1843: 230; Thomson 1859: 146, 1865: 359, 1868: 219; Wachtl 1876a: 458; Westhoff 1882: 238; Winter, T. G. 1983: 28. (tx) Bach 1854; Balachowsky 1949a: 215; Beeson 1938b: 287; Bertolini 1872; Eichhoff 1864b: 35, 1866: 276, 1876a: 378, 1878b: 125, 1881a: 45, 179, 1883a: 109, 132; Erichson 1836: 62; Fauvel 1889; Ferrari 1867a: 11, 15, 80, 1867b: 114; Gebien 1907: 197; Grune 1979: 100–101; Gyllenhal 1813: 368, 1827: 624;

Hagedorn 1904: 230, 1910a: 85; Henschel 1895a: 166; Hopkins 1914: 118, 1915b: 39, 1915c: 221, pls. 9–10, fig. 1; Kalina 1969; Lacordaire 1866: 379; Letzner 1844: 68, 1891: 375; Lucht 1987: 278; Negru 1966b: 401; Postner 1974: 428; Ratzeburg 1839: 197; Redtenbacher 1849a: 791, 1849b: 26, 1858: 832, 1874: 376; Sahlberg 1836: 153; Schedl 1934f: 1639; Seidlitz 1872: 393, 1891a: 562, 1891b: 607; Stierlin 1898: 439; Thomson 1859: 146, 1865: 359, 1868: 219; Wood, S. L. 1954a: 988, 1972f: 42.

abietis Ratzeburg 1837: 163 (*Bostrichus*). Syn-types, sex?: Ober-Schleien, Ostprussen, dem Thüringer Walde und dem Harze; MNB, Berlin. Synonymy: Wood 1972f: 41.

References: (ay) Chararas 1973c; Escherich 1923b: 481, 597; Feystand 1950a; Ritchie 1919: 171–199; Scherlb 1971. (bv) Byers, Anderbrant, & Lofqvist 1989; Chararas 1973c; Chararas, Desveaux, & Kogane-Charles 1978a; Chararas et al. 1982: 1094; Grune 1979: 107; Kevdina 1897: 108; Magena, Gaspar, Severin 1982; Naumann-Etienne 1978a; Nuorteva 1956c: 94; Nuorteva & Nuorteva 1965; Tragardh 1930b: 108; Winter, K. 1980. (cn) Anonyms 1978i; Barbey 1906a; Borcea 1924: 221–260; Bricean 1950; Byers, Anderbrant, & Lofqvist 1989; Chararas 1961b: 69, 1961c: 92, 1978; Chorbadzhiev 1929; Eckstein 1926: 578; Escherich 1923b: 481, 597, 1936; Esterberg 1959; Feystand 1946, 1950a; Forbes 1910; Gabler 1955; Georgescu et al. 1957: 357, 460; Hanson 1937; Hartig 1861: 330; Hless & Beck 1914: 265, 1927: 321; Inouye & Yamaguchi 1955a: 235; Joly 1976; Judeich & Nitsche 1895: 526; Kailidis & Georgivits 1972; Kalandra 1944; Kamp 1950; Keller 1903b: 49; Kholodkovskii 1912: 278, 307; Koch 1913: 100; Komarek et al. 1931: 1–256; Kozikowski 1929: 254; Krmstler 1864: 783; Lekander 1955b: 17; Lozovoi 1961: 91–113; Lozovoi & Tropin 1965, 1967; MacDougall 1917: 1–38; Marcu 1926c: 63; Mokrzecki 1925: 1–7; Müller 1912: 185; Nestertschnk 1930: 176; Nosek 1951: 107, 1952b: 98; Nuorteva & Nuorteva 1968; Nusslin 1913: 227; Pfeffer 1928a: 467, 1950c: 3; Pierce, W. D. 1917: 69; Rhumbler 1922: 299, 1927: 312; Ritchie 1916: 301–302, 1919: 171; Ruhl 1958: 287; Schimitschek 1930d: 136, 1937c: 52, 1938b: 114, 1955a: 32, 36, 1955c: 82, 1964a; Schwerdtfeger 1944a: 180, 1957a: 186; Stewart 1915: 70; Tragardh 1919: 237–248, 1938a: 12; Wachtl 1901: 381; Weber, H. 1926: 578; Wichmann 1927b: 374; Zolk 1937: 147–172. (ce) Apfelbeck 1916b; Balazy & Michalski 1960, 1964a; Barbey 1906a, 1927; Capek 1957; Chararas 1959g; Chararas, Desveaux, & Kogane-Charles 1978a; Eidmann 1974b; Galonx 1947c, 1948a; Gillanders 1906;

- Heqvist 1963: 152; Hierholzer 1954b: 357; Inouye & Yamaguchi 1955a: 235; Kielczewski 1976; Kielczewski & Wisniewski 1978, 1983; Kleine 1905c: 186, 1909a: 46, 1944: 74; Kraemer 1950b: 379; Lozovoi & Tropin 1965, 1967; Lundberg 1984; Michalski & Ratajezak 1989; Naumann-Etienne 1978a; Nosck 1951: 107, 1952b: 98; Nuorteva 1957b: 68; Nuorteva & Nuorteva 1968; Nusslin 1927: 300; Perris 1856a: 244; Pfeffer 1923a: 331, 1932a: 5, 1943b: 179, 1950c: 3, 1955b: 84, 1959: 2; Poinar 1975: 151; Ratzburg 1869a: 79; Rulm 1955c: 176, 1956b: 3; Saalas 1917a: 18, 1930: 118; Schimitschek 1955a: 32, 36, 1964a; Schwerdtfeger 1944a: 180, 1957a: 186; Sedlaczek 1908: 46, 1935a: 163; Sitowski 1930: 4; Thompson, W. R. 1943: 37; Wichmann 1959: 412; Winter, K. 1980; Wisniewski 1979b; Zuur 1985b, (hb) Altum 1881c: 321; Apfelbeck 1916b, 1917; Barbey 1901: 23, 71, 1925: 164; Belfa 1949, 1961; Boas 1923: 360; Borcea 1924; Budge 1949; Ceconi 1924; Chararas 1961b: 69, 1961c: 92, 1962c: 251; Charvat 1950; Chorbadzhievo 1929; Dallimore & Munro 1922; Eckstein 1897, 1926: 578; Eichhoff 1881a: 45, 176, 1882a: 241; Eidmann 1974b; Escherich 1923b: 481, 597; Everts 1903: 755; Feytaud 1946, 1950a; Fuchs 1904a, 1906c: 209, 1907: 48; Gabler 1955; Galoux 1947a, 1948a; Gillanders 1906, 1908; Gornostaev 1916: 314; Györfi 1957; Hagedorn 1903a; Hartig 1861: 330; Heinemann 1909; Henschel 1876a: 34, 240, 1895a: 166; Hess & Beck 1914: 265, 1927: 321; Hulnagl 1887: 512; Joly 1976; Judeich & Nitsche 1895: 526; Kahllich 1865b; Karpinski 1933b: 28; Karpinski & Strawinski 1945: 155; Karsch 1883: 142; Kholodkovskii 1912: 278, 307; Kraemer 1950b: 379; Lengerken 1939: 62, 1954: 83; Lozovoi & Tropin 1965, 1967; Lmardoni & Leonardi 1889: 458; MacDougall 1917: 127; Magera, Gaspar, & Severin 1982; Masutti 1964; Munro 1926: 60; Naumann-Etienne 1978a; Nordlinger 1856: 28; Numberg 1929: 102, 1947c: 106, 1948: 1-30; Nuorteva 1956c: 94; Nusslin 1898: 280, 1906b: 14, 1913: 227, 1927: 300; Palm 1954a: 185; Perris 1856a: 244; Pfeffer 1941b: 1, 1941c: 5, 1989a; Postner 1974: 430; Ratzburg 1837: 135, 163, 1839: 165, 198; Rhumbler 1922: 299, 1927: 312; Ritchie 1919: 171; Rupertsberger 1879: 231, 1880: 229; Saalas 1913a: 69, 83; Schimitschek 1955a: 32, 36; Schwerdtfeger 1944a: 180, 1957a: 156, 1981: 192; Sedlaczek 1935a: 163; Spessivtsev 1913a: 91; Stark 1926a: 335, 1952: 265; Thum 1885: 24; Tragardh 1929a: 313, 1930b: 108, 1930c: 474, 1931: 57, 1939b: 147, 198; Tredl 1908a: 30; Tschorbadzhiev 1929: 166; Wachtl 1876a: 458, 1901: 381; Weber, H. 1926: 578; Wichmann 1927b: 374; Winter, K. 1980, (ds) Ammann & Knabl 1913, 1923; Andersch 1851; Anonymous 1978i; Arnoldi et al. 1955: 687; Arru, Covassi, & de Bellis 1966: 32; Balazs & Michalski 1960; Barthe 1896; Bau 1888; Bedel 1888b: 398; Belfa 1949; Bejer-Petersen & Jorrm 1977: 23; Benick 1921; Benz 1985; Bielz 1887; Boas 1923: 360; Borcea 1924; Borchert 1951; Brakman 1966b: 206; Braucsik 1871; Bucking 1932; Buresh & Lazarov 1956; Butovitsch & Heqvist 1947; Ceconi 1897; Chapuis & Candeze 1853; Chararas 1962c: 251; Charvat 1950; Chorbadzhievo 1924d, 1929; Crotch 1863; Dallimore & Munro 1922: 189-193; Dejean 1821, 1825, 1837; Eder 1934; Eggers 1904; Eidmann 1974b; Endrodi 1955b; Ermisch 1953; Escherich 1923b: 481, 597, 1932b; Esterberg 1928, 1959; Everts 1922: 642; Favre 1890; Florov 1949: 85; Forster 1849: 439; Fowler 1891; Fuchs 1904a, 1905a, 1906c: 209, 1907: 48; Gaubil 1849: 126; Gornostaev 1917: 308-315; Gozis 1875: 80; Grill 1895: 309; Grouzelle 1905; Grune 1979: 107; Gussmann 1919; Hagedorn 1903a, 1910d: 40; Hansen, V. 1939, 1956, 1964: 462; Heinemann 1908a; Hellen 1947; Hennig 1954: 257; Henschel 1895a: 166; Heyden 1879: 140; Heyden, Reitter, & Weise 1883: 182, 1891: 671, 1906: 711; Horion 1951; Inouye & Nobuchi 1957: 49; Jamnicky 1960a; Jazentkovsky 1912: 288; Joly 1960; Judeich & Nitsche 1895: 526; Kahllich 1865b; Kailidis & Georgivits 1972; Kaltenbach 1874: 685; Karpinski 1931: 27, 1933b: 28, 1948b: 230; Karpinski & Strawinski 1948: 155; Keler 1925b: 272; Kersten 1933: 74; Klefbeck & Sjoberg 1969: 230; Kleine 1912a: 262, 264, 267, 1913a: 35, 1913b: 118, 1934a: 142; Kloft & Hlinks 1945: 218; Koltze 1901: 153; Kono & Tamamki 1939: 88, 91; Koschitsky 1900: 83; Kozikowsky 1921: 180; Kraatz 1869: 59; Kurir 1947c: 15; Lacordaire 1866: 379; Langhoffer 1915c: 157; Leclercq 1971; Leiler & Pritz 1977; Lekander 1955b: 17; Leng 1918: 211; Lentz 1857: 139; Lindemann 1884b: 264; Lokaj 1868: 64; Lomnicki 1913b: 148; Lucht 1987: 278; Lmardoni & Leonardi 1889: 458; Lundberg 1979: 31, 1981: 151; Lundblad 1950c: 115; Marcu 1926c: 63; Matthews & Fowler 1883: 42; Mequignon 1936: 48; Michalski 1957: 164; Munro 1921: 57, 1926: 4-77; Munster 1922a: 155, 1928: 289; Murayama 1948: 2, 1949a: 12, 1951c: 3, 1954b: 162; Nash, D. R. 1978; Negri 1966b: 402, 1968a: 456; Nobuchi 1985c: 13; Numberg 1927a: 213, 1928b: 88, 105, 1954: 52; Nusslin 1898: 280; Orest 1926c: 63; Paclier 1865: 152; Palm 1959: 351; Perris 1876a: 254, 1877a: 414; Pfeffer 1924b: 471, 1931b: 74, 1947e: 2, 1950b: 75; Pierce, W. D. 1917: 69; Pittioni 1943: 175; Postner 1974: 430; Power 1865: 212; Rapp

- 1934: 727; Ratzelburg 1837: 135, 163, 1839: 165, 198; Redtenbacher 1855: 832; Reitter 1869b: 154, 1889a: 94, 1894a: 70, 1916: 285; Roubal 1935b: 72, 1941: 263; Saalas 1913a: 69, 83, 1917a: 18, 1930: 118, 1931: 68; Sahlberg 1900: 105; Sainte-Claire & Mequignon 1938: 445; Schaschl 1854: 133; Schaufuss 1915: 1231; Schumm 1859: 96, 1862: 101; Schedl 1959h: 100, 1961b: 184, 1967c: 70, 1980a: 14, 1981b: 75; Schilsky 1909: 185; Schimitschek 1935b: 114; Schiodte 1873: 101; Schwerdtfeger 1981: 192; Seidlitz 1872: 393, 1891a: 562, 1891b: 607; Sharp & Fowler 1893: 34; Stark 1926a: 335, 1926b: 103, 1926j: 126, 1936e: 143, 1952: 265; Stein 1868: 114; Stein & Weise 1877: 164; Stierlin 1898: 439; Stierlin & Cantard 1906: 205; Sturm 1843: 230; Swaine 1909: 93; Tragardh 1939b: 147, 198; Tredl 1907: 12; Tschorbadjiev 1929: 166; Verhoff 1891: 22; Wachtl 1876a: 458; Wessel 1877: 390; Westhoff 1882: 238; Wichmann 1927a: 67; Winter, T. G. 1983: 5; Yanovskii & Tegshzhargal 1985: 415. **(tx)** Allen, A. A. 1965b: 47; Bach 1854; Balachowsky 1949a: 207; Barley 1901: 23, 71; Bedel 1888b: 398; Beffa 1949, 1961; Boas 1923: 360; Brancsik 1871; Chapuis & Candeze 1853; Charanis 1962c: 252; Charvat 1950; Chorbadzhievo 1924d; Croteh 1966; Csiki 1910; Dejean 1821, 1825; Doebner 1860; Duff 1953; Eggers 1920: 241, 1921; Eichhoff 1864b: 35, 1866: 275–276, 1878b: 124, 1881a: 45, 176, 1883a: 109, 132; Endrodi 1957b; Escherich 1923b: 481, 592; Everts 1903: 755, 1922: 642; Ferrant 1911; Ferrari 1867a: 15, 79, 80, 1867b: 106; Fleischer 1927; Formanek 1907: 35; Gabler 1955; Gillanders 1908; Grune 1979: 106–107; Hagedorn 1910a: 85; Hansen, V. 1956, 1964: 462; Henry 1892: 14; Henschel 1876a: 34, 240, 1895a: 166; Hopkins 1915b: 40; Imonye & Nobuchi 1957a; Joly 1976; Judeich & Nitsche 1895: 526; Kalina 1970: 125; Karpinski 1949: 129; Karpinski & Strawinski 1948: 155; Koch 1913: 100, 1928: 104, 1932: 146; Kulmit 1913: 1055; Lacordaire 1866: 379; Letzner 1844: 68, 1891: 375; Lindemann 1875c: 362; Lovendal 1889b: 51, 1898: 124; Lucht 1987: 278; Luardoni & Leonardi 1889: 458; Murayama 1954b: 162; Negri 1966b: 402; Niisima 1910a: 5, 1929: 376–381; Nordlinger 1848: 244, 1856: 28; Numberg 1954: 52; Perris 1877a: 414; Pfeiffer 1932b: 17, 1941b: 1, 1941c: 5, 1947c: 2, 1955a: 177; Portevin 1935: 324; Postner 1974: 430; Quaschnik 1953: 35; Ratzelburg 1837: 135, 163, 1839: 165, 198; Redtenbacher 1849a: 791, 1849b: 26, 1858: 832; Reitter 1889a: 94, 1894a: 70, 1913a: 67; Rumbler 1922: 299, 1927: 231; Rupertsberger 1879: 231, 1880: 229; Saalas 1913a: 69, 83, 1914: 304–306, 1916: 110–116; Schedl 1934f: 1638, 1952f: 87, 1959: 100, 1980a: 14, 1981b: 75; Scherb 1971; Schimitschek 1937c: 52, 1955c: 82; Seidlitz 1872: 393, 1891a: 562, 1891b: 607; Simmel 1918: 288–291; Sokanovskii 1954: 16; Spessivtsev 1913a: 90–91, 1922a: 472, 1925a: 36, 173, 1931: 49; Stark 1936c: 143, 1952: 265; Stierlin 1898: 439; Swaine 1909: 93, 1918a: 89; Wood, S. L. 1972f: 41–42. **(ms)** Escherich 1932b; Heinemann 1908a; Kozikowsky 1929: 254; Sedlacek 1902a: 126; Wichmann 1959: 412.
- asperulus Schedl** 1948g: 26. Lectotype ♀: Queensland, Imbil; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 28.
Distribution: Australia (Queensland).
Hosts: *Cryptocarya crythroxyton*, *Grevillea robusta*.
References: **(ds)** Brimblecombe 1953: 16, **(tx)** Schedl 1948g: 26, 1979c: 28.
- ater Browne** 1984d: 91. Holotype, sex?; New Guinea: Gumi; BMNH, London.
Distribution: New Guinea.
Hosts: *Garcinia* sp.
References: **(tx)** Browne 1984d: 91.
- babai Murayama** 1961b: 29. Holotype ♂; Noto, south part of Niigata prefecture, Japan; Murayama Collection in USNM, Washington.
Distribution: Asia (Honshu in Japan).
References: **(ds)** Nobuchi 1985c: 13, **(tx)** Murayama 1961b: 29.
- balanopselaphus Eggers** 1920: 121. Holotype, sex?; Amani, Ostafrika; Hamburg Museum, lost.
Distribution: Africa (Tanzania).
Hosts: *Rubus* sp.
References: **(tx)** Eggers 1920: 121–122; Sampson 1922a: 141; Schedl 1957d: 49, 1961k: 460.
- bellus Schedl** 1957d: 47. Holotype, sex?; Congo Belge; Yangambi; MRCB, Tervuren.
Distribution: Africa (Ivory Coast/ Zaïre).
Hosts: *Ficus thonningis*, *Guarea cedrata*, *Musanga cercropioides*.
References: **(hb)** Schedl 1961k: 460, **(ds)** Browne 1973a: 279; Schedl 1961k: 460, **(tx)** Schedl 1957d: 47, 1961j: 349, 1961k: 460, 1979c: 36.
- bicarinatus (Nobuchi)** 1975: 53 (*Taenioglyptus*). Holotype ♂; Arakawa, Okinawa; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1975: pl. 2, fig. 16.
Distribution: Asia (Okinawa in Japan).
References: **(ds)** Nobuchi 1985c: 13, **(tx)** Nobuchi 1975: 53–54.
- bicolor (Browne)** 1984f: 69 (*Cryphalomorphus*). Holotype, sex?; New Guinea: Morobe District, Wau, Kunai Creek, 1500 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Castanopsis* sp.
References: **(tx)** Beaver 1991b: 53; Browne 1984f: 69.

- birosimensis** (Murayama) 1958: 935 (*Ernocryphalus*). Holotype ♂: Isl. Biro, Kagoshima pref., Japan; USNM, Washington. Distribution: Asia (Japan). Hosts: *Pittosporum tobira*. Notes: (1) Schedl 1963i: 62 (to *Cryphalus*). Nobuchi 1955c: 12 (treated in *Scolytogenes*). References: (ds) Nobuchi 1955c: 12. (tx) Murayama 1958: 935; Schedl 1962p: 203, 1963i: 62.
- boettcheri** Schedl 1951i: 57. Syntypes, sex?: Philippinen, Mindoro, San Theodoro; Schedl Collection in NHMW, Wien. Distribution: Philippine Islands (Mindoro). References: (ds) Schedl 1966b: 19. (tx) Nobuchi 1953: 300; Schedl 1951i: 57, 1979c: 42.
- borneensis** Schedl 1943b: 38. Holotype, sex?: Borneo; Schedl Collection in NHMW, Wien. Distribution: Asia (Malaya), Indonesia (Borneo). Hosts: *Bruguiera gymnorhiza*, *Elaeocarpus* sp. References: (hb) Browne 1961c: 68–69. (ds) Browne 1961c: 65–69; Schedl 1962b: 186. (tx) Schedl 1943b: 38, 1955b: 99, 1979c: 43.
- brasiliensis** Schedl 1976a: 65. Holotype, sex?: Botalogo, Gnanabara, Brasil; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). Notes: (3) This holotype is either mislabeled or it represents an introduction from another area of the world. References: (tx) Schedl 1976a: 65.
- brevipilosus** Schedl 1942c: 173. Holotype, sex?: Neu-Guinea; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (tx) Schedl 1942c: 173, 1979c: 46.
- brimblecombei** Schedl 1945g: 26. Lectotype ♀: Queensland, Emm Vale; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 47. Distribution: Australia (Queensland). Hosts: *Cryptocarya erythroxylon*. References: (ds) Brimblecombe 1953: 17; Schedl 1972a: 143. (tx) Schedl 1945g: 26, 1950f: 51, 1979c: 47.
- brownei** Wood 1992b: 79. Holotype, sex?: Sarawak, Semengoh; BMNH, London, automatic. Distribution: Indonesia (Sarawak in Borneo). Hosts: *Artocarpus* sp. References: (tx) Wood, S. L. 1992b: 79.
- artocarpus** Schedl 1955h: 495. Holotype, sex?: Sarawak, Semengoh; BMNH, London, preoccupied by Schedl 1939. References: (tx) Schedl 1955h: 495, 1979c: 27; Wood, S. L. 1992b: 79.
- brunneus** Browne 1984d: 93. Holotype, sex?: New Guinea; Sawmill L. A.; BMNH, London. Distribution: New Guinea. Hosts: *Araucaria lumsteinii*. References: (tx) Browne 1984d: 93.
- buloloensis** Browne 1954c: 67. Holotype, sex?: New Guinea; Morobe District, Bulolo, Snake Creek, 1000 m; BMNH, London. Distribution: New Guinea. References: (tx) Browne 1954c: 67.
- capucinicollis** Schedl 1950f: 47. Syntypes 2, sex?: Viti Levu; Navai Mill, near Nandariyatu, 2500 ft.; BPBM, Honolulu, and Schedl Collection in NHMW, Wien. Distribution: Fiji Islands. References: (ds) Browne 1974a: 64; Roberts 1976: 377. (tx) Schedl 1950f: 47, 1979c: 52.
- capucinooides** Eggers 1939b: 4. Holotype, sex?: Nordost-Birma (Kambaiti, 7000 Fuss); NHR, Stockholm. Distribution: Asia (Burma). References: (tx) Eggers 1939b: 4–5.
- capucinomorphus** Schedl 1950f: 48. Syntypes ♂ ♀: Viti Levu; Tholo-i-Suva, 500 ft.; BPBM, Honolulu, and Schedl Collection in NHMW, Wien. Distribution: Fiji Islands. References: (cc) Roberts 1976: 378. (hb) Roberts 1976: 378. (ds) Browne 1979a: 64; Roberts 1976: 378. (tx) Schedl 1950f: 38, 47–48, 1953f: 53, 1955b: 284, 1979c: 52.
- capucinus** Schedl 1935g: 425. Lectotype ♂: Luzon, Lagma Province, Mount Maquilang; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 52. Distribution: Asia (Burma/ "China"), Philippine Islands. Hosts: *Cassia javanica*. Notes: (3) This is *parkeri* Beeson 1941: 591, nomen nudum. References: (ds) Schedl 1935g: 425, 1966b: 20. (tx) Eggers 1939b: 4; Nobuchi 1953: 300; Schedl 1935g: 425, 1940d: 591, 1950f: 47, 1979c: 52.
- carpini** Berger 1916: 234. Lectotype ♀: Ussuri, USSR; IZL, Leningrad, designated by Michalski 1969a: 891. Distribution: Asia (Japan/ Korea/ Siberia, Ussuri in E USSR). Hosts: *Carpinus corolata*, *C. laxifolia*. Notes: (3) Choo 1983: 70 (re-described). References: (cn) Kurenzov 1935c: 157. (cc) Kurenzov 1934a: 52. (hb) Kurenzov 1935a: 19, 30, 1945b: 114; Stark 1952: 261. (ds) Choo 1983: 70; Choo & Woo 1985: 164; Kleine 1934a: 142; Krivolutskiya 1983; Kurenzov 1934a: 52, 1935a: 19, 30, 1935c: 157, 1936b: 350; Nobuchi 1955c: 13; Stark 1936c: 143, 1952: 261. (tx) Berger 1916: 234; Choo 1983: 70; Eggers 1929b: 11, 1942c: 29; Kurenzov 1941a: 140–142, 1945b: 114; Michalski 1969a: 891, 1969b: 567; Nobuchi 1964: 133; Schedl 1934f: 1635, 1979c: 53; Stark 1936e: 143, 1952: 261.

- carpinivorus** Murayama 1930b: 11. Holotype, sex?; Koryo (Korea); Murayama Collection in USNM, Washington.
Distribution: Asia (Korea).
Hosts: *Carpinus laxiflora*.
References: (ds) Chio 1957; Choo & Woo 1955: 164; Kleine 1934a: 142; Ko 1969: 275; Murayama 1930b: 10, 1937b: 375. (tx) Murayama 1930b: 10, 14–16, 1937b: 375; Schedl 1934f: 1639.
- chamaecipariae** Niisima 1910a: 10. Syntypes, sex?; Tokio, Japan (Garten der Tokioer Universitat); Nobuchi Collection, Ibaraki.
Distribution: Asia (Honshu in Japan).
Hosts: *Chamaeciparus obtusa*.
Notes: (3) Nobuchi 1955c: 15 (treated in *Hypothenemus*).
References: (ds) Kleine 1934a: 143; Murayama 1954b: 162; Nobuchi 1955c: 15. (tx) Murayama 1954b: 162; Niisima 1910a: 10; Schedl 1934f: 1640.
- chulingensis** Tsai & Li 1963: 605, 612, 623. Holotype ♂; Szechuan, south of Yangtze River, China; Institute of Zoology, Academia Sinica.
Figures: Li, Dang, & Shi 1977: 192. Li & Zhou 1950: 192. Yin, Huang, & Li 1954: 108.
Distribution: Asia (Shanxi, Sichuan in China).
Hosts: *Pinus armandi*.
References: (hb) Li, Dang & Shi 1977: 72; Li & Zhou 1950: 72; Yang 1959c. (ds) Li, Dang, & Shi 1977: 72; Yin, Huang, & Li 1954: 107. (tx) Tsai & Li 1963: 605, 612, 623; Yin, Huang, & Li 1954: 107.
- cialitipes** Blandford 1896f: 242. Syntypes ♂; Noumea a Kone (Delaney), New Caledonia; BMNH, London.
Distribution: New Caledonia Island.
References: (ds) Beeson 1938b: 287; Hagedorn 1910d: 41; Kleine 1913b: 118, 1914b: 300. (tx) Blandford 1896f: 242; Hagedorn 1910a: 85; Schedl 1953c: 296, 1957d: 12, 1979c: 57.
- cinereotestaceus** (Motschulsky) 1866: 403 (*Hypoborus*). Holotype ♀; Des Montagnes de Nura-Ellia, Ceylon; IZM, Moscow.
Distribution: Asia (Sri Lanka).
Notes: (3) Wood 1969c: 118 (near *paganus* or *pallidus*).
References: (ds) Gemminger & Harold 1872: 2685; Hagedorn 1910d: 29; Kleine 1912b: 186, 1914b: 273. (tx) Hagedorn 1910a: 61; Motschulsky 1866: 403; Wood, S. L. 1969c: 118.
- compactus** Lea 1910: 139. Syntypes, sex?; Queensland; Port Denison; SAM, Adelaide?.
Distribution: Australia (Queensland).
References: (ds) Brimblecombe 1953: 17. (tx) Lea 1910: 139; Schedl 1938E: 46–47.
- confusus** Eggers 1927b: 395. Holotype ♀; Sud Sumatra; Eggers Collection, in NHMW, Wien.
Distribution: Indonesia (Sumatra), New Guinea.
- Notes: (3) Schedl 1969b: 215 (described male).
References: (tx) Eggers 1927b: 395; Schedl 1943b: 38, 1969b: 215, 1979c: 62.
- coryli** Stark 1936: 144. Syntypes, sex?; publication not seen; IZL, Leningrad.
Distribution: Asia (E USSR).
Notes: (3) Doubtful species, could = *mandshuricus* Eggers.
References: (hb) Kurenzov 1948b: 113; Stark 1952: 269. (ds) Krivolutskaia 1953; Stark 1936c: 144, 1952: 269. (tx) Eggers 1942c: 28; Kurenzov 1948b: 113; Michalski 1969a: 591, 1969b: 567; Schedl 1979c: 66; Sokanovskii 1954: 17; Stark 1936c: 144, 1950: 229, 1952: 269.
- cryptomeriae** Niisima 1908a: 91. Syntypes 4, sex?; Kumamoto in der Provinz Higo, Japan; Nobuchi Collection, Ibaraki.
Distribution: Asia (Japan).
Hosts: *Cryptomeria japonica*.
References: (ds) Kleine 1913b: 118, 1914b: 257, 1934a: 142; Murayama 1954b: 199; Nobuchi 1955c: 13. (tx) Murayama 1954b: 199; Niisima 1908a: 91; Schedl 1934f: 1639.
- cylindricus** Browne 1980b: 384. Holotype, sex?; Pagai Island (Mentawai Islands, Indonesia) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Mentawai).
References: (ds) Browne 1980b: 384, 1981b: 597.
- cylindrus** Browne 1984d: 92. Holotype, sex?; New Guinea; Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Auracaria humsteini*.
References: (tx) Browne 1984d: 92.
- densepilosus** Schedl 1943b: 36. Holotype, sex?; Mt. Makiling, Laguna, Luzon, Philippines; Schedl Collection in NHMW, Wien.
Distribution: Philippine Islands (Luzon).
Hosts: *Ficus viminalis*.
References: (ds) Schedl 1966b: 20. (tx) Nobuchi 1953: 300; Schedl 1943b: 36–37, 1953c: 295, 1979c: 77.
- dipterocarpi** Wood 1959: 179. Holotype ♀; Margherita Factory, Lakhimpur, Assam, India; FRI, Dehra Dun.
Distribution: Asia (Burma/ Assam in India).
Hosts: *Dipterocarpus alatus* D. pilosus.
Notes: (1) This is *dipterocarpi* Beeson 1941 (1961: 288), nomen nudum.
References: (ds) Beeson 1961: 288. (tx) Schedl 1940d: 591, 1942a: 169–170, 1943b: 39; Wood, S. L. 1959: 179.
- dissimilis** (Nobuchi) 1975: 57 (*Taenioglyptes*). Holotype ♀; Mt. Fuji, Yamanashi pref., Japan; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1975: pl. 2, fig. 21.
Distribution: Asia (Japan).
Hosts: *Abies homolepis*.

- References: (ds) Nobuchi 1955c: 13. (tx) Nobuchi 1975: 57-58.
- diversicolor** Browne 1984d: 90. Holotype, sex?; New Guinea: Sawmill L. A.; BMNH, London.
Distribution: New Guinea.
Hosts: *Arcaearia humsteini*.
References: (tx) Browne 1984d: 90.
- dorsalis** (Motschulsky) 1866: 403 (*Hypoborus*).
Syntypes 1 ♂, 2 ♀; India; IZM, Moscow.
Distribution: Asia (Burma/ Hainan Island in China/ Andaman Islands, Assam in India/ Vietnam), Indonesia (Java, Sumatra), Philippines (Luzon, Mindanao).
Hosts: *Artocarpus lakoocha*, *Ficus glomerata*, *F. rumphii*.
References: (ds) Gemminger & Harold 1872: 2684; Hagedorn 1910d: 29; Kleine 1912b: 186, 1914b: 273. (tx) Hagedorn 1910a: 61; Motschulsky 1866: 403; Wood, S. L. 1969c: 119.
- nebulosus** Motschulsky 1866: 403 (*Hypoborus*).
Syntypes 2, sex?; India; IZM, Moscow. Synonymy: Wood 1969c: 119.
References: (ds) Gemminger & Harold 1872: 2684; Hagedorn 1910d: 29; Kleine 1912b: 186, 1914b: 268. (tx) Hagedorn 1910a: 61; Motschulsky 1866: 403; Wood, S. L. 1969c: 119.
- sericens** Motschulsky 1866: 402 (*Hylesinus*).
Holotype ♀; Ceylon; IZM, Moscow; preoccupied by Mamerheim 1843. Synonymy: Wood 1969c: 118.
References: (ds) Kleine 1912b: 171, 1914b: 273. (tx) Gemminger & Harold 1872: 2675; Hagedorn 1910a: 49; Motschulsky 1866: 402; Wood, S. L. 1969c: 118.
- indicus** Eichhoff 1878b: 489. Holotype ♂; Hindostan (Birma); Hamburg Museum, lost. Synonymy: Wood 1969c: 118.
References: (cn) Roonval 1954: 89. (hb) Beaver & Browne 1978: 555; Browne 1935a, 1961c: 69; Kalshoven 1958b: 164; Yunnis & Hua 1980: 228. (ds) Beaver & Browne 1975: 288, 1978: 555; Beeson 1961: 287; Browne 1935a, 1961c: 69; Hagedorn 1910d: 43; Kleine 1913b: 118, 1914b: 276, 278, 1934a: 142; Roonval 1954: 89; Schedl 1938g: 424, 1962b: 186, 1966b: 21, 1971c: 376; Yunnis & Hua 1980: 228. (tx) Eggers 1925: 152, 1927b: 396; Eichhoff 1878a: 384, 1878b: 489; Hagedorn 1910a: 87; Nobuchi 1983: 300; Schedl 1938g: 424, 1942a: 169, 1942d: 2, 22, 1951i: 50, 1965g: 22; Stebbing 1906: 403, 1914: 538; Wood, S. L. 1969c: 118.
- dubiosus** Schedl 1963i: 66. Holotype, sex?; Saigon; Schedl Collection in NHMW, Wien.
Distribution: Asia (Vietnam).
References: (tx) Schedl 1963i: 66, 1979c: 84.
- duplosquamosus** Schedl 1942d: 15. Lectotype, sex?; Java, Britenzorg; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Java).
Hosts: *Canarium commune*.
References: (ds) Kalshoven 1958: 164. (tx) Schedl 1942d: 15, 1979c: 86.
- elaboratus** Schedl 1950f: 51. Syntypes 2, sex?; Yama Mbadavu; Loma Loma, 200-500 ft., Mvana, 200 ft.; BPBM, Honolulu, and Schedl Collection in NHMW, Wien.
Distribution: Fiji Islands.
References: (ds) Browne 1974a: 64. (tx) Schedl 1950f: 51, 1979c: 88.
- elongatus** (Nobuchi) 1975: 42 (*Ericryphalus*).
Holotype, sex ?; Mt. Takao, Tokyo, Japan; Nobuchi, Ibaraki. Possible homonym.
Distribution: Asia (Japan).
Hosts: *Cornus controversa*.
Notes: (3) The position of this species is doubtful; it was named in an invalid genus and was said to be near *Ernoporicus caucasicus* (SIAY).
References: (tx) Nobuchi 1975: 42, 1985c: 11.
- elongatus** Schedl 1962r: 105. Holotype, sex?; Fiji Inseln; Schedl Collection in NHMW, Wien.
Figures: Nobuchi 1975: pl. 1.
Distribution: Fiji Islands.
References: (ds) Browne 1974a: 64. (tx) Nobuchi 1975: pl. 1; Schedl 1962r: 105, 1979c: 89.
- erraticum** Schedl 1979g: 96. Holotype, sex?; Papua, Bulolo, Morobe District, Upper Manki L. A.; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1979g: 96.
- exiguus** Blandford 1894d: 82. Holotype, sex?; Fukuishima (Japan); BMNH, London.
Figures: Yin, Huang, & Li 1984: 112.
Distribution: Asia (Anhui, Guizhou, Hebei, Jiangsu, Shandong, Sichuan, Zhejiang in China/ Japan/ Korea/ Kuril Islands/ Taiwan).
Hosts: *Broussonetia kazinoki*, *Celtis sinensis*, *Diospyros kaki*, *Etodia rutacarpa*, *Ficus* spp., *Morus alba*, *M. bombycis*, *Salix* sp.
Notes: (3) Choo 1983: 71 (re-described).
References: (cn) Anonymous 1980g; Clausen 1931; Shiraki 1952. (hb) Krivolutskaia 1965a: 233, 1973: 134. (ds) Anonymous 1980g; Blandford 1894c; Cho 1957; Choo 1983: 71; Choo & Woo 1985: 164; Clausen 1931; Hagedorn 1910d: 42; Kleine 1913b: 118, 1914b: 256, 1934a: 142; Ko 1969: 275; Krivolutskaia 1965a: 233, 1973: 134; Ku 1964; Murayama 1930b: 10, 1933b: 2, 1936a: 126, 1937b: 375, 1949c: 100, 1950b: 1292, 1952a: 22, 1953c: 151, 1954b: 162; Shiraki 1952; Tsai & Li 1963: 603, 606; Yin, Huang, & Li 1984: 112. (tx) Blandford 1894d: 82; Choo 1983: 71; Murayama 1930b: 10, 14, 30, 1933: 14, 1936a: 126, 1937b: 375, 1950: 1292, 1952a: 22, 1954b: 162; Niihima 1908a: 89-90, 1909: 140, 142, 1910a: 8-9; Nobuchi 1959c: 23; Schedl 1934f: 1639; Yin, Huang, & Li 1984: 112.

- pilosus* Sasaki 1899: 235. Syntypes?: Japan, publication not seen. Synonymy: Niisima 1909: 144. References: (tx) Niisima 1909: 146; Sasaki 1899: 235.
- felis* Wood 1959: 180.** Holotype ♀; Mussoorie, Uttar Pradesh, India; FRI, Delhi Dum.
Distribution: Asia (Uttar Pradesh in India).
Hosts: *Quercus* sp., *Vitex* sp.
Notes: (1) This is *felis* Beeson, nomen nudum.
References: (tx) Schedl 1940d: 591, 1943b: 37; Wood, S. L. 1959: 180.
- ficivorus* Murayama 1958: 933.** Syntypes 4, sex?; Muroto, Kochi pref., Shikoku, Japan; Murayama Collection in USNM, Washington.
Distribution: Asia (Shikoku in Japan).
Hosts: *Ficus wightiana*.
References: (ds) Nobuchi 1955c: 13. (tx) Murayama 1958: 933.
- formosanus* Schedl 1942a: 175.** Holotype, sex?; Formosa; Schedl Collection in NIMMW, Wien.
Distribution: Asia (Taiwan).
References: (ds) Nobuchi 1967: 24. (tx) Murayama 1934c: 288; Schedl 1942a: 174–175, 1943b: 35, 1979c: 95.
- fugax* Schedl 1973e: 87.** Holotype, sex?; Rambuso, Sudest Island, 0–100 m, Milne Bay District; AMNH, New York.
Distribution: New Guinea.
References: (tx) Schedl 1973e: 87, 1979c: 101.
- fuliginosus* Blandford 1895a: 319.** Holotype, sex?; Ceylon, Bogawantalawa; BMNH, London.
Distribution: Asia (Sri Lanka).
Hosts: Liana.
References: (ds) Hagedorn 1910d: 43; Kleine 1913b: 118, 1914b: 273; Schedl 1959a: 481. (tx) Blandford 1895a: 319; Hagedorn 1910a: 86; Schedl 1959a: 481.
- fulmineus* Wood 1959: 180.** Holotype, sex?; Tharal, Garhwal, Uttar Pradesh, India; FRI, Delhi Dum.
Distribution: Asia (Sichuan in China/ Uttar Pradesh in India).
Hosts: *Alnus nitida*.
Notes: (1) This is *dumineus* Beeson 1941 (1961: 286), nomen nudum.
References: (ds) Roomwal 1954: 59. (tx) Schedl 1940d: 591; Wood, S. L. 1959: 180.
- fulvus* Niisima 1905a: 92.** Syntypes, sex?; Yatsuo-Berg in der Provinz Ohmi, Japan; Nobuchi Collection, Ibaraki.
Figures: Nakane et al. 1963: 382, Nobuchi 1966d: pl. 3.
Distribution: Asia (Liaoning, "Manchuria" in China/ Japan/ Korea/ Ryukyu Islands).
Hosts: *Pinus bansiana*, *P. densiflora*, *P. koraiensis*, *P. rigida*, *P. tabulaeformis* var. *mukdensis*, *P. thumbergii*.
Notes: (3) Choo 1983: 72 (redescribed).
References: (ay) Sasakawa & Sasakawa 1981: 139; Sasakawa & Yoshiyasu 1983. (bv) Nagasawa, Asano, & Makita 1968: 153–158, 1969: 80–85, 1970: 22–26; Nobuchi 1969b, 1969c; Sasakawa & Katayama 1975; Sasakawa & Kawaguchi 1987; Sasakawa & Negishi 1973; Sasakawa, Ohta, & Negishi 1976; Sasakawa & Sasakawa 1981, 1984; Sumimoto, Kondo, & Kamiyama 1974; Sumimoto et al. 1975; Yasunaga, Oshima, & Kuwatsuka 1962: 197–200; Yoshikawa et al. 1986. (cn) Anonymous 1950g; Godha et al. 1964; Imoye 1949a: 13, 110, 1949b; Ko 1984; Ko & Morimoto 1985; Nagasawa & Asano 1975; Nagasawa, Asano, & Fushimi 1965a, 1965b; Oda, Kato, & Nobuchi 1964; Sakai 1966: 120–129; Sakai et al. 1964: 61–68; Shiraki 1952; Yoshida & Fukuma 1972; Yoshida et al. 1974. (ce) Asano, Nagasawa, & Fushimi 1968; Heqvist 1967: 68; Kanijo 1981; Kishi 1969, 1970, 1972; Koyama 1963; Sasakawa & Negishi 1973; Sasakawa, Ohta, & Negishi 1976; Yasumatsu & Watanabe 1965: 68; Yoshikawa 1987a, 1987b; Yoshikawa et al. 1986. (hb) Asano, Nagasawa, & Fushimi 1968: 46–61; Nagasawa, Asano, & Makita 1969; Nagasawa et al. 1968; Sasakawa 1975; Sasakawa & Katayama 1975; Sasakawa & Negishi 1973; Sasakawa & Sasakawa 1984; Takahashi 1989: 403; Takahashi & Ito 1951: 159–161; Yoshikawa et al. 1986. (ds) Anonymous 1980g; Browne 1984b: 287; Cho 1955, 1957; Choo 1983: 72; Choo, Woo, & Nobuchi 1985a: 134; Choo, Woo, & Park 1983: 175; Imoye 1949b; Kleine 1913b: 118, 1914b: 257, 1934a: 142; Ko 1969: 275; Ku 1964; Murayama 1929b: 2, 1929d: 2, 1930a: 7, 1930b: 11, 1936b: 115, 1937b: 375, 1940a: 232, 1942a: 54, 1948: 2, 1949a: 11, 1949c: 100, 1950b: 1292, 1951a: 6, 1951c: 3, 1952a: 22, 1953a: 9, 1953c: 151, 1954b: 163, 1955: 98, 103; Nakane et al. 1963: 382; Nobuchi 1966d: 22; Nobuchi & Ono 1973: 181; Nohira & Ogawa 1986; Shiraki 1952; Tsai & Li 1963: 603; Yin, Huang, & Li 1984: 110. (tx) Choo 1983: 72; Eggers 1923b: 139; Hagedorn 1910a: 86; Murayama 1930b: 11, 15, 30, 1934c: 298, 1937b: 375, 1939: 144, 1940a: 232, 1950b: 1292, 1952a: 22, 1953a: 9, 1954b: 163, 1955: 92, 98, 103; Nakane et al. 1963: 382; Niisima 1908a: 92, 1910a: 8; Nobuchi 1959c: 25, 1966d: 22, pl. 3; Schedl 1934f: 1639, 1979c: 101; Sokanovskii 1954: 17; Tsai & Li 1963: 605; Yin, Huang, & Li 1984: 110.
- pini* Eggers 1921: 39. Lectotype ♂; Kiantschou (China); USNM, Washington, designated by Anderson & Anderson 1971: 139. Synonymy: Eggers 1923b: 139.
References: (ds) Schedl 1966b: 19. (tx) Anderson, W. H. & Anderson 1971: 25; Eggers 1921: 39, 1923b: 139; Nobuchi 1983: 300; Schedl 1934f: 1639.
- furukawai* Murayama 1934a: 59** (reprint p. 3). Holotype, sex?; Chochoin, south Korea; USNM, Washington.

- Distribution: Asia (Japan/ Korea).
 Hosts: *Alnus sibirica*, *Ficus wightiana*, *Pinus maximowiczii*, *P. thunbergii*.
 Notes: (3) Nobuchi 1985c: 16 (treated in *Hypothecum* [not seen by us]).
 References: (ds) Cho 1957; Choo 1983: 72; Choo & Woo 1985: 164; Ko 1969: 275; Murayama 1936a: 127, 1937b: 375, 1938: 126, 1952a: 19, 1953c: 151, 1954b: 163; Nobuchi 1966d: 23, 1985c: 16, (tx) Choo 1983: 72; Murayama 1934a: 59 (reprint p. 3), 1936a: 127, 1937b: 375, 1952a: 19, 1954b: 163; Nobuchi 1966d: 23.
- garambaensis Nunberg** 1965b: 25. Holotype, sex?: Repub. of the Congo: Garamba Nat. Park, near 2801; Inst. Pares Nat. Congo Coll.
 Figures: Nunberg 1965a: 35, 1965b: pl. 1–2.
 Distribution: Africa (Congo).
 References: (ds) Nunberg 1952: 23, (tx) Nunberg 1952: 23, 1965a: 31, 35, 1965b: 25, pl. 1–2.
- giganteus Schedl** 1950d: 22. Holotype, sex?: Natal; Schedl Collection in NHMW, Wien.
 Distribution: Africa (Natal in South Africa).
 References: (tx) Schedl 1950d: 22, 1961k: 462, 1979c: 104.
- gigas Schedl** 1975g: 218. Holotype ♀; New Guinea, Wau; Schedl Collection in NHMW, Wien.
 Distribution: New Guinea.
 References: (tx) Schedl 1975f: 351, 1975g: 218, 1979c: 104.
- helopioides Schedl** 1953c: 295. Lectotype, sex?: Malaya Peninsula, Kelantan, Bt. Mengkebang; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 116.
 Distribution: Asia (Malaya).
 References: (ds) Brown 1961c: 69; Schedl 1971c: 363, (tx) Schedl 1953c: 295, 1979c: 116.
- hirsutus (Nobuchi)** 1975: 52 (*Taenioglyptes*). Holotype ♀; Komanoyn, Nigata pref., Japan; Nobuchi Collection, Ibaraki.
 Figures: Nobuchi 1975: pl. 2, fig. 15.
 Distribution: Asia (Japan).
 References: (ds) Nobuchi 1985c: 13, (tx) Nobuchi 1975: 52–53.
- horridus Eichhoff** 1878b: 488. Syntypes², sex?: Asiae India orientalis; Hamburg Museum, lost.
 Distribution: Asia (Burma).
 References: (hb) Schedl 1961k: 462, (ds) Hagedorn 1910d: 43; Kleine 1913b: 118, 1914b: 269; Schedl 1961k: 462, (tx) Eichhoff 1878a: 384, 1878b: 488; Hagedorn 1910a: 86; Schedl 1960h: 104, 1961k: 462.
- infimus Schedl** 1972c: 287. Holotype, sex?: Ghana, Ashanti Region, Kwadaso, 320 m, N 6 degrees 42, W 1 degree 39; NHMB, Budapest.
 Distribution: Africa (Ghana).
 References: (tx) Schedl 1972c: 287.
- intermedius Ferrari** 1867a: 79. Holotype, sex?: Germania borealis (Norddeutschland); NHMW, Wien?
 Figures: Grune 1979: 104, Pfeffer 1989a: pl. 6.
 Distribution: Europe (Austria/ Czechoslovakia/ Germany/ Hungary/ Italy/ Poland/ Romania).
 References: (ay) Escherich 1923b: 481, 616; Nusslin 1911a: 129, (bv) Grune 1979: 105; Kinelski 1958: 73, (cn) Escherich 1923b: 481, 616; Koch 1913: 95; Nusslin 1913: 257; Pierce, W. D. 1917: 84; Rhlumbler 1922: 299, 1927: 312; Schimitschek 1937c: 52, 1955c: 82, 1955a: 44, 91, 1961a: 154; Schwerdtfeger 1944a: 183, 1957a: 188; Wichmann 1927b: 375, (ce) Hirschmann & Wisniewski 1982, 1983; Karpinski 1932a: 95; Kielczewski, Moser, & Weisniewski 1983; Kielczewski & Wisniewski 1975, 1980a, 1983; Kleine 1908c: 186; Michalski & Ratajezak 1989; Nusslin 1927: 300; Pfeffer 1960: 345; Ruhm 1955c: 176; Schedl 1958d: 187; Schimitschek 1955a: 44, 91; Schwerdtfeger 1944a: 183, 1957a: 188; Wisniewski 1979a, 1979b, (hb) Dombrowsky 1887; Eichhoff 1881a: 45, 180; Escherich 1923b: 481, 616; Györfi 1957; Henschel 1885b, 1895a: 167; Karpinski & Strawinski 1948: 155; Lengerken 1939, 1954: 83; Nunberg 1929: 103; Nusslin 1913: 257, 1927: 300; Pfeffer 1941b: 18; Postner 1974: 430; Rhlumbler 1922: 299, 1927: 312; Schimitschek 1955a: 44, 91; Schwerdtfeger 1944a: 183, 1957a: 188, 1981: 194; Stark 1952: 263; Tredd 1908a: 30–31; Wachtl 1876a: 458; Wichmann 1927b: 375, (ds) Calver 1884, 1893; Eggers 1904; Endrodi 1958b; Escherich 1923b: 481, 616, 1932b; Fuchs 1905a; Gemminger & Harold 1872: 2683; Grune 1979: 104–105; Hagedorn 1910d: 43; Henschel 1895a: 167; Heyden, Reitter, & Weise 1883: 182, 1891: 671, 1906: 711; Horion 1951; Karpinski 1932a: 95; Karpinski & Strawinski 1948: 155; Kiefer et al. 1942: 528; Kinelski 1958: 73; Kleine 1912a: 267, 1913a: 35, 1913b: 118, 1934a: 142; Kraatz 1869: 59; Kurir 1947c: 11; Lucht 1987: 278; Nunberg 1954: 52; Pfeffer 1926a: 11, 1931b: 75, 1950b: 75, 1960: 345, 1989a: 82; Pierce, W. D. 1917: 84; Pittioni 1943: 176; Postner 1974: 430; Prossen 1913: 83; Redtenbacher 1874: 376; Reitter 1894a: 70, 1916: 288; Roubal 1941: 263; Schauffuss 1915: 1232; Schedl 1980a: 14, 1981b: 74; Schilsky 1909: 188; Schremmer 1959: 137; Schwerdtfeger 1981: 194; Seidlitz 1872: 393, 1891a: 562; Stark 1936a: 143, 1952: 263; Stein 1868: 114; Stein & Weise 1877: 164; Tredd 1907: 12; Wachtl 1876a: 458; Wichmann 1927a: 67–68, (tx) Dombrowsky 1887; Eggers 1929b: 10; Eichhoff 1868d: 49, 1878b: 126, 1881a: 45, 180, 1883a: 109, 132; Endrodi 1957a: 307, 1957b; Escherich 1923b: 481, 616; Ferrari 1867a: 79–80, 1867b: 114; Fleischer 1927; Grune 1979: 104–105; Hagedorn 1910a: 87; Henschel 1895a: 167; Karpinski & Strawinski 1948: 155; Koch 1913: 95, 1932: 146; Kuhn 1913:

- 1055; Lucht 1957: 275; Niisima 1909: 144; Numburg 1930, 1954: 52; Nusslin 1911a: 129; Pfeffer 1932b: 15, 1941b: 15, 1955a: 179, 1989a:pl. 6; Postner 1974: 430; Quaschik 1953: 35; Redtenbacher 1874: 376; Reitter 1894a: 70, 1913a: 67, 1916: 255; Rumbler 1922: 299, 1927: 312; Schedl 1934f: 1639, 1950a: 14, 1951b: 74; Schimitschek 1937c: 52, 1955c: 52; Seidlitz 1872: 393, 1891a: 562; Stark 1936c: 143, 1952: 263. (**ms**) Escherich 1932b.
- jeholensis** Murayama 1939: 143. Syntypes, sex[?]: Shotoku, Manchukuo; Murayama Collection in USNM, Washington.
 Figures: Nakane et al. 1963: 352. Nobuchi 1966d:pl. 3.
 Distribution: Asia (Hebei, "Manchuria" in China/Japan/Korea).
 Hosts: *Abies firma*, *Pinus densiflora*, *P. nigra*, *P. tabulaeformis*, *P. thumbergii*, *Smilax china*.
 Notes: (3) Inouye & Nobuchi 1957: 50 (re-described).
 References: (**ds**) Choo 1953: 73; Choo & Woo 1955: 164; Choo, Woo, & Nobuchi 1955a: 134; Murayama 1939: 140, 143, 1942a: 54, 1948: 2, 1949a: 12, 1951c: 3, 1952a: 20, 1953a: 10, 1953c: 151, 1954b: 163; Nakane et al. 1963: 352; Nobuchi 1966d: 23, 1955c: 14; Sawamoto 1940b: 141, 145; Tsai & Li 1963: 603, 605; Yin, Huang, & Li 1954: 110. (**tx**) Choo 1953: 73; Inouye & Nobuchi 1957a: 49; Murayama 1939: 140, 143, 1952a: 20, 1953a: 10, 1954b: 163; Nakane et al. 1963: 352; Nobuchi 1966d: 23, pl. 3; Sawamoto 1940b: 141–146; Yin, Huang, & Li 1954: 110.
- jezoensis** Inouye & Nobuchi 1957: 49. Syntypes 13, sex[?]: Soumkyo, Daisetsu-zan National Park, Hokkaido, Japan; Nobuchi Collection, Ibaraki.
 Distribution: Asia (Hokkaido in Japan).
 Hosts: *Picea jezoensis*.
 References: (**ds**) Nobuchi 1955c: 14. (**tx**) Inouye & Nobuchi 1952a, 1957: 49.
- juglansi** Niisima 1913a: 3. Syntypes, sex[?]: Prov. Kushiro (Hokkaido); Nobuchi Collection, Ibaraki.
 Distribution: Asia (Hokkaido, Honshu in Japan).
 Hosts: *Juglans sibiriana*.
 References: (**en**) Anonymous 1950g. (**ds**) Anonymous 1950g; Kleine 1934a: 142; Murayama 1954b: 199; Nobuchi 1955c: 14. (**tx**) Murayama 1954b: 199; Niisima 1913a: 3; Schedl 1934f: 1639, 1979c: 130.
- kagoshimensis** (Nobuchi) 1975: 56 (*Taenioglyptes*). Holotype ♀: Satamisaki, Kagoshima, Japan; Nobuchi Collection, Ibaraki.
 Figures: Nobuchi 1975:pl. 2, fig. 19.
 Distribution: Asia (Japan).
 References: (**ds**) Nobuchi 1985c: 14. (**tx**) Nobuchi 1975: 56.
- kesiyae** Browne 1975: 285 in Beaver & Browne. Holotype, sex[?]: Thailand; Chiang Mai, Doi Pui, 1600 m; BMNH, London.
 Distribution: Asia (Thailand).
 Hosts: *Pinus kesiya*.
 References: (**tx**) Beaver & Browne 1975: 285; Browne 1980a: 370.
- kiruensis** Schedl 1957d: 45. Holotype, sex[?]: Congo Belge; Kivu, Hembe Bitale; MRCB, Tervuren.
 Distribution: Africa (Zaire).
 Hosts: *Ficus cf. capensis*.
 References: (**ds**) Schedl 1961k: 464. (**tx**) Schedl 1957d: 45, 1961k: 464, 1979c: 132.
- kolbei** (Hagedorn) 1912c: 355 (*Allarthrum*). Syntypes, sex[?]: Peterhafen, Deutsch-Neuguinea; MNB, Berlin.
 Distribution: New Guinea.
 References: (**ds**) Kleine 1913b: 145, 1914b: 296; Krivolutskaya 1965a: 232, 1983. (**tx**) Hagedorn 1912c: 355; Hopkins 1914: 116; Michalski 1969b: 567; Schedl 1979c: 134.
- kurenzori** Stark 1936: 142, 150. Lectotype, sex[?]: Maykhe R. Valley, Far East Terr.; IZL, Leningrad, designated by Michalski 1969a: 591.
 Distribution: Asia (Sakhalin Island, Siberia, Ussuri in E. USSR).
 Hosts: *Abies holophylla*, *A. nephrolepis*.
 References: (**cn**) Kurenzov 1935c: 157. (**cc**) Kurenzov 1934a: 52. (**hb**) Kurenzov 1935a: 20, 1945b: 102, 1950d: 145; Stark 1952: 256. (**ds**) Kurenzov 1934a: 52, 1935a: 20, 1935c: 157, 1936b: 351, 1935a: 61, 1950: 145; Stark 1936c: 142, 150, 1952: 256. (**tx**) Eggers 1942c: 28–30; Krivolutskaya 1955: 141–143; Kurenzov 1941a: 142–143, 1945b: 102; Michalski 1969a: 591, 1969b: 567; Murayama 1961: 30; Nobuchi 1965: 130; Nobuchi & Takahashi 1965: 3; Pfeffer 1944a: 131; Schedl 1952k: 155; Sokanovskii 1954: 16; Stark 1936c: 142, 150, 1951: 229, 1952: 256. (**ms**) Pfeffer 1944a: 131.
punctulatus Eggers 1942c: 29. Holotype, sex[?]: Ussuri, USSR; Eggers Collection (not mentioned by Anderson & Anderson 1971 or Schedl 1979c). Synonymy: Pfeffer 1944a: 131. References: (**tx**) Eggers 1942c: 29; Pfeffer 1944a: 131; Schedl 1952k: 155; Sokanovskii 1955: 38; Stark 1951: 229. (**ms**) Pfeffer 1944a: 131.
- ussuriensis* Eggers 1942c: 29. Holotype, sex[?]: Ussuri; Eggers Collection, in NHMW, Wien. Synonymy: Schedl 1952k: 155.
 References: (**hb**) Stark 1952: 269. (**ds**) Krivolutskaya 1983; Pfeffer 1944a: 131; Stark 1952: 269. (**tx**) Eggers 1942c: 29–30; Pfeffer 1944a: 131; Schedl 1952k: 155, 1979c: 262; Stark 1952: 269.
- kurilensis** Krivolutskaya 1968: 53. Holotype, sex[?]: Kuril Islands; Institute of Zoology, Academy of Science, Vladivostok.
 Figures: Krivolutskaya 1968: 53.
 Distribution: Asia (Kuril Islands).
 Hosts: *Toxicodendron trichocarpum*.

- References: (tx) Krivolutsкая 1968: 53–56, 1973: 136.
- kyotoensis Nobuchi** 1966d: 53. Holotype ♀; Mizorogaike, Kyoto City, Japan; Nobuchi Collection, Ibaraki.
 Figures: Nobuchi 1966c: pls. 1–2.
 Distribution: Asia (Honsiu in Japan).
 Hosts: *Alnus firma*.
 References: (ds) Nobuchi 1985c: 14. (tx) McNamara 1977: 196; Nobuchi 1966c: pls. 1–2, 1966d: 53.
- laevis Browne** 1984b: 288. Holotype, sex?; Malaysia: Kudat (Sabah) to Nagoya (Japan), imported; BMNH, London.
 Distribution: Asia (Malaya).
 Hosts: Keruing log.
 References: (tx) Browne 1984b: 288.
- laricis Niisima** 1909: 142. Syntypes, sex?; Nopporo in der Prov. Ishikari, Japan; Nobuchi Collection, Ibaraki.
 Figures: Nakane et al. 1963: 382. Nobuchi 1966d: pl. 3.
 Distribution: Asia (Japan/ Korea).
 Hosts: *Abies holophylla*, *A. sachalinensis*, *Larix leptolepis*, *Picea jezoensis*, *Pinus densiflora*, *P. koraiensis*, *P. silvestris*, *P. thumbergii*.
 Notes: (3) Inouye & Nobuchi 1957: 50 (re-described).
 References: (cn) Anonymous 1980g. (cc) Nishiguchi 1957: 75–78, 1959: 271. (ds) Anonymous 1980g; Choo 1983: 73; Choo & Woo 1985: 164; Kleine 1913b: 118, 1914b: 256, 1934a: 142; Kono 1938b: 65–68; Krivolutsкая 1983; Murayama 1948: 3, 1949a: 12, 1953a: 10, 1954b: 199; Nakane et al. 1963: 382; Nobuchi 1966d: 24, 1985c: 14; Sawamoto 1940a: 95–101. (tx) Choo 1983: 73; Hagedorn 1910a: 99; Inouye & Nobuchi 1957a: 49–50; Murayama 1953a: 10, 1954b: 199; Nakane et al. 1963: 382; Niisima 1909: 142; Nobuchi 1966d: 24, pl. 3; Sawamoto 1940a: 95, 100; Schedl 1934f: 1693, 1979c: 136.
- laticollis Browne** 1984b: 288. Holotype, sex?; Pomio (New Britain) to Nagoya (Japan), imported; BMNH, London.
 Distribution: New Guinea.
 Hosts: *Garcinia* sp.
 Notes: (3) Beaver 1991: 91 (cited in *Hypocryphalus* [not seen by us]).
 References: (ds) Ohno, Yoshioka, et al. 1989: 60. (tx) Beaver 1991: 91; Browne 1974e: 67, 1984b: 288.
- latus Eggers** 1929b: 10. Holotype, sex?; Ussuri, USSR; USNM, Washington, 2 Eggers cotypes in NHMW, Wien.
 Figures: Yin, Huang, & Li 1984: 103.
 Distribution: Asia (Heilongjiang in China/ Ussuri in E USSR).
 Hosts: *Abies* sp., *Larix dahurica*, *L. gmelinii*, *L.* sp., *Picea* sp.
 References: (cn) Kurenzov 1935c: 188. (cc) Kurenzov 1934a: 57. (hb) Kurenzov 1935a: 19, 32, 1948b: 103; Stark 1952: 264. (ds) Krivolutsкая 1983; Kurenzov 1934a: 57, 1935a: 19, 32, 1935c: 188, 1936a: 113, 1938a: 65, 1951b, 1967; Schedl 1969a: 202; Stark 1936c: 143, 1952: 264; Tsai & Li 1963: 602; Yanovskii & Tegsluzhargal 1985: 415; Yin, Huang, & Li 1984: 102. (tx) Anderson, W. H. & Anderson 1971: 17; Eggers 1929b: 10; Kurenzov 1941a: 143–144, 1948b: 103; Murayama 1943: 97; Schedl 1934f: 1639, 1979c: 137; Sokanovskii 1954: 16; Stark 1936c: 143, 1952: 264; Tsai & Li 1963: 605; Yin, Huang, & Li 1984: 102.
- lepocrinus Tsai & Li** 1963: 606, 619, 624. Holotype ♂; Szechuan, China; IZAS, Beijing.
 Figures: Tsai & Li 1963: 620; Yin, Huang, & Li 1984: 117 (adult).
 Distribution: Asia (Sichuan in China).
 Hosts: *Abies* sp.
 References: (ds) Yin, Huang, & Li 1984: 116. (tx) Tsai & Li 1963: 606, 609, 619–620, 624; Yin, Huang, & Li 1984: 116.
- leprosulul Browne** 1980c: 774. Holotype, sex?; Zaire: Riviere Samuliki, 690 m; BMNH, London.
 Distribution: Africa (Zaire).
 References: (tx) Browne 1980c: 774.
- lipingensis Tsai & Li** 1959: 90. Holotype, sex?; North China (publication not seen); IZAS, Beijing.
 Figures: Li, Dang, & Shi 1977: 192, Li & Zhou 1980: 192. Tsai & Li 1959: 91, 1963: 616.
 Distribution: Asia (Shanxi, Sichuan in China).
 Hosts: *Pinus armandi*.
 References: (hb) Li, Dang, & Shi 1977: 73; Li & Zhou 1980: 73; Yang 1989c. (ds) Li, Dang, & Shi 1977: 73; Yin, Huang, & Li 1984: 113. (tx) Tsai & Li 1959: 90–91, 1963: 606, 616, 624; Yin, Huang, & Li 1984: 113.
- longior Browne** 1984d: 91. Holotype, sex?; New Guinea: Kaisenik; BMNH, London.
 Distribution: New Guinea.
 Hosts: *Castanopsis* sp.
 References: (tx) Browne 1984d: 91.
- longipemis (Browne)** 1970: 552 (*Tacnioglyptes*). Holotype ♀; New Zealand; Greyouth; BMNH, London.
 Distribution: New Zealand.
 References: (tx) Browne 1970: 552–553.
- longipilus Schedl** 1943b: 34. Lectotype ♀; Sabaan, Ins. Mindoro, Philippinen; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 141.
 Distribution: Indonesia (Sumatra), Micronesia (Palau), Philippine Islands (Mindoro).
 References: (ds) Schedl 1966b: 21. (tx) Nobuchi 1983: 300; Schedl 1943b: 34, 1962r: 91, 1979c: 141; Wood, S. L. 1960a: 25.
- longisetosus (Nobuchi)** 1975: 57 (*Tacnioglyptes*). Holotype ♀; Hirogawara, Yamanashi pref., Japan; Nobuchi Collection, Ibaraki.
 Figures: Nobuchi 1975: pl. 2, fig. 20.

Distribution: Asia (Japan).

Hosts: *Tsuga diversifolia*.

References: (ds) Nobuchi 1955c: 14. (tx) Nobuchi 1975: 57.

major Stebbing 1903a: 270. Holotype ♀; India, Tono Valley; FRI, Dehra Dun.

Distribution: Asia (Himachal Pradesh, Punjab, Uttar Pradesh in India).

Hosts: *Picea morinda*, *Pinus excelsa*, *P. roxburghii*.

References: (cn) Beeson 1915a: 317–325; Mathur & Singh 1960b: 51; Pierce, W. D. 1917: 74; Stebbing 1903a: 270, 1914: 530; Troup 1916: 1–126. (cc) Stebbing 1914: 530. (hb) Beeson 1915a: Stebbing 1903a: 270, 1914: 530. (ds) Beeson 1961: 286; Hagedorn 1910d: 44; Kleine 1913b: 118, 1914b: 276, 1934a: 142; Mathur & Singh 1960b: 51; Pierce, W. D. 1960b: 51; Stebbing 1903a: 270. (tx) Hagedorn 1910a: 87; Stebbing 1903a: 270, 1914: 530; Wood, S. L. 1959: 171.

morinda Stebbing 1903: 265. Syntypes 2, sex?;

Sakihar, Bashar, Punjab, India; FRI, Dehra Dun. Synonymy: Wood 1959: 171.

References: (cn) Pierce, W. D. 1917: 81; Stebbing 1903a: 265, 1914: 535. (cc) Chararas 1959c; Stebbing 1914: 535. (hb) Stebbing 1903a: 265, 1914: 535. (ds) Hagedorn 1910d: 44; Kleine 1913b: 118, 1914b: 269, 1934a: 142; Pierce, W. D. 1917: 81; Stebbing 1903a: 265. (tx) Hagedorn 1910a: 87; Stebbing 1903: 265, 1914: 535; Wood, S. L. 1959: 171.

malloti Schedl 1943b: 37. Lectotype, sex?; Baguio, Luzon, Philippines; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 147.

Distribution: Philippine Islands (Luzon).

Hosts: *Mallotus ricinoides*, *Pinus insularis*.

References: (ds) Schedl 1966b: 21. (tx) Nobuchi 1983: 300; Schedl 1943b: 37, 1952b: 363, 1953c: 295, 1979c: 147.

malus Niisima 1909: 144. Syntypes, sex?; Hakodate; Nobuchi Collection, Ibaraki.

Distribution: Asia (Liaoning in China/ Japan/ Korea).

Hosts: *Armanica* sp., *Prunus armeniaca*, *P. mume*, *P. persica*, *P. pseudo-cerasus*, *P. salicina*, *P. sargentii*, *Pyrus malus*, *Sorbus commixta*.

References: (cn) Clausen 1931. (ds) Choo 1983: 74; Choo & Woo 1985: 165; Choo, Woo, & Nobuchi 1983: 171, 1985a: 134; Clausen 1931; Kleine 1913b: 118, 1914b: 257, 1934a: 142; Murayama 1954b: 199, 1955: 103; Nobuchi 1955c: 14; Tsai, Huang, & Li 1984: 104; Tsai & Li 1963: 602. (tx) Hagedorn 1910a: 88; Murayama 1954b: 199, 1955: 123; Niisima 1909: 144; Schedl 1934f: 1639; Tsai, Huang, & Li 1984: 104; Tsai & Li 1963: 605–606, 623.

mandschuricus Eggers 1929c: 10. Lectotype ♂; Ussuri; USNM, Washington, designated by Anderson & Anderson 1971: 19.

Figures: Yin, Huang, & Li 1984: 113 (gallery).

Distribution: Asia (Heilongjiang in China/ E USSR).

Hosts: *Corylus mandshurica*, *Juglans mandshurica*. Notes: (3) Tsai & Li 1963: 28 (*coryli* Stark, nomen nudum, synonymy).

References: (cn) Kurenzov 1935c: 191. (cc) Kurenzov 1934a: 57. (hb) Kurenzov 1935a: 19, 30, 1948b: 113; Stark 1952: 262; Tsai & Li 1963: 599; Yin, Huang, & Li 1984: 113. (ds) Kleine 1934a: 142; Krivolutskaia 1983; Kurenzov 1934a: 51, 1935a: 19, 30; 1935c: 191, 1936a: 111, 1936b: 350, 1938a: 61; Murayama 1939: 137, 1942a: 49, 55; Stark 1936c: 143, 1952: 262; Tsai & Li 1963: 599; Yin, Huang, & Li 1984: 113. (tx) Anderson, W. H. & Anderson 1971: 19; Eggers 1929c: 10; 1942c: 28; Kurenzov 1941a: 145–146, 1948b: 113; Murayama 1939: 137, 140; Schedl 1934f: 1639, 1979c: 148; Stark 1936c: 143, 1952: 262; Tsai & Li 1963: 606; Yin, Huang, & Li 1984: 113.

markangensis Tsai & Li 1963: 606, 618, 624. Holotype ♂; Szechuan (Markan); IZAS, Beijing.

Figures: Tsai & Li 1963: 618; Yin, Huang, & Li 1984: 116 (head, antenna).

Distribution: Asia (Sichuan in China).

Hosts: *Abies faxoniana*.

References: (ds) Yin, Huang, & Li 1984: 115. (tx) Tsai & Li 1963: 606, 618, 624; Yin, Huang, & Li 1984: 115.

massonianus Tsai & Li 1963: 605, 613, 626. Holotype ♂; Nanking, China; IZAS, Beijing.

Distribution: Asia (Jiangsu in China).

Hosts: *Pinus massoniana*.

Notes: Tsai & Li 1963: 613 (This species was treated as *Cryphalus piceus* in Tsai & Li 1959: 85–89; *C. piceus* is a different species).

References: (ds) Yin, Huang, & Li 1984: 109. (hb) Tsai & Li 1963: 599, 605, 613, 623, 626; Yin, Huang, & Li 1984: 109.

meridionalis (Nobuchi) 1975: 55 (*Taenioglyptes*). Holotype ♀; Yona, Okinawa pref., Japan; Nobuchi Collection, Ibaraki.

Figures: Nobuchi 1975: pl. 2, fig. 19.

Distribution: Asia (Okinawa in Japan).

References: (ds) Nobuchi 1955c: 14. (tx) Nobuchi 1975: 55–56.

minimus Eggers 1927c: 76. Lectotype, sex?; Philippines; Luzon, Provinz Camarines Sur, Mount Isarog; USNM, Washington, designated by Anderson & Anderson 1971: 20.

Distribution: Micronesia (Caroline Islands, Palau), Philippine Islands (Luzon).

References: (ds) Schedl 1938g: 425; Wood, S. L. 1960a: 22. (tx) Anderson, W. H. & Anderson 1971: 20; Eggers 1927c: 76–77; Schedl 1938g: 425, 1943b: 34–35, 1953c: 289, 293, 1962r: 91, 1979c: 153; Wood, S. L. 1960a: 22, 25.

miyalopiceus Tsai & Li 1963: 602, 604, 608, 622. Holotype, sex?; China; IZAS, Beijing.

- Figures: Tsai & Li 1963: 608. Yin, Huang, & Li 1984: 102 (adult).
Distribution: Asia (Sichuan in China).
Hosts: *Picca asperata*.
References: (ds) Yin, Huang, & Li 1984: 101. (tx) Tsai & Li 1963: 602, 604, 605, 618, 622; Yin, Huang, & Li 1984: 101.
- mollis** Schedl 1955b: 288. Holotype ♀: Fiji, Suva; BMNH, London.
Distribution: Fiji Islands, Niue Island, Samoan Islands.
Hosts: *Artocarpus* sp.
References: (ds) Beaver 1976b: 534, 1987b: 64; Beaver & Maddison 1991: 1371; Browne 1974a: 64; Roberts 1976: 379; Schedl 1955b: 284. (tx) Beaver 1979c: 158, 1987b: 67; Schedl 1955b: 284, 288, 1979c: 158.
- moutaus** Nobuchi 1964: 129. Holotype ♂: Shirotoge, Okumikko, Gumma pref., Japan; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1964: 129.
Distribution: Asia (Honshu in Japan).
Hosts: *Abies mariesii*.
References: (cn) Anonyms 1980g, (ds) Anonyms 1980g; Nobuchi 1955c: 14. (tx) McNamara 1977: 196; Nobuchi 1964: 129; Schedl 1979c: 158.
- neglectus** Schedl 1962p: 106. Holotype, sex?: Bengal; Sunderbans; Schedl Collection in NHMW, Wien.
Distribution: Asia (Bengal in India).
Hosts: *Hibiscus tiliaceus*.
Notes: (3) This is *Eriocryphalus neglectus* Beeson 1941: 373 (1961: 287), nomen nudum. The type was sent by Beeson to Schedl for comparison, but was never returned to the Forest Research Institute.
References: (cn) Mathur & Singh 1960b: 51. (ds) Beeson 1961: 278; Mathur & Singh 1960b: 51; Schedl 1971a: 275. (tx) Schedl 1940d: 591, 1950f: 49, 1953c: 289, 1962p: 106, 1979c: 164.
- negrosensis** Browne 1979: 85. Holotype, sex?: Philippines: Negros, Dewey Island; BMNH, London.
Distribution: Philippine Islands (Negros).
Hosts: Bucayan seed, *Rhizophora* sp.
References: (tx) Browne 1979: 85; Nobuchi 1983: 300.
- niger** Schedl 1942c: 172. Holotype ♂: Australien, Queensland; Schedl Collection in NHMW, Wien.
Distribution: Australia (Queensland).
References: (hb) Schedl 1977a: 37. (tx) Schedl 1942c: 172–173, 1977a: 37, 1979c: 166.
- nigericus** Browne 1973a: 289. Holotype ♀; Nigeria: Bongo; MRCB, Tervuren.
Distribution: Africa (Nigeria).
Hosts: *Albizia glaberrima*.
References: (tx) Browne 1973a: 289.
- nigricans** Schedl 1943b: 35. Lectotype ♀; Bagnio, Luzon, Philippinen; Schedl Collection in NHMW, Wien.
Distribution: Asia (Sri Lanka), Philippine Islands (Luzon).
Hosts: *Myristica dactyloides*.
References: (ds) Schedl 1966b: 22. (tx) Nobuchi 1983: 300; Schedl 1942c: 172, 1943b: 35, 1979c: 167.
- niponensis** Inouye & Nobuchi 1957a: 51. Syntypes 4, sex?: Soumyko, Daisetsu-zan National Park, Hokkaido, Japan; Nobuchi Collection, Ibaraki.
Distribution: Asia (Hokkaido in Japan).
Hosts: *Picca jezoensis*.
References: (ds) Nobuchi 1955c: 14. (tx) Inouye & Nobuchi 1957a: 51.
- nitens** Browne 1980: 494. Holotype, sex?: Togian Isl. (Celebes) to Osaka (Japan), imported; BMNH, London.
Distribution: Indonesia (Celebes).
Hosts: *Ganua* sp.
References: (ds) Browne 1985a: 191, 1986c: 663. (tx) Browne 1980: 494.
- nitidipennis** Browne 1984d: 89. Holotype, sex?: New Guinea; Stony L. A.; BMNH, London.
Distribution: New Guinea.
Hosts: *Protium* sp.
References: (ds) Browne 1983a: 555, 1984d: 89. (tx) Browne 1984d: 89.
- nothofagi** Browne 1984c: 68. Holotype, sex?: New Guinea; Morobe District, Mount Kaindi, 2350 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Nothofagus* sp.
References: (tx) Browne 1984c: 68.
- numidicus** Eichhoff 1878b: 487. Syntypes, sex?: Europae Graecia; Hamburg Museum, lost.
Distribution: Africa (Algeria/ Egypt/ Libya/ Morocco/ Tunisia), Asia (Turkey), Europe (Bulgaria/ Corsica/ Greece/ Italy/ Spain/ Switzerland).
Hosts: *Abies numidica*.
References: (ay) Chararas 1973c. (bv) Chararas 1973c; Chararas, Desveaux, & Kogane-Charles 1975a; Grune 1979: 105. (cn) Chararas 1977c; Strohmeier 1930: 2. (cc) Chararas, Desveaux, & Kogane-Charles 1975a; Kleine 1908c: 186; Peyerimhoff 1934: 52. (hb) Barbey 1934; Dombrowsky 1887; Eichhoff 1881a: 45, 176; Henschel 1895a: 167; Lepiney & Mimeur 1932: 45; Postner 1974: 431; Strohmeier 1930: 2. (ds) Champion 1894; Grune 1979: 105; Hagedorn 1910d: 44; Henschel 1895a: 167; Heyden, Reitter, & Weise 1883: 181, 1891: 671, 1906: 711; Kleine 1913b: 119, 1934a: 142; Ortzen 1886: 279; Peyerimhoff 1919: 284, 1933b: 361, 1934: 52; Pfaffer 1935: 158, 1947d: 128; Pittioni 1943: 176; Postner 1974: 431; Reitter 1889a: 94, 1894a: 70; Schaulfuss 1915: 1232; Schedl 1967c: 70; Stein & Weise 1877: 164; Tredl 1907: 12. (tx) Balachowsky 1949a: 207; Dombrowsky 1887; Eggers 1940g: 37; Eichhoff 1868b: 404, 1878a: 385, 1878b: 124, 487, 1881a: 45, 176, 1883a: 109, 132; Grune 1979: 105; Hagedorn 1910a: 57; Henschel

- 1895a: 167; Hopkins 1915b: 37, 39; Pfeffer 1955a: 176; Postner 1974: 431; Reitter 1889a: 91, 189 fa: 70, 1913a: 66; Schedl 1934f: 1639; Strohmeier 1930: 1-7.
- nyalubombae** Schedl 1957d: 49. Holotype, sex?: Congo Belge; Kivu, Mt. Kahuzi; MRCB, Tervuren. Figures: Schedl 1961k: 465. Distribution: Africa (Zaire). Hosts: *Xyrodos monospora*. References: (ds) Schedl 1961k: 464, (tx) Schedl 1957d: 49, 1961k: 464-465, 1979c: 173.
- oblongus** Niisima 1910a: 9. Holotype, sex?: Tokio, Japan; Nobuchi Collection, Ibaraki. Distribution: Asia (Honslu in Japan). Hosts: *Pinus densiflora*. Notes: (3) Nobuchi 1955c: 16 (treated in *Hypothenemus* [not seen by us]). References: (ds) Kleine 1934a: 143; Murayama 1945: 2, 1949a: 12, 1951c: 3, 1953a: 10, 1954b: 164; Nobuchi 1966b: 22, 1955c: 16, (tx) Murayama 1953a: 10, 1954b: 164; Niisima 1910a: 9; Nobuchi 1966b: 22; Schedl 1934f: 1640.
- orientalis** Eggers 1911a: 122. No mention of types; Herzegovina; Metallon Pass; not given. Distribution: Europe (Yugoslavia). Notes: (1) Originally named as a subspecies of *piccae*, elevated to species rank by Stark 1936c: 143. References: (ec) Krivosheina 1974; Nikitsky 1975; Poinar 1975: 151, (hb) Stark 1952: 260, (ds) Arnoldi et al. 1955: 659; Pfeffer 1924b: 472; Pjatnitskii 1930a: 165; Stark 1936c: 143, 1952: 260, (tx) Eggers 1911a: 122-123; Iablokoff-Klmzorian 1961: 157; Pfeffer 1932b: 17; Pjatnitskii 1932: 295-302; Schedl 1934f: 1639; Sokanovskii 1954: 17; Stark 1936c: 143, 1952: 260.
- paganus** Eichhoff 1875b: 43, 129-130, 474. Holotype, sex?: Insula principalis prope oram Guineensem Africanam; Dohrn Collection at Stettin Museum, now in Schedl Collection in NHMW, Wien. Distribution: Africa (Equatorial Guinea/ Ghana/ Guinea/ Principe Island/ Sao Tome Island/ Zaire). References: (ds) Hagedorn 1910d: 44; Kleine 1913b: 119, 1914b: 315; Schedl 1961k: 465, 1962h: 58, 1962k: 1068, 1964c: 68, 1971g: 190, (tx) Browne 1965: 188; Eggers 1943c: 68; Eichhoff 1875b: 43, 129-130, 474; Hagedorn 1910a: 57; Schedl 1961k: 465, 1962k: 1068, 1979c: 182.
- palawanus** Schedl 1942a: 174. Syntypes, sex?: N. Palawan, Binaluan, Philippinen; Schedl Collection in NHMW, Wien. Distribution: Asia (Sri Lanka), Philippine Islands (Palawan). Notes: (1) Schedl 1979c: 182 (citation of holotype invalid). References: (ds) Schedl 1959a: 481, 1966b: 22, (tx) Nobuchi 1953: 300; Schedl 1942a: 174, 1959a: 481, 1979c: 182.
- pallidus** Eichhoff 1872a: 131. Holotype ♂: Madagascar; IRSNB, Brussels. Distribution: Africa (Burkina Faso/ Mauritius/ Seychelles Islands), Madagascar. Hosts: *Ficus nelleri*, *F. thomningii*. References: (hb) Beaver 1957a: 17; Paulian 1951: 27; Schedl 1961k: 466, (ds) Alluaud 1900: 439; Anonymus 1892: 165; Beaver 1957a: 17; Fairmaire 1892b; Gemminger & Harold 1872: 2683; Hagedorn 1910d: 44; Kleine 1913b: 119; Lee 1971: 31; Lepesme 1945: 145; Paulian 1951: 27; Sampson 1914: 382; Schedl 1961k: 466, (tx) Duff 1953: 13; Eichhoff 1872a: 131, 1875b: 127-128, 530; Fairmaire 1892b; Hagedorn 1910a: 57, 1913b: 254; Lepesme 1945: 145; Powell, W. 1950: 29; Sampson 1914: 382; Schedl 1951j: 19, 1961k: 466, 1969d: 8, 11, 1977a: 40, 1979c: 182.
- parculus** Niisima 1910a: 5. Holotype, sex?: Tokio, Japan; Nobuchi Collection, Ibaraki. Distribution: Asia (Honslu in Japan). References: (ds) Murayama 1954b: 199; Nobuchi 1955c: 14, (tx) Murayama 1954b: 199; Niisima 1910a: 5; Schedl 1934f: 1640.
- parvus** Browne 1954a: 152. Holotype, sex?: Virm Harbour (Solomon Islands) to Shimizu (Japan), imported; BMNH, London. Distribution: Solomon Islands. References: (tx) Browne 1954a: 152.
- pexus** Schedl 1979f: 104. Holotype, sex?: Samoa, Upolu, Tapatapao; Schedl Collection in NHMW, Wien. Distribution: Samoan Islands. References: (tx) Schedl 1979f: 104.
- piccae** (Ratzburg) 1837: 163 (*Bostriculus*). Syn-types, sex?: Oberschlesien und Baiern; not located. Figures: Balachowsky 1949a: 16, 204, 206, 208, Chararas 1962c: 242, Grune 1979: 104, Hasek 1961: 5, Nobuchi 1966d: pl. 3, Pfeffer 1989a: pl. 6, Postner 1974: 429. Distribution: Africa (Algeria), Asia ("Manchuria" in China/ Japan/ Korea/ Kuril Islands/ Turkey/ Sakhalin Island, Siberia in E USSR), Europe (Austria/ Bulgaria/ England/ France/ Germany/ Greece/ Hungary/ Italy/ Poland/ Romania/ Spain/ Switzerland/ W USSR/ Yugoslavia). Hosts: *Abies cephalonica*, *A. firma*, *A. holophylla*, *A. mariesii*, *A. pectinata*, *A. sachalinensis*, *Picea excelsa*, *P. glehnii*, *P. jezoensis*, *Pinus densiflora*. Notes: (3) Inouye & Nobuchi 1957: 52 (re-described), Ferrari 1867a: 12 misidentified *asperatus* var. *abietis*; it was actually *piccae*. References: (ay) Chararas 1973c; Escherich 1923b: 462, 481, 611; Hadorn 1933; Numberg 1928a: 140; Nusslin 1910: 293, 1911a: 5, 255, 277, 337, 378; Ritchie 1919: 171; Scherb 1971, (bv) Chararas 1973c; Chararas & Stephanopoulos 1975a; Chararas et al. 1982: 1094; Grune 1979: 105; Krol & Zabecky 1976; Prell 1931: 364;

- Schneider-Orelli 1947c: 94; Schwerdtfeger 1951: 193; Wichmann 1953a: 107, 1967. (**cn**) Androic 1966: 48; Barbey 1901: 69, 1906a, 1925: 162; Bezares 1921, 1929: 38–42; Borcea 1924: 221–260, 1930: 271; Bram 1941b: 375; Bruneau 1950; Capecki 1982; Capek et al. 1957; Chararas 1959c: 113–129, 1959f: 3612–3614, 1961b: 69, 1961c: 92, 1978; Chorbadzhievo 1929; Eckstein 1915, 1926: 578; Elmstrom et al. 1974; Escherich 1923b: 462, 481, 611, 1936; Fankhauser 1896; Felt 1906: 753; Fice 1961: 173–204; Fitze 1953: 1–28; Gabler 1955; Georgescu et al. 1957: 357, 448; Georgijevic 1966: 3–48; Gradojevic 1920; Grandi 1951; Hasek 1955, 1961: 5; Hess 1898: 360; Hess & Beck 1914: 265, 1927: 321; Hierholzer 1954a: 338; Hopkins 1899: 444; Hrubik 1973; Inouye 1955; Inouye & Yamaguchi 1955a: 235; Jacentkovsky 1933: 270; Joly 1949b: 253, 1976b; Judeich & Nitsche 1895: 492, 526; Kahl 1896; Kailidis 1964a: 41–54, 1966a: 81–85, 1968; Kailidis & Georgievits 1968: 1–64, 1972; Kailidis & Markalas 1988; Keller 1903b: 58; Koch 1913: 95; Kovacevic 1957: 67; Krol & Zabecki 1976; Maksimovic & Milanovic 1964, 1966; Maksymov 1950: 502; Marcu 1926c: 63, 1930: 327–336; Marie 1926: 167–171; Martin & Cobos 1986; Merker 1954b: 209; Mizumo 1963: 272–277, 1966: 93–97; Muller 1912: 185; Murayama 1954a: 14; Nosek 1951: 105, 1952b: 98; Novak, V., Hrozinka, & Stary 1976: 69; Nusslin 1913: 223; Pfeffer 1924b: 472; Pierce, W. D. 1917: 69; Regula 1955: 120; Rhumbler 1922: 299, 1927: 312; Ritchie 1919: 171; Scheidter 1919: 84, 1920: 209; Schimitschek 1937b: 9, 1937c: 52, 1947g: 188, 1949b: 180, 1950: 53, 1952a: 194, 1955a: 43, 85, 1955b: 102, 1955c: 82, 1956: 342, 1961a: 154; Schmidt 1881: 34; Schmeeberg 1925: 495; Schneider-Orelli & Kuhn 1948: 533; Schwappach et al. 1929: 186; Schwerdtfeger 1944a: 182, 1950b: 68, 1957a: 188; Sedlaczek 1921: 335, 1933: 307, 1936: 200; Shiraki 1952; Simreich 1958: 196–198, 1961: 166, 1962; Slander 1948: 10; Spaic 1955: 454; Stockl 1941: 177; Strohmeier 1930: 2; Sturm 1843: 230; Thalenhorst 1950: 90; Tamanki 1933: 1–54; Tomic 1957: 207–210; Trinchieri 1921: 1–12; Wachtl 1901: 381; Wähl & Müller 1913: 1–70, 1919: 168–170; Wardle 1929: 325; Weber, H. 1926: 578; Wilke 1931: 636; Wohlmann 1936: 41; Wolff & Krausse 1922: 88; Yamagisawa 1952: 106; Zivojinovic 1950: 299–310. (**cc**) Apfelbeck 1916b; Balazy & Michalski 1964b; Barbey 1906a; Belanowskii 1930; Capecki 1982; Capek 1957; Capek & Capecki 1979; Chararas 1955b, 1959a, 1959c, 1959d, 1959e, 1959f, 1960a: 31; Chararas et al. 1982: 1094; Fuchs 1914a, 1929a, 1930; Gaulle 1906: 237; Gyorfı 1952b; Haeselbarth 1962: 283, 1967; Hierholzer 1954a: 338, 1954b: 387; Hirschmann & Wisniewski 1982: 1983; Hubault 1923a; Inouye 1954: 171; Inouye & Yamaguchi 1955a: 235; Inouye et al. 1955: 58; Jannicky 1957c; Joly 1949a: 7; Karpinski 1932a: 95; Kielezewski, Moser, & Wisniewski 1983; Kielezewski & Wisniewski 1978, 1983; Kleine 1908c: 186, 1909a: 46, 1944: 80; Kraemer 1950b: 354; Krol & Zabecki 1976; Merker 1954b: 209; Michalski & Ragajczak 1989; Nishiguchi 1959: 271; Nosek 1951: 105, 1952b: 98; Numberg 1930: 203; Nusslin 1927: 300; Perris 1856a: 244; Pfeffer 1923a: 331, 1925b: 7, 1932a: 18, 1943b: 179, 1955b: 84, 1960: 345; Poinar 1975: 151; Rondani 1873: 146; Ruhm 1955c: 76, 1956b: 3; Scheidter 1919: 69–90, 1920, 1936: 235; Schimitschek 1930a: 326, 1950: 53, 1952a: 194, 1955a: 43, 85, 1964e; Schwerdtfeger 1944a: 182, 1950b: 68, 1957a: 188; Sedlaczek 1900: 503, 1908: 46, 1933: 307, 1935a: 163; Szymusik 1923: 7; Tenkacova & Mituch 1987; Thompson, W. R. 1943: 37; Wichmann 1953a: 107, 1967; Wilke 1931: 636; Yasunatsu & Watanabe 1965: 68. (**hb**) Album 1881c: 322; Apfelbeck 1916b, 1917; Barbey 1901: 10, 22, 69, 1913, 1925: 162, 1934, 1942; Bargmann 1897a, 1900, 1906; Belfa 1949, 1961; Borcea 1924; Bram 1941c; Ceconi 1906, 1924; Chamberlin 1939: 315; Chararas 1961b: 69, 1961c: 92, 1962c: 242; Charvat 1950; Chorbadzhievo 1929; Dombrowsky 1887; Eckstein 1897, 1915, 1926: 578; Eichhoff 1881a: 45, 172; Escherich 1923b: 462, 481, 611; Fuchs 1904a, 1905c: 339; Gabler 1955; Gillanders 1906, 1908; Grandi 1951; Gyorfı 1957; Hladon 1933; Helmbacher 1924; Hemmings 1908b, 1908c: 218; Henschel 1876a: 240, 1895a: 167; Hess 1898: 360; Hess & Beck 1914: 265, 1927: 321; Inouye 1954: 171; Inouye et al. 1954: 129, 1955: 58; Joly 1949a: 7, 1976b; Judeich & Nitsche 1895: 526; Kalandra 1948: 107–116; Kalina 1970: 123; Karpinski & Strawinski 1948: 155; Kraemer 1950b: 354; Kurenzov 1935a: 20; Lengerken 1939: 39, 1954: 82; Maksymov 1950: 502; Masutti 1964; Mizumo 1963; Nordlinger 1856: 29; Novak, V., Hrozinka, & Stary 1976: 69; Numberg 1929: 102; Nusslin 1898: 280, 1906b: 14, 1907: 613, 1913: 223, 1927: 300; Perris 1856a: 244; Pfeffer 1941b: 16; Postner 1974: 429; Prell 1931: 364; Ratzeburg 1837: 157, 1839: 197; Reh 1900a: 94; Rhumbler 1922: 299, 1927: 312; Ritchie 1919: 171; Rupertsberger 1880: 229; Schimitschek 1929: 83, 1930a: 326, 1955a: 43, 85; Schmidt 1881: 34; Schneider-Orelli 1947c: 94; Schwappach et al. 1929: 186; Schwerdtfeger 1944a: 182, 1957a: 188, 1951: 193; Sedlaczek 1900: 503, 1921: 335, 1935a: 163; Spessivtsov 1913a: 91; Stark 1952: 260; Strohmeier 1930: 2; Szujeci 1955: 242; Wachtl 1901: 381; Weber, H. 1926: 578; Wolff & Krausse 1922: 88. (**ds**) Aclouque 1896; Allen, A. A. 1965b: 47; Ammann & Knabl 1923; Androic 1966: 48–49; Anonymous 1928c: 202; Arnoldi et al. 1955: 689; Arm, Covassi, & de Bellis 1966: 32; Andras & Schaefer 1957; Bach 1854: 136; Barthe 1896; Bau 1888; Baudisch 1899; Bedel 1888b: 398, 414; Belfa 1949; Bielz 1887;

- Blanchere & Robert 1889; Blatchley & Leng 1916: 606; Borcea 1924; Borchert 1951; Brakman 1966b: 206; Branesik 1906; Buckingham 1932; Buresh & Lazarov 1956; Capek et al. 1957; Cecconi 1897, 1906; Chamberlin 1939: 315; Chapuis & Gandeze 1853; Charvat 1950; Cho 1955, 1957; Choo 1983: 74; Choo & Woo 1985: 163; Chorbadzhievo 1924d, 1929; Crotch 1863; Eggers 1904; Endrodi 1957b; Escalera 1919; Fowler 1891; Fuchs 1901a, 1905a, 1905c: 339; Fuss 1874; Gabler 1949b; Gaubil 1849: 126; Gozis 1875: 80; Gredler 1866: 373, 1875: 115; Grune 1979: 105; Hagedorn 1910d: 44; Henschel 1895a: 167; Heyden 1879: 140; Heyden, Reitter, & Weise 1883: 181, 1891: 671, 1906: 711; Hoddhaus & Deubel 1910: 145; Horion 1935, 1951; Hubault 1923b; Jacentkovsky 1933: 270, 1939: 76; Jazentkovsky 1912: 288; Joly 1949b: 253, 1976b; Judeich & Nitsche 1895: 526; Kailidis 1964a, 1966: 55, 1985; Kailidis & Georgevits 1972; Kailidis & Markalas 1988; Kaltenbach 1874: 685; Karpinski 1925: 216, 1926: 82, 1932a: 95, 1948b: 230; Karpinski & Strawinski 1948: 155; Keler 1925b: 272; Kestercanek 1881a: 12; Kiefer et al. 1942: 528; Kleine 1912a: 161, 263–264, 267, 1913a: 35, 1913b: 119, 1914b: 256, 1934a: 142; Kloft & Hinks 1945: 218; Knotek 1892a: 37, 1894a: 555; Ko 1969: 275; Kocher 1953: 133; Kono 1938b: 65; Kono & Tamamuki 1939: 88, 92–93; Kovacevic 1957: 67; Kraatz 1869: 59; Krivolutskaia 1983; Ku 1964; Kugela 1946a: 339; Kurenzov 1935a: 20; Kurir 1947c: 17; Lacordaire 1866: 379; Langhoffer 1915c: 157; Leng 1918: 211; Lokaj 1868: 64; Lomnicki 1913b: 148; Lucht 1957: 278; Marcu 1926c: 63; Matthews & Fowler 1883: 42; Michalski 1957: 164; Munro 1926: 4–77; Murayama 1929e: 44, 1930b: 7, 1949a: 12, 1949c: 101, 1950b: 1291, 1953a: 10, 1953c: 151, 1954a: 14, 1954b: 164; Negri 1966b: 402, 1968a: 456; Nobuchi 1966d: 24, 1985c: 14; Numberg 1928b: 88, 105, 1954: 52, 1964a: 235; Nusslin 1898: 280; Orest 1926c: 63; Perris 1876a: 254, 1877a: 414; Pfeffer 1924a: 96, 1928b: 7, 1931b: 75, 1947d: 128, 1960: 345, 1989a: 81; Pierce, W. D. 1917: 69; Pittioni 1943: 175; Postner 1974: 429; Prossen 1913: 83; Rapp 1934: 727; Ratzeburg 1837: 157, 1839: 197; Redtenbacher 1858: 832, 1874: 376; Reitter 1869a: 154, 1888b: 280, 1889a: 94, 1894a: 70, 1916: 288, 350; Ronbal 1941: 263; Sainte-Claire & Mequignon 1938: 445; Schauffuss 1915: 1231; Schamm 1859: 96, 1862: 101; Schedl 1959h: 100, 1964a, 1967c: 70, 1980a: 14, 1981b: 74; Scheepeltz & Winkler 1930: 257; Schilsky 1909: 188; Schwerdtfeger 1981: 193; Seidl 1876: 4; Seidlitz 1891a: 562, 1891b: 607; Sharp & Fowler 1893: 34; Shiraki 1952: Solla 1893: 217; Stark 1926b: 103, 1927b: 88, 1936c: 143, 1952: 260; Stein 1868: 114; Stein & Weise 1877: 164; Stierlin 1898: 439; Stierlin & Gantard 1871: 292, 1906: 205; Swaine 1909: 92; Szujecki 1955: 242; Thomson 1865: 359; Tredl 1907: 12; Wanka 1920: 202–213; Wichmann 1924: 15–17, 1927a: 67; Wilke 1931: 636; Winter, T. G. 1893: S. (tx) Acloque 1896; Allen, A. A. 1965b; Bach 1854; Balachowsky 1949a: 16, 204, 206, 208; Barbey 1901: 10, 22, 69; Bedel 1888b: 398, 414; Boffa 1949, 1961; Bertolini 1872; Blatchley & Leng 1916: 606; Browne 1970: 552; Ceballos 1945; Chapuis & Gandeze 1853; Chararas 1962c: 242; Charvat 1950; Choo 1983: 74; Chorbadzhievo 1924d; Csiki 1910; Doebner 1860, 1862; Dombrowsky 1887; Duffly 1953; Eggers 1911a: 121, 1921: 39–40, 1926b: 136, 1940g: 37; Eichhoff 1864b: 35, 1876a: 379, 1878a: 378–379, 1878b: 122, 1881a: 45, 172–176, 1883a: 109, 132; Endrodi 1957b; Escherich 1923b: 462, 481, 611; Fanyel 1889; Ferrant 1911; Ferrari 1867a: 12, 15; Fleischer 1905, 1927; Formanek 1907: 34; Gabler 1949b, 1955; Gebien 1907: 197; Gillanders 1906, 1908; Grune 1979: 104–105; Hagedorn 1910a: 87; Hasek 1961: 5; Henschel 1876a: 240, 1878a, 1895a: 167; Hopkins 1914: 130, 1915b: 39; Iablokoff-Khnzorian 1961: 157; Inouye & Nobuchi 1957a: 52; Joly 1976, 1976b; Judeich & Nitsche 1895: 526; Kailidis 1966a; Kalina 1970: 124; Karpinski 1949: 129; Karpinski & Strawinski 1948: 155; Kama 1970: 278; Knotek 1892a: 37; Kochl 1913: 95; Kuhlnt 1913: 1055; Lacordaire 1866: 379; Letzner 1891: 375; Lucht 1987: 278; Murayama 1950b: 1291, 1953a: 10, 1954b: 164; Negri 1966b: 402; Niisima 1908a: 90, 1909: 141, 1910a: 8, 1929: 376–381; Nobuchi 1966d: 24, pl. 3; Nordlinger 1848: 244, 1856: 29; Novak, V., Hrozinka, & Stary 1976: 69; Numberg 1928a: 140, 1930: 200–208, 1948a: 1–30, 1954: 52; Nusslin 1911a: 5, 255, 277, 337, 378; Perris 1877a: 414; Pfeffer 1932b: 17, 1941b: 16, 1955a: 176, 1989a: pl. 6; Portevin 1935: 324; Postner 1974: 429; Quaschik 1953: 35; Ratzeburg 1837: 157, 163, 1839: 197; Redtenbacher 1849a: 791, 1849b: 26, 1858: 832, 1874: 376; Reitter 1889a: 94, 1894a: 70, 1913a: 66, 1916: 288, 350; Rhumbler 1922: 299, 1927: 312; Rupertsberger 1880: 229; Schedl 1934f: 1639, 1952f: 87, 1980a: 14, 1981b: 74; Scherb 1971; Schmittschek 1936a: 565–602, 1937b: 1–25, 1937c: 52, 1955c: 82; Seidlitz 1891a: 562, 1891b: 607; Spessivtsev 1913a: 91, 1931: 49, 1936: 143; Stark 1952: 260; Stierlin 1898: 439; Swaine 1909: 92–93; Thomson 1865: 359; Wood, S. L. 1954a: 1002–1004. (ms) Chararas 1959d; Fankhauser 1885: 185; Mizumo 1963; Reh 1900a: 94; Ritter 1929: 555; Schmittschek 1955b: 102; Sedlacek 1936: 200; Sinreich 1962.
- hattorii* Kono 1938b: 67. Holotype, sex?; Nukahira; Kono Collection. Synonymy: Inouye & Nobuchi 1957a: 52.
- References: (cn) Inouye & Yamaguchi 1955a: 235, (cc) Inouye & Yamaguchi 1955a: 235. (ds) Kono 1938b: 65, 67–68; Murayama 1954b: 199, (tx) Inouye & Nobuchi 1957a: 52; Kono 1938b: 65, 67–68; Murayama 1954b: 199.

- subdepressus* Eggers 1940g: 37. Holotype, sex?: Kleinasien (Avancik); Eggers Collection, in NHMW, Wien. Synonymy: Wood 1992a: 59. References: (cn) Schimitschek 1944: 172. (cc) Schimitschek 1941a: 305. (hb) Schimitschek 1944: 172. (tx) Eggers 1940g: 37–38; Schedl 1979c: 241; Wood, S. L. 1992a: 59.
- piceus* Eggers 1926b: 136. Lectotype, sex?: Hokkaido (Jozankei); USNM, Washington, designated by Anderson & Anderson 1971: 25. Figures: Tsai & Li 1959: 55. Distribution: Asia (Heilongjiang in China/ N Japan/ Sakhalin Island, Siberia in E USSR). Hosts: *Picea excelsa*, *P. glehnii*, *P. jezoensis*, *P. obovata*, *Pinus koraiensis*, *P. montana*. References: (cn) Anonymous 1950g; Inouye 1955; Inouye & Yamaguchi 1955a: 235; Kurenzov 1935c: 157, 1950a: 6, 1956a: 90, 1956b: 29. (cc) Inouye & Yamaguchi 1955a: 235; Kono & Watanabe 1935: 69; Kurenzov 1934a: 57; Nishiguchi 1960c: 64–73. (hb) Inouye, Koizumi, & Takai 1954: 129; Krivolitskaya 1956: 532, 1973: 134; Kurenzov 1935a: 32, 1948b: 109, 1950d: 146; Lunardoni & Leonardi 1859: 457; Munro 1926: 60. (ds) Anonymous 1950g; Krivolitskaya 1956: 532, 1965a: 232, 1973: 134; Kurenzov 1934a: 57, 1935a: 32, 1935c: 187, 1936a: 111, 1936b: 351, 1938a: 59, 1957b: 17, 1965; Lunardoni & Leonardi 1859: 457; Murayama 1951c: 4, 1954b: 199; Stark 1936c: 144, 1952: 268; Tsai & Li 1963: 603; Yin, Huang, & Li 1984: 108. (tx) Anderson, W. H. & Anderson 1971: 25; Beeson 1935: 107; Eggers 1926b: 136, 1942c: 29; Inouye & Nobuchi 1957a: 53; Koch 1932: 147; Krivolitskaya 1956: 532, 1958: 142; Kurenzov 1941a: 146–147, 1948b: 109, 1950: 146; Lunardoni & Leonardi 1859: 457; Murayama 1954b: 199, 1955: 934; Schedl 1934f: 1639, 1979c: 193; Stark 1936c: 144, 151, 1952: 268; Tsai & Li 1959: 58, 1963: 605; Yin, Huang, & Li 1984: 108.
- pilifer* Eggers 1927b: 394. Syntypes 1 ♂, 1 ♀; Sumatra (Si Rambi); MCG, Genova, and 1 in Eggers Collection, in NHMW, Wien. Distribution: Indonesia (Sumatra). References: (tx) Eggers 1927b: 394; Schedl 1979c: 193.
- pilosellus* Erichson 1842: 212. Holotype, sex?: Vandiemensland; MNB, Berlin. Distribution: Australia (Tasmania). Hosts: *Bursaria spinosa*. Notes: (3) Eichhoff 1875b: 135 (re-described). References: (ds) Brimblecombe 1953: 17; Gemminger & Harold 1872: 2683; Hagedorn 1910d: 44; Kleine 1913b: 119, 1914b: 299. (tx) Eichhoff 1875b: 135; Erichson 1842: 212; Ferrari 1867a: 17; Hagedorn 1910a: 57; Lea 1910a: 143; Schedl 1936g: 527; 1943b: 36.
- pilosulus* Browne 1950b: 355. Holotype, sex?: Kiri (New Guinea) to Yatsushiro (Japan), imported; BMNH, London. Distribution: New Guinea. References: (tx) Browne 1950b: 355.
- pilosus* Tsai & Li 1963: 606, 617, 624. Holotype, sex?: Ssuehuan, China; IZAS, Beijing. Figures: Tsai & Li 1963: 616–617, Yin, Huang, & Li 1984: 115 (adult). Distribution: Asia (Sichuan in China). Hosts: *Abies faxoniana*. References: (tx) Tsai & Li 1963: 606, 616–617, 624; Yin, Huang, & Li 1984: 114.
- planicollis* Schedl 1975d: 74. Holotype, sex?: Neukaledonien, Col. d'Amien; Schedl Collection in NHMW, Wien. Distribution: New Caledonia Island. References: (tx) Schedl 1975d: 74.
- premayaensis* Murayama 1943b: 97. Holotype ♂: Premaya, dans le grand Khingun, Manchuria; Murayama Collection in USNM, Washington. Distribution: Asia ("Manchuria" in China). Hosts: *Larix gmelini*. References: (ds) Murayama 1943b: 97. (tx) Murayama 1943b: 97.
- procerus* Schedl 1953c: 296. Holotype, sex?: Sumatra, Post de Kock, 920 m; Schedl Collection in NHMW, Wien. Distribution: Indonesia (Sumatra). Notes: (3) Schedl 1953c: 296 (*sumatranus* Eggers, nomen nudum, synonymy). References: (tx) Schedl 1953c: 296, 1979c: 199.
- pruni* Eggers 1929c: 11. Holotype, sex?: Ussuri; USNM, Washington. Distribution: Asia (Yunnan in China/ Sakhalin Island, Siberia in E USSR). Hosts: *Prunus triloba*. References: (cn) Kurenzov 1935c: 159. (cc) Kurenzov 1934a: 50. (hb) Kurenzov 1935a: 19, 31, 1948b: 121; Stark 1952: 270. (ds) Kleine 1934a: 142; Krivolitskaya 1958: 144, 1983; Krivolitskaya & Kupyanskaya 1970; Kurenzov 1934a: 50, 1935a: 19, 31, 1935c: 159, 1936a: 110, 1936b: 350; Stark 1936c: 144, 1952: 270. (tx) Anderson, W. H. & Anderson 1971: 26; Eggers 1929c: 11; Kurenzov 1941a: 41, 146–149, 154, 1948b: 121; Schedl 1934f: 1639, 1979c: 200; Stark 1936c: 144, 151, 1942: 270.
- pseudochinlingensis* Tsai & Li 1963: 605, 610, 623. Holotype ♂: Shenhsi (Hsze Chuan), China. Distribution: Asia (Shanxi in China). Hosts: *Pinus armandi*, *P. tabulaeformis*. References: (hb) Yang 1959c. (ds) Yin, Huang, & Li 1984: 110. (tx) Tsai & Li 1963: 605, 610, 623; Yin, Huang, & Li 1984: 110.
- pseudotabulaeformis* Tsai & Li 1963: 605, 613, 623. Holotype ♂: Shenhsi (Li Ping), China; IZAS, Beijing.

- Distribution: Asia (Sichuan in China).
Hosts: *Pinus tabulaeformis*.
References: (ds) Yin, Huang, & Li 1984: 110 (tx) Tsai & Li 1963: 599, 605, 613, 623–624; Yin, Huang, & Li 1984: 110.
- puberulus** Schedl 1942c: 171. Lectotype ♀: Australien, Queensland, Inbil; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 202. Distribution: Australia (Queensland).
Hosts: *Grevillea robusta*.
References: (tx) Schedl 1942c: 171, 1979c: 202
- pubescens** Hopkins 1915b: 39–40. Holotype ♀: Port Williams, Washington [USA]; USNM, Washington.
Figures: Bright & Stark 1973: 157 (adult).
Distribution: North America (British Columbia in Canada/ California, Oregon, Washington in USA).
Hosts: *Abies grandis*, *Picea sitchensis*, *Pinus lambertiana*, *Pseudotsuga menziesii*, *Sequoia sempervirens*.
References: (bv) Daterman, Rudinsky, & Nagel 1965; (cn) Doane et al. 1936; Hopkins 1904c: 16; Swaine 1915a: 57; (cc) Dextrup & Gara 1975: 274; Kinn 1971; Marsh 1979: 150, 158; (hb) Bright & Stark 1973: 67; Chamberlin 1939: 314, 1958: 133; Daterman, Rudinsky, & Nagel 1965; DeLeon 1952: 75; Doane et al. 1936; Hopkins 1904a: 16; Swaine 1915a: 57; Wood, S. L. 1953: 84, 1954a: 1003; (ds) Bright 1976d: 112; Bright & Stark 1973: 67; Chamberlin 1925, 1939: 314, 1958: 133; DeLeon 1952; Finmiss, R. L. & Carolin 1977: 377; Keen 1929a: 29; Kleine 1934a: 142; Patterson & Hatch 1945: 152; Wood, S. L. 1972a: 415, 1982b: 867; (tx) Bright 1976d: 112; Bright & Stark 1973: 157; Chamberlin 1939: 314, 1958: 133; Hopkins 1915b: 39–40; Keen 1929a: 29; Swaine 1915a: 57–58; Wood, S. L. 1953: 84, 1954a: 959–960, 1002–1003, 1972a: 415, 1982b: 867.
- subconcentralis** Hopkins 1915b: 39–40. Holotype ♀: Astoria, Oregon [USA]; USNM, Washington. Synonymy: Wood 1954a: 1003.
References: (cn) Doane et al. 1936; Swaine 1915a: 57–58; (hb) Chamberlin 1939: 313; Doane et al. 1936; Swaine 1915a: 57–58; (ds) Chamberlin 1917, 1925, 1939: 313; Hopping 1922; Keen 1929a: 29, 1934a: 142; (tx) Chamberlin 1939: 313; Hopkins 1915b: 39–40; Keen 1929a: 29; Swaine 1915a: 57–58; Wood, S. L. 1954a: 959, 979, 1003.
- pulchellus** (Nobuchi) 1975: 54 (*Taeniochlyptes*). Holotype, sex?; Higashikawa, Nara pref., Japan; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1975: pl. 2, fig. 17.
Distribution: Asia (Japan).
Hosts: *Aesculus turbinata*.
References: (ds) Nobuchi 1985c: 15; (tx) Nobuchi 1975: 54.
- punctatostratus** Schedl 1942a: 175. Holotype, sex?; Singapur; Schedl Collection in NHMW, Wien.
- Distribution: Asia (Singapore in Malaya).
References: (ds) Browne 1961c: 69; (tx) Schedl 1942a: 175, 1953c: 296, 1979c: 204.
- punctatus** Browne 1954: 66. Holotype, sex?; New Guinea: Morobe District, Wan, Kumai Creek; BMNH, London.
Distribution: New Guinea.
References: (ds) Browne 1954c: 66.
- punctipennis** Schedl 1942c: 169. Holotype, sex?; Australien, Queensland; Schedl Collection in NHMW, Wien.
Distribution: Australia (Queensland).
References: (tx) Schedl 1942c: 169, 1979c: 205.
- pusillimus** Schedl 1942c: 171. Holotype, sex?; New Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1942c: 171, 1979c: 206.
- pusillus** Schedl 1943b: 35. Holotype, sex?; Port Banga, Mindanao, Philippinen; Schedl Collection in NHMW, Wien.
Distribution: Philippine Islands (Mindanao).
References: (ds) Schedl 1966b: 22; (tx) Nobuchi 1983: 300; Schedl 1943b: 35, 1951i: 50, 1979c: 206.
- redikorzevi** Berger 1916: 232. Holotype ♀: S. Ussuri Terr., Sedanka; not located.
Figures: Yin, Huang, & Li 1984: 100 (adult).
Distribution: Asia (Sichuan in China/ Sakhalin Island, Siberia in E USSR).
Hosts: *Abies fabri*, *A. holophylla*.
References: (cn) Kurenzov 1935c: 191; (cc) Kurenzov 1934a: 51; (hb) Krivolitskaya 1956: 835; Kurenzov 1935a: 19, 32, 1948b: 102, 1950d: 144; Stark 1952: 257; (ds) Kleine 1934a: 142; Krivolitskaya 1956: 835, 1983; Kurenzov 1934a: 51, 1935a: 19, 32, 1935c: 191, 1936b: 350; Stark 1936e: 142, 1952: 257; Tsai & Li 1963; Yin, Huang, & Li 1984: 100; (tx) Berger 1916: 232; Eggers 1921: 39–40; Krivolitskaya 1956: 835, 1958: 142; Kurenzov 1941a: 149–150, 154, 1948b: 102, 1950: 144, 152; Michalski 1969a: 892, 1969b: 567; Schedl 1934f: 1639, 1952: 257; Sokanovskii 1954: 16; Stark 1936e: 142, 1952: 257; Tsai & Li 1963: 604, 622; Yin, Huang, & Li 1984: 100.
- resiniferi** Schedl 1943b: 36. Lectotype ♀; Benquet, Mt. Sta. Tomas (Philippines); Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 210. Distribution: Philippine Islands (Luzon).
Hosts: *Pittosporum resiniferum*.
References: (ds) Schedl 1966b: 22; (tx) Nobuchi 1983: 300; Schedl 1943b: 36, 1954a: 148, 1979c: 210.
- rhusi** Niisima 1909: 145. Holotype, sex?; Chitose in der Prov. Ishikari; Nobuchi Collection, Ibaraki.
Distribution: Asia (Japan).
Hosts: *Rhus toxicodendron* var. *radicans*.
References: (ds) Kleine 1913b: 119, 1914b: 251, 1934a: 142; Murayama 1954b: 164, 1955: 103; Nobuchi 1955c: 15; (tx) Hagedorn 1910a: 88;

- Murayama 1954b: 164, 1955: 103; Niisima 1909: 145; Schedl 1934f: 1639.
- robustus** Eichhoff 1872a: 131. Syntypes 5, sex?; Amer. bor. (?), Eichhoff 1878b: 122 gives America septentrionalis; IRSNB, Brussels.
Distribution: America septentrionalis (?).
Notes: The syntypes resemble *Hypocryphalus mangiferac* and are either that species or they were mislabeled or represent an interception. They were apparently among Dejean material with only a blank disk to indicate origin.
References: (ds) Gemminger & Harold 1872: 2683; Hagedorn 1910d: 44–45; Kleine 1913b: 119; Swaine 1909: 93. (tx) Eichhoff 1872a: 131, 1878b: 121; Hagedorn 1910a: 57; LeConte 1876: 362; Swaine 1909: 93.
- rubentis** Hopkins 1915b: 39–40. Holotype ♀; Pocahontas Co., West Virginia [USA]; USNM, Washington.
Distribution: North America (North Carolina, Pennsylvania, West Virginia in USA).
Hosts: *Picea rubens*.
References: (cn) Blackman 1950; Doane et al. 1936; Hopkins 1904a: 24. (hb) Baker, W. L. 1972: 259; Blackman 1950; Chamberlin 1939: 313; Doane et al. 1936; Hopkins 1904a: 24; Wood, S. L. 1953: 57, 1954a: 1004. (ds) Baker, W. L. 1972: 259; Blackman 1950; Blatchley & Leng 1916: 606; Chamberlin 1925, 1939: 313; Drooz 1955: 363; Kleine 1934a: 142; Wood, S. L. 1952b: 869. (tx) Blackman 1922c: 126–128; Blatchley & Leng 1916: 606; Chamberlin 1939: 313; Hopkins 1915b: 39–40; Wood, S. L. 1953: 57, 1954a: 959, 979, 1004, 1952b: 869.
- ruficollis** Hopkins 1915b: 39–40. Holotype ♀; Alta, Utah [USA]; USNM, Washington.
Figures: Bright 1976d: 202, 210, Kusch 1967: 10.
Distribution: North America (Alaska/ Alberta, British Columbia, Manitoba, New Brunswick, Newfoundland, Nova Scotia, Ontario, Prince Edward Island, Quebec in Canada/ Nuevo Leon in Mexico/ Arizona/ California/ Colorado/ Idaho/ Maine/ Montana/ New Mexico/ New York/ Oregon/ Utah/ Washington/ Wyoming in USA).
Hosts: *Abies amabilis*, *A. balsamea*, *A. fraseri*, *A. grandis*, *A. magnifica*, *A. lasiocarpa*, *Picea engelmannii*, *P. glauca*, *P. rubens*, *Pseudotsuga menziesii*.
References: (bv) Furniss, M. M., Baker, & Hostetler 1976: 1300. (cn) Beckwith 1972; Dewey & Clinton 1980; Hopkins 1904a: 24; Smith, G. J. & Melvin 1974a, 1974b. (cc) Hertert, Miller, & Partridge 1975: 201; Tomalak, Welsh, & Garroway 1989b; Werner & Holsten 1984. (hb) Baker, W. L. 1972: 259; Bright & Stark 1973: 68; Chamberlin 1939: 314, 1958: 133–134; Hopkins 1904a: 24; Wood, S. L. 1953: 92, 1954a: 1005, 1952b: 870. (ds) Baker, W. L. 1972: 256; Beckwith 1972a; Bright 1971a: 125, 1976d: 113; Bright & Stark 1973: 68; Chamberlin 1939: 314, 1958: 133–134; Drooz 1955: 363; Elias 1982c, 1985: 39; Evans, D., Lowe, & Hunt 1978; Furniss, M. M. 1978; Furniss, R. L. & Carolin 1977: 377; Gast et al. 1989: 355; Gautreau & Melvin 1974: 14; Hertert, Miller, & Partridge 1975: 201; Kusch 1967; Miller, R. F. & Morgan 1952; Miller, R. F., Morgan, & Hicock 1955: 500; Morgan, A. V. & Morgan 1980; Smith, G. J. & Melvin 1974a, 1974b; Still, Tidsbury, & Melvin 1974a: 14; Werner & Holsten 1984; Wood, S. L. 1948: 41, 1972a: 415, 1952b: 870. (tx) Beckwith 1972, 1972a; Bright 1976d: 113, 202, 210; Chamberlin 1939: 314, 1958: 133–134; Hopkins 1915b: 39–41; Kusch 1967: 10; Wood, S. L. 1953: 92, 1954a: 960, 1005, 1972a: 415, 1977d: 512, 1952b: 870, 1989: 171.
- approximatus** Hopkins 1915b: 40. Holotype ♀; Sandpoint, Idaho [USA]; USNM, Washington.
Synonymy: Wood 1954a: 1005.
References: (cn) Doane et al. 1936; Swaine 1915a: 57. (hb) Chamberlin 1939: 315; Doane et al. 1936; Swaine 1915a: 57. (ds) Chamberlin 1925, 1939: 315; Keen 1929a: 29; Kleine 1934a: 142; Wood, S. L. 1951a: 128. (tx) Chamberlin 1939: 315; Hopkins 1915b: 40–41; Keen 1929a: 29; Swaine 1915a: 57; Wood, S. L. 1954a: 959, 1005.
- fraseri** Hopkins 1915b: 40–41. Holotype ♀; Pisgah Ridge, North Carolina [USA]; USNM, Washington. Synonymy: Wood 1989: 171.
References: (cn) Blackman 1950; Doane et al. 1936; Lindquist, O. H. & Syme 1981: 106. (hb) Baker, W. L. 1972: 259; Beal & Massey 1945: 119–120; Blackman 1950; Chamberlin 1939: 313; Doane et al. 1936; Wood, S. L. 1954a: 110, 1952b: 869. (ds) Amman 1969a; Baker, W. L. 1972: 259; Beal & Massey 1945: 119–120; Blackman 1950; Blatchley & Leng 1916: 607; Chamberlin 1925, 1939: 313; Drooz 1955: 363; Kleine 1934a: 142; Lindquist, O. H. & Syme 1981: 106; Wood, S. L. 1952b: 869. (tx) Beal & Massey 1945: 119–120; Blatchley & Leng 1916: 607; Chamberlin 1939: 313; Hopkins 1915b: 39–41; Lindquist, O. H. & Syme 1981: 106; Wood, S. L. 1954a: 960, 1010, 1952b: 869, 1989: 171.
- balsameus** Hopkins 1915b: 40. Holotype ♀; Camp Caribou, Maine [USA]; USNM, Washington. Synonymy: Wood 1954a: 1010.
References: (bv) Hosking & Knight 1975. (cn) Blackman 1919: 145, 1950; Doane et al. 1936; Swaine 1915a: 57, 89. (cc) Felt 1906: 673. (hb) Blackman 1950; Chamberlin 1939: 313; Doane et al. 1936; Felt 1906: 673; Swaine 1915a: 57, 89. (ds) Anonymous 1926c: 518; Beaulne 1956; Blackman 1950; Blatchley & Leng 1916: 607; Chamberlin 1925, 1939: 313; Dodge 1938: 15, 39; Hatch 1924; Kleine 1934a: 142; Leonard 1928: 518. (tx) Blackman

- 1922c: 126–128; Blatclley & Leng 1916: 607; Chamberlin 1939: 313; Dodge 1938; Hopkins 1915b: 40–41; Swaine 1915a: 57, 59; Titus, Meikle, & Harrison 1985: 51; Wood, S. L. 1954a: 101.
- grandis* Chamberlin 1917: 323. Lectotype ♀: Corvallis, Oregon [USA]; CNCI, Ottawa, designated by Bright 1967c: 681. Synonymy: Wood 1954a: 1005.
- References: (cn) Doane et al. 1936. (hb) Chamberlin 1939: 315; Doane et al. 1936. (ds) Chamberlin 1917: 323, 1925, 1939: 315; Keen 1929a: 29; Kleine 1934a: 142. (tx) Bright 1967c: 681; Chamberlin 1917: 323, 1939: 315; Keen 1929a: 29; Wood, S. L. 1954a: 1005.
- amabilis* Chamberlin 1917: 321. Lectotype ♀: Elk Lake, Oregon [USA]; CNCI, Ottawa, designated by Bright 1967c: 681. Synonymy: Wood 1954a: 1005.
- References: (cn) Chamberlin 1924; Doane et al. 1936. (cc) Chamberlin 1915a; Schedl 1955d: 190. (hb) Chamberlin 1939: 312, 1955: 134; Doane et al. 1936; Wood, S. L. 1954a: 1005. (ds) Chamberlin 1917, 1915a: 13, 1925, 1939: 312, 1955: 134; Keen 1929a: 29; Kleine 1934a: 142; Patterson & Hatch 1945: 152. (tx) Bright 1967c: 681; Chamberlin 1917: 321–322, 1939: 312, 1955: 134; Keen 1929a: 29; de Ruelle 1970: 99; Wood, S. L. 1954a: 959, 1002, 1005, 1008, 1977d: 512.
- canadensis* Chamberlin 1915: 88. Holotype ♀: Roger's Pass, British Columbia [Canada]; CNCI, Ottawa. Synonymy: Wood 1954a: 1006.
- References: (cn) Swaine 1915a: 57–58. (hb) Chamberlin 1939: 314; Swaine 1915a: 57–58. (ds) Chamberlin 1939: 314; Hopping 1922; Keen 1929a: 29; Kleine 1934a: 142. (tx) Chamberlin 1915: 57–58, 1939: 314; Keen 1929a: 29; de Ruelle 1970: 99; Swaine 1915a: 57–58; Wood, S. L. 1954a: 1006.
- mainensis* Blackman 1922c: 126. Holotype ♀: Orono, Maine [USA]; USNM, Washington. Synonymy: Wood 1954a: 1006.
- References: (cn) Blackman 1950; Doane et al. 1936. (hb) Blackman 1950; Chamberlin 1939: 314; Doane et al. 1936. (ds) Anonymous 1926c: 518; Blackman 1922c: 126, 1950; Chamberlin 1925, 1939: 314; Leng & Mutchler 1927: 52; Leonard 1928: 518. (tx) Blackman 1922c: 126; Chamberlin 1939: 314; de Ruelle 1970: 100; Schedl 1979c: 145; Wood, S. L. 1954a: 960, 1005.
- ruficollis coloradensis* Wood 1954a: 1008. Holotype ♀: 7 miles N Grand Canyon National Park, Arizona [USA]; SMUK, Lawrence. Synonymy: Wood, S. L. 1977d: 512.
- Notes: (3) This is an indistinct geographical race that probably does not warrant subspecies recognition.
- References: (hb) Wood, S. L. 1954a: 1008. (tx) Wood, S. L. 1954a: 1008, 1977d: 512.
- rufopilosus* Schedl 1942a: 174. Lectotype, sex?: Celebes; Schedl Collection in NIMW, Wien.
- Distribution: Indonesia (Celebes).
- References: (tx) Schedl 1942a: 174, 1979c: 215.
- rugosus* (Schedl) 1955b: 102 (*Eriocryphalus*). Lectotype, sex?: Malaya, Selangor, Kepong; Schedl Collection in NIMW, Wien, designated by Schedl 1979c: 216–217.
- Distribution: Asia (Malaya).
- Hosts: *Shorea gysbertsiana*.
- References: (ds) Browne 1961c: 70. (tx) Schedl 1955b: 102, 1979c: 216–217.
- saltuarius* Weise 1891: 336. Syntypes², sex²: Caucasus; not located.
- Figures: Grune 1979: 106. Yin, Huang, & Li 1984: 103 (adult).
- Distribution: Asia (Sichuan in China/ E USSR), Europe (Austria/ Bulgaria/ Czechoslovakia/ Denmark/ Finland/ Germany/ Hungary/ Italy/ Poland/ Sweden/ W USSR/ Yugoslavia).
- Hosts: *Picea asperata*, *P. excelsa*, *P. obovata*, *P. orientalis*.
- References: (ay) Escherich 1923b: 481, 597; Nusslin 1911a: 51. (bv) Grune 1979: 107; Nuorteva 1956c: 17; Nuorteva & Nuorteva 1965. (cn) Chorbadzhievo 1929; Escherich 1923b: 481, 616; Esterberg 1959; Gabler 1955; Juntinen 1960: 24; Kailidis & Georgovits 1972; Koch 1913: 95; Kozikowsky 1929: 254; Kurenzov 1935c: 188; Marcu 1926c: 63; Nestertschnk 1930: 176; Nosek 1951: 106, 1952b: 98; Nuorteva & Nuorteva 1965; Nusslin 1913: 257; Pfeffer 1949b: 147, 150, 1950c: 2; Pierce, W. D. 1917: 69; Rhumbler 1927: 312; Saalas 1949: 342, 372; Schimitschek 1937c: 52, 1955c: 82; Schwerdtfeger 1944a: 180; Tragardh 1938a: 12; Wachtl 1901: 381; Wardle 1929: 322. (cc) Annala 1977; Borodin 1967b; Heqvist 1963: 153; Kangas 1946b: 22; Karpinski 1932a: 103; Kleine 1905c: 186, 1944: 74; Kraemer 1950b: 379; Kurenzov 1934a: 54; Lundberg 1984; Nosek 1951: 106, 1952b: 98; Nuorteva 1956a: 17, 1957b: 68, 1968a, 1970, 1971; Nuorteva & Nuorteva 1965; Nusslin 1927: 300; Palmén 1946: 194; Pfeffer 1923a: 331, 1932a: 16, 1949b: 147, 150, 1950c: 2, 1959: 5; Rhumbler 1922: 299; Rühm 1955c: 176, 1956b: 3; Saalas 1917a: 18, 1928: 652, 1949: 342, 372; Schwerdtfeger 1944a: 180; Wichmann 1959: 412. (hb) Annala 1977; Beffa 1949; Charvat 1950; Chorbadzhievo 1929; Escherich 1923b: 481, 616; Gabler 1955; Gornostaev 1916: 314; Karpinski & Strawinski 1948: 155; Knotek 1899b: 1, 1901: 565; Kraemer 1950b: 379; Kurenzov 1935a: 20, 32, 1948b: 110; Lengerken 1939: 63; Lindberg 1963: 243; Nuorteva 1956c: 17, 1968a, 1970; Nusslin 1898: 280, 1913: 257, 1927: 300; Pfeffer 1941c: 5; Postner 1974: 430; Rhumbler 1922: 299, 1927: 312; Saalas

- 1913a: 69, 82, 1949: 342, 372; Schwerdtfeger 1944a: 180, 1981: 192; Spessivtsev 1923: 207, 1928a: 221; Stark 1952: 267; Tragardh 1939b: 158, 199: Tschorbadjiev 1929: 166; Wachtl 1901: 381. **(ds)** Bakke & Kvamme 1977; Belfa 1949; Borchert 1951; Brakman 1966b; 206; Bucking 1932; Buresh & Lazarov 1956; Butovitsch & Heqvist 1947; Charvat 1950; Chorbadzhievo 1924d, 1929; Eggers 1904; Endrodi 1955b; Escherich 1923b: 481, 597, 1932b; Esterberg 1959; Florov 1949: 84; Fuchs 1905a; Gornostayev 1917; Grune 1979: 107; Hagedorn 1910a: 45; Hansen, V. 1939, 1956; Hellen 1947; Heliessen 1916: 84; Herger 1955c: 91; Heyden, Reitter, & Weise 1891: 671, 1906: 711; Holdhaus & Denbel 1910: 160; Horion 1951; Kailidis & Georgovits 1972; Karpinski 1932a: 103, 1948a: 173, 1948b: 230; Karpinski & Strawinski 1948: 155; Kiefer et al. 1942: 528; Klefbeck & Sjöberg 1960: 230–231; Kleime 1912a: 263, 1913a: 35, 1913b: 119, 1934a: 142; Knotek 1899b: 1, 1901: 565; Krivolitskaya 1983; Kurenzov 1934a: 54, 1935a: 20, 32, 1935c: 188; Langhoffer 1915c: 157; Lindberg & Saris 1952: 59; Lomnicki 1913b: 148; Lucht 1957: 278; Lundberg 1974: 92; Marcu 1926c: 63; Mmster 1928: 289; Numborg 1928b: 85, 105, 1954: 52; Nuorteva 1971: 67; Nusslin 1898: 280; Orest 1926c: 63; Palm 1946: 122; Palmén 1946: 194; Pfeffer 1924b: 471, 1931b: 75, 1947e: 5, 1950b: 75, 1989a: 82; Pierce, W. D. 1917: 69; Pittioni 1943: 176; Platonoff 1943: 141; Postner 1974: 430; Prossen 1913: 83; Rapp 1934: 727; Reitter 1894a: 70, 1916: 288; Roubal 1941: 263; Saalas 1913a: 69, 82, 1917a: 18, 1919: 1–415, 1931: 68; Schaufuss 1915: 1231; Schedl 1967c: 70, 1980a: 15, 1981b: 74; Schilsky 1909: 188; Schwerdtfeger 1981: 192; Stark 1926d: 103, 1926j: 126, 1931a: 25, 1931d: 546, 1936e: 144, 1952: 267; Strand 1946: 599; Tragardh 1938: 10–14, 1939b: 158, 199; Tredl 1907: 12; Tsai & Li 1963: 602; Tschorbadjiev 1929: 166; Wegelius 1960: 106; Wichmann 1927a: 67; Wood, S. L. 1982b: 74; Yanovskii & Tegshzhargal 1985: 415; Yin, Huang, & Li 1984: 103; Zinovjev 1955: 187. **(tx)** Beeson 1941 (1961: 287); Belfa 1949; Charvat 1950; Chorbadzhievo 1924d; Eggers 1914: 188; Endrodi 1957a: 307, 1957b; Escherich 1923b: 481, 597; Fleischer 1927; Fornanek 1907: 35; Gabler 1955; Grune 1979: 106–107; Hagedorn 1910a: 88; Hansen, V. 1956; Inoué & Nobuchi 1957a: 49; Kalina 1970: 125; Karpinski & Strawinski 1948: 155; Koch 1913: 95; Kurenzov 1941: 150–151, 1948b: 110; Lucht 1957: 278; Numborg 1954: 52; Nusslin 1911a: 51; Pfeffer 1932b: 17, 1941c: 5, 1947e: 5, 1955a: 178; Postner 1974: 430; Quaschik 1953: 35; Reitter 1894a: 70, 1913a: 67, 1916: 288; Rhumbler 1922: 299, 1927: 312; Saalas 1913a: 69, 82, 1916: 91–95, 110–116, 1949: 342, 372; Schedl 1934f: 1639, 1940d: 591, 1980a: 15, 1981b: 74; Schimitschek 1937c: 52, 1955c: 82; Sokanovskii 1929: 521–526; Spessivtsev 1922a: 472, 1923: 200–214, 1925a: 173, 1925b: 29, 1925d: 102–106, 1931: 49; Stark 1936e: 144, 1952: 267; Tsai & Li 1963: 605; Weise 1891: 336; Yin, Huang, & Li 1984: 103. **(ms)** Escherich 1932b; Kozikovskiy 1929: 254; Wichmann 1959: 412, 1961: 332.
- scriba* Gozis 1886: 31. Automatic.
- Notes: This was presented as a replacement name for *asperatus* Ratzeburg 1837: 163, a misidentification of *asperatus* Gyllenhal that never had standing in nomenclature.
- References: **(tx)** Gozis 1886: 31; Hagedorn 1910: 45; Saalas 1914: 304–306.
- samoensis** Beeson 1929: 224. Holotype ♂; Samoa. Upolu; Malololelei; BMNH, London.
- Distribution: Samoan Islands.
- Hosts: *Planchonella samoensis*.
- References: **(hb)** Beaver 1976b: 534; Beeson 1938b: 257. **(tx)** Beaver 1976b: 534; Beeson 1929: 224–226, 1935: 107, 1938b: 257; Schedl 1951k: 133.
- sarawakensis** Schedl 1972m: 199. Holotype, sex?; Borneo, Sarawak, Mt. Seurisoan, 3000 ft.; BMNH, London.
- Distribution: Indonesia (Sarawak in Borneo).
- References: **(tx)** Schedl 1972m: 199.
- sawadai** Nobuchi & Takahashi 1965: 3. Holotype ♂; Shirotoge, Gunma pref.; Nobuchi Collection, Ibaraki.
- Figures: Nobuchi 1967.
- Distribution: Asia (Honshu in Japan).
- Hosts: *Abies veitchii*.
- References: **(ds)** Nobuchi 1955c: 15. **(tx)** Nobuchi 1967; Nobuchi & Takahashi 1965: 3.
- scabricollis** Eichhoff 1878b: 491. Holotype, sex?; Hindostan Asiae; Hamburg Museum, lost.
- Distribution: Asia (Bangladesh/ Burma/ Hainan Island, Yunnan in China/ Andaman Islands, Assam, Bengal, Bihar, Madhya Pradesh, Maharashtra, Punjab, Tamil Nadu, Uttar Pradesh in India/ Sri Lanka/ Vietnam), Philippine Islands (Luzon).
- Hosts: *Azelia bijuga*, *Albizia stipulata*, *Bassia latifolia*, *Bombax malabaricum*, *Buchanania lanzan*, *Canarium euphyllum*, *Excoecaria agallocha*, *Ficus* spp., *Garuga pinnata*, *Mesua ferrea*, *Olinia wodier*.
- Notes: (3) Beeson 1941 (1961: 287) (*Ericryphalus ficus*, nomen nudum, synonymy), *Cryphalus flabellifer* Sampson, nomen nudum, is this species. Schedl Collection had male *mimicus* Schedl, nomen nudum, under this name.
- References: **(ds)** Bhasin, Roonwal, & Singh 1955; Hagedorn 1910d: 45; Kleime 1913b: 119, 1914b: 269, 1934a: 142; Schedl 1959a: 481. **(tx)** Eggers 1925: 152; Eichhoff 1878b: 491; Hagedorn 1910a: 88; Schedl 1958b: 100, 1959a: 481–482, 1962b: 186, 1975e: 446, 1979c: 220; Wood, S. L. 1989: 172, 1992b: 82.
- discretus** Eichhoff 1878b: 490. Holotype, sex?;

- Hindustan (Birma): Hamburg Museum, lost. Synonymy: Wood 1959: 172.
References: **(cn)** Roomwal 1954: 40. **(hb)** Beaver 1957a: 17; Beaver & Browne 1975: 584. **(ds)** Beaver 1957a: 17; Beaver & Browne 1975: 584; Beeson 1935: 107, 1961: 257; Browne 1961c: 69, 1984c: 449; Hagedorn 1910d: 41, 1913b: 115, 1914b: 275, 1934a: 142; Ohno, Yoshioka et al. 1958a: 91, 1959: 60; Roomwal 1954: 40. **(tx)** Eggers 1925: 152; Eichhoff 1875a: 355, 1875b: 490; Hagedorn 1910a: 56; Schedl 1955b: 99; Wood, S. L. 1959: 172.
- dilutus* Eichhoff 1875b: 490. Holotype, sex?; Hindostan (Birma): Dohrn Collection in Stettin Museum, now in Schedl Collection in NHMW, Wien, Synonymy: Wood 1959: 172.
References: **(ds)** Beaver & Browne 1975: 258; Browne 1950b: 350, 1954a: 150, 1955a: 191; Hagedorn 1910d: 41; Kleine 1913b: 115, 1914b: 275; Ohno, Yoshioka, et al. 1958a: 91, 1959: 60; Schedl 1960h: 104. **(tx)** Eggers 1925: 152; Eichhoff 1875a: 354, 1875b: 490; Hagedorn 1910a: 56; Nobuchi 1953: 300; Schedl 1960h: 104, 1979c: 51; Wood, S. L. 1959: 172.
- brevisetosus* Schedl 1943b: 36. Lectotype ♀; Bagnio, Luzon, Philippines: Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 47. Synonymy: Wood 1992b: 52.
References: **(ds)** Schedl 1959a: 451, 1966b: 19. **(tx)** Nobuchi 1953: 300; Schedl 1942a: 174, 1943b: 36, 1952b: 367, 1955b: 258, 1959a: 451, 1979c: 47; Wood, S. L. 1992b: 52.
- scabripennis* Schedl 1972m: 199. Holotype, sex?; Borneo, Sarawak, Mt. Poi, 4350 ft.; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
References: **(tx)** Schedl 1972m: 199, 1979c: 220.
- scopiger* Berger 1917: 225. Lectotype ♂; S. Ussuri Terr., near Vladivostok; IZL, Leningrad, designated by Michalski 1969a: 892.
Figures: Yin, Huang, & Li 1984: 105 (adult).
Distribution: Asia (Heilongjiang in China/ Japan/ Korea/ Sakhalin Island, Siberia in E USSR).
Hosts: *Padus asiatica*, *P. pubescens*, *Prunus padus*.
References: **(cn)** Kurenzov 1935c: 159. **(tc)** Kurenzov 1934a: 50, 1951e: 66. **(hb)** Kurenzov 1935a: 19, 31, 1951e: 66; Stark 1952: 258. **(ds)** Krivolutskaya 1953; Krivolutskaya & Kupyanskaya 1970; Kurenzov 1934a: 50, 1935a: 19, 31, 1935c: 159, 1936a: 110, 1936b: 350, 1938a: 59; Nobuchi 1955c: 15; Stark 1936e: 143, 1952: 258. **(tx)** Berger 1916: 225; Eggers 1942c: 29–30; Kurenzov 1941a: 151–152, 157; Michalski 1969a: 892, 1969b: 567; Nobuchi 1964: 133, 1966e: 54; Schedl 1934f: 1639, 1962p: 203, 1979c: 222; Sokanovskii 1954: 16; Stark 1952: 258.
- padi* Krivolutskaya 1958: 144. Holotype, sex?; Sakhalin Island: Sakhalin region, Suani River valley; not located. Synonymy: Schedl 1962p: 203.
References: **(hb)** Krivolutskaya 1973: 135. **(ds)** Krivolutskaya 1965a: 234, 1973: 135; Tsai & Li 1963: 602; Yin, Huang, & Li 1984: 105. **(tx)** Krivolutskaya 1958: 144; Schedl 1962p: 203, 1979c: 152; Tsai & Li 1963: 605, 623; Yin, Huang, & Li 1984: 105.
- securus* (Schedl) 1940b: 436 (*Ericryphalus*). Holotype, sex?; Dutch New Guinea, Cyclops Mts., Sabron, Camp 1, 1200 ft.; BMNH, London.
Distribution: New Guinea.
References: **(tx)** Schedl 1940b: 435–437, 1962r: 106, 1979c: 223.
- sejugatus* Schedl 1965: 54. Holotype, sex?; Madagascar, Montagne d'Ambre, 1000 m; Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
References: **(tx)** Schedl 1965c: 54, 1977a: 41, 1979c: 223.
- sichotensis* Kurenzov 1941a: 152. Syntypes, sex?; Kolumbe River (middle Sikhote-Alin), Soviet Far East; ISBX, Novosibirsk, USSR.
Distribution: Asia (Hokkaido in Japan/ Sakhalin Island, E USSR).
Hosts: *Picea jezoensis*.
Notes: (3) Sokanovskii 1954: 16 (a possible synonym of *fulvus* Niisima).
References: **(hb)** Stark 1952: 266. **(ds)** Arnoldi et al. 1955: 691; Krivolutskaya 1953; Kurenzov 1967; Stark 1952: 266. **(tx)** Kurenzov 1941a: 152–153; Sokanovskii 1954: 16; Stark 1952: 266.
- sidneyanus* (Nordlinger) 1856: 75 (*Bostrichus*). Holotype ♂; Australischen Holz; NHMW, Wien.
Distribution: Australia.
Notes: (3) Also cited under the generic name *Pseudocryphalus*.
References: **(ds)** Gemminger & Harold 1872: 2683; Hagedorn 1910d: 45; Kleine 1913b: 119, 1914b: 298. **(tx)** Eggers 1931c: 185; Eichhoff 1875b: 136; Ferrari 1867a: 17, 75, 1868: 252; Hagedorn 1910a: 58; Nordlinger 1856: 75.
- silvanus* Schedl 1951k: 145. Lectotype ♂; Samoa, Upolu, Apia, Falefa Falls, Tapatapao 500 ft., Afiamalu 2200 ft., Tutuila, Utulei 500 ft., Fagatogo 700 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 229.
Distribution: Samoan Islands.
References: **(tx)** Beaver 1976b: 534; Schedl 1951k: 133, 145, 1955h: 498–499, 1979c: 229.
- similis* (Eggers) 1922b: 168 (*Stephanoderes*). Syntypes 6, sex?; S.O. Usagara und Nyerengere (Deutsch-Ostafrika); Mettner Collection and 2 Eggers syntypes in NHMW, Wien.
Distribution: Africa (Tanzania).
Notes: (1) Schedl 1939i: 353 (to *Cryphalus*).
References: **(tx)** Eggers 1922b: 168; Schedl 1939i: 353, 1961k: 457, 1979c: 230.

- simplex** (Schedl) 1939e: 341 (*Eriocryphalus*). Syntypes 2, sex?; Malaya, Selangor: Kepong; BMNH, London, and Schedl Collection in NHMW, Wien. Distribution: Asia (Malaya). Hosts: *Arthrophyllum diversifolia*. References: (ds) Beeson 1961: 287; Browne 1961c: 68. (tx) Schedl 1939e: 341.
- sinoabietis** Tsai & Li 1963: 602, 604, 607, 622. Holotype ♂; Ssu Chuan, China; IZAS, Beijing. Figures: Tsai & Li 1963: 607, Yin, Huang, & Li 1984: 101 (adult). Distribution: Asia (Sichuan in China). Hosts: *Abies faxoniana*. References: (ds) Yin, Huang, & Li 1984: 100. (tx) Tsai & Li 1963: 602, 604, 607, 622; Yin, Huang, & Li 1984: 100.
- sinoabietis opienensis** Tsai & Li 1963: 602, 604, 607, 622. Holotype ♂; Ssu Chuan, China; IZAS, Beijing. References: (ds) Yin, Huang, & Li 1984: 101. (tx) Tsai & Li 1963: 602, 604, 607, 622; Yin, Huang, & Li 1984: 101.
- sordidus** (Nobuchi) 1975: 51 (*Tacnioglyptes*). Holotype ♀; Mt. Hayachime, Iwate, Japan; Nobuchi Collection, Ibaraki. Figures: Nobuchi 1975: pl. 2, fig. 13. Distribution: Asia (Japan). References: (ds) Nobuchi 1985c: 15. (tx) Nobuchi 1975: 51–52.
- sparsipilosus** Schedl 1942c: 172. Holotype, sex?; Australien; Schedl Collection in NHMW, Wien. Distribution: Australia. References: (tx) Schedl 1942a: 175, 1942c: 172, 1979c: 233.
- squameus** Schedl 1943b: 35. Holotype, sex?; Borneo; Schedl Collection in NHMW, Wien. Distribution: Indonesia (Borneo). References: (tx) Schedl 1943b: 35, 1979c: 235.
- squamulosus** Strohmeyer 1911b: 20. Holotype, sex?; Mindoro, Calapan, Philippine Islands; Entomological Collection, Bureau of Science, Manila, P.I., and IPKE, Eberswalde. Distribution: Philippine Islands (Mindoro). References: (ds) Kleine 1913b: 119, 1914b: 290; Schedl 1966b: 22. (tx) Nobuchi 1983: 300; Strohmeyer 1911b: 20–21.
- striatulus** Browne 1981a: 127. Holotype, sex?; Buluma (New Britain) to Omazaki (Japan), imported; BMNH, London. Distribution: New Britain Island. References: (ds) Ohno, Yoneyama, & Nakazawa 1987: 93; Ohno, Yoshioka, et al. 1988a: 91, 1989: 60. (tx) Browne 1981a: 127.
- striatus** Browne 1974a: 66. Holotype, sex?; Fiji: Vanua Levu, Dreketi; BMNH, London. Distribution: Fiji Islands. Hosts: *Storckiella* sp. References: (ds) Browne 1974a: 64; Roberts 1976: 379. (tx) Browne 1974a: 66.
- strigilatus** Wichmann 1914c: 137. Holotype, sex?; Tana, Ostafrika; NHMW, Wien. Distribution: Africa (Ethiopia/ Kenya). References: (tx) Schedl 1966j: 467; Wichmann 1914c: 137.
- strigipennis** Schedl 1950f: 50. Lectotype, sex?; Viti Levu; Tholo-i-Suva, 500–1000 ft., Navai Mill, near Nandarivatu, 2500 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 235. Distribution: Fiji Islands. References: (ds) Browne 1974a: 64. (tx) Schedl 1950f: 50, 1979c: 235.
- strohmeyeri** Stebbing 1914: 535. Syntypes 2, sex?; Jamsar, NW Himalaya, Chakrata, Uttar Pradesh, India; FRI, Dehra Dun, automatic. Distribution: Asia (Sichuan, Nizang [Tibet], Yunnan in China/ Bengal, Kashmir, Uttar Pradesh in India). Hosts: *Abies doussa*, *A. pindrow*, *A. webbiana*, *Pinus excelsa*. References: (cn) Pierce, W. D. 1917: 79; Roomwal 1954: 12; Stebbing 1914: 535. (cc) Stebbing 1914: 535. (hb) Stebbing 1914: 535. (ds) Beeson 1961: 286; Kleine 1934a: 142; Pierce, W. D. 1917: 79; Roomwal 1954: 12; Yin & Huang 1981: 561. (tx) Schedl 1939i: 350; Stebbing 1914: 535; Yin & Huang 1981: 561.
- indicus** Stebbing 1902: 403. Syntypes 2, sex?; Jamsar, NW Himalaya, Chakrata, Uttar Pradesh, India; FRI, Dehra Dun, preoccupied by Eichhoff 1875. References: (ds) Hagedorn 1910d: 43; Kleine 1913b: 118, 1934a: 142. (tx) Hagedorn 1910a: 57; Stebbing 1902: 403, 1914: 535.
- subcompactus** Lea 1910: 140. Syntypes, sex?; N.S. Wales; Galston, Sydney, Australia; SAM, Adelaide? Distribution: Australia (New South Wales, Queensland). Hosts: *Grevillea robusta*. References: (ds) Brimblecombe 1953: 17; Schedl 1972a: 144. (tx) Lea 1910: 140; Schedl 1935f: 47, 1945g: 25, 1979c: 240.
- subgranulatus** Schedl 1943b: 37. Holotype, sex?; S. Theodoro, Ins. Mindoro, Philippines; Schedl Collection in NHMW, Wien. Distribution: Philippine Islands (Mindoro). References: (ds) Schedl 1966b: 22. (tx) Nobuchi 1983: 300; Schedl 1943b: 37, 1979c: 241.
- submuricatus** Eichhoff 1878b: 492. Syntypes, sex?; Asiae India orientalis; Hamburg Museum, lost. Distribution: Asia (Burma/ Andaman Islands in India). References: (ds) Beeson 1929: 255–226; Hagedorn 1910d: 45; Kleine 1913b: 119, 1914b: 269. (tx) Eggers 1925: 152; Eichhoff 1878a: 355, 1878b: 492; Hagedorn 1910a: 55.

- substriatus** Schedl 1942a: 174. Lectotype, sex?; Malaya, Selangor, Sg. Buloh F. R.; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 244.
Distribution: Asia (Yunnan in China/Malaya).
Hosts: *Gluta elegans*, *Shorea sideroxyylon*, *Sloetia elongata*.
References: (hb) Beaver & Browne 1975: 555; Browne 1961c: 70. (ds) Beaver & Browne 1975: 555; Browne 1961c: 70, 1954a: 151; Schedl 1959a: 452. (tx) Schedl 1942a: 174, 1953c: 255, 1959a: 452, 1979c: 244.
- subtuberculatus** Schedl 1942c: 165. Holotype, sex?; N.O. Papua, Mt. Lamington; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1942c: 165, 1979c: 245.
- subvestitus** Schedl 1959a: 452. Syntypes ♀; Ceylon: Millawitiya Estate; Schedl Collection in NHMW, Wien.
Distribution: Asia (Sri Lanka).
References: (ds) Schedl 1959a: 452. (tx) Schedl 1959a: 452, 1979c: 245.
- sundaensis** Schedl 1942d: 14. Lectotype, sex?; Java, Buitenzorg; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 247.
Distribution: Asia (Borneo/Thailand), Indonesia (Java).
References: (hb) Kalshoven 1955b: 165. (ds) Beaver & Browne 1975: 259; Schedl 1969c: 50. (tx) Schedl 1942d: 14, 1943b: 36, 1979c: 247.
- sylvicola** (Perkins) 1900: 151 (*Hypothenemus*). Syntypes, sex?; Lanai and Kauai, Hawaiian Islands; BMNH, London.
Distribution: Cook Islands, Fiji Islands, Hawaiian Islands, Micronesia (Caroline Islands, Guam, Mariana Islands), Nine Island, Philippine Islands, Samoan Islands.
Hosts: *Acacia* sp., *Artocarpus* sp., *Ficus* spp., *Ilex* sp., *Pinus insularis*, *Piper guabamense*.
References: (hb) Beaver 1976b: 534. (ds) Beaver 1976b: 534; Beeson 1935b: 259; Browne 1970: 540, 1974a: 64; Hagedorn 1910d: 45; Kleine 1913b: 124; Krauss 1943: 55; Schedl 1972b: 267; Swezey 1949: 446, 1954: 116; Wood, S. L. 1960a: 23. (tx) Browne 1970: 520; Hagedorn 1910a: 55; Perkins 1900: 151; Schedl 1934g: 177, 179, 1939c: 327, 1941f: 111, 1950f: 45, 1963i: 62; Swezey 1949: 446; Wood, S. L. 1960a: 23, 1959: 172.
- henshawi** Hopkins 1915b: 38 (*Ericryphalus*). Holotype ♀; Hilo, Hawaii; USNM, Washington. Synonymy: Schedl 1941f: 111.
References: (ds) Beeson 1935: 255, 1939: 446; Ford 1960: 333; Swezey 1949: 446. (tx) Hopkins 1915b: 38; Schedl 1941f: 111, 1963i: 62; Swezey 1949: 446.
- pini** Hopkins 1915b: 39 (*Pipercius*). Holotype ♀; Baguio, Philippine Islands; USNM, Washington. Synonymy: Schedl 1963i: 62.
References: (ds) Kleine 1934a: 145. (tx) Eggers 1923b; Hopkins 1915b: 39; Schedl 1963i: 62.
- swezeyi** Schedl 1942b: 147. Lectotype ♀; Guam: Dededo, Yigo, Ritidian, Mt. Alifan, Piti; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 248. Synonymy: Wood 1959: 172. References: (ds) Swezey 1949: 446, 445. (tx) Schedl 1942b: 147–145, 1943b: 34, 1979c: 245; Wood 1960a: 23–25, 1959: 172.
- dimorphus** Schedl 1950f: 35. Lectotype ♀; Fiji, Vanna Mbalavu; Loma Loma, 200–500 ft., Myana, 200 ft., 700 ft., Ovalau near Vunna, 200 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 81. Synonymy: Beaver 1991: 89.
References: (ds) Browne 1974a: 64. (tx) Beaver 1991: 89; Schedl 1950f: 35, 49, 1979c: 81.
- sylvicola obliquus** Schedl 1950f: 45. Lectotype ♀; Fiji: Vanna Mbalavu, Loma Loma; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 248. Synonymy: Wood 1960a: 23, 1959: 172.
References: (tx) Schedl 1950f: 45, 1951k: 133, 1979c: 245; Wood, S. L. 1960a: 23, 1959: 172.
- szechuanensis** Tsai & Li 1963: 605, 614, 624. Holotype ♂; Te Chuang, Ssu Chuan, China; IZAS, Beijing.
Figures: Tsai & Li 1963: 615, Yin, Huang, & Li 1984: 111 (adult).
Distribution: Asia (Sichuan in China).
Hosts: *Pinus yunnanensis*.
References: (ds) Yin, Huang, & Li 1984: 111. (tx) Tsai & Li 1963: 605, 614–615, 624; Yin, Huang, & Li 1984: 111.
- szechuanensis telchangensis** Tsai & Li 1963: 606, 615, 624. Holotype ♂; Te Chuang, Ssu Chuan, China; IZAS, Beijing.
References: (tx) Tsai & Li 1963: 606, 615, 624.
- tabulaeformis** Tsai & Li 1963: 605, 609, 623. Holotype ♂; Chin Huang Tao, Ho Pei, China; IZAS, Beijing.
Figures: Tsai & Li 1963: 609, Yin, Huang, & Li 1984: 106 (adult).
Distribution: Asia (Hebei in China, subspecies in Shanxi).
Hosts: *Pinus tabulaeformis*.
References: (ds) Yin, Huang, & Li 1984: 105. (tx) Tsai & Li 1963: 605, 609, 623; Yin, Huang, & Li 1984: 105.
- tabulaeformis chienzhuangensis** Tsai & Li 1963: 605, 610, 623. Holotype, sex?; China; IZAS, Beijing.
References: (ds) Yin, Huang, & Li 1984: 106. (tx) Tsai & Li 1963: 605, 610, 623; Yin, Huang, & Li 1984: 106.
- taicamus** Schedl 1970b: 359. Holotype, sex?; Formosa, Kaoshiung to Nagoya (Japan), imported; PPST, Tokyo.

- Distribution: Asia (Taiwan).
Hosts: *Tsuga* sp.
References: (tx) Schedl 1970b: 359, 1979c: 249.
- tenuis** Schedl 1942d: 16. Lectotype ♀: Java, Mount Gede, 800 m; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 251.
Distribution: Asia (Malaya), Indonesia (Java).
Hosts: *Artocarpus elasticus*, *A. rigidus*, *A. scortechini*, *Campnosperma auriculata*, *Schefflera aromatica*.
References: (ce) Beaver 1979b: 298. (hb) Beaver 1979b: 298; Beaver & Browne 1978: 585; Browne 1961c: 68. (ds) Beaver & Browne 1978: 585. (tx) Kalshoven 1958: 164; Schedl 1942c: 172, 1942d: 16, 1943b: 36, 1958b: 100, 1979c: 251.
- terminaliae** Browne 1980b: 354. Holotype, sex?; Pulau Adi (New Guinea) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: *Terminalia* sp.
References: (ds) Browne 1984b: 257; Ohno, Yoshioka, et al. 1985a: 91, 1989: 60. (tx) Browne 1980b: 354.
- tetricus** (Schedl) 1940b: 437 (*Erieryphalus*). Holotype, sex?; Dutch New Guinea, Cyclops Mts., Sabron, Camp 1, 1200 ft.; BMNH, London.
Distribution: New Guinea.
References: (ds) Schedl 1971a: 275. (tx) Schedl 1940b: 437–438, 1953b: 124–125, 1958b: 102, 1979c: 252.
- papuanus** Schedl 1942c: 170. Holotype ♂; N.O. Papua, Mt. Lamington; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1979g: 95.
References: (tx) Schedl 1942c: 170, 1969b: 214, 1972q: 256, 1979c: 183, 1979g: 95.
- grayi** Schedl 1968e: 265. Holotype, sex?; New Guinea, Rifle Range, L.A. Bulolo, Inakanda L.A. Bulolo; CSIRO, Canberra. Synonymy: Schedl 1979g: 95.
References: (tx) Schedl 1968e: 265, 1979c: 112.
- brevis** Browne 1970: 556 (*Ptilopodius*). Holotype, sex?; New Guinea: Dorey; BMNH, London. Synonymy: Schedl 1979q: 256.
References: (tx) Browne 1970: 556–557; Schedl 1972q: 256.
- theobromae** Nunberg 1956d: 208. Syntypes, sex?; West Africa, S. Ashanti; not located, automatic.
Distribution: Africa (Ghana).
Hosts: *Theobroma cacao*.
References: (tx) Nunberg 1956d: 208.
- horridus** Graham 1908: 113. Syntypes, sex?; West Africa, S. Ashanti; not located, preoccupied by Eichhoff 1878.
References: (tx) Graham 1908: 113; Hagedorn 1910a: 86; Nunberg 1956d: 208; Schedl 1960i: 104, 1961k: 462.
- trypanoides** Beeson 1935: 106. Holotype ♂?; Marquesas Islands: Uapou, Hakahetai Valley, 2600 feet; BMNH, London.
Distribution: Hawaiian Islands, Marquesas Islands.
Hosts: *Artocarpus altilis*.
References: (ds) Beeson 1935b: 258, 1939: 106; Gemminger & Harold 1872: 2692; Van Zwaluwenburg 1956: 9. (tx) Beeson 1935: 106–107.
- trypanus** Sampson 1914: 383. Holotype ♂; Seychelles, Silhouette, from near Mont Pot-a-cau, Mahe, 1500 feet; BMNH, London.
Distribution: Africa (Seychelles Islands) Asia (Yunnan in China).
References: (hb) Beaver 1987a: 17. (ds) Beaver 1987a: 17; Sampson 1914: 382; Schedl 1969d: 11. (tx) Beeson 1935: 107; Sampson 1914: 382–383.
- tuberculatus** Schedl 1943b: 37. Holotype, sex?; Tenasserim; Schedl Collection in NHMW, Wien.
Distribution: Asia (Burma).
References: (tx) Schedl 1943b: 37, 1979c: 257.
- uapouensis** (Beeson) 1935a: 107 (*Erieryphalus*). Syntypes 3 ♀; Marquesas Islands: Uapou, Hakahetai Valley, 1000 feet; BMNH, London.
Distribution: Marquesas Islands.
References: (ds) Beeson 1935b. (tx) Beeson 1935a: 107, 1935b: 258; Schedl 1942c: 173.
- upoluensis** Schedl 1951k: 144. Lectotype ♂; Samoa, Tutuila, Fagasa Trail 800 ft., Matafao Trail 1300 ft., Upolu, Tapatapao; Lamitoo Trail 1200 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 261.
Distribution: Samoan Islands.
References: (tx) Beaver 1976b: 534; Schedl 1951k: 133, 144, 1979c: 261.
- rariolosus** Schedl 1950f: 49. Syntypes 2, sex?; Viti Levu: Navai Mill, near Nandarivatu 2500 ft., Ovalau: near Vunia 700 ft.; BPBM, Honolulu, and Schedl Collection (2 syntypes) in NHMW, Wien.
Distribution: Fiji Islands.
References: (ce) Roberts 1976: 379. (hb) Roberts 1976: 379. (ds) Browne 1974a: 64; Roberts 1976: 379. (tx) Schedl 1950f: 49, 1951i: 57, 1979c: 264.
- restitus** Blandford 1895a: 318. Holotype, sex?; Ceylon, Bogawantalawa; BMNH, London.
Distribution: Asia (Sri Lanka).
Hosts: *Callophyllum cuneifolium*, *Camellia sinensis*.
References: (ds) Bhasin, Roonwal, & Singh 1958; Hagedorn 1910d: 46; Kleime 1913b: 119, 1914b: 273; Schedl 1959a: 482. (tx) Blandford 1895a: 318; Hagedorn 1910a: 88; Schedl 1959a: 482.
- viburni** Stark 1936: 143. Lectotype, sex?; Far East, Vladivostok, Schkotov; IZL, Leningrad, designated by Michalski 1969a: 892.
Distribution: Asia (Shanxi in China/ E USSR).
Hosts: *Viburnum dilatatum*.
References: (hb) Stark 1952: 259. (ds) Kurenzov 1941: 153–154; Stark 1952: 259; Yin, Huang, & Li 1984: 104. (tx) Pfeffer 1944a: 131; Michalski 1969a: 892; Schedl 1952k: 158; Stark 1936: 143, 151, 1951: 229, 1952: 259; Tsai & Li 1963: 605–

- 606; Yin, Huang, & Li 1984: 104. (**ms**) Pfeffer 1944a: 131.
- viburni* Eggers 1942c: 30. Holotype, sex?: Ussuri; Eggers Collection (2 Eggers cotypes in NHMW, Wien, may include this holotype). Synonymy: Pfeffer 1942: 30.
Notes: (1) Michalski 1969a: S92 (designated a lectotype although Eggers' holotype designation appears valid).
References: (**cn**) Kurenzov 1935c: 189. (**cc**) Kurenzov 1934a: 57. (**hb**) Kurenzov 1935a: 19, 31, 1945b: 126. (**ds**) Krivolitskaya 1953; Kurenzov 1934a: 57, 1935a: 19, 31, 1935c: 189, 1936a: 110, 1936b: 350, 1935a: 59; Stark 1936e: 143, 151; Tsai & Li 1963: 602. (**tx**) Eggers 1942c: 30; Kurenzov 1941a: 153, 1945b: 126; Michalski 1969a: S92, 1969b: 567; Pfeffer 1942: 30, 1944: 131; Schedl 1952k: 155, 1979c: 267; Stark 1951: 155.
- vitiensis* Browne 1974a: 67. Holotype, sex?: Fiji; Viti Levu, Nausori Highlands; BMNH, London.
Distribution: Fiji Islands.
Hosts: *Dysoxylum* sp.
References: (**cc**) Roberts 1976: 350. (**hb**) Roberts 1976: 350. (**ds**) Browne 1974a: 64; Roberts 1976: 350. (**tx**) Browne 1974a: 67.
- walkeri* (Blandford) 1896b: 200 (*Cryptarthrum*). Syntypes 2, sex?: Damma I.; BMNH, London.
Distribution: Asia (Malaya/ Vietnam), Australia (Victoria), Indonesia (Damma, Java, Sumatra), Philippine Islands (Larzon, Mindanao, Mindoro).
Hosts: *Urostigma* sp.
References: (**cn**) Kleine 1932a: 302. (**hb**) Kleine 1932a: 302. (**ds**) Beaver & Browne 1975: 555; Browne 1966: 244, 1965a: 133; Hagedorn 1910d: 46; Kleine 1913b: 125, 1914b: 250, 1932a: 302, 1934a: 145; Schedl 1971f: 146. (**tx**) Blandford 1896b: 200; Browne 1965a: 132; Hagedorn 1910a: 83, 1912a: 340; Hopkins 1914: 119; Lucas 1920: 210; Nobuchi 1953: 300; Schedl 1963i: 62. (**ms**) Lucas 1920: 210.
- hagedorni* Eggers 1905c: 216 (*Coccotrypes*). Lectotype ♀; Java; USNM, Washington, designated by Anderson & Anderson. Synonymy: Schedl 1963i: 62.
Notes: (1) Eggers 1927b: 393 (to *Cryphalus*).
References: (**cn**) Kalshoven 1932: 252. (**hb**) Kalshoven 1955b: 165. (**ds**) Hagedorn 1910d: 68; Kalshoven 1932: 252, 1955b: 165; Kleine 1914b: 288, 1934a: 142; Schedl 1935g: 424, 1966b: 20. (**tx**) Anderson, W. H., & Anderson 1971: 14; Eggers 1905c: 216, 1927b: 393–394; Hagedorn 1910a: 94; Nobuchi 1953: 300; Schedl 1935g: 424, 1942a: 175, 1942d: 2, 13, 1950f: 48, 1951i: 50, 1955i: 214, 1955k: 153, 1963i: 61–62.
- javanus* Schedl 1954a: 148. Lectotype, sex?: Java; Buitenzorg, 250 m, Semarang, 40 m; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 129. Synonymy: Schedl 1955k: 153.
References: (**tx**) Schedl 1954a: 139, 145–149, 1955k: 153, 1979c: 129.
- wapleri* Eichhoff 1872a: 131. Holotype, sex?: Australia; IRSNB, Brussels.
Distribution: Australia (Queensland), New Guinea.
Hosts: *Dysoxylum* sp., *Ficus carica*, *F.* sp., *Malasia scandens*.
References: (**cc**) Wichmann 1955a: 96. (**ds**) Brimblecombe 1953: 17; Browne 1950b: 351, 1955b: 291; Gemminger & Harold 1872: 2683; Hagedorn 1910d: 46; Kleine 1913b: 119, 1914b: 295, 1934a: 142; Kuschel 1972: Ohmo, Yoneyama, & Narazawa 1957b: 93; Ohmo, Yoshioka, et al. 1955a: 92, 1959: 60; Wichmann 1955a: 96. (**tx**) Eichhoff 1872a: 131, 1875b: 129; Hagedorn 1910a: 85.
- mckeoi* Schedl 1972h: 61. Holotype, sex?: Laviana Village, M. Bay Dist.; CSIRO, Canberra. Synonymy: Schedl 1979j: 126.
References: (**tx**) Schedl 1972h: 61, 1979c: 151, 1979j: 126.
- yamaguchii* Inouye & Nobuchi 1957a: 55. Holotype, sex?: Somiyo, Daisetsu-zen National Park, Hokkaido, Japan; Nobuchi Collection, Ibaraki.
Distribution: Asia (Hokkaido in Japan).
Hosts: *Abies sachalinensis*.
References: (**ds**) Nobuchi 1955c: 15. (**tx**) Inouye & Nobuchi 1957a: 48, 55.
- zimmermani* Schedl 1950f: 51. Syntypes ♀; Viti Levu; Navai Mill, near Nandarivatu, 2500 ft.; BPBM, Honolulu, and Schedl Collection in NHMW, Wien.
Distribution: Fiji Islands.
References: (**ds**) Browne 1974a: 64. (**tx**) Schedl 1950f: 51, 1979c: 271.

Genus *Margadillius* Hopkins

MARGADILLIUS HOPKINS 1915b: 8, 37. Type-species: *Margadillius margadillaonis* Hopkins, original designation.

Keys: Hopkins 1915b: 37.

Notes: (1) The status of this genus is doubtful; it may not be separable from *Cryphalus*.

References: (**ay**) Nobuchi 1969a: 56. (**hb**) Wood, S. L. 1956a: 91. (**ds**) Browne 1961c: 70–71; Schedl 1961k: 447, 1966b: 17. (**tx**) Hopkins 1915b: 8, 37; Nürnberg 1956: 141; Schedl 1961k: 447; Wood, S. L. 1956a: 91.

carinatus Browne 1950b: 382. Holotype, sex?: Buluma (New Britain) to Nagoya (Japan), imported; BMNH, London.

Distribution: New Britain Island.

References: (**tx**) Browne 1950b: 382.

concentralis Schedl 1975f: 344. Holotype, sex?: Papua, upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.

- Distribution: New Guinea.
References: (tx) Schedl 1975f: 344, 1979c: 61.
- confusus** Hopkins 1915b: 38. Holotype ♀; Pagbilao, P.I.; USNM, Washington.
Distribution: Philippine Islands (Luzon).
Hosts: Tiuenu tree.
References: (ds) Kleine 1934a: 148; Schedl 1966b: 17. (tx) Hopkins 1915b: 36–38; Nobuchi 1983: 300.
- erythrinae** Hopkins 1915b: 38. Holotype ♀; Calapan, P.I.; USNM, Washington.
Distribution: Philippine Islands.
References: (ds) Kleine 1934a: 148; Schedl 1966b: 17. (tx) Hopkins 1915b: 36, 37; Nobuchi 1983: 300.
- fulvus** Browne 1984b: 289. Holotype, sex?; Fakfak (West Irian) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: *Terminalia* sp.
References: (tx) Browne 1984b: 289.
- loranthus** Schedl 1942d: 8. Lectotype, sex?; Java, Britenzorg; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 142.
Distribution: Indonesia (Java).
Hosts: Loranthaceae seeds.
References: (hb) Kalshoven 1958b: 166. (ds) Browne 1986b: 334; Olmo, Yoshioka, et al. 1988b: 91. (tx) Schedl 1942d: 8, 1979c: 142.
- magnus** Browne 1984d: 88. Holotype, sex?; New Guinea; Mount Giluwe; BMNH, London.
Distribution: New Guinea.
Hosts: *Quintonia* sp.
References: (tx) Browne 1984d: 88.
- margadilaonis** Hopkins 1915b: 38. Holotype ♀; Pagbilao, P.I.; USNM, Washington.
Distribution: Philippine Islands (Luzon).
Hosts: Margadelaog log.
References: (ds) Kleine 1934a: 148; Schedl 1966b: 18. (tx) Hopkins 1915b: 36–38; Nobuchi 1983: 300.
- minor** Schedl 1942a: 176. Lectotype, sex?; Malaya, Selangor, Kepong; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 155.
Distribution: Asia (Malaya), Indonesia (Java).
Hosts: *Hibiscus macrophyllus*.
References: (hb) Browne 1961c: 71. (tx) Schedl 1942a: 176, 1979c: 155.
- minutus** Hopkins 1915b: 37. Holotype ♀; Pagbilao, P.I.; USNM, Washington.
Distribution: Philippine Islands.
Hosts: Tiuenu tree.
References: (ds) Kleine 1934a: 148; Schedl 1966b: 18. (tx) Hopkins 1915b: 36–37; Nobuchi 1983: 300.
- parvulus** Eggers 1943e: 75. Holotype, sex?; Zambeze (Nova Choupanga pres Chemba); Eggers Collection, in NHMW, Wien.
References: Schedl 1961k: 447.
Distribution: Africa (Mozambique/South Africa).
Hosts: *Hibiscus* sp.
References: (ds) Schedl 1961k: 447. (tx) Eggers 1943e: 75; Schedl 1961k: 447.
- quadrilobatus** Schedl 1963i: 64. Holotype, sex?; Java, Batoerraden; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Java).
References: (tx) Schedl 1963i: 64–65, 1979c: 186.
- terminaliae** Browne 1984c: 450. Holotype, sex?; Viru Harbour (Solomon Islands) to Nagoya (Japan), imported; BMNH, London.
Distribution: Solomon Islands.
Hosts: *Terminalia* sp.
References: (ds) Browne 1985a: 191; Olmo, Yoneyama, & Nakazawa 1987b: 93; Olmo, Yoshioka, et al. 1988a: 91. (tx) Browne 1984c: 450.

Genus *Ptilopodius* Hopkins

PTILOPODIUS HOPKINS 1915b: 7, 11. Type-species: *Ptilopodius stephenguiss* Hopkins, original designation.

Keys: Wood 1960a: 18 for Micronesia.

References: (hb) Wood, S. L. 1986a: 91. (ds) Beeson 1935: 101, 1938: 290; Brimblecombe 1953: 23; Browne 1961c: 79; Schedl 1961k: 454, 1966b: 18; Wood, S. L. 1986a: 91. (tx) Hopkins 1915b: 7, 11–12; Schedl 1953c: 294, 1961k: 454, 1962r: 93; Wood, S. L. 1960a: 18, 1986a: 91.

aitutakii Beaver & Maddison 1990: 1367. Holotype ♀; Cook Islands; Aitutaki Island, Angari islet; Auckland Museum.

Distribution: Cook Islands.

References: (tx) Beaver & Maddison 1990: 1367.

bambusae Browne 1984f: 69. Holotype, sex?; New Guinea; Morobe District, Wau, 1200 m; BMNH, London.

Distribution: New Guinea.

Hosts: Bamboo.

References: (tx) Browne 1984f: 69.

dubiosus Wood 1960a: 19. Holotype ♀; Caroline Islands, Palau Islands, Pelelin; USNM, Washington.

Distribution: Micronesia (Palau Islands in Caroline Islands).

Hosts: *Pandanus* sp.

References: (ds) Browne 1984a: 150; Olmo, Yoshioka, et al. 1987a: 87. (tx) de Ruelle 1970: 111; Wood, S. L. 1960a: 19.

formosanus Browne 1981a: 129. Holotype, sex?; Hualien (Formosa) to Yatsushiro (Japan), imported; BMNH, London.

Distribution: Asia (Taiwan).

References: (tx) Browne 1981a: 129.

javanus Schedl 1942d: 10. Lectotype, sex?; Java, Gedeh; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 129.

- Distribution: Indonesia (Java).
References: (hb) Kalshoven 1958b: 166. (tx) Schedl 1942d: 10, 1943b: 34, 1979c: 129.
- madagascariensis** Schedl 1961e: 133. Holotype, sex?: Madagascar, Montagne d'Ambre, Joffreville; IRSM, Madagascar.
Distribution: Madagascar.
References: (hb) Schedl 1977a: 44. (ds) Schedl 1977a: 44. (tx) Schedl 1961e: 133, 1962r: 93, 1977a: 44, 1979c: 144.
- marquesanus** Beeson 1935: 101. Syntypes 26, sex?: Marquesas Is.: Eiao, Hivaona, Tahaianu, Uapou, Hakaigetani Valley; BPBM, Honolulu?
Distribution: Cook Islands (Aitutaki), Fiji Islands, Gambier Islands, Marquesas Islands, Samoan Islands (American Samoa, Western Samoa).
Hosts: *Hibiscus tiliaceus*.
References: (ds) Beeson 1935b: 290, 1940: 193; Schedl 1972b: 266. (tx) Beaver 1991: 93; Beeson 1935: 101–102, 1938b: 290, 1940: 193; Schedl 1951k: 143.
- zimmernani** Schedl 1951k: 143. Syntypes, sex?: Tutuila, west side; Afono Trail; Amouli 400 ft.; Fagatogo 700 ft.; Samoa, Upolu Tapatapao; BPBM, Honolulu, and Schedl Collection in NHMW, Wien. Synonymy: Beaver 1991: 93.
References: (tx) Beaver 1991: 93; Schedl 1951k: 134, 143, 1953c: 294.
- minutissimus** Schedl 1943b: 34. Lectotype, sex?: Mt. Isarog, Luzon, Philippines; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 156.
Distribution: Philippine Islands (Luzon).
References: (hb) Kalshoven 1958b: 166. (ds) Schedl 1966b: 18. (tx) Nobuchi 1983: 300; Schedl 1943b: 34, 1951i: 50, 1954a: 139, 1979c: 156.
- pacificus** Schedl 1941f: 111. Holotype, sex?: Oahu; Waimano; BPBM, Honolulu?
Distribution: Micronesia (Kusaie, Marshall Islands, S Mariana Islands), Hawaiian Islands.
References: (tx) Browne 1970: 556; Schedl 1941f: 111, 1951m: 105, 1979c: 152; Wood, S. L. 1960a: 20.
- ramosus** Beeson 1935: 115. Holotype ♀; India: Bengal, Sunderbans; FRI, Delhra Dum.
Figures: Maiti & Saha 1986: 170 (adult, antenna).
Distribution: Asia (Bengal, Nicobar Islands in India), Mangareva Islands, Micronesia (Caroline Islands, Palau Islands, Ponape, Society Islands, Truk Island, Yap Island).
Hosts: *Hibiscus tiliaceus*.
References: (cn) Mathur & Singh 1960b: 5. (cc) Beeson 1922c: 498. (hb) Beeson 1922c: 498. (ds) Beeson 1922c: 498, 1938b: 290, 1940: 193, 1961: 295; Kleine 1934a: 148; Maiti & Saha 1986: 169; Mathur & Singh 1960b: 5; Wood, S. L. 1960a: 20. (tx) Beeson 1935: 115–116, 1940: 193; Maiti & Saha 1986: 169; Wood, S. L. 1960a: 20.
- rugosus** Schedl 1943b: 34. Lectotype, sex?: Manila, Philippines; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 217.
Distribution: Philippine Islands (Luzon).
References: (ds) Schedl 1966b: 18. (tx) Nobuchi 1983: 300; Schedl 1943b: 34, 1979c: 217.
- shoreae** Schedl 1953c: 293. Lectotype, sex?: Malaya, Selangor, Kepong; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 227.
Distribution: Asia (Malaya).
Hosts: *Shorea macroptera*.
References: (ds) Browne 1961c: 79. (tx) Schedl 1953c: 293, 1979c: 227.
- squamosus** Schedl 1953c: 294. Lectotype, sex?: Malaya, Selangor, Kepong; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 236.
Distribution: Asia (Malaya).
Hosts: *Shorea gysbertsiana*, *S. parvifolia*.
References: (hb) Browne 1961c: 79. (tx) Schedl 1953c: 294.
- stephegynis** Hopkins 1915b: 11. Holotype ♀; Calapan, P.I.; USNM, Washington.
Distribution: Philippine Islands.
Hosts: *Stephegynia diversifolia*.
References: (ds) Beeson 1938: 290; Kleine 1934a: 148; Schedl 1959a: 475, 1966b: 18. (tx) Hopkins 1915b: 11; Nobuchi 1983: 300; Schedl 1933d: 201, 1959a: 475, 1961e: 133.
- tarawai** Beaver 1990: 149. Holotype ♀; Kiribati: S. Tarawa I.; Auckland Museum.
Distribution: Tarawa Island.
Hosts: *Scavola* sp.
References: (tx) Beaver 1990: 149.
- venustus** Schedl 1953d: 75. Syntypes 2, sex?: Madagascar, Mt. d'Ambre; MNHN, Paris and Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
References: (tx) Schedl 1953d: 78–79, 1962r: 93, 1977a: 44, 1979c: 265.

Genus *Cosmoderes* Eichhoff

- COSMODERES EICHHOFF 1878b: 495. Type-species: *Cosmoderes monilicollis* Eichhoff, monobasic.
- Erioschidius* Schedl 1938k: 42. Type-species: *Cryphalus setistriatus* Lea, subsequent designation by Wood 1960a: 21. Synonymy: Wood 1980c: 91.
References: (ds) Brimblecombe 1958: 18. (tx) Numberg 1956a: 141; Schedl 1938k: 42, 1957d: 1–162, 1959a: 474, 1961k: 444, 1962r: 85–107, 1977b: 36; Wood, S. L. 1960a: 21, 1980c: 91.
- Dendriops* Schedl 1953b: 125. Type-species: *Dendriops granulicollis* Schedl, monobasic. Synonymy: Wood 1986a: 91.
References: (tx) Schedl 1953b: 125; Wood, S. L. 1986a: 91.
- Pseudocosmoderes* Nobuchi 1981c: 16. Type-species: *Pseudocosmoderes attenuatus* Nobuchi

- probably = *Cosmoderes monilicollis* Eichhoff, monobasic. Synonymy: Wood 1992b: 80–81. References: (tx) Nobuchi 1981c: 16–17; Wood, S. L. 1992b: 80–81.
- Vitaderes* Beeson 1941 (1961: 301). Type-species: *Vitaderes luffae*, nomen nudum, = *Cosmoderes monilicollis* Eichhoff, nomen nudum, no status. References: (tx) Beeson 1941 (1961: 301). References: (hb) Schedl 1977a: 36; Wood, S. L. 1986a: 91. (ds) Schedl 1961k: 444, 1966b: 17, 1977a: 36; Wood, S. L. 1986a: 91. (tx) Eichhoff 1957b: 475, 495; Hopkins 1915b: 7, 10–11; Numberg 1956a: 141; Schedl 1961k: 444, 467, 1962r: 88, 1977a: 36; Wood, S. L. 1954a: 1050, 1986a: 91.
- anticus** (Schedl) 1975f: 343 (*Erioschidias*). Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (tx) Schedl 1975f: 343, 1979c: 22.
- consobrinus** Blandford 1894d: 86. Holotype ♀?; Japan: BMNH, London. Distribution: Asia (Japan). References: (ds) Blandford 1894c: 579; Hagedorn 1910d: 46; Kleine 1913b: 125, 1914b: 257; Murayama 1949c: 101, 1961: 31. (tx) Blandford 1894d: 86; Hagedorn 1910a: 81; Schedl 1934f: 1640, 1963i: 61.
- corpulentus** (Schedl) 1971f: 151 (*Erioschidias*). Holotype, sex?; Philippinen, Palawan: Brooke's Point, Uring Uring; UZMC, Copenhagen. Distribution: Philippine Islands (Palawan). References: (tx) Schedl 1971f: 151–152.
- cylindricus** (Schedl) 1962r: 103 (*Erioschidias*). Holotype, sex?; Fiji Inseln; Schedl Collection in NHMW, Wien. Distribution: Fiji Islands. References: (ds) Browne 1974a: 64. (tx) Schedl 1962r: 103, 1979c: 73–74.
- donisi** (Schedl) 1957d: 46 (*Erioschidias*). Holotype, sex?; Congo Belge; Yangambi; MRCB, Tervuren. Distribution: Africa (Zaire). Hosts: *Cynometra hankai*. References: (tx) Schedl 1957d: 46, 1979c: 83.
- elegans** Schedl 1975f: 342. Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (tx) Schedl 1975f: 342, 1979c: 88.
- elongatus** (Eggers) 1939b: 4 (*Erioschidias*). Holotype, sex?; Nordost-Birma (Kambaiti, 7000 Fuss); NHR, Stockholm. Distribution: Asia (Burma). References: (tx) Eggers 1939b: 4–5.
- frontalis** (Wood) 1960a: 21 (*Erioschidias*). Holotype ♂; Ulehschel (Anrapushekaru) Is., Palau Islands; USNM, Washington. Figures: Wood 1960a: 22. Distribution: Micronesia (Palau Islands, Truk in Caroline Islands). References: (tx) de Ruetten 1970: 101; Wood, S. L. 1960a: 21–22.
- imitatrix** (Schedl) 1977f: 499 (*Erioschidias*). Holotype, sex?; Vietnam: Yen So, SW of Hanoi; Schedl Collection in NHMW, Wien. Distribution: Asia (Vietnam). References: (tx) Schedl 1977f: 499.
- madagascariensis** (Schedl) 1963i: 65 (*Euptilius*). Syntypes, sex?; Madagascar: Mont. d'Ambre; Schedl Collection in NHMW, Wien. Distribution: Madagascar. Notes: (1) Schedl 1979c: 144 (citation of holotype invalid). (3) The syntype in NHMW, Wien, is largely covered by glue; identity uncertain. References: (tx) Schedl 1963i: 65–67, 1979c: 144.
- monilicollis** Eichhoff 1878b: 496. Holotype, sex?; Hindostan; Hamburg Museum, lost. Distribution: Asia (Burma/ Guizhou in China/ India/ Sri Lanka/ Vietnam), Indonesia (Sunnatra). Hosts: *Actinidia polygama*, *Akebia trifoliata*, *Lagenaria vulgaris*, *Luffa aegyptiaca*, *Stauntonia hexaphylla*. References: (ds) Blandford 1895a; Hagedorn 1910d: 46; Kleine 1913b: 125, 1914b: 269; Schedl 1959a: 476. (tx) Eggers 1925: 153; Eichhoff 1878a: 387, 1878b: 496; Hagedorn 1910a: 81; Hopkins 1914: 119; Lucas 1920: 205; Schedl 1959a: 476, 1963i: 60; Wood, S. L. 1992b: 81. (ms) Lucas 1920: 205.
- granulicollis** Schedl 1953b: 125 (*Dendriops*). Lectotype, sex?; Indo-China: Saigon; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 111. Synonymy: Schedl 1963i: 60. References: (ds) Schedl 1965a: 339. (tx) Schedl 1953b: 125, 1963i: 60, 1979c: 111.
- coriaceus** Schedl 1959a: 474 (*Erioschidias*). Syntypes, sex?; Ceylon: Sabargamuva, Millawitiya Estate; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1963i: 60. Notes: (1) Schedl 1979c: 65 (citation of holotype invalid). References: (ds) Schedl 1959a: 474, 1971a: 280. (tx) Schedl 1959a: 474, 1961e: 69, 1962r: 103, 1963i: 60, 1979c: 65.
- attenuatus** Nobuchi 1981c: 17 (*Pseudocosmoderes*). Holotype, sex?; Shimizucho, Wakayama [Japan]; Nobuchi Collection, Ibaraki. Synonymy: Wood 1992b: 81. Notes: Nobuchi's photograph of the type indicates that it is a female of *monilicollis*; confirmation is needed (SLW). References: (tx) Nobuchi 1981c: 17–18; Wood, S. L. 1992b: 80–81.
- niger** (Schedl) 1961e: 131 (*Erioschidias*). Holotype, sex?; Madagascar, Perinet; IRSM, Madagascar. Distribution: Madagascar.

- Hosts: *Erythroxylon sphaeranthrum*.
References: **(tx)** Schedl 1961e: 131, 1977b: 37, 1979c: 166.
- papuanus** Schedl 1975f: 341. Holotype, sex?: Peria Creek, Kwagira River, 50 m; AMNH, New York.
Distribution: New Guinea.
References: **(tx)** Schedl 1975f: 341.
- pellitus** (Schedl) 1953d: 79 (*Erioschidias*). Lectotype, sex?: Madagascar, Mt. d'Ambre; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 157.
Distribution: Madagascar.
References: **(tx)** Schedl 1953d: 79, 1961e: 131, 1977a: 37, 1979c: 157.
- philippinensis** (Schedl) 1967a: 126 (*Erioschidias*). Holotype, sex?: Bislig, Mindanao, Philippines to Tokyo (Japan), imported; PPST, Tokyo.
Distribution: Philippine Islands (Mindanao).
References: **(tx)** Nobuchi 1983: 300; Schedl 1967a: 126–127, 1979c: 192.
- queenlandi** (Schedl) 1938f: 43 (*Erioschidias*). Lectotype, sex?: Cairns district; Schedl Collection in NHMW, Wien.
Distribution: Australia (Queensland).
References: **(ds)** Brimblecombe 1953: 18, **(tx)** Schedl 1938f: 43, 1979c: 209.
- ruandae** (Schedl) 1962r: 104 (*Erioschidias*). Holotype, sex?: Ruanda; Ithembe; Schedl Collection in NHMW, Wien.
Distribution: Africa (Ruanda in Zaire).
References: **(tx)** Schedl 1962k: 1067, 1962r: 104, 1979c: 213.
- sericeus** (Schedl) 1942d: 10 (*Erioschidias*). Lectotype ♂: Java, Mount Gede, 800 m; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 225.
Distribution: Indonesia (Java).
References: **(hb)** Kalshoven 1955b: 166, **(tx)** Schedl 1942d: 10, 1958k: 153, 1979c: 225.
- kalshoveni** Schedl 1954a: 149 (*Ptilopodius*). Lectotype ♀: Java, Mt. Gede, 800 m; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 131. Synonymy: Schedl 1958k: 153.
References: **(ds)** Schedl 1965g: 23, **(tx)** Schedl 1954a: 139, 149, 1958k: 153, 1979c: 131.
- setistriatus** (Lea) 1910: 141 (*Cryphalus*). Syntypes, sex?: W. Australia; Rottmest Island; SAM, Adelaide? Distribution: Australia (Western Australia).
Notes: (1) Schedl 1938f: 42 (to *Erioschidias*, =*Cosmoderes*, redescribed).
References: **(ds)** Brimblecombe 1953: 18, **(tx)** Lea 1910: 141; Schedl 1936g: 528, 1938f: 42, 1959a: 474.
- solitarius** (Schedl) 1957d: 46 (*Erioschidias*). Holotype, sex?: Congo Belge; Yangambi; MRCB, Tervuren.
Figures: Schedl 1961k: 445–446.
- Distribution: Africa (Zaire).
Hosts: *Dialium corbiscieri*.
References: **(hb)** Schedl 1961k: 445, **(ds)** Schedl 1961k: 445, **(tx)** Schedl 1957d: 46, 1961k: 445–446, 1979c: 232.

Genus *Cryptocaremus* Eggers

CRYPTOCAREMUS EGGERS 1937a: 79. Type-species: *Cryptocaremus dialemtatus* Eggers, original designation.

Tachyderes Blackman 1943b: 35. Type-species: *Tachyderes floridensis* Blackman = *Cryptocaremus sciriatius* Eggers, original designation. Synonymy: Schedl 1951m: 72.

References: **(tx)** Blackman 1943b: 35; Schedl 1951m: 72, 1962p: 205; Wood, S. L. 1954a: 1011.

Keys: Wood 1952b: 912 for North and Central America.

References: **(ay)** Nobuchi 1969a: 57, **(bv)** Schedl 1960f: 11, **(hb)** Wood, S. L. 1952b: 911, 1956a: 91, **(ds)** Schedl 1962k: 23; Wood, S. L. 1952b: 911, 1956a: 91, **(tx)** Arnett 1960: 1043, 1968: 1043; Bright 1972d: 62; Eggers 1933b: 10, 1937a: 79–80; Schedl 1939a: 343, 1939h: 46–47, 1951m: 72, 1958f: 33–46, 1960f: 11, 34, 1962j: 23, 1962p: 205, 1965e: 349–379; Wood, S. L. 1954a: 981, 1011, 1952b: 911, 1956a: 91.

acaciae Schedl 1958f: 45. Syntypes, sex?: Argentinien; Buenos Aires, Tigre; Schedl Collection in NHMW, Wien, and Viana Collection.

Distribution: South America (Argentina).

Hosts: *Acacia nigra*.

Notes: (1) Schedl 1979c: 9 (citation on holotype invalid).

References: **(hb)** Viana 1964: 125, **(ds)** Numberg 1972b: 193; Viana 1964: 125, **(tx)** Schedl 1951m: 96, 1958f: 45, 1979c: 9.

brasilienis (Schedl) 1951m: 96 (*Miocryphalus*). Holotype, sex?: Brasilien, Bahia; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: **(tx)** Schedl 1951m: 96, 1979c: 45.

brevicollis Eggers 1937a: 81. Holotype ♀: Bolivien (Cochabamba); Eggers Collection, in NHMW, Wien.

Distribution: South America (Bolivia/ Brazil/ Venezuela).

Hosts: *Nectandra* sp.

References: **(ds)** Blackwelder 1947: 781, **(tx)** Eggers 1937a: 81; Schedl 1939h: 47, 1979c: 46; Wood, S. L. 1976a: 347.

coronatus Wood 1971d: 36. Holotype ♀: 20 km SW El Vigia, Merida, Venezuela; Wood Collection. Synonymy: Wood 1976a: 347.

References: **(hb)** Wood, S. L. 1971d: 36, **(ds)** Beaver 1974a, **(tx)** Wood, S. L. 1971: 36, 1976a: 347.

diadematus Eggers 1937a: 50. Holotype ♀: Brasilien (Corumba, Matto Grosso); USNM, Washington.

Distribution: Antilles Islands (Jamaica), North America (Costa Rica/Oaxaca in Mexico/Panama), South America (Brazil/Colombia/Venezuela).

Hosts: *Persca americana*, *Saraca indica*, *Serjania* sp. References: (ds) Beaver 1974; Blackwelder 1947: 751; Pedrosa-Macedo & Schonherr 1985: 49; Schedl 1970e: 52; Wood, S. L. 1952b: 912. (tx) Anderson, W. H. & Anderson 1971: 11; Eggers 1937a: 50; Pedrosa-Macedo & Schonherr 1985: 49; Schedl 1939h: 47, 1979c: 79; Wood, S. L. 1954a: 1012, 1982b: 912.

harringtoni (Blackman) 1943b: 35 (*Tachyderes*). Holotype ♀: Yaguacua, Bolivia; USNM, Washington. Distribution: South America (Bolivia).

References: (ds) Numberg 1955a: 450. (tx) Blackman 1943b: 35; Numberg 1955a: 450; Schedl 1962j: 205.

hercae (Hagedorn) 1912a: 335 (*Stephanoderes*). Lectotype ♀: Eala, Congo; MRCB, Tervuren, designated by Wood 1982b: 914. Figures: Schedl 1962j: 24–25.

Distribution: Africa (Ghana/ Zaire), Antilles Islands (Cuba/ Guadeloupe/ Jamaica/ Virgin Islands), North America (Costa Rica/ Colima, Veracruz in Mexico/ Panama/ Florida in USA), South America (Brazil/ Colombia/ Venezuela).

Hosts: *Canavalia villosa*, *Vitis* sp. References: (ay) Van Ryn-Toummel 1975. (by) Schedl 1960f: 71. (en) Anlmann 1912: 55; Chesquiere 1933a: 33–36, 1933b: 753; Green 1916: 605–636; Mayne & Donis 1951: 334; Schmitz & Crisinel 1957: 12. (cc) Equihua & Atkinson 1986: 630; Mayne & Donis 1951: 334. (hb) Beaver 1974a; Browne 1963a: 235; Equihua & Atkinson 1986: 630; Kalshoven 1963; Schedl 1962k: 24; Schmitz & Crisinel 1957: 12. (ds) Atkinson & Equihua 1985c: 355; Beaver 1974a; Bright 1972d: 62, 1985c: 174; Browne 1963a: 235; Equihua & Atkinson 1986: 630; Estrada & Atkinson 1985: 209; Chesquiere 1933c; Kalshoven 1963; Kleine 1913b: 121, 1914b: 314; Mayne 1915: 577–596; Pedrosa-Macedo & Schonherr 1985: 50; Schedl 1960f: 34–94, 1962k: 24, 1964j: 41, 1967e: 214, 1970e: 82; Wichmann 1954: 525; Wood, S. L. 1957c: 396, 1977a: 69, 1982b: 914. (tx) Bright 1972d: 62, 1985c: 174; Eggers 1924: 110, 1927a: 197, 1932c: 23, 1937a: 50, 1940h: 61; Hagedorn 1912a: 335, 1913a: 18; Pedrosa-Macedo & Schonherr 1985: 50; Schedl 1935a: 173, 1935i: 26, 1939h: 47, 1962j: 24–25; Wood, S. L. 1954a: 1014, 1957c: 396, 1962: 78, 1975b: 393, 1982b: 914.

caraiibicus Eggers 1937a: 52. Holotype ♀: Guadeloupe; USNM, Washington. Synonymy: Wood 1975b: 393.

References: (ds) Blackwelder 1947: 751. (tx)

Anderson, W. H. & Anderson 1971: 9; Eggers 1937a: 52; Schedl 1935a: 162, 153, 1939h: 47, 1979c: 53; Wood, S. L. 1975f: 392.

parvus Blackman 1943b: 36 (*Tachyderes*). Holotype ♀: Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1962: 75.

References: (tx) Blackman 1943b: 36; Schedl 1962p: 205; Wood, S. L. 1962: 75.

porosus Wood 1954a: 1014. Holotype ♀: Royal Palm Hammock State Park, Florida [USA]; SMUK, Lawrence. Synonymy: Wood 1957c: 396. References: (hb) Wood, S. L. 1953: 106, 1954a: 1014. (tx) Wood, S. L. 1953: 106, 1954a: 1014, 1957c: 396, 1962k: 24.

laevigatus (Blandford) 1904: 230 (*Hypothencmus*). Lectotype ♀: Los Remedios, Chiriqui, Panama; BMNH, London, designated by Wood 1982b: 914.

Distribution: North America (Nicaragua/ Panama). References: (ds) Hagedorn 1910d: 44; Kleine 1913b: 121, 1914b: 361; Wood, S. L. 1982b: 914. (tx) Blandford 1904: 229–230; Browne 1970: 557; Hagedorn 1910a: 57, 1912a: 335–339; Wood, S. L. 1982b: 914.

lepidus Wood 1971: 36. Holotype ♀: Beverley, Limon Prov., Costa Rica; Wood Collection.

Distribution: North America (Costa Rica/ Guatemala/ Oaxaca in Mexico/ Panama), South America (Brazil/ Colombia).

Hosts: *Canavalia villosa*, *Coffea robusta*, *Protium* sp., *Serjania* sp., *Xclopia* sp.

Notes: (3) Wood 1982b: 913 (re-described). References: (ds) Atkinson & Equihua 1985c: 355, 1985: 55; Beaver 1974a; Wood, S. L. 1971: 36–37, 1982b: 913.

pilosus Eggers 1937a: 51. Holotype, sex?: Bolivien (Cochabamba); USNM, Washington. Distribution: South America (Bolivia/ Brazil).

Hosts: *Protium* sp.

References: (hb) Beaver 1974a. (ds) Beaver 1974a; Blackwelder 1947: 751. (tx) Anderson, W. H. & Anderson 1971: 25; Eggers 1937a: 51; Schedl 1939d: 410, 1939h: 47.

pubescens Wood 1986c: 271. Holotype ♀: 69 km N Manaus, Brazil; Wood Collection.

Distribution: South America (Brazil).

References: (tx) Wood, S. L. 1986c: 271.

punctifrons Schedl 1939d: 410. Syntypes, sex?: Isla Martin Garcia, Argentina; Schedl Collection in NHMW, Wien, and Viana Collection.

Distribution: South America (Argentina).

Notes: (3) Schedl 1979c: 205 (citation of holotype invalid).

References: (hb) Viana 1964: 125. (ds) Blackwelder 1947: 751; Viana 1964: 125. (tx) Schedl 1939d: 410, 1979c: 205.

pygmaeus Schedl 1965e: 370. Holotype, sex?: Congo ex belge, Yangambi; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaire).

Hosts: *Caloncobia wchuitschii*.

Notes: (1) The holotype of this species does not belong to this genus; it may be a *Miocryphalus*.

References: (tx) Schedl 1965c: 370, 1979c: 207.

seriatus Eggers 1933b: 10. Holotype ♀; French Guayana (Nonveau Chantier): MNHN, Paris.

Figures: Atkinson & Aquilina 1988: 91, Bright 1972d: 59, Pedrosa-Macedo & Schonherr 1985: 51.

Distribution: Antilles Islands (Cuba/ Haiti/ Jamaica/ Virgin Islands), North America (Costa Rica/ Honduras/ Colima, Nayarit, Oaxaca, Sinaloa in Mexico/ Florida, S Texas in USA), South America (Bolivia/ Brazil/ Cayenne/ Venezuela).

Hosts: *Araucaria angustifolia*, *Canavalia villosa*, *Chenopodium ambrosioides*, *Conocarpus erecta*, *Dipholis salicifolia*, *Ficus aurca*, *Ipomoea pres-caprae*, *Mangifera indica*, *Metopium toxiferum*, *Persca borbonica*, *Pithecolobium guadeloupense*, *Rhacoma crossopetalum*.

References: (bv) Atkinson, Foltz, & Connor 1988, (cc) Equilina & Atkinson 1986: 630, (hb) Atkinson, Foltz, & Connor 1988; Deyrup & Atkinson 1987a: 66; Equilina & Atkinson 1986: 630; Wood, S. L. 1953: 104, (ds) Atkinson & Equilina 1985c: 355, 1988: 88; Beaver 1974a; Blackwelder 1947: 781; Bright 1972d: 63, 1985c: 174; Deyrup & Atkinson 1987a: 66; Equilina & Atkinson 1987a: 66; Estrada & Atkinson 1988: 209; Numberg 1958a: 480, 1972b: 193; Pedrosa-Macedo & Schonherr 1985: 51; Schedl 1960a: 78, 1972g: 39; Schonherr & Pedrosa-Macedo 1981: 52; Wood, S. L. 1977a: 69, 1982b: 913, (tx) Atkinson & Equilina 1988: 91; Bright 1972d: 59, 63, 1985c: 174; Eggers 1933b: 10; Numberg 1958a: 480; Pedrosa-Macedo & Schonherr 1985: 51; Schedl 1939h: 47, 1957a: 194, 1962p: 205, 1979c: 225; Wood, S. L. 1953: 104, 1972e: 193–194, 1975a: 21, 1982b: 913.

adustus Eggers 1933b: 11. Holotype ♀; St. Jean du Maroni, French Guayana; MNHN, Paris. Synonymy: Wood 1972e: 194.

References: (ds) Blackwelder 1947: 781, (tx) Eggers 1933b: 11; Wood, S. L. 1972e: 194.

floridensis Blackman 1943b: 36 (*Tachyderes*). Holotype ♀; Paradise Key, Florida [USA]. Synonymy: Schedl 1962p: 205.

References: (hb) Wood, S. L. 1954a: 1012, (ds) Blackwelder & Blackwelder 1948, (tx) Blackman 1943b: 36; Schedl 1962p: 205; Wood, S. L. 1954a: 959, 979, 1012.

bolivianus Eggers 1943a: 356. Holotype ♀; Cochabamba, Bolivia; USNM, Washington. Synonymy: Wood 1975a: 21.

References: (tx) Anderson, W. H. & Anderson 1971: 7; Eggers 1943a: 356; Schedl 1958f: 46, 1979c: 43; Wood, S. L. 1975a: 21.

spatulatus Wood 1986c: 272. Holotype ♀; Sta. Maria Chimalpa, Oaxaca, Mexico; Wood Collection.

Distribution: North America (Oaxaca in Mexico).

Hosts: *Struthanthus* sp.

References: (tx) Wood, S. L. 1986c: 272.

Genus *Hypothenemus* Westwood

HYPOTHENEMUS WESTWOOD 1836: 34. Type-species:

Hypothenemus eruditus Westwood, monobasic.

Stephanoderes Eichhoff 1872a: 132. Type-species: *Stephanoderes chapuisi* Eichhoff = *Crypturgus dissimilis* Zimmermann, subsequent designation by Hopkins 1914: 130. Synonymy: Brownie 1963: 53.

References: (ay) Van Ryn-Tournel 1975, (bv) Schedl 1960: 11, (cn) Albuquerque Leao 1941: 319–328; Blackman 1950: 306, 327; Brownie 1968: 660; Coleman 1931: 1–26; Dorsey & Leach 1956: 224; Hargreaves 1936: 8–11; Lefevre 1944: 191–200; Luigioni 1929: 997; Mertens 1920: 243–251; Myers 1947: 7; Roque 1946: 30–31; Tucker 1911: 27; Ultee 1925: 1–52; Wolcott 1921: 11, (hb) Brownie 1961c: 71–76; Ghesquiere 1933a: 25, 1933b: 774–778; Nusslin 1912: 82; Schedl 1961k: 546, 1977a: 61, (ds) Blackwelder 1947: 777; Brownie 1961c: 71; Costa Lima 1956: 292–293; Hagedorn 1910d: 40; Heyden, Reitter, & Weise 1906; Leng 1920; Schedl 1961k: 546, 1977a: 61; Swaine 1909: 116, (tx) Arnett 1960: 1043, 1968: 1043; Balachowsky 1949a: 201; Beal & Massey 1945: 48, 51, 115–117; Beeson 1938: 290; Blackman 1922a: 79, 89; Blandford 1894b: 262, 1894d: 83–85, 1904: 226; Blatchley & Leng 1916: 593, 599; Brownie 1963c: 53; Chamberlin 1939: 303; Costa Lima 1928: 117; Dodge 1938: 18; Duffy 1953: 6, 14; Eggers 1940a: 123–141, 1940b: 99–108; Eichhoff 1872a: 132, 1878a: 387, 1878b: 44–46, 142, 475, 496, 1881a: 46, 190, 1883: 110, 134, 1896: 608; Hagedorn 1910a: 84, 1912: 33–43, 1913b: 3; Hopkins 1914: 130, 135, 1915b: 1–75, 1915c: 171–226; Numberg 1960: 287–308; Peyerimhoff 1935: 193–195; Reitter 1894: 73, 1906: 711, 1913a: 5, 71; Roepke 1919: 8; Sampson 1914: 379; Schedl 1934d: 84, 1939a: 342, 1939i: 381, 1941d: 379–424, 1957d: 1–162, 1958f: 33–46, 1959q: 705–710, 1961k: 546, 1962r: 89, 1963: 215–216, 1965f: 3–15, 1977a: 61, 1977b: 61; Stark 1952: 280; Swaine 1918a: 16, 18, 35, 45; Wood, S. L. 1954a: 1011, 1015, 1960a: 35.

Homocoryphalus Lindemann 1876: 168. Type-species: *Stephanoderes ehlersii* Eichhoff = *Hypothenemus eruditus* Westwood, monobasic. Synonymy: Fauvel 1884: 315.

References: (tx) Blandford 1904: 226; Fauvel 1884: 315, 390; Lindemann 1876: 168; Swaine 1909: 116.

- Adiacretus* Hagedorn 1909a: 744. Type-species: *Adiacretus spinosus* Hagedorn = *Stephanoderes claphus* Eichhoff, monobasic. Synonymy: Schedl 1939: 380. References: (tx) Hagedorn 1909a: 744; Schedl 1939i: 380, 1961k: 467; Wood, S. L. 1954a: 1050.
- Stylotentus* Schedl 1939i: 380. *Hypothenemus concolor* Hagedorn, subsequent designation by Schedl 1961k: 448. Synonymy: Wood 1983: 648. References: (tx) Numberg 1956: 141; Schedl 1939i: 280, 1953c: 294, 1957d: 10, 1961k: 448, 1962r: 89–90, 1977b: 37.
- Triarmocerus* Eichhoff 1878b: 42, 119. Type-species: *Triarmocerus cryphaloides* Eichhoff, monobasic. Synonymy: Synonymy is based on Eichhoff's placement of *birmanus* in *Triarmocerus* and on a specimen in the Schedl Collection of *cryphaloides* presumably compared with the type. References: (tx) Eichhoff 1878b: 42, 119; Hagedorn 1910a: 46; Numberg 1956: 141; Schedl 1962r: 89.
- Chondronoderes* Schedl 1940d: 589. Type-species: *Stephanoderes magnus* Eggers, monobasic. Synonymy: Wood 1984b: 226. References: (tx) Schedl 1940d: 589, 1961k: 545; Wood, S. L. 1984b: 226.
- Archeophalus* Schedl 1941d: 392. Type-species: *Archeophalus natalensis* Schedl, monobasic. Synonymy: Wood 1984b: 226. References: (tx) Schedl 1941d: 392, 1961k: 443; Wood, S. L. 1984b: 226.
- Pachynoderes* Schedl 1941d: 393. Type-species: *Pachynoderes deprecator* Schedl, monobasic. Synonymy: Wood 1984b: 226. References: (tx) Schedl 1941d: 393, 1961k: 632; Wood, S. L. 1984b: 226.
- Lepiceroides* Schedl 1957d: 59. Type-species: *Lepiceroides aterrimus* Schedl, monobasic. Synonymy: Wood 1984b: 226. References: (tx) Schedl 1957d: 59, 1961k: 635; Wood, S. L. 1984b: 226.
- Ernophlocus* Numberg 1958a: 484. Type-species: *Ernophlocus costalinai* Numberg = *Stephanoderes fuscicollis* Eichhoff, original designation. Synonymy: Wood 1986c: 266. References: (tx) Numberg 1958a: 484; Schedl 1960i: 104; Wood, S. L. 1986c: 226.
- Epsips* Beeson 1941 (1961: 287). Type-species: *Epsips sylvarium*, nomen nudum. Beeson's series was examined by SIW, but the name was never validated and is not needed. References: (tx) Beeson 1941 (1961: 287).
- Macrocryphalus* Nobuchi 1981c: 14. Type-species: *Macrocryphalus oblongus* Nobuchi, probable synonymy of *Stephanoderes fuscicollis* Eichhoff. Synonymy: Wood 1992b: 81. References: (tx) Nobuchi 1981c: 14; Wood, S. L. 1992b: 81.
- Keys: Wood 1954a: 1017, 1052, 1982b: 876, Blandford 1904: 227 for North America. References: (ay) Nobuchi 1969a: 58; Nusslin 1911, 1912; Van Ryn-Tournel 1975. (bx) Schedl 1960f: 11–12. (cn) Blackman 1950: 306, 326–327; Goncalves 1935: 414–420; Mayne 1917: 1–80; Tulashvili 1930: 189–230. (hb) Beaver 1987a: 18; Bright & Stark 1973: 68; Browne 1963a: 233; Chesquiere 1933a: 25, 1933b: 774–775; Lengerken 1939: 63; Schedl 1958d: 189, 1961k: 467, 1977a: 37; Smith 1890: 54–55; White, R. E. 1983: 33; Wood, S. L. 1986a: 91. (ds) Beaver 1987a: 18; Bright & Stark 1973: 68; Britten 1920: 95–96; Hagedorn 1910d: 40; Schedl 1934f: 1640, 1961k: 467, 1966b: 24, 1977a: 37; Scheerpeltz & Winkler 1930: 257; Swaine 1909: 116; Wachtl 1876: 453; Wood, S. L. 1982b: 875, 1986a: 91. (tx) Arnett 1960: 1043, 1968: 1043; Balachowsky 1949a: 200; Beal & Massey 1945: 60, 117; Beeson 1938: 288, 1941: 374; Blackman 1922b: 76, 82; Blandford 1894b: 260–264, 1894d: 83–86, 1895b: 81–83, 1897a: 183, 1898b: 185, 225, 1904: 226–232, 249; Blatchley & Leng 1916: 592–596; Bright 1972: 48–49; Bright & Stark 1973: 68; Browne 1961: 76–79, 1963: 53–58, 1968: 60; Chamberlin 1939: 12, 37, 102–106, 275, 288, 303; Choo 1983: 65; Choo, Woo, & Nobuchi 1985b; Costa Lima 1928: 118–120; Dodge 1938: 18; Eggers 1934: 27, 1943c: 68; Eichhoff 1864: 34, 45, 56, 1868d: 421, 1896: 608; Erichson 1836: 61; Fauvel 1884: 315; Ferrari 1867a: 4, 7, 1867b: 113; Cozman 1885: 278; Hagedorn 1910a: 84, 86, 138; Hopkins 1914: 116, 123, 133, 1915b: 7, 12–15, 1915c: 117–121; Jacquelin du Val & Fairmaire 1868: 105; Kurenzov 1941: 70; Luigioni 1929: 997; LeConte 1876: 355; LeConte & Horn 1883: 517; Peyerimhoff 1935: 193–196; Reitter 1894: 73–75, 1906: 711, 1913a: 65, 71–74; Sampson 1914: 379; Schedl 1939i: 380, 1940c: 203–208, 1952g: 50, 1957d: 79, 1958f: 33–46, 1961k: 467, 1962r: 88, 1963h: 265, 1963i: 62, 1964k: 215–216, 1977a: 37, 1977b: 48; Sharp 1879: 101–102; Stark 1952: 13–27, 75, 153, 290; Westwood 1836: 34; Wood, S. L. 1954a: 981, 1067, 1966a: 40, 1961: 45, 1982b: 875–911, 1986: 91–93, 1986a: 91.
- aberrans** Browne 1973a: 287. Holotype ♀; Zaire; Lovanium (Kinshasa); MRCB, Tervuren. Distribution: Africa (Zaire). References: (hb) Van Ryn-Tournel 1975. (tx) Browne 1973a: 287.
- abruptus** (Schedl) 1961e: 135 (*Stephanoderes*). Holotype, sex?; Madagascar. Betsatsakry pres Perinet; IRSM, Madagascar. Distribution: Madagascar. Hosts: *Ravensara* sp. References: (hb) Schedl 1977a: 62. (ds) Schedl 1977a: 62. (tx) Schedl 1961e: 135, 1977a: 62, 1979c: 9.

- acaciae (Eggers)** 1920: 120 (*Cryphalus*). Lectotype ♀; Cheren, Abessinien; USNM, Washington, designated by Anderson & Anderson 1971: 3. Distribution: Africa (Ethiopia). Hosts: *Acacia catechu*. References: (hb) Schedl 1961k: 54S. (ds) Schedl 1961k: 54S, 1982b: 27S. (tx) Anderson, W. H. & Anderson 1971: 3; Eggers 1920: 120, 1927: 17S, 1935c: 304, 1936c: 35; Schedl 1961k: 54S, 1979c: 9.
- adscitus (Schedl)** 1950f: 46 (*Stephanoderes*). Holotype, sex?: Fiji Islands; Eggers Collection, in NHMW, Wien. Distribution: Fiji Islands. Hosts: *Acalypha* sp. References: (ds) Browne 1974a: 64. (tx) Schedl 1950f: 37, 46, 1979c: 12.
- aethiops (Schedl)** 1965g: 26 (*Lepicicroides*). Holotype, sex?: Congo ex belge, Yangambi; Schedl Collection in NHMW, Wien. Distribution: Africa (Zaire). Hosts: *Dichopetalum thonneri*. References: (tx) Schedl 1965g: 26, 1979c: 13.
- africanus (Hopkins)** 1915b: 30 (*Stephanoderes*). Holotype ♀; Capetown, South Africa; USNM, Washington. Distribution: Africa (South Africa), Antilles Islands (Bahama Islands/ Dominican Republic in Hispaniola/ Jamaica/ Puerto Rico/ Virgin Islands), Asia (Malaya), Indonesia (Java), North America (Belize/ Costa Rica/ Honduras/ Alabama, Louisiana in USA), South America (Brazil/ Venezuela). Hosts: Fruiting pods and twigs of trees, *Pyrus malus*. Notes: (3) Wood 1967b: 7S (a possible synonym of *setosus*). References: (hb) Wood, S. L. 1952b: 90S. (ds) Bright 1973: 1S, 1985c: 174; Schedl 1961k: 54S; Wood, S. L. 1977a: 70, 1982b: 90S. (tx) Bright 1985c: 174; Hopkins 1915b: 23, 30; Schedl 1961k: 54S; Wood, S. L. 1967b: 7S, 1982b: 90S.
- agnatus (Eggers)** 1924: 103 (*Stephanoderes*). Lectotype ♂; Elisabethville (Congo); USNM, Washington, designated by Anderson & Anderson 1971: 3. Distribution: Africa (Equatorial Guinea/ Fernando Po/ Namibia/ South Africa/ Tanzania/ Uganda/ Zaire/ Zambia), Madagascar. Notes: (1) Schedl 1979c: 15 (designation of lectotype invalid). References: (ds) Schedl 1961k: 549, 1977a: 62, 1982: 27S. (tx) Anderson, W. H. & Anderson 1971: 3; Eggers 1924: 103, 1927a: 197, 1940b: 102, 1940c: 235–236; Schedl 1939g: 170, 1939i: 35S, 1961k: 54S–549, 1962b: 67, 1977a: 62, 1979c: 15.
- alternatus (Eggers)** 1943c: 73 (*Stephanoderes*). Holotype, sex?: Zambeze (Environ de Sone, M. Soussou); MNHN, Paris. Distribution: Africa (Mozambique). References: (tx) Eggers 1943c: 73; Schedl 1961k: 549, 1979c: 17.
- amakusanus (Murayama)** 1934c: 2S7 (*Stephanoderes*). Holotype ♀; Kadoyama in Amakusa Is., Kinnamoto Pref., Kinshu; Murayama Collection in USNM, Washington. Distribution: Asia (Japan). Hosts: *Daphniphyllum glaucescens*. References: (cn) Anonymous 1980g. (ds) Anonymous 1980g; Murayama 1953c: 150, 1954b: 199; Nobuchi 1985c: 15. (tx) Murayama 1934a: 4, 1934c: 2S7–2S8, 1954b: 199.
- apicalis Wood** 1974a: 19. Holotype ♀; 3 km E Armeria, Colima, Mexico; Wood Collection. Distribution: North America (Colima, Oaxaca in Mexico). Hosts: Liana, shrub. References: (ds) Wood, S. L. 1982b: 8S3. (tx) Wood, S. L. 1974a: 19, 1982b: 8S3.
- arecae (Homung)** 1S42: 117 (*Bostrichus*). Lectotype ♀; Ostindien nuts intercepted in Germany; MNB, Berlin, designated by Wood 1974d: 2S2. Figures: Maiti & Saha 1986: 160 (adult, antenna). Distribution: Africa (Cameroon/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Liberia/ Nigeria/ Sierra Leone/ Uganda/ Zaire), Antilles Islands (Bahama Islands/ Martinique/ Puerto Rico/ Virgin Islands), Asia (Bangladesh/ Burma/ Andaman Islands, Assam, Bengal, Maharashtra, Punjab, Tamil Nadu, Uttar Pradesh in India/ Sri Lanka/ Thailand), Europe (intercepted in Austria, Germany), Hawaiian Islands, Indonesia (Sumatra), Marquesas Islands, Micronesia (Caroline Islands, Mariana Islands, Marshall Islands), New Caledonia, Nine Island, North America (S Florida in USA), Philippine Islands, South America (Brazil). Hosts: Numerous species of herbs, shrubs, and trees (Browne 1961c: 77–78); Schedl records are confused with those of *cruditus*. *Bosqueria angolensis*. Notes: (3) Schedl 1957d: 12 (*mayumbensis* Eggers, nomen nudum, synonymy). References: (cn) Grandi 1951; Kalshoven 1932: 242; Kleine 1932a: 29S; Mathur & Singh 1960a: 16; Mathur, Singh, & Lal 1955: 32; Schmitz & Crisinel 1957: 10; Sivaram 1980: 5S; Smith, J. B. 1900: 362. (cc) Felt 1906: 702; Wichmann 1955a: 96, 9S. (hb) Blandford 1894b; Browne 1961c: 77–78; Felt 1906: 702; Grandi 1951; Kleine 1932a: 29S; Lengerken 1939: 64, 1954: 84; Schmitz & Crisinel 1952: 10; Vayssiere 1923: 108; Yimms & Hua 1980: 22S. (ds) Atkinson & Equihua 1985c: 357; Beaver 1987b: 64, 1990a: 280; Beeson 1935a: 103, 1935b, 1935b: 2S8, 1961: 2S8; Blandford 1894b; Borchert 1951; Browne 1961c: 78, 1980b: 380; Estrada & Atkinson 1988: 209; Gemminger & Harold 1872: 2682; Hagedorn 1910d: 40, 1913b: 45–46; Heyden, Reitter, & Weise 1906: 711; Horion 1951; Kalshoven 1932:

242, 1958: 170; Kleine 1913b: 121, 1914b: 269, 288, 300, 307, 1932a: 298, 1934a: 145; LePelley 1965: 113; Lepesme et al. 1948: 615; Maiti & Saha 1980: 159; Mathur & Singh 1960a: 16; Mathur, Singh, & Lal 1958: 32; Pittioni 1943: 176; Reitter 1894a: 75, 1916: 290; Roba 1935: 338; Schedl 1980a: 16; Scheerpeltz & Winkler 1930: 257; Schilsky 1909: 188; Smith, J. B. 1900: 362; Stein & Weise 1877: 164; Sturm 1843: 230; Swaine 1909: 118; Vayssiere 1923: 108; Wichmann 1927a: 79, 1955a: 96, 98; Wood, S. L. 1957c: 1273, 1960a: 41, 1977a: 70, 1982b: 906; Yimus & Hua 1980: 228. **(tx)** Beaver 1991: 92; Beeson 1935a, 1935b; Blandford 1894b: 229–230, 1904: 229; Eggers 1908: 1, 1922a: 86, 1925: 153, 1929c: 55, 1936d: 626; Eichhoff 1878b: 165–166, 1896: 608; Fauvel 1884b: 315, 390; Ferrari 1867a: 17; Hagedorn 1910a: 85; Hopkins 1915b: 14, 1915c: 222; Hornung 1842: 117; Maiti & Saha 1980: 159; Numberg 1956a: 144; Portevin 1935: 325; Reitter 1894a: 75, 1902a: 141, 1913a: 73, 1916: 290; Schedl 1934f: 1640, 1935j: 1, 1942a: 169–170, 1942d: 2, 1950d: 19, 1950g: 895, 1953c: 288, 1954a: 139, 1957d: 12, 1980a: 16; Swaine 1909: 118; Wood, S. L. 1960a: 41, 1974d: 282, 1982b: 906.

cafer Blandford 1896f: 241. Syntypes 4, sex[?]; Noumea, New Caledonia; BMNH, London. Synonymy: Wood 1974d: 282.

References: **(ds)** Beaver 1976b: 536; Beeson 1935b: 288, 1940; Hagedorn 1910d: 46; Kalshoven 1958: 170; Kleine 1913b: 124, 1914b: 301, **(tx)** Beaver 1976b: 536; Beeson 1935b: 290, 1940: 198; Blandford 1896f: 241; Hagedorn 1910a: 88; Hopkins 1915b: 23; Schedl 1939f: 35; Wood, S. L. 1972f: 51, 1974d: 282.

fungicola Eggers 1908c: 216 (*Stephanoderes*). Holotype ♀; Java; Fiori Collection, Bologna. Synonymy: Eggers 1929c: 52, 55.

References: **(cn)** Kalshoven 1932: 242, **(ds)** Hagedorn 1910d: 43; Kalshoven 1932: 242; Kleine 1913b: 121, **(tx)** Eggers 1908c: 216, 1922a: 86, 1924: 153, 1929c: 55; Hagedorn 1910a: 86; Hopkins 1915b: 14.

polyphagus Eggers 1924: 104 (*Stephanoderes*). Syntypes, sex[?]; Congostaat; Mayumba and Barumba; MRCB, Tervuren, and 4 in Eggers Collection, in NHMW, Wien. Synonymy: Wood 1972f: 52.

Notes: (3) Schedl 1950: 15 (*mayumbensis* Eggers, nomen nudum).

References: **(cn)** Azavedo 1924a; Ghesquiere 1933a: 32–36, 1933b: 782–786; Magnin 1954: 468; Mayne & Donis 1951: 333; Schmitz & Crisinel 1957: 12, **(cc)** Mayne & Donis 1951: 33, 334; Schedl 1958d: 192, **(hb)** Schmitz & Crisinel 1957: 12, **(ds)** Hargreaves 1937: 509, **(tx)** Eggers 1924: 104; Numberg 1960a: 291, 1961b: 609; Schedl 1950c: 204, 1950k: 7, 15, 25, 1952g: 51, 1954e: 50, 70, 1957d: 12, 54,

1959q: 707, 1961k: 610, 1962k: 1070, 1965g: 20, 1979c: 119; Wood, S. L. 1957c: 1273, 1972f: 51.

hispidus Eggers 1925: 156 (*Stephanoderes*). Lectotype, sex[?]; Birma and India orient, both probably from Tenasserim; Eggers Collection, in NHMW, Wien, designated by Schedl 1979c: 119.

References: **(bv)** Schedl 1960f: 30, **(hb)** Browne 1961c: 75, **(ds)** Bredo 1934: 18; Browne 1961c: 78–79; Ghesquiere 1933a: 26–36, 1933b: 775–782; Hagedorn 1910d: 43; Lepesme 1948: 145; Schedl 1951c: 69, 1959a: 479, 1960f: 30, 1961j: 504, 1962i: 74, 1964c: 305, 1966b: 25, **(tx)** Eggers 1925: 156; Hagedorn 1910a: 86; Nobuchi 1953: 300; Schedl 1950c: 204, 1950k: 3, 17, 1950f: 36, 1953c: 288, 1954d: 871, 1954e: 50, 62, 1959a: 478–479, 1961k: 504, 1979c: 119; Wood, S. L. 1960a: 41–42.

heterolepsis Costa Lima 1928: 117. Syntypes, sex[?]; Bahia, Brasil; Collecao Entomologica do Instituto, Brazil. Synonymy: Wood 1972f: 52.

References: **(cn)** Costa Lima 1956, **(hb)** Costa Lima 1956, **(ds)** Blackwelder 1947; Costa Lima 1936, 1956; Kleine 1934a: 145; Schedl 1967d: 2, 1973d: 155, **(tx)** Costa Lima 1928: 117, 1956; Schedl 1948d: 35, 1951m: 71–73, 1952k: 159–160; Wood, S. L. 1972f: 52.

capitalis Beeson 1935: 102. Lectotype ♀; Hakehetan Valley 1000 feet, Uahuka; Vaipall Valley 800 feet, Marquesas Islands; BPBM, Honolulu. Synonymy: Wood 1982b: 906.

References: **(tx)** Beeson 1935: 102–103, 1935b: 289, 1940: 193; Wood, S. L. 1960a: 42, 1982b: 906.

cupolyphagus Beeson 1940: 193. Holotype ♀; Delhra Dum, United Provinces, India; FRI, Delhra Dum. Synonymy: Wood 1960a: 41.

References: **(cn)** Mathur & Singh 1960b: 86, 1961a: 13, 1961b: 13; Roonwal 1954: 37, **(ds)** Beeson 1935b: 298, 1961: 288; Bhasin, Roonwal, & Singh 1958; Mathur & Singh 1960b: 86, 1961a: 13, 1961b: 13; Roonwal 1954: 37, **(tx)** Beeson 1940: 193–195; Wood, S. L. 1960a: 41–42.

subvestitus Eggers 1940c: 232 (*Stephanoderes*). Holotype ♀; Mosolo Kwenge, Kwango, Congo; MRCB, Tervuren. Synonymy: Wood 1972f: 52.

References: **(cn)** Alvarado 1939b; Ghesquiere 1933a; Schmitz & Crisinel 1957: 12, **(cc)** Bredo 1934: 3–20, 1939: 266–307, **(hb)** Alvarado 1939b; Schmitz & Crisinel 1957: 12, **(ds)** Ghesquiere 1933a; Lepesme 1948: 145; Mayne & Donis 1962: 308; Roba 1935: 340; Thompson, G. H. 1963: 47, **(tx)** Eggers 1940c: 232; Lepesme 1948: 145; Schedl 1950c: 204, 1950k: 3, 17, 1954d: 871, 1954e: 49–50, 1959a: 478, 1961k: 504; Wood, S. L. 1972f: 51.

- bambesanus* Eggers 1940c: 232 (*Stephanoderes*). Holotype ♀; Congostaat: Bambesa; MRCB, Tervuren. 1 Eggers cotype in NHMW, Wien. Synonymy: Wood 1989: 173. References: (tx) Eggers 1940c: 232; Schedl 1950d: 3, 1961k: 469, 1979c: 33; Wood, S. L. 1989: 173.
- martiniquensis* Eggers 1941a: 99 (*Stephanoderes*). Holotype ♀; St. Pierre, Martinique; USNM, Washington. Synonymy: Wood 1972f: 52. References: (ds) Bright 1985c: 175. (tx) Anderson, W. H. & Anderson 1971: 19; Bright 1985c: 175; Eggers 1941a: 99; Schedl 1951m: 72, 1979c: 149; Wood, S. L. 1972f: 51.
- oahuensis* Schedl 1941f: 110. Syntypes ♀; Pihaihi, Oahu, Hawaiian Islands; BPBM, Honolulu. Synonymy: Wood 1960a: 41–42. References: (ds) Swezey 1941: 115. (tx) Schedl 1941f: 110, 1951k: 134, 1979c: 36; Wood, S. L. 1960a: 41–42.
- subglabratus* Schedl 1942c: 174. Holotype, sex?; Fiji; Schedl Collection in NHMW, Wien. Synonymy: Beaver 1991: 92. References: (ds) Browne 1974a: 64. (tx) Beaver 1991: 92; Schedl 1942c: 174, 1950f: 35, 1953c: 292, 1979c: 241.
- banhaniae* Schedl 1950d: 19. Lectotype, sex?; Sierra Leone, Njala; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 36. Synonymy: Wood 1989: 173. References: (hb) Schedl 1961k: 470. (ds) Beaver & Lottyniemi 1955a: 79; Browne 1980b: 352; Schedl 1961k: 470, 1962h: 55, 1962k: 1065. (tx) Schedl 1950d: 19, 1952j: 2, 1957d: 10, 1961k: 470, 1979c: 36; Wood, S. L. 1989: 173.
- occidentalis* Schedl 1954e: 76 (*Stephanoderes*). Lectotype, sex?; Mpraeso [Ghana]; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 177. Synonymy: Wood 1989: 173. References: (hb) Thompson, G. H. 1963: 66. (ds) Schedl 1961k: 605; Thompson, G. H. 1963: 66. (tx) Browne 1965: 188; Schedl 1954e: 49, 76, 1961k: 605, 1979c: 177; Wood, S. L. 1989: 173.
- artocurpi* Browne in Beaver & Browne 1978: 585. Holotype ♀; Malaysia: Penang, Penang Hill, 1500 feet; BMNH, London. Figures: Beaver & Browne 1978: 576. Distribution: Asia (Malaya/Thailand). Hosts: *Artocarpus elasticus*, *A. lanceifolius*, *A. rigidus*, *A. scortechinii*, *A. stictus*, *A.* sp., *Campnosperma* sp. References: (ce) Beaver 1979b: 295. (hb) Beaver 1979b: 298; Beaver & Browne 1978: 585. (ds) Beaver 1990a: 280. (tx) Beaver & Browne 1978: 576; Browne 1978: 585.
- arundinis* (Eichhoff) 1875b: 157 (*Stephanoderes*). Holotype, sex?; Italis (Pedemontina); IRSNB, Brussels. Distribution: Europe (Italy). References: (ce) Kleine 1905c: 157. (hb) Eichhoff 1881a: 47, 191. (ds) Hagedorn 1910d: 40–41; Heyden, Reitter, & Weise 1883: 152, 1891: 671, 1906: 711; Kleine 1913b: 121; Reitter 1894a: 73; Stein & Weise 1877: 164; Tredl 1907: 13. (tx) Eichhoff 1875a: 356, 1875b: 157, 1881a: 47, 185, 191, 1883a: 110, 134; Hagedorn 1910a: 55; Hopkins 1914b: 23, 1915b: 23; Reitter 1894a: 73, 1913a: 72; Schedl 1934f: 1640.
- ascitus* Wood 1971: 35. Holotype ♀; Puerto Viejo, Heredia Prov., Costa Rica; Wood Collection. Distribution: North America (Costa Rica/Panama). References: (hb) Wood, S. L. 1982b: 898. (ds) Wood, S. L. 1982b: 898. (tx) Wood, S. L. 1971: 35, 1982b: 898.
- ater* (Eggers) 1932c: 31 (*Stephanoderes*). Holotype, sex?; Congostaat (Arwimi; N' Gazi); MRCB, Tervuren. Figures: Numberg 1965b: 31. Distribution: Africa (Congo/ Fernando Po/ Gabon/ Ghana/ Ivory Coast/ Nigeria/ Sierra Leone/ Zaïre). Hosts: *Bauhinia tomentosa*, *Caloncoba walcovitchii*, *Carapa procera*, *Chrysophyllum lacourtianum*, *Pascocia* spp., *Pentaclethra macrophylla*, *Piptadenia africana*, *Theobroma cacao*. References: (cn) Ghesquiere 1933a: 31–36, 1933b: 752, 756; Gregory 1954. (ce) Schedl 1958d: 192. (hb) Roberts 1969: 129; Schedl 1961k: 448. (ds) Ghesquiere 1933a: 31–36, 1933b: 752, 756; Kleine 1934: 145; Mayne & Donis 1962: 313; Numberg 1965b: 31; Schedl 1961k: 448, 1971g: 192, 1972c: 280. (tx) Eggers 1927b, 1932c: 31–32; Numberg 1965b: 23, 31; Schedl 1939i: 380–381, 1950d: 20, 1961k: 448, 1962p: 204, 1965g: 23.
- aterrimus* Wood 1989: 178. Holotype, sex?; Ruanda: Ihembe; MRCB, Tervuren, automatic. Distribution: Africa (Ruanda in Zaïre). Hosts: *Microglossa volubilis*. References: (tx) Wood, S. L. 1989: 178, 1992b: 79.
- aterrimus* Schedl 1957d: 59 (*Lepicroides*). Holotype, sex?; Ruanda: Ihembe; MRCB, Tervuren, preoccupied by Schedl 1951. References: (ce) Schedl 1958d: 192. (tx) Schedl 1951m: 104, 1957d: 59, 1961k: 636, 1979c: 30; Wood, S. L. 1989: 178, 1992b: 79.
- aterrimus* (Schedl) 1951m: 104 (*Stephanoderes*). Syntypes, sex?; Bolivien, Cochabamba; Schedl Collection in NHMW, Wien. Distribution: South America (Bolivia). Notes: (1) Schedl 1979c: 30 (citation of holotype invalid). References: (hb) Schedl 1961k: 636. (ds) Schedl 1961k: 636. (tx) Schedl 1951m: 104, 1957d: 59, 1961k: 636, 1979c: 30.

atratus (Schedl) 1964j: 45 (*Stephanoderes*). Holotype, sex?; Congo, Yangambi; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaire).

Hosts: *Theobroma cacao*.

References: (tx) Schedl 1964j: 45, 1979c: 30–31.

balachowskyi Menier 1973: 141. Holotype ♂; Madagascar Sud, 25 km a l'Est de Tulear sur la route de Tananarive; MNHN, Paris.

Distribution: Madagascar.

Hosts: *Euphorbia ouococlada*.

References: (tx) Menier 1973: 141.

baloghi (Schedl) 1967e: 226 (*Stephanoderes*). Holotype ♀; Kindamba, Mexa, Loulo River, Congo; NHMB, Budapest.

Distribution: Africa (Zaire).

References: (tx) Schedl 1967e: 226–227, 1979c: 33.

bambusae Browne 1980: 775. Holotype, sex?; Zaire; Kilindera, 2750 m, face N, Ruwenzori; BMNH, London.

Distribution: Africa (Zaire).

Hosts: Bamboo.

References: (tx) Browne 1980: 775.

bauhaniae Schedl 1950d: 20 (*Stylotenus*). Lectotype, sex?; Sierra Leone, Njala; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 36.

Distribution: Africa (Ghana/ Ivory Coast/ Sierra Leone/ Zaire).

Hosts: *Bauhania tomentosa*, *Manihot utilissima*, *Saccharum spontaneum*.

References: (tx) Browne 1965: 188; Schedl 1950d: 19–20, 1952g: 51, 1952j: 2, 1957d: 10, 1961k: 451, 470, 1962k: 1068, 1979c: 36.

bezaziani Peyerimhoff 1935: 192. Syntypes 6, sex?; Perregaux (dep d'Oran), Algeria, Maison-Blanche pres Alger; MNHN, Paris.

Distribution: Africa (Algeria).

Hosts: *Epischlia* sp., *Juglans nigra*.

References: (ds) Peyerimhoff 1935: 192, (tx) Balachowsky 1949a: 205; Peyerimhoff 1935: 192–193.

bicinctus Schedl 1959a: 479. Syntypes ♀; Ceylon; Millawitiya Estate; Schedl Collection in NHMW, Wien.

Distribution: Sri Lanka.

Notes: (1) Schedl 1979c: 37 (citation of holotype invalid).

References: (ds) Schedl 1959a: 479, (tx) Schedl 1959a: 479, 1979c: 37.

bidens Browne 1973a: 255. Holotype ♀; Zaire; Lovanium (Kinshasa); MRCB, Tervuren.

Distribution: Africa (Zaire).

References: (tx) Browne 1973a: 255.

birmanus (Eichhoff) 1878b: 486 (*Triarmocerus*). Holotype ♀; Birma; Dohrn Collection at Stettin Museum, now in Schedl Collection in NHMW, Wien.

Figures: Maiti & Saha 1986: 163 (adult).

Distribution: Antilles Islands (Cuba/ Jamaica),

Asia (Bangladesh/ Bonin Islands/ Burma/ Hong Kong in China/ Andaman Islands, Madhya Pradesh, Uttar Pradesh in India/ Japan/ Malaya/ Pakistan/ Sri Lanka/ Thailand/ Vietnam), Australia (Queensland), Cook Islands (Barotonga), Fiji Islands, Indonesia (Sarawak in Borneo, Celebes, Java, Sumatra), Hawaiian Islands, Madagascar, Micronesia (Guam), New Caledonia, New Guinea, Nine Island, North America (Costa Rica/ Colima in Mexico/ Panama/ Florida in USA), Philippine Islands, Samoan Islands, Society Islands, South America (Galapagos Islands).

Hosts: *Acras sapota*, *Adenanthera pavonia*, *Annona* sp., *Ardesia paniculata*, *Cassia florida*, *Dalbergia gastrophylum*, *Eucalyptus trachyphloia*, *Eugenia buxifolia*, *Ficus aurea*, *Litchi chinensis*, *Mangifera indica*, *Melia azedarack*, *Ocotea catesbyana*, *Persca borbonica*, *Phelocarpus scptrionalis*, *Prius domesticus*, *Quercus* spp., *Rhizophora mangle*, *Swietenia macrophylla*, *Trema floridana*, *Vitis* sp.

Notes: (3) Schedl 1942b: 148 (holotype compared to specimen from Guam).

References: (bv) Gray, B. 1974c, (cn) Anonymous 1966j, 1967m, 1969g; Bigger 1952: 257; Browne 1965: 353; Low Chong Moi 1975, (ce) Equilua & Atkinson 1956: 630, (hb) Beaver 1976b: 534, 1957a: 18; Beaver & Browne 1975: 589; Beaver & Loytyniemi 1955a: 80; Browne 1961c: 71, 1965: 353; Deyrup & Atkinson 1957a: 66; Equilua & Atkinson 1956: 630; Gray, B. 1974c; Kalshoven 1955b: 168; Schedl 1977a: 65; Yunus & Hua 1980: 229, (ds) Anonymous 1966j, 1967m, 1969g, 1974j; Atkinson & Equilua 1955c: 356; Beaver 1976b: 534, 1957a: 18, 1957b: 64; Beaver & Browne 1975: 589; Beaver & Loytyniemi 1955a: 80; Beeson 1933: 11, 1935: 255–259, 1940: 197–198, 1941: 357; Blackburn & Sharp 1885: 192–194; Bright 1972d: 53, 1955c: 174; Browne 1961c: 71, 1965b: 188, 1965c: 353, 1970: 556, 1974a: 64, 1984a: 353; Deyrup & Atkinson 1957a: 66; Equilua & Atkinson 1956: 630; Fumasaki 1967: 332; Hagedorn 1910d: 44, 46; Kleine 1913b: 126, 1914b: 278; Low 1975; Maiti & Saha 1986: 162; Mathew 1952, 1957: 188; Murayama 1934: 287–288, 1936: 127, 1939: 237; Nobuchi 1955c: 15; Nobuchi & Ono 1973: 181; Perkins 1900: 150; Peter, Bagle, & Balasubramanian 1984; Schedl 1934f: 1640, 1960f: 172, 1962b: 156, 1964c: 304, 1965g: 25, 1966b: 28, 1977a: 65; Swezey 1954: 145; Wood, S. L. 1957c: 402, 1960a: 35, 1977a: 70, 1982b: 586; Yunus & Hua 1980: 229, (tx) Blandford 1894c: 579; Bright 1972d: 53, 1955c: 174; Browne 1970: 556; Costa Lima 1928: 123, 1936: 357; Eggers 1925: 153, 1927: 406, 1935: 153; Eichhoff 1878a: 384, 1878b: 486; Hagedorn 1910a: 81; Hopkins 1915b: 23–24; Maiti & Saha 1986: 162; Michalski 1969b: 570; Nobuchi 1953: 300; Sampson 1914: 379; Schedl 1934g: 177, 1939c: 327, 1939f: 34–35, 1940a: 322, 1941f: 111,

1912b: 147–148, 1951k: 135, 1960c: 172, 1962r: 89, 1965g: 25, 1967f: 163, 1971a: 274, 1971c: 272, 1971f: 148, 1977a: 65, 1979c: 40; Wood, S. L. 1957c: 402, 1960a: 35–37, 1972f: 43, 1982b: 886. *maculicollis* Sharp 1879: 101. Syntypes, sex?;

Oahu, Hawaiian Islands: BMNH, London. Synonymy: Browne 1970: 556, Wood 1972f: 43. References: (ds) Beeson 1938b: 289; Brimblecombe 1953: 26; Hagedorn 1910d: 44; Kleine 1913b: 124, 1914b: 302; Perkins 1900: 180; Swezey 1941: 119, 1954: 145, (tx) Browne 1970: 556; Hagedorn 1910a: 57; Hopkins 1915b: 23; Schedl 1934g: 177, 1941f: 111, 1951k: 135; Sharp 1879: 101, 1892: 194; Wood, S. L. 1960a: 37, 1972f: 43.

peritus Blandford 1894d: 84. Holotype ♀; Nagasaki, Japan: BMNH, London. Synonymy: Browne 1970: 556.

References: (cn) Ebeling 1959, (ds) Blandford 1894c; Ebeling 1959; Hagedorn 1910d: 44; Kleine 1913b: 121, 1914b: 251; Lever 1943a: 82; Murayama 1936a: 127, 1951c: 3, 1954b: 199; Nobuchi 1966b: 22, (tx) Blandford 1894d: 84; Browne 1970: 556; Hagedorn 1910a: 57; Hopkins 1915b: 24; Murayama 1934c: 287–288, 1936a: 127, 1953: 10, 1954b: 199; Nobuchi 1966b: 22; Schedl 1934f: 1640.

farinosus Blandford 1896f: 241. Syntypes 2, sex?; Noumea [New Caledonia]: BMNH, London. Synonymy: Browne 1970: 556.

References: (ds) Anonymous 1964k, 1965e, 1965g; Beeson 1938b; Hagedorn 1910d: 43; Kleine 1913b: 124, 1914b: 301; Nakao 1965: 30, (tx) Blandford 1896f: 241; Browne 1970: 556; Hagedorn 1910a: 86; Hopkins 1915b: 23.

validus validus Sampson 1914: 385. Holotype ♀; Seychelles, Silhouette; Mare aux Cochons over 100 ft.: BMNH, London.

References: (ds) Sampson 1914: 385, (tx) Browne 1970: 556; Sampson 1914: 385.

perkinsi Hopkins 1915b: 31 (*Stephanoderes*). Holotype ♀; Honolulu, Hawaii: USNM, Washington. Synonymy: Wood 1972f: 43.

References: (ds) Kleine 1934a: 145, (tx) Hopkins 1915b: 23, 31; Wood, S. L. 1972f: 43.

sterculiæ Hopkins 1915b: 32 (*Stephanoderes*). Holotype ♀; Calapan, P.I.: USNM, Washington. Synonymy: Wood 1972f: 43.

References: (ds) Kleine 1934a: 145; Schedl 1966b: 29, (tx) Beeson 1933: 11; Hopkins 1915b: 24, 32; Nobuchi 1983: 300; Wood, S. L. 1972f: 43.

psidii Hopkins 1915b: 32 (*Stephanoderes*). Holotype ♀; Calapan, P.I.: USNM, Washington. Synonymy: Wood 1972f: 43.

References: (ds) Kleine 1934a: 145; Schedl 1966b: 29, (tx) Beeson 1933: 11; Hopkins 1915b: 24, 32; Nobuchi 1983: 300; Wood, S. L. 1972f: 43.

alter Eggers 1923a: 219 (*Stephanoderes*). Syntypes 10 ♀; New Guinea (Augustafniss),

Rahm, Neu Pommern (New Britannien), Philippinen (Los Banos), Borneo (Sarawak); MNB, Berlin, SMTD, Dresden, MCG, Genova, USNM, Washington. Synonymy: Wood 1960a: 35.

References: (cn) Mathur & Singh 1961a: 79; McIntosh 1949: 46, (hb) Beeson 1933: 11; Yunus & Hua 1950: 229, (ds) Beeson 1933: 11, 1938b: 290, 1961: 298; Mathur & Singh 1961a: 79; Schedl 1959a: 484, 1961c: 71, 1962b: 186; Yunus & Hua 1950: 229, (tx) Beeson 1933: 11; Eggers 1923a: 219, 1927b: 406, 1936d: 624, 628; Michalski 1969b: 570; Schedl 1939e: 327, 329, 1939f: 35, 1939i: 350, 1940b: 434, 1942d: 2–3, 1950f: 37, 45, 1953b: 124, 1958b: 100, 1959a: 484; Wood, S. L. 1960a: 35.

uter Eggers 1923a: 219 (*Stephanoderes*). Syntypes 3, sex?; New Guinea (Andai und Waigmina) und Australien (Somerset). Synonymy: Browne 1970: 556.

References: (tx) Beeson 1933: 11; Eggers 1923a: 219, 1936d: 627–628; Schedl 1942d: 19, 1950d: 20.

nibarani Beeson 1933: 10 (*Stephanoderes*). Holotype ♀; Madras: North Salem Division, Jawalagiri; FRI, Dehra Dun. Synonymy: Wood 1989: 174.

References: (cn) Roonwal 1954: 73, (ds) Beeson 1961: 299; Roonwal 1954: 73, (tx) Beeson 1933: 10; Schedl 1940d: 591, 1942c: 178, 1942d: 20; Wood, S. L. 1989: 174.

ampliatus Eggers 1936d: 627 (*Stephanoderes*). Holotype, sex?; Brit. Indien (Mysore: Jakkur); BMNH, London, 1 Eggers cotype, in NHMW, Wien. Synonymy: Wood 1989: 174.

References: (tx) Eggers 1936d: 627–628; Schedl 1979c: 19; Wood, S. L. 1989: 174.

pacificus Beeson 1940: 197 (*Stephanoderes*). Holotype ♀; Henderson Island; northwest side; BPBM, Honolulu. Synonymy: Wood 1960a: 35. References: (tx) Beeson 1940: 197; Wood, S. L. 1960a: 37.

castaneus Wood 1954a: 1027 (*Stephanoderes*). Holotype ♀; Homestead, Florida [USA]; SMUK, Lawrence. Synonymy: Wood 1960a: 35. References: (hb) Wood, S. L. 1953: 135, 1954a: 1027, (tx) Wood, S. L. 1953: 135, 1954a: 1027, 1957c: 402, 1960a: 35–37.

biserialatus (Eggers) 1919: 240 (*Stephanoderes*). Lectotype ♀; Kilossa, Deutsch-Ostafrika; USNM, Washington, designated by Anderson & Anderson 1971: 6.

Distribution: Africa (Cameroon/ Ghana/ Kenya/ Mauritius/ Mozambique/ Sierra Leone/ South Africa/ Tanzania/ Uganda/ Zaïre), Reunion Island. Hosts: *Acacia sieberiana*, *Albizia* spp., *Baphia pubescens*, *Cassia siamca*, *Chlorophora excelsa*, *Chrysophyllum lacourtiannum*, *Dialium pachyphyllum*, *Gilbertiodendron deweyeri*, *Hecca*

brasilienis, *Hylodendron gabuense*, *Musanga cecropioides*, *Paropsia schliebeniana*, *Pentaclethra macrophylla*, *Piptadenia africana*, *Tetrapleura tetraptera*, *Trema guineensis*.

References: **(bv)** Schedl 1960f: 78. **(cn)** Ghesquiere 1933a: 35, 1933b: 782; Mayne & Donis 1951: 333; Schmitz & Crisinel 1957: 12. **(ce)** Mayne & Donis 1951: 33. **(hb)** Schmitz & Crisinel 1957: 12. **(ds)** Gardiner 1957a: 32; Ghesquiere 1933a: 35, 1933b: 782; Kleine 1934a: 145; Mayne & Donis 1962: 311; Schedl 1959g: 705, 1960f: 31, 1961k: 553, 1967e: 221, 1969d: 7, 1977a: 69; Wichmann 1954: 514. **(tx)** Anderson, W. H. & Anderson 1971: 6; Eggers 1919: 240, 1924: 110, 1932c: 31, 1943c: 74; Schedl 1950c: 204, 1950d: 18, 1952j: 8, 1959g: 705, 1961k: 553, 1967e: 211, 1969d: 7–10, 1977a: 69.

bolivianus (Eggers) 1931b: 29 (*Stephanoderes*). Holotype ♀: Cochabamba, Bolivia; USNM, Washington.

Figures: Pedrosa-Macedo & Schonherr 1985: 46. Distribution: North America (Costa Rica), South America (Bolivia/ Brazil).

Hosts: *Guatteria* sp., *Pouteria* sp., *Protium* sp.

References: **(hb)** Beaver 1974a. **(ds)** Beaver 1974a; Blackwelder 1947: 777; Bright 1972d: 56; Numberg 1958a: 481; Pedrosa-Macedo & Schonherr 1985: 46; Schedl 1966f: 84, 1973d: 154. **(tx)** Anderson, W. H. & Anderson 1971: 7; Bright 1972d: 56; Eggers 1931b: 29, 1934a: 79; Numberg 1958a: 481; Pedrosa-Macedo & Schonherr 1985: 46; Schedl 1951m: 71, 1979c: 43.

brevicollis (Eggers) 1927a: 177 (*Stephanoderes*). Holotype, sex?: Ostafrika: Kinniba Muansa; Eggers Collection, in NHMW, Wien.

Distribution: Africa (Kenya/ Mozambique/ South Africa/ Tanzania), Madagascar.

References: **(ds)** Schedl 1961k: 555, 1977a: 70. **(tx)** Eggers 1927a: 177, 1935a: 304, 1936c: 36; Schedl 1950d: 18, 1961k: 555, 1977a: 70, 1979c: 46.

brevis (Eggers) 1932c: 30 (*Stephanoderes*). Holotype, sex?: Congostaat (Katanga, Prov. Katanga); MRCB, Tervuren.

Distribution: Africa (Zaire).

References: **(tx)** Eggers 1932c: 30; Schedl 1961k: 555.

browniei Beaver 1991: 53. Holotype ♀; Malaysia: Penang, Georgetown; BMNH, London, automatic.

Figures: Beaver & Browne 1978: 576.

Distribution: Asia (Malaya).

References: **(tx)** Beaver 1991: 53.

striatulus Browne in Beaver & Browne 1978: 584 (*Cryphalomorphus*). Holotype ♀; Malaysia: Penang, Georgetown; BMNH, London, pre-occupied by Schedl 1942.

References: **(tx)** Beaver 1991: 53; Beaver & Browne 1978: 576, 584.

brunneus (Hopkins) 1915b: 31 (*Stephanoderes*). Holotype ♀; Brownsville, Texas [USA]; USNM, Washington.

Figures: Bright 1972d: 59.

Distribution: Antilles Islands (Bahama Islands: Cuba/ Guadeloupe/ Jamaica/ Puerto Rico; Trinidad/ Virgin Islands), North America (Honduras/ Colima, Jalisco, Nayarit, Oaxaca, Puebla, Sinaloa, Sonora, Tamaulipas, Veracruz, Yucatan in Mexico; Panama/ Alabama, Florida, Texas in USA; South America (Galapagos Islands)).

Hosts: *Acacia farnesiana*, *Albizia labbekoides*, *Amona* sp., *Ardesia paniculata*, *Bauhinia grandiceps*, *Berria amonilla*, *Cajanus cajan*, *Cantavalia* sp., *Celtis iguana*, *C. lacvigata*, *Clematis* sp., *Condalia obtusifolia*, *Dalbergia ecastophyllum*, *Ficus* sp., *Galactia spiciformis*, *Giricidia sepium*, *Grewia asiatica*, *Hocueia dulcis*, *Ichthyomethia communis*, *Leucania glauca*, *Lysiloma bahamensis*, *Mimosa* sp., *Ocotea catesbyana*, *Poinsettia heterophylla*, *Sevjanja* sp., *Trema floridana*, *Vachellia farnesiana*.

References: **(ce)** Equilma & Atkinson 1986: 630. **(hb)** Chamberlin 1939: 309; Deyrup & Atkinson 1957a: 66; Equilma & Atkinson 1956: 630; Wood, S. L. 1953: 142, 1954a: 1031. **(ds)** Atkinson & Equilma 1985c: 357; Blackwelder 1947: 777; Bright 1972d: 54, 1985c: 174; Chamberlin 1939: 309; Deyrup & Atkinson 1957a: 66; Equilma & Atkinson 1986: 630, 1988: 209; Ferrer 1942; Kirkendall 1984: 242; Leng 1920: 340; Martorell 1945: 468–469; Wolcott 1936: 317; Wood, S. L. 1977a: 70, 1982b: 910. **(tx)** Bright 1972d: 54, 59, 1985c: 174; Chamberlin 1939: 309; Hopkins 1915b: 23, 31; Schedl 1940a: 342; Wood, S. L. 1953: 142, 1954a: 959, 1018, 1031, 1977b: 208, 1982b: 910.

frontalis Hopkins 1915b: 31 (*Stephanoderes*). Holotype ♀; Brownsville, Texas [USA]; USNM, Washington. Synonymy: Wood 1954a: 1031.

References: **(hb)** Chamberlin 1939: 309. **(ds)** Blackwelder 1947: 778; Chamberlin 1939: 309; Ferrer 1942; Leng 1920: 340. **(tx)** Chamberlin 1939: 309; Hopkins 1915b: 23, 31; Schedl 1940a: 342; Wood, S. L. 1954a: 959, 1031.

cryphalomorphus Schedl 1939n: 14. Holotype ♀; Trinidad, British West Indies; BMNH, London. Synonymy: Wood 1977b: 208.

References: **(ds)** Blackwelder 1947: 777. **(tx)** Schedl 1939n: 14; Wood, S. L. 1977b: 208.

bituberculatus Eggers 1940a: 126 (*Stephanoderes*). Holotype ♀; Env. de Trois Rivières, Guadeloupe; MNHN, Paris. Synonymy: Wood 1977b: 208.

References: **(tx)** Eggers 1940a: 126, 1979c: 41; Wood, S. L. 1977b: 208.

californicus Hopkins 1915b: 19. Holotype ♀; Pomona, California [USA]; USNM, Washington. Distribution: Africa (Liberia), Asia (Israel/Korea), North America (Meliaceae, Mexico, Tamaulipas in Mexico/ California, District of Columbia, Florida, Illinois, Indiana, Kansas, Kentucky, Maryland, Missouri, New Jersey, North Carolina, South Carolina, Tennessee, Texas, Virginia in USA), South America (Brazil).

Hosts: *Aloe vera*, *Bauhinia alba*, *Bidens pilosa*, *Boehmeria scabra*, *Cajanus cajan*, *Cappria bifolia*, *Galactia spiciformis*, *Ipomoea cathartica*, *I. litoralis*, *Iva imbricata*, *Melastomum* sp., *Mangifera indica*, *Paspalum vaginatum*, *Quisqualis indica*, *Salix babylonica*, *Uniola paniculata*, *Verbena* sp., *Zea mays*.

Notes: (3) This species was probably introduced to America from Africa or SW Asia; synonymy with other species, possibly *leprieuri*, is expected.

References: (ec) Equilua & Atkinson 1956: 631. (hb) Bright & Stark 1973: 69; Burgos & Saucedo 1953: 106; Chamberlin 1939: 294; Deyrup & Atkinson 1957a: 66; Equilua & Atkinson 1956: 631; Wood, S. L. 1953: 190, 1954a: 1053, 1952b: 897. (ds) Atkinson & Equilua 1955c: 357; Atkinson et al. 1956: 64; Bright & Stark 1973: 69; Burgos & Saucedo 1953: 106; Chamberlin 1939: 294; Choo 1953: 65; Choo & Woo 1955: 164; Choo, Woo, & Park 1953: 174; Deyrup 1951b: 7; Deyrup & Atkinson 1957a: 66; Equilua & Atkinson 1956: 631; Kirk 1970; Leng 1920: 340; Weber, B. C. & McPherson 1991: 49, 54; Wood, S. L. 1977a: 70, 1952b: 897. (tx) Chamberlin 1939: 294; Choo 1953: 65; Hopkins 1915b: 14, 19; Wood, S. L. 1953: 190, 1954a: 979, 1053, 1972f: 44, 1952b: 897.

triticii Hopkins 1915b: 19. Holotype ♀; Dallas, Texas [USA]; USNM, Washington. Synonymy: Wood 1954a: 1055.

References: (hb) Chamberlin 1939: 295; Wood, S. L. 1953: 192, 1954a: 1055. (ds) Chamberlin 1939: 295; Kleine 1934a: 144; Leng 1920: 340. (tx) Chamberlin 1939: 295; Hopkins 1915b: 14, 19; Wood, S. L. 1953: 192, 1954a: 1055, 1972f: 44.

thoracicus Hopkins 1916: 598. Holotype ♀; Clark Co., Indiana [USA]; USNM, Washington. Synonymy: Wood 1954a: 1055, 1952b: 897.

References: (hb) Chamberlin 1939: 294. (ds) Chamberlin 1939: 294; Leng 1920: 340. (tx) Chamberlin 1939: 294; Hopkins 1916: 598; Wood, S. L. 1954a: 959, 1055.

zcae Schedl 1973d: 169 (*Stephanoderes*). Holotype ♀; Brasiliën, Sao Paulo, Pinhal; MZUSP, Sao Paulo. Synonymy: Wood 1989: 174.

References: (ds) Schedl 1973d: 155, 169, 1979c: 270; Wood, S. L. 1989: 174.

camerunus (Eggers) 1922b: 167 (*Stephanoderes*). Holotype, sex?; Joko (Kamerun); Eggers Collection.

Figures: Numberg 1960a: 290, 292, 1960b: 29.

Distribution: Africa (Angola/ Cameroon/ Congo/ Ghana/ Ivory Coast/ Sierra Leone/ Tanzania/ Uganda/ Zaire).

Hosts: *Acacia* spp., *Albizia* spp., *Baphia pubescens*, *Celtis soyauxii*, *Chrysothamnium* sp., *Dialium* sp., *Gilbertiodendron* sp., *Hevea* sp. See also Brownie 1963a: 233.

Notes: (1) Neither Anderson & Anderson 1971 nor Schedl 1979c mention this holotype; however, Schedl 1979c: 51 mentions a cotype in NHMW, Wien, although no cotypes were designated. This specimen could be the type on loan to Schedl.

References: (hb) Brownie 1963a: 223; Schedl 1961k: 555; Thompson, G. H. 1963: 66. (ds) Brownie 1955: 188, 1963a: 233; Ferreira 1965: 114; Gardner 1957a: 32; Mayne & Donis 1960: 104, 1962: 311; Schedl 1959p: 17, 1961k: 555, 1964j: 40, 1965f: 4, 1967e: 211; Thompson, G. H. 1963: 66. (tx) Eggers 1922b: 167, 1924: 111, 1927a: 198, 1941a: 99; Schedl 1954e: 49–50, 1961k: 555, 1962h: 69, 1962k: 1069, 1979c: 51.

brunnicipes Numberg 1960a: 289 (*Stephanoderes*).

Holotype, sex?; Uganda: Bugiri, 1400 m; MRCB, Tervuren. Synonymy: Schedl 1962k: 1069.

References: (tx) Numberg 1960a: 289–290, 292, 1960b: 29; Schedl 1962h: 64, 1962k: 1069.

carbonarius (Eggers) 1943e: 73 (*Stephanoderes*).

Holotype ♀; Mozambique (Vila Pery); MNHN, Paris. 1 Eggers cotype, in NHMW, Wien.

Distribution: Africa (Mozambique/ South Africa).

Hosts: *Gossypium hirsutum*.

References: (ds) Schedl 1952: 278. (tx) Eggers 1943e: 73; Schedl 1950d: 24, 1957b: 150, 1961k: 557, 1979c: 53.

ceibae Hopkins 1915b: 20. Holotype ♀; Caymanas, Cuba; USNM, Washington.

Distribution: Antilles Islands (Cuba/ Granada/ Puerto Rico).

Hosts: *Ceiba* sp.

References: (ds) Blackwelder 1947: 777; Bright 1955c: 174; Kleine 1934a: 143; Leng & Mutcller 1917: 219. (tx) Bright 1955c: 174; Hopkins 1915b: 15, 20.

colae (Schedl) 1957d: 54 (*Stephanoderes*). Holotype ♀; Congo Belge; Yanganbi; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: *Cola congolana*, *C. griseiflora*, *Duboscia viridiflora*.

References: (cc) Schedl 1958d: 190–191. (hb) Schedl 1961k: 558. (ds) Schedl 1961k: 558. (tx) Schedl 1957d: 54, 1961k: 558, 1979c: 59.

columbi Hopkins 1915b: 18. Holotype ♀; Columbus, Texas [USA]; USNM, Washington.

Distribution: Antilles Islands (Bahama Islands/ Cuba), North America (Belize/ Costa Rica/ Colima, Nayarit, Sinaloa, Veracruz in Mexico/ Panama/ Florida, Georgia, Louisiana, Mississippi,

- South Carolina, S Texas in USA), South America (Colombia/Venezuela).
 Hosts: *Bauhinia alba*, *Citrus auratifolia*, *Ficus* sp., *Ichthyomethia communis*, *Morus rubra*, *Quercus* spp., *Salix* sp., *Serjania* sp.
 References: (ce) Equihua & Atkinson 1986: 631. (hb) Chamberlin 1939: 294; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 631; Wood, S. L. 1953: 208, 1954a: 1062. (ds) Atkinson & Equihua 1985c: 357; Bright 1985c: 174; Chamberlin 1939: 294; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 631; Estrada & Atkinson 1988: 209; Kirkendall 1984: 242; Leng 1920: 340; Wood, S. L. 1977a: 70, 1982b: 907. (tx) Bright 1985c: 174; Chamberlin 1939: 294; Hopkins 1915b: 14, 18; Wood, S. L. 1953: 208, 1954a: 959, 1062, 1982b: 907.
- abdominalis* Hopkins 1915b: 18. Holotype ♀: Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1954a: 1062.
 References: (ds) Blackwelder 1947: 777; Leng & Mutchler 1917: 219. (tx) Hopkins 1915b: 14, 18; Wood, S. L. 1954a: 1062.
- brunnicapennis* Hopkins 1915b: 18. Holotype ♀: Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1954a: 1062.
 References: (ds) Blackwelder 1947: 777; Leng & Mutchler 1917: 219. (tx) Hopkins 1915b: 14, 18; Wood, S. L. 1954a: 959, 1062.
- vifopalhiatus* Hopkins 1915b: 18. Holotype ♀: Charleston, South Carolina [USA]; USNM, Washington. Synonymy: Wood 1954a: 1062.
 References: (hb) Chamberlin 1939: 294. (ds) Blatchley & Leng 1916: 598; Chamberlin 1939: 294; Kirk 1969; Kleine 1934a: 144; Leng 1920: 340. (tx) Blatchley & Leng 1916: 598; Chamberlin 1939: 294; Hopkins 1915b: 14, 18; Wood, S. L. 1954a: 959, 1062.
- amplipennis* Hopkins 1915b: 19. Holotype ♀: Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1954a: 1062.
 References: (cn) Souphieff & Scherbinovskaja 1937: 81. (ds) Blackwelder 1947; Leng & Mutchler 1917: 219; Souphieff & Scherbinovskaja 1937: 81. (tx) Hopkins 1915b: 14, 19; Wood, S. L. 1954a: 1062.
- comosus** Bright 1972d: 50. Holotype ♀; Clydesdale, St. Andrew Parish, Jamaica; CNCI, Ottawa.
 Distribution: Antilles Islands (Jamaica).
 References: (ds) Bright 1985c: 174. (tx) Bright 1972d: 50, 1985c: 174; McNamara 1977: 196.
- concolor** Hagedorn 1909a: 744. Syntypes, sex?; Kamerun; MNB, Berlin.
 Figures: Schedl 1961k: 452.
 Distribution: Africa (Cameroon/ Canary Islands/ Congo/ Ghana/ Ivory Coast/ Uganda/ Zaïre).
 Hosts: *Aucoumea klaineana*, *Bussea occidentalis*, *Pancovia laurentii*, *Pentaclethra macrophylla*, *Synsepalum longecuneatum*, *Terminalia superba*, *Theobroma cacao*.
 References: (cn) Ghesquiere 1933a: 32–36, 1933b: 783, 786; Magnin 1954: 468. (hb) Browne 1963: 234; Roberts 1969: 129; Schedl 1961k: 451. (ds) Browne 1963a: 234, 1970: 540; Ghesquiere 1933a: 32–36, 1933b: 783, 786; Hagedorn 1910d: 41; Kleine 1913b: 124, 1914b: 310; Mayne & Donis 1962: 314; Schedl 1961k: 451, 1962l: 58, 1962k: 1068, 1964f: 618. (tx) Eggers 1919: 243, 1924: 102, 1932c: 31–32; Hagedorn 1909a: 744, 1910a: 86; Schedl 1939i: 380–381, 1950d: 20, 1954d: 871, 1961k: 451–452, 634.
- confusus** (Eggers) 1940c: 235 (*Stephanoderes*). Holotype, sex?; S. Rhodesia; Salisbury; Eggers Collection, in NHMW, Wien.
 Distribution: Africa (Namibia/ South Africa/ Tanzania/ Zambia/ Zimbabwe).
 References: (ds) Beaver & Loytyniemi 1989; Schedl 1961k: 560. (tx) Beaver & Loytyniemi 1989; Eggers 1940c: 235; Schedl 1957b: 150, 1961k: 560, 1979c: 62.
- corni** Kurenzov 1941a: 162. Syntypes, sex?; Iman and Khor rivers, Ussuri, USSR; ISBN, Novosibirsk, and IZL, Leningrad.
 Figures: Michalski 1969b: 568.
 Distribution: Asia (Sakhalin Island, E USSR).
 Hosts: *Cornus tataricum*.
 Notes: (1) Two specimens deposited by Kurenzov in the Wood Collection are of *Ernoporicus* [confirmation is needed].
 References: (cn) Kurenzov 1956a: 86, 102. (hb) Stark 1952: 283. (ds) Krivolutskaya 1958: 139, 1983; Kurenzov 1951b: 17; Stark 1952: 283. (tx) Kurenzov 1941a: 162–163; Michalski 1969a: 893, 1969b: 568; Stark 1952: 283.
- cosmoderoides** Murayama 1961b: 30. Holotype ♀; Noo, south part of Niigata prefecture, Japan; Murayama Collection in USNM, Washington.
 Distribution: Asia (Honshu in Japan).
 References: (ds) Nobuchi 1985c: 15. (tx) Murayama 1961b: 30.
- costatus** (Eichhoff) 1875a: 356 (*Stephanoderes*). Syntypes, sex?; America septentrionalis (Venezuela); Hamburg Museum, lost.
 Distribution: South America (Venezuela).
 References: (ds) Blackwelder 1947: 777; Hagedorn 1910d: 41; Kleine 1913b: 121, 1914b: 339. (tx) Eichhoff 1875a: 356, 1878b: 154; Hagedorn 1910a: 86; Hopkins 1915b: 24.
- criticus** (Schedl) 1937b: 398 (*Cryphalus*). Lectotype, sex?; Belgisch-Kongo, Stanleyville; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 70.
 Distribution: Africa (Cameroon/ Ghana/ Uganda/ Zaïre).
 Hosts: *Beilschmiedia corbisicri*, *Paropsia schliebeniana*, *Theobroma cacao*, *Tridestmostemon claessensii*.

References: (**hb**) Schedl 1961k: 453–454. (**ds**) Mayne & Donis 1962: 314; Schedl 1961k: 453, 1964f: 618, 1967e: 210, 1972e: 280. (**tx**) Schedl 1937b: 398, 1957d: 10, 1961k: 453, 1972p: 155, 1979e: 70.

alternans Browne 1970: 554. Holotype ♀; Uganda, Entebbe; BMNH, London. Synonymy: Schedl 1972p: 155.

References: (**tx**) Browne 1970: 554; Schedl 1972p: 155.

crudiæ (Panzer) 1791: 35 (*Bostrichus*). Syntypes, sex?: India occidentalis; lost.

Figures: Schedl 1961k: 611.

Distribution: Africa (Angola/ Cameroon/ Cape Verde Islands/ Congo/ Dahomey/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Nigeria/ Sierra Leone/ South Africa/ Uganda/ Zaire), Antilles Islands (Cuba/ Grenada/ Puerto Rico/ Trinidad), Asia (Malaya/ Sri Lanka/ Thailand/ Vietnam), Cook Islands (Rarotonga), Hawaiian Islands, Indonesia (Java), Madagascar, Marquesas Islands, Micronesia, North America (Costa Rica/ El Salvador/ Guatemala/ Honduras/ all states in Mexico/ Nicaragua/ Alabama, Arkansas, District of Columbia, Florida, Georgia, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Mississippi, New Jersey, New York, North Carolina, Pennsylvania, South Carolina, Tennessee, Texas, Virginia, West Virginia in USA), South America (Argentina/ Bolivia/ Brazil/ Colombia/ Ecuador/ Guyana/ Paraguay/ Suriname/ Venezuela).

Hosts: *Abutilon mollissimum*, *Acacia farnesiana*, *Achras sapota*, *Adenantha pavonina*, *Aloe vera*, *Astragalus* sp., *Bauhinia grandiceps*, *B. krugi*, *Betula* sp., *Bidens pilosa*, *Bignonia* sp., *Boehmeria scabra*, *Bucida buceras*, *Buscra* sp., *Carica papaya*, *Carya* spp., *Cassia nodosa*, *Cinnamomum camphora*, *Citrus* sp., *Clerodendron squamatum*, *Crataegus* sp., *Dalbergia castophyllum*, *Derris* sp., *Diolea megacarpa*, *Diphysia robinoides*, *Dolonix regia*, *Ficus* spp., *Glycine max*, *Grewia asiatica*, *Inga* sp., *Juglans nigra*, *Magnolia* sp., *Mangifera indica*, *Morus rubra*, *Passiflora latifolia*, *Phalocarpus septentrionis*, *Pinus taeda*, *Prunus persica*, *Pyrus malus*, *Quercus* spp., *Quisqualis indica*, *Rhizophora mangle*, *Richinus communis*, *Schleicheria trifuga*, *Serjania racemosa*, *Sida rhombifolia*, *Smilax* sp., *Theobroma cacao*, *Wisteria* sp., *Yucca* sp.

Notes: (1) Identification of this species was based on specimens compared to the types by Eggers before they were lost. Published reports of this species from India and other parts of Asia are apparently based on misidentifications.

References: (**cn**) Smith, J. B. 1900: 362. (**cc**) Equilma & Atkinson 1986: 631; Halperin & Holzschuh 1986: 26. (**hb**) Beaver & Browne 1975: 290; Burgos & Saucedo 1983: 105; Deyrup & Atkinson 1987a: 66; Equilma & Atkinson 1986:

631; Halperin & Holzschuh 1984: 26; Wood, S. L. 1953: 163, 1954a: 1041, 1952b: 891. (**ds**) Atkinson & Equilma 1985c: 357; Beaver & Browne 1975: 290; Blackwelder 1947: 777; Bright 1985c: 174; Browne 1974a: 64, 1985b: 291; Burgos & Saucedo 1983: 105; Deyrup 1981b: 7; Deyrup & Atkinson 1987a: 66; Equilma & Atkinson 1986: 631, 1988: 209; Hagedorn 1910d: 43; Halperin & Holzschuh 1984: 26; Kirkendall 1984: 241; Smith, J. B. 1900: 362; Weber, B.C. & McPherson 1991: 54; Wood, S. L. 1977a: 71, 1983: 105. (**tx**) Bright 1985c: 174; Eggers 1931c: 184; Eichhoff 1896: 608; Panzer 1791: 35, 37; Schedl 1938i: 24; Wood, S. L. 1953: 163, 1954a: 1041, 1972f: 44, 1982b: 891.

mucronifer Wollaston 1867: 116 (*Cryphalus*). Syntypes, sex?: S. Antao, S. Vicente, S. Iago, et Fogo, Cape Verde Islands; BMNH, London. Synonymy: Wood 1989: 174.

References: (**cn**) Souphieff & Scherbinovskaja 1937: 36. (**ds**) Gemminger & Harold 1872: 2683; Hagedorn 1910d: 44; Kleine 1913b: 118, 1914b: 379; Souphieff & Scherbinovskaja 1937: 26. (**tx**) Hagedorn 1910a: 87; Wollaston 1867: 116; Wood, S. L. 1989: 174.

hispidulus LeConte 1868: 156 (*Cryphalus*). Syntypes, sex?: District of Columbia, Georgia, Louisiana [USA]; MCZ, Cambridge. Synonymy: Eichhoff 1896: 608.

References: (**cn**) Funk 1907: 217; Kleine 1932a: 302. (**hb**) Beal & Massey 1945: 118–119; Blackman 1922b: 84; Chamberlin 1939: 289; Costa Lima 1928b: 118–120; Kleine 1932a: 302; Morstatt 1924: 45; Smith, J. B. 1890b: 54. (**ds**) Anonymous 1926c: 518; Beal & Massey 1945: 118–119; Blackman 1922b: 84; Blackwelder 1947: 778; Blatchley & Leng 1916: 596; Britton 1920a: Chamberlin 1939: 289; Costa Lima 1936; Currie 1905; Gemminger & Harold 1872: 2688; Hagedorn 1910d: 43; Hamilton 1888: 158, 1894: 406; Henshaw 1882: 269; Kleine 1913b: 121, 1914b: 385, 1932a: 302, 1934a: 145; Leng 1920: 339; Leonard 1928: 518; Pfeffer 1932: 1–23; Schwarz 1878d: 468; Smith, J. B. 1890b: 54, 1900: 362, 1910: 401; Swaine 1909: 118. (**tx**) Beal & Massey 1945: 118–119; Blackman 1922b: 84; Blandford 1894b: 263; Blatchley & Leng 1916: 596; Chamberlin 1939: 289; Eichhoff 1878b: 136, 1896: 608, 610; Fauvel 1884, 1887; Hopkins 1915b: 13; LeConte 1868: 156, 1876: 355, 1878a: 468; Muesebeck 1942: 97, 1950: 133; Sharp 1879: 102; Swaine 1909: 118; Wood, S. L. 1954a: 959, 1041, 1972f: 44.

nanus Hagedorn 1909a: 744. Syntypes ♀; Argentina; La Plata Museum. Synonymy: Schedl 1952k: 162.

References: (**hb**) Viana 1964: 122. (**ds**) Blackwelder 1947: 777; Bruch 1914a; Hagedorn 1910d: 44; Kleine 1913b: 124, 1914b: 333; Viana

- 1964: 122. (**tx**) Hagedorn 1909a: 744, 1910a: 87; Hopkins 1915b: 23; Schedl 1938i: 24, 1948d: 36, 1948f: 363, 1951h: 254, 1951m: 71–73, 1952a: 446, 1952k: 159–162, 1958f: 34.
- differeus* Hopkins 1915b: 25 (*Stephanoderes*). Holotype ♀; San Bernardino, Paraguay; USNM, Washington. Synonymy: Wood 1972f: 44.
- References: (**ds**) Blackwelder 1947. (**tx**) Hopkins 1915b: 21, 25; Wood, S. L. 1962: 75, 1967b: 75, 1972f: 44.
- guatemalensis* Hopkins 1915b: 26 (*Stephanoderes*). Holotype ♀; Treceas Agnas, Alta Verapaz, Guatemala; USNM, Washington. Synonymy: Wood 1954a: 1041.
- References: (**cn**) Anonymous 1928d: 14. (**ds**) Blackwelder 1947: 778; Dampf 1928: 14; Ferrer 1942; Kleine 1934a: 145; Wolcott 1936: 317. (**tx**) Hopkins 1915b: 22, 26; Schedl 1940a: 342, 1950c: 206–207; Wood, S. L. 1954a: 1041.
- brasilensis* Hopkins 1915b: 26 (*Stephanoderes*). Holotype ♀; Pernambuco, Brazil; USNM, Washington. Synonymy: Wood 1954a: 1041.
- References: (**ds**) Blackwelder 1947: 777; Costa Lima 1936; Martorell 1945: 468; Wolcott 1936: 317, 1948: 380. (**tx**) Blackman 1922b: 95; Hopkins 1915b: 22, 26; Wood, S. L. 1954a: 959, 1041.
- paraguayensis* Hopkins 1915b: 26 (*Stephanoderes*). Holotype ♀; San Bernardino, Paraguay; USNM, Washington. Synonymy: Wood 1972f: 44.
- References: (**ds**) Blackwelder 1947: 778. (**tx**) Hopkins 1915b: 22, 26; Wood, S. L. 1972f: 44.
- lecontei* Hopkins 1915b: 27 (*Stephanoderes*). Holotype ♀; Jefferson County, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1041.
- References: (**hb**) Chamberlin 1939: 305. (**ds**) Blatchley & Leng 1916: 600; Chamberlin 1939: 305; Kleine 1934a: 145; Leng 1920: 340. (**tx**) Blatchley & Leng 1916: 600; Chamberlin 1939: 305; Hopkins 1915b: 22, 27; Wood, S. L. 1954a: 959, 1041.
- polyphagus* Costa Lima 1924: 316 (*Stephanoderes*). Syntypes, sex?: publication not seen, automatic. Synonymy: Wood 1972f: 44.
- References: (**bv**) Schedl 1960f: 43. (**cn**) Ghesquiere 1933a. (**cc**) Schedl 1961k: 610. (**hb**) Browne 1963a: 234; Schedl 1961k: 610. (**ds**) Browne 1963a: 234; Ghesquiere 1933a; LePelley 1968: 113; Mayne & Donis 1960: 104, 1962: 312; Nonveiller 1984: 41; Nunberg 1961b: 609; Schedl 1960f: 11, 1961k: 610, 1962h: 58, 1962k: 1070, 1964c: 68, 1964j: 41, 1965g: 20; 1966c: 224, 1967e: 212. (**tx**) Costa Lima 1924: 316, 414, 1925: 194–199, 365–368; Schedl 1961k: 610–611; Wood, S. L. 1972f: 44.
- fallax* Costa Lima 1924: 414 (*Stephanoderes*). Syntypes, sex?: publication not seen, automatic. Synonymy: Wood 1972f: 44.
- References: (**cn**) Azavedo 1924a: 359–360; Bondar 1925: 1–13; Kleine 1932a: 302. (**hb**) Kleine 1932a: 145, 302. (**ds**) Kleine 1932a: 145, 302. (**tx**) Costa Lima 1924: 316, 414, 1925: 197, 1925: 122; Wood, S. L. 1972f: 44.
- largipennis* Toledo Piza Junior 1924b: 354 (*Stephanoderes*). Syntypes, sex?: Brazil; not located. Synonymy: Costa Lima 1925: 197.
- References: (**cn**) Kleine 1932a: 302. (**hb**) Kleine 1932a: 302. (**ds**) Kleine 1932a: 145, 302. (**tx**) Costa Lima 1925: 197, 1925: 122; Toledo Piza Junior 1924b: 354–355.
- misericordatus* Eggers 1924: 103 (*Stephanoderes*). Lectotype ♀; Congostaat (Larbo); USNM, Washington, designated by Anderson & Anderson 1971: 35. Synonymy: Wood 1972f: 44.
- Notes: (3) Schedl 1963j: 479 (*Stephanoderes notatus* Eggers, nomen nudum, synonymy).
- References: (**bv**) Schedl 1960f: 43. (**cn**) Coleman 1931: 1–26; Corbett 1933; Ghesquiere 1933a: 32–35, 1933b: 783; Mathur & Singh 1960a: 13; Mathur, Singh, & Lal 1958: 31; Mathur et al. 1958: 103; Mayne & Donis 1951: 333–334; Schmitz & Crisinel 1957: 12; Schonteden 1924: 56–58; Thomas, K. M. 1949: 83. (**cc**) Mayne & Donis 1951: 333–334; Schedl 1961k: 627. (**hb**) Browne 1963a: 234; Corbett 1933; Schedl 1961: 627; Schmitz & Crisinel 1957: 12; Schonteden 1924: 56; Thomas, K. M. 1949: 83. (**ds**) Beeson 1941: 389, 1961: 288, 299; Brader 1964: 5; Browne 1963a: 234; Ferreira 1965: 1116; Ghesquiere 1933a; Mathur & Singh 1960a: 13; Mathur, Singh, & Lal 1958: 31, 103; Peyerimhoff 1935: 193; Schedl 1959a: 485, 1959p: 17, 1960f: 11, 1961k: 627, 1962h: 58, 1962k: 1070, 1964c: 68, 1964j: 41, 1967e: 212, 1969c: 50, 1969d: 5, 1977a: 77; Wichmann 1954: 514. (**tx**) Anderson, W. H. & Anderson 1971: 35; Corbett 1933; Eggers 1924: 103, 1936d: 626; Michalski 1969b: 570; Peyerimhoff 1935: 193; Schedl 1934d: 91, 1950d: 17–18, 1951j: 19, 1953d: 68, 1955d: 268, 1959a: 485, 1961k: 627, 1962k: 1070, 1963j: 478–479, 1964c: 68, 1964j: 41, 1967e: 212, 1967f: 151, 1969c: 50, 1969d: 5, 1971a: 280, 1971c: 364, 1977b: 77, 1979c: 261; Wood, S. L. 1972f: 44.
- hivaoca* Beeson 1935b: 105 (*Stephanoderes*). Holotype ♀; Tahauku, Hivaoca, Marquesas Islands; BPBM, Honolulu. Synonymy: Wood 1972f: 44.
- References: (**ds**) Beeson 1935b: 290; Ford 1958: 333; Wood, S. L. 1960a: 35. (**tx**) Beeson 1935b: 105, 1935b: 290, 1939: 105–106; Wood, S. L. 1960a: 38–39, 1972f: 44.
- lebronnei* Beeson 1935b: 104 (*Stephanoderes*). Syntypes, sex?: Tahauku; Hanatunna Valley 150 feet, Uapou; Hakaletan 500 feet, Marquesas

- Islands: BPBM, Honolulu. Synonymy: Wood 1972f: 44.
References: (hb) Yunus & Hua 1980: 229. (ds) Beeson 1935b; Swezey 1941: 119; Yunus & Hua 1980: 229. (tx) Beeson 1935b: 104, 1935: 290; Schedl 1941f: 111, 1965g: 25; Wood, S. L. 1960a: 35–39, 1972f: 44.
- erythraloides* (Eichhoff)** 1875b: 119 (*Triarmocerus*). Holotype ♀; Madagascar, insula Africana; Hamburg Museum, lost.
Distribution: Madagascar.
Notes: (3) A female from Clarion Island (Mexico) in the Schedl Collection was determined by Schedl as this species. Although that specimen is actually of *erectus* LeConte, *erectus* was apparently introduced to America from Africa. It is possible that the type of *erythraloides* is a synonym of *erectus*.
References: (ds) Almand 1900: 439; Hagedorn 1910d: 46; Kleine 1913b, 1914b: 326. (tx) Eichhoff 1875a: 384, 1875b: 119; Hagedorn 1910a: 51, 1913b; Hopkins 1914: 131.
- eucolus* (Schedl)** 1936j: 24 (*Stephanoderes*). Lectotype, sex?; Malay Peninsula, Selangor: Kauching Forest Reserve; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 72.
Distribution: Asia (Malaya).
Hosts: *Balanocarpus heimii*, *Dryobalanops aromatica*, *Shorea leprosula*.
References: (ds) Beeson 1961: 298; Browne 1961c: 72, 1970: 554; Schedl 1936j: 24. (tx) Schedl 1936j: 24, 1979c: 72.
- curtipennis* (Schedl)** 1950f: 45 (*Stephanoderes*). Holotype, sex?; Fiji, Viti Levu: Belt Road, 30 miles west of Suva, 10–250 feet; BPBM, Honolulu.
Distribution: Fiji Islands, Samoan Islands.
References: (ds) Beaver 1976b: 536; Browne 1974a: 64. (tx) Schedl 1950f: 45–46, 1951k: 135, 1979c: 72.
- cylindraceus* (Schedl)** 1972c: 287 (*Stephanoderes*). Holotype, sex?; Ghana, Kintampo: Ashanti Region, Ofinso, 259 m, N 6 54, W 1 39; Congo, Brazzaville, Lefinie reservation, Mbeokada forest; Brazzaville, Kindamba, Meya, Bangou forest; Schedl Collection in NHMW, Wien.
Distribution: Africa (Congo/Ghana).
References: (ds) Wood, S. L. 1982b: 905. (tx) Schedl 1972c: 287, 1979c: 73; Wood, S. L. 1982b: 905.
- cynometrae* Schedl** 1957d: 50. Holotype, sex?; Congo Belge: Yangambi, Maliba, 90 km N. Ouest de Tshela; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: *Cynometra hankei*.
References: (cc) Schedl 1961k: 471. (hb) Schedl 1961k: 471. (ds) Schedl 1961k: 471. (tx) Schedl 1957d: 50, 1961k: 471, 1979c: 75.
- delicatulus* Schedl** 1964j: 44. Holotype, sex?; Congo: Kivu, Terr. Fizi, Itombwe, 900 m; MRCB, Tervuren.
Distribution: Africa (Zaire).
References: (tx) Schedl 1964j: 44, 1979c: 77.
- depreicator* (Schedl)** 1941d: 393 (*Pachynoderes*). Holotype, sex?; Deutsch Ostafrika, Amami; Schedl Collection in NHMW, Wien.
Figures: Schedl 1961k: 632.
Distribution: Africa (Tanzania).
References: (tx) Schedl 1941d: 393, 1961k: 632–633, 1979c: 78.
- dexter* (Sampson)** 1922: 141 (*Cryphalus*). Holotype, sex?; Portuguese East Africa: Xinavane; BMNH, London.
Distribution: Africa (Mozambique).
Notes: (1) Browne 1970: 553 (to *Hypothecennus*).
References: (hb) Beaver & Loytyniemi 1955a: 80. (ds) Beaver & Loytyniemi 1955a: 80; Schedl 1961k: 462. (tx) Browne 1970: 553; Sampson 1922: 141; Schedl 1957b: 150, 1961k: 462.
- dimorphus* (Schedl)** 1959c: 165 (*Stephanoderes*). Holotype, sex?; Malaya, Negri Sembilan, Jelenu, Triang For. Res.; Forest Research Institute, Kepong.
Distribution: Asia (Malaya).
Hosts: *Acacia auriculariformis*.
References: (cn) Browne 1968: 353. (ds) Browne 1961c: 72, 1968: 353; Schedl 1959c: 168. (tx) Schedl 1959c: 168, 1979c: 81.
- dipteroearpi* Hopkins** 1915b: 17. Holotype ♀; Calapan, Mindoro, P.I.; USNM, Washington.
Distribution: Mangareva Islands, Philippine Islands (Mindoro).
Hosts: *Dipteroearpus polosapis*, *Hibiscus tiliaceus*.
References: (ds) Browne 1983a: 555, 1983b: 76, 1984c: 449; Kleine 1934a: 143; Ohno, Yoneyama, & Nakazawa 1987b: 93; Schedl 1966b: 24. (tx) Hopkins 1915b: 14, 17; Nobuchi 1983: 300; Wood, S. L. 1972f: 45.
- mangarevanus* Beeson** 1940: 196. Holotype ♀; Mangareva Islands: Ankena, northwest side; BPBM, Honolulu. Synonymy: Wood 1972f: 45.
References: (ds) Beeson 1935b: 289; Wood, S. L. 1960a: 41. (tx) Beeson 1940: 196; Wood, S. L. 1960a: 41, 1972f: 45.
- dissimilis* (Zimmermann)** 1868: 144 (*Crypturgus*). Holotype ♀; North Carolina [USA]; MCZ, Cambridge.
Figures: Blackman 1922b: pl. 5, figs. 29–30.
Distribution: North America (Alabama, Connecticut, District of Columbia, Florida, Georgia, Illinois, Indiana, Louisiana, Kentucky, Maryland, Minnesota, Mississippi, Missouri, New Jersey, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Texas, Virginia, West Virginia in USA).
Hosts: *Acer rubrum*, *Carya* spp., *Cercis canadensis*, *Fagus grandifolia*, *Kalmia latifolia*, *Quercus*

spp., *Ocoeca catesbyana*, *Rhamnus lanceolata*, *Vitis* spp.

References: (**bv**) Kirkendall 1954: 241; Roling & Kearby 1975b, 1977; Turnbow & Franklin 1980. (**cn**) Baker, W. L. 1972: 254; Lintner 1896: 270; Packard 1890: 93; Roling & Kearby 1977; Smith, J. B. 1900: 362. (**cc**) Burks 1979: 556; Bushing 1965: 460; Felt 1906: 702; Roling & Kearby 1977. (**hb**) Baker, W. L. 1972: 254; Beal & Massey 1945: 110–113; Blackman 1922b: 89; Chamberlin 1939: 304; Chittenden 1890, 1893a, 1895: 385, 1897: 393; Dextrup & Atkinson 1987a: 66; Drooz 1985: 367; Felt 1906: 702; Hopkins 1899a: 343; Packard 1890: 93; Pierce, W. D. 1907: 291; Schwarz 1888a: 80; Smith, J. B. 1890b: 54; Wenzel 1905: 124; Wood, S. L. 1953: 123, 1954a: 1021, 1982b: 882. (**ds**) Anonymous 1926c: 518; Beal & Massey 1942, 1945: 110–113; Beaulne 1956; Blackman 1922b: 89; Blatchley & Leng 1916: 603; Bright 1976d: 114; Britton 1920a; Chamberlin 1939: 304; Chittenden 1890, 1893: 393, 1895b: 385; Dextrup 1981b: 7; Dextrup & Atkinson 1987a: 66; Dodge 1938; Drooz 1985: 367; Gemminger & Harold 1872: 2688; Hagedorn 1910d: 41; Hamilton 1895: 346, 378; Henshaw 1885: 148; Hoffmann 1940: 60, 1942: 13; Hopkins 1893a: 133, 1893b: 210; Kirk 1969, 1970; Kleine 1913b: 121, 1914b: 386, 1934a: 145; Leng 1920: 340; Leonard 1928: 518; Lintner 1896: 270; Schwarz 1878d: 468, 1888a: 80; Smith, J. B. 1890a: 276, 1890b: 54, 1900: 362, 1910: 402; Swaine 1909: 116; Turnbow & Franklin 1980; Ulke 1902: 56; Wenzel 1905: 124; Wood, S. L. 1982b: 882. (**tx**) Beal & Massey 1945: 110–113; Blackman 1922b: 89; Blatchley & Leng 1916: 603; Bright 1976d: 114; Chamberlin 1939: 304; Dodge 1938: 39; Eichhoff 1872a: 132, 1878b: 143–144, 1896: 608; Hagedorn 1910a: 86; Hopkins 1915b: 24; LeConte 1868: 154, 1876: 356, 1878a: 468; Schedl 1951m: 101; Sharp 1879: 101; Swaine 1909: 116, 1918a: 40; Wood, S. L. 1953: 123, 1954a: 959, 1017, 1021, 1982b: 882; Zimmerman 1868: 144.

chapuisii Eichhoff 1872a: 132 (*Stephanoderes*).
Lectotype ♀; America bor. [USA]; IRSNB, Brussels, designated by Wood 1982b: 882. Synonymy: Eichhoff 1896: 608.

References: (**hb**) Baker, W. L. 1972: 254; Beal & Massey 1945: 112; Blackman 1922b: 90–91; Chamberlin 1939: 305. (**ds**) Beal & Massey 1945: 112; Beeson 1938b: 290; Blackman 1922b: 90–91; Blatchley & Leng 1916: 604; Chamberlin 1939: 305; Drooz 1985: 368; Gemminger & Harold 1872: 2684; Hagedorn 1910d: 41; Kleine 1934a: 145; Knull 1934: 212; Leng 1920: 340; Swaine 1909: 117. (**tx**) Beal & Massey 1945: 112; Blackman 1922b: 90–91; Blatchley & Leng 1916: 604; Chamberlin 1939: 305; Eichhoff 1872a: 132, 1878b: 143, 1896: 608, 610; Hopkins 1914: 130,

1915b: 24; LeConte 1876: 356; Swaine 1909: 117; Wood, S. L. 1954a: 959, 1021.

distinctus Wood 1954a: 1053. Holotype ♀; Union, Missouri [USA]; SMUK, Lawrence.

Distribution: North America (Florida, Indiana, Missouri, Oklahoma).

Hosts: *Rhus aromatica*.

References: (**hb**) Wood, S. L. 1953: 214, 1982b: 903. (**ds**) Atkinson et al. 1991: 161; Wood, S. L. 1982b: 903. (**tx**) Wood, S. L. 1953: 214, 1954a: 1053, 1066, 1982b: 903.

dolichocola Hopkins 1915b: 19. Holotype ♀; Canton, China; USNM, Washington.

Distribution: Asia (Canton in China).

Hosts: *Dolichos lablab*.

References: (**ds**) Kleine 1934a: 143. (**tx**) Hopkins 1915b: 14, 19.

dolosus Wood 1974a: 21. Holotype ♀; Pandora, Limon, Costa Rica; Wood Collection.

Distribution: North America (Costa Rica/ Honduras/ Chiapas, Veracruz in Mexico).

Hosts: *Mimosa* sp., *Sweetenia* sp.

References: (**ds**) Atkinson & Equihua 1986a: 422; Wood, S. L. 1982b: 889. (**tx**) Wood, S. L. 1974a: 21, 1982b: 889.

douisi (Schedl) 1957d: 46 (*Eriocryphalus*). Holotype, sex?; Congo Belge; Yangambi; MRCB, Tervuren.

Distribution: Africa (Zaire), Madagascar.

Hosts: *Cynometra hankui*.

References: (**tx**) Schedl 1957d: 46, 1961k: 455–456; Wood, S. L. 1989: 174.

madagascariensis Schedl 1961e: 131 (*Eriocryphalus*). Holotype, sex?; Madagascar, petite forêt pres de Tananarive; IRSM, Madagascar. Synonymy: Wood 1989: 174.

References: (**hb**) Schedl 1977a: 40. (**tx**) Schedl 1961e: 131, 1977a: 40; Wood, S. L. 1989: 174.

dorsosignatus (Schedl) 1950f: 46 (*Stephanoderes*). Holotype, sex?; Fiji Islands, Suva; Eggers Collection, in NHMW, Wien.

Distribution: Fiji Islands.

References: (**ds**) Browne 1974a: 64. (**tx**) Beaver 1991: 92; Schedl 1950f: 46–47, 1979c: 84.

fijianus Schedl 1955b: 289 (*Stephanopodius*). Holotype, sex?; Fiji; Schedl Collection in NHMW, Wien. Synonymy: Beaver 1991: 92.

References: (**ds**) Browne 1974a: 65. (**tx**) Beaver 1991: 92; Schedl 1955b: 289, 1979c: 96.

dubius (Schedl) 1971c: 372 (*Stylotentus*). Holotype, sex?; Ceylon; Rolonmarowa; Schedl Collection in NHMW, Wien.

Distribution: Asia (Sri Lanka/Vietnam).

References: (**tx**) Schedl 1971c: 372, 1973c: 377, 1979c: 85.

elaphas (Eichhoff) 1872a: 132 (*Stephanoderes*). Holotype, sex?; Isle de France [Eichhoff 1878b: 143 gives St. Mauritius]; IRSNB, Brussels.

Distribution: Africa (Mauritius Island/ Mozambique/ South Africa/ Tanzania/ Zaïre), Madagascar.

References: **(ds)** Alluaud 1900: 439; Gemminger & Harold 1872: 2684; Hagedorn 1910d: 42; Kleine 1913b: 121; Schedl 1961k: 472, 1962b: 58, 1962k: 106S, 1965c: 352. **(tx)** Eggers 1920: 121, 1921: 202, 1932: 31, 1934b: 27, 1943c: 75; Eichhoff 1872a: 132, 1875b: 142–143; Hagedorn 1910a: 82, 86, 1913a: 254; Hopkins 1914: 116, 135, 1915b: 24; Schedl 1939i: 380, 1950c: 203, 1953d: 68, 1961k: 472–473, 1962h: 58, 1962k: 106S, 1969d: 10, 1977b: 49.

spinosus Hagedorn 1909a: 745 (*Adiacretus*). Syn-types 2, sex?; Caffraria, Transvaal; MNB, Berlin. Synonymy: Schedl 1961k: 472.

References: **(ds)** Hagedorn 1910d: 47; Kleine 1913b, 1914b: 319. **(tx)** Eggers 1924: 102, 1932c: 31, 1934b: 27; Hagedorn 1909a: 745, 1910a: 82; Hopkins 1914: 116; Schedl 1939i: 380, 387, 1961k: 472.

° *emmi* (Hagedorn) 1913a: 254 (*Cryphalus*). Syn-types, sex?; Madagascarkopal; Hamburg Museum, lost.

Distribution: Madagascar (fossil in copal).

References: **(ds)** Kleine 1912a: 213; Spahr 1951. **(tx)** Eggers 1919: 240, 1927a: 196; Hagedorn 1913a: 254.

emmi Eggers 1919: 240 (*Stephanoderes*). Holotype, sex?; Madagascar-Copal; Hamburg Museum, lost. Synonymy: Eggers 1919: 241.

Notes: (1) Eggers renamed this species from the Hagedorn holotype without realizing that a description had already been published.

References: **(tx)** Eggers 1919: 240–241, 1927a: 196.

erectus LeConte 1876: 356. Lectotype ♀; labeled “Texas, [collected by] Bellfrage,” presumably from the lower Rio Grande Valley [USA]; MCZ, Cambridge, designated by Wood 1972f: 45.

Figures: Atkinson & Equihua 1988: 95 (adult).

Distribution: “Africa”, Antilles Islands (Cuba/ St. Thomas), North America (Honduras/ Chiapas, Colima, Hidalgo, Jalisco, Nayarit, Nuevo Leon, Puebla, Queretaro, San Luis Potosi, Sinaloa, Tamaulipas, Veracruz in Mexico/ S Texas in USA), South America (Venezuela).

Hosts: *Condalia* sp., *Ficus* sp., *Inga* sp., *Miconia* sp., *Mimosa* spp., *Prosopis* sp., *Rubus* sp., *Serjania* sp., *Toxicodendron* sp., *Verbisina agricolorum*, *Vismia* sp.

Notes: (3) This species was apparently introduced to America from Africa or Madagascar where numerous variants occur.

References: **(cn)** Packard 1890: 93; Smith, J. B. 1900: 362. **(ce)** Equihua & Atkinson 1986: 631; Felt 1906: 702, 740. **(hb)** Burgos & Saucedo 1983: 104; Chamberlin 1939: 310; Chittenden 1890; Equihua & Atkinson 1986: 631; Felt 1906: 702, 740; Packard 1890: 93; Pierce, W. D. 1907: 291;

Smith, J. B. 1890b: 54; Wood, S. L. 1953: 132, 1954a: 1026. **(ds)** Atkinson & Equihua 1985c: 356, 1986a: 422, 1988: 92; Blackwelder 1947: 775; Blandford 1904: 227; Blatchley & Leng 1916: 602; Bright 1955c: 174; Burgos & Saucedo 1983: 104; Chamberlin 1939: 310; Chittenden 1890; Equihua & Atkinson 1986: 631; Estrada & Atkinson 1988: 209; Ferrer 1942; Hagedorn 1910d: 42; Henshaw 1882: 269, 1885: 148; Hopkins 1893a: 132, 1893b; Kleine 1913b: 121, 1914b: 350, 386, 1934a: 145; Leng 1920: 340; Smith, J. B. 1890a: 267, 1890b: 54, 1900: 362, 1910: 401; Swaine 1909: 117; Thomas, J. B. 1966; Wood, S. L. 1977a: 71, 1983: 104. **(tx)** Atkinson & Equihua 1988: 95; Blandford 1904: 227; Blatchley & Leng 1916: 602–603; Bright 1955c: 174; Chamberlin 1939: 310; Eichhoff 1875b: 146, 1896: 608; Hagedorn 1910a: 86; Hopkins 1915b: 24; LeConte 1876: 356; Schedl 1940a: 342; Swaine 1909: 117; Wood, S. L. 1953: 132, 1954a: 959, 1018, 1026, 1972f: 45, 1976a: 348, 1982b: 885.

validus Blandford 1904: 228. Holotype ♀; Motzorongo, Veracruz, Mexico; BMNH, London. Synonymy: Wood 1972f: 46.

References: **(ds)** Blackwelder 1947: 778; Ferrer 1942; Hagedorn 1910a: 46; Kleine 1913b: 124, 1914b: 350; Sampson 1914: 385; Wichmann 1955a: 107. **(tx)** Blandford 1904: 228; Browne 1970: 556; Hagedorn 1910a: 88; Hopkins 1915b: 24; Sampson 1914: 385; Schedl 1940a: 342; Wood, S. L. 1972f: 46.

puncticollis Hopkins 1915b: 32 (*Stephanoderes*). Holotype ♀; Tampico, Tamaulipas, Mexico; USNM, Washington. Synonymy: Wood 1972f: 46. References: **(ds)** Blackwelder 1947: 778; Ferrer 1942; Schedl 1963c: 157; Wood, S. L. 1961c: 1. **(tx)** Hopkins 1915b: 25, 32; Schedl 1940a: 342, 1940c: 206; Wood, S. L. 1961c: 1, 1972f: 46.

cupensis Hopkins 1915b: 32 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 46.

References: **(ds)** Blackwelder 1947: 777; Leng & Mutchler 1917: 219. **(tx)** Eggers 1940a; Hopkins 1915b: 24, 32; Schedl 1951m: 103; Wood, S. L. 1972f: 46.

brunneicollis Hopkins 1915b: 33 (*Stephanoderes*). Holotype ♀; Round Mountain, Texas [USA]; USNM, Washington. Synonymy: Wood 1954a: 1026.

References: **(hb)** Chamberlin 1939: 310. **(ds)** Chamberlin 1939: 310; Kleine 1934a: 145; Leng 1920: 340. **(tx)** Chamberlin 1939: 310; Hopkins 1915b: 24, 32–33; Wood, S. L. 1954a: 959, 1026.

discedens Schedl 1950d: 23 (*Stephanoderes*). Holotype ♀; St. Thomas; Schedl Collection in NHMW, Wien. Synonymy: Wood 1976a: 348. References: **(tx)** Schedl 1950d: 23, 1961k: 562; Wood, S. L. 1976a: 348.

eruditus Westwood 1836: 34. Syntypes ♀: England?; some in BMNH, London.

Figures: Balachowsky 1949a: 203–204, Grune 1979: 112, Masutti 1968: 365, Pedrosa-Maccedo & Schonherr 1985: 47.

Distribution: Africa (Algeria/ Angola/ Cameroon/ Canary Islands/ Egypt/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Morocco/ Nigeria/ Seychelles Islands/ Sierra Leone/ South Africa/ Tanzania/ Togo/ Uganda/ Zaïre), Antilles Islands (Cuba/ Guadeloupe/ Jamaica/ Puerto Rico/ Trinidad), Asia (Bonin Islands/ Burma/ Andaman Islands, Assam, Punjab, Uttar Pradesh in India/ Iran/ Israel/ Japan/ Malaya/ Sri Lanka/ Thailand/ Vietnam), Australia (Queensland), Cook Islands, Europe (Corsica/ England/ France/ Italy/ Spain), Fiji Islands, Hawaiian Islands, Indonesia (Java/ Sumatra), Madagascar, Marquesas Islands, Micronesia, New Caledonia, Nine Island, North America (Costa Rica/ Guatemala/ Honduras/ Chiapas, Colima, Jalisco, Michoacan, Nayarit, Oaxaca, Puebla, San Luis Potosí, Veracruz, Yucatan in Mexico/ Panama/ Alabama, Arkansas, California, District of Columbia, Florida, Georgia, Illinois, Louisiana, Maryland, Michigan, Mississippi, New Hampshire, New Jersey, New York, North Carolina, Pennsylvania, South Carolina, Tennessee, Texas, Virginia, West Virginia in USA), Philippine Islands.

Hosts: Numerous hosts recorded by Beaver 1976b: 536, 1979b: 298, Browne 1961c: 76, Schedl 1961k: 488–498, Wood 1954a, 1982b: 902–903.

Notes: (3) Schedl 1965g: 19 (*Styphanoderes phascoli* Eggers, nomen nudum, synonymy).

References: (ay) Van Ryn-Tommel 1975. (bv) Gray, B. 1974c; Grune 1979: 113; Schedl 1960f: 11; Turnbow & Franklin 1980. (cn) Anonymous 1970c: 13; Arruda 1965; Box 1953a; Brader 1964: 5; Browne 1961c: 76, 1968: 353; Clittenden 1893: 250; Corbet 1931: 351–355; Currie 1905: 7; Downe & Williams 1950; Ebeling 1950: 353, 533; Equihua 1988; Hagedorn 1913a; Hamad 1961; Hargreaves 1927: 24–27; Hubbard 1885: 173; Kleine 1932c: 302; Kumar, Jayaraj, & Mnthukrishnan 1979; Murillo Quinche 1959: 300; Petri 1912; Roark 1939: 308; Souphhiéff & Scherbinskaja 1937: 81; Tsankov 1977; Vuillaume et al. 1981; Zacher 1913: 131–144. (ec) Ashmead 1883a, 1893: 451; Beaver 1979b: 298; Bushing 1965: 460; Clittenden 1893b; Equihua & Atkinson 1986: 632; Felt 1906: 725; Halperin & Holzschuh 1984: 26; Kleine 1908c: 187; Mendel 1986c: 115; Schedl 1955d: 190; Vuillaume et al. 1981; Wichmann 1955a: 105. (hb) Ashe 1949; Atkinson et al. 1986: 64; Baker, W. L. 1972: 254; Beaver 1974a, 1976b: 536, 1979b: 298, 1987a: 19; Beaver & Browne 1978: 590; Blandford 1894b; Bodenheimer 1930; Bright & Stark 1973: 69; Browne 1961c: 76, 1968: 353; Burgos & Saucedo 1983: 108; Deyrup & Atkinson 1987a: 66;

Equihua & Atkinson 1986: 632; Felt 1906: 725; Gardner 1957: 31; Gray, B. 1974c; Hagedorn 1913a; Halperin & Holzschuh 1984: 26; Hamad 1961; Hubbard 1885: 173; Kalshoven 1932: 242, 1951: 856, 1958b: 170–172, 179, 1963; Kleine 1932a: 302; Lengerken 1939: 64, 1954: 84; Loytyniemi, Beaver, & Loytyniemi 1984; Masutti 1968; Murillo Quinche 1959: 300; Pierce, W. D. 1907: 291; Pollet 1977; Postner 1974: 432; Roberts 1969: 66, 86; Schedl 1960f: 86, 1961k: 474; Schwarz 1889: 139, 191e: 73–74; Smith, J. B. 1890b: 54; Wachtl 1876a: 453; Wood, S. L. 1953: 198, 1954a: 1055, 1982b: 900; Yunus & Hua 1980: 229; Zacher 1927: 161. (ds) Alkan 1964: 374, 390; Anonymous 1970c: 13; Atkinson & Equihua 1985c: 357, 1986a: 422, 1988: 92; Atkinson et al. 1986: 64; Aulmann 1912: 55–56; Barber 1919: 53–60; Beaver 1974a, 1976b: 536, 1987a: 19, 1987b: 65, 1990a: 280; Beaver & Browne 1978: 590; Beeson 1935: 103, 1938b: 289, 1940: 196–197, 1941: 374; Blackwelder 1947: 777; Blandford 1894b: 261–264, 1897b, 1904: 229–230; Bright 1972d: 50, 1985c: 175; Bright & Stark 1973: 69; Brimley 1938: 247; Browne 1963: 53, 1966: 245, 1968b: 353–354, 1968c: 111, 1974a: 64, 1976, 1984a: 150; Burgos & Saucedo 1983: 108; Bytinski-Salz 1966: 38; Cachau 1957: 15; Calver 1884, 1893; Chobant 1897: 262; Choo 1983: 65; Choo & Woo 1985: 164; Choo, Woo, & Nobuchi 1983: 172; Crotch 1863, 1866: 18; Deyrup 1981b: 7; Deyrup & Atkinson 1987a: 66; Drooz 1985: 368; Equihua & Atkinson 1986: 632; Estrada & Atkinson 1988: 210; Fairmaire 1863: 33; Ferreira 1965: 1113; Ferrer 1942; Fowler 1891; Fowler & Domisthorpe 1913: 199; Gardner 1957a; Gaubil 1849: 127; Gemminger & Harold 1872: 2679; Ghesquiere 1933a: 32–36, 1933b: 783–786; Gray 1967: 9; Grune 1979: 113; Hagedorn 1903b: 546, 1910d: 42, 1913a: 44–45; Halperin & Holzschuh 1984: 26; Hamad 1961: 150; Hamilton 1889: 158, 1894b: 406, 1895a: 346, 378; Hargreaves 1948; Henshaw 1885: 148; Heyden, Reitter, & Weise 1883: 182, 1891: 671, 1906: 711; Hopkins 1893a: 132; Israelson 1972; Kalshoven 1963: 233; Kirk 1970; Kirkendall 1984: 242; Kleine 1913b: 124, 1914a: 15, 22, 1914b: 300, 308, 350, 361, 408, 1932a: 143, 302, 1934: 142–146; Kloft & Hinks 1945: 218; Kranss 1943: 88; Lacordaire 1866: 374; Lepesme 1944: 241, 1947: 645–646; Lintner 1896: 270; Lundblad 1958: 489; Marcu 1934: 57; Martorell 1945: 469; Masutti 1968: 360–370; Matthews & Fowler 1883: 42; Mayne & Donist 1951: 332–333; Miller, N. C. E. 1934; Moore 1964: 300; Munro 1946: 15; Newberry 1910: 83; Nobuchi 1955c: 16; Nobuchi & Ono 1973: 181; Nohira & Ogawa 1986; Nunnberg 1952: 18, 1961b: 609, 1965b: 18, 1971: 58, 1972b: 195; Ohno, Yoneyama, & Nakazawa 1982b: 7; Ohno, Yoskioka et al. 1985a: 92; Pedrosa-Maccedo & Schonherr 1985: 47; Peyerimhoff

- 1911: 314, 1912: 173, 1915: 60, 1919: 225, 1935: 195; Pollet 1977; Postner 1974: 432; Redtenbacher 1858: 831, 1874: 374; Reitter 1894a: 75; Ross 1919: 83; Rye 1866a: 198, 1890: 270; Sampson 1914: 385; Sankeral & Rao 1966: 67; Schamm 1859: 96, 1862: 101; Schedl 1934f: 1640, 1959a: 475, 1959p: 16, 1960d: 76, 1960f: 11, 1961b: 187, 1961c: 69, 1961e: 131, 1961j: 349, 1961k: 474-476, 1961m: 84, 1962l: 58, 1962k: 1068, 1963c: 157, 1963f: 53, 1964a, 1964c: 305, 1966b: 24, 1969g: 290; Schedl, Lindberg, & Lindberg 1959: 16; Schonherr & Pedrosa-Macedo 1981: 52; Scudder 1864: 14, 1865: 13-14; Seidlitz 1891: 151; Smith, J. B. 1890b: 54, 1892: 43, 1900: 362, 1910: 401; Souphieff & Scherbinovskaja 1937: 81; Stein & Weise 1877: 164; Stephens 1830: 418, 1839: 209; Sufiew 1937: 65-68; Swaine 1909: 117-118; Swezey 1941: 117-118; Terra 1987: 19; Turnbow & Franklin 1980; Ulke 1902: 56; Wachtl 1876a: 453; Wichmann 1927: 79, 1927: 379, 1954: 509-510, 522, 1955a: 105; Wolcott 1948: 379; Wollaston 1864: 256, 1865: 239, 1868: 116-117; Wood, S. L. 1957e: 1273, 1960a: 41, 1977a: 71, 1982b: 900; Yunus & Hua 1980: 229. **(tx)** Balachowsky 1943: 168, 1949a: 202-205; Beal & Massey 1945: 117-118; Blackman 1922b: 6-104; Blandford 1954b: 261-264, 1904: 229-230; Blatchley & Leng 1916: 598; Bright 1972d: 50, 1985c: 175; Castelma 1840; Chamberlin 1939: 288-289; Choo 1983: 65; Costa Lima 1925: 118, 1936: 356; Dodge 1938: 39; Duffy 1953: 3, 6; Eggers 1919: 241, 1921: 40, 1922: 86, 1924: 110, 1925: 153, 1927: 173, 1929: 55, 1936: 126; Eichhoff 1864b: 34, 1868d: 421, 1878a: 387, 1878b: 165, 1883: 134, 1896: 608; Erichson 1836: 61; Fauvel 1884a: 390, 1884b: 315, 1889, 1897: 66; Ferrari 1867a: 7, 17, 89, 1867b: 113, 1868: 255-256; Grune 1979: 112-113; Hagedorn 1903b: 546, 1909: 744, 1910a: 85-86; Hammad 1961; Hopkins 1914: 123, 133, 1915b: 12, 14, 1915c: 221-222; Houllbert 1922a: 13; Jacquelin du Val & Fairmaire 1868: 105; Lacordaire 1866: 374; LeConte 1876: 355-356; Masutti 1968: 365; Miller, N. C. E. 1934: 27; Murayama 1936: 126; Newberry 1910: 83; Niisima 1913: 1; Nobuchi 1983: 300; Numberg 1952: 18, 1956: 144; Pedrosa-Macedo & Schonherr 1985: 47; Perkins 1900: 173-180; Peyerimhoff 1935: 195-196; Portevin 1935: 325; Postner 1974: 432; Redtenbacher 1858: 831, 1874: 374; Reitter 1887: 194, 1894a: 75, 1902: 141, 1906: 711, 1911: 711, 1913a: 73-74; Sampson 1914: 385; Schedl 1934g: 178, 1935j: 1, 1939e: 328, 1939f: 32, 1939g: 170, 1940a: 322, 342, 1940c: 207, 1941f: 110, 1942a: 170, 1942b, 1942c: 174, 1942d: 12-13, 1950c: 204, 1950d: 3-20, 1950g: 895, 1951f: 40, 1951j: 19, 1951k: 134, 1952a: 449, 1952g: 49-50, 1952j: 2, 1953b: 124, 1953c: 288, 1953d: 68, 1954a: 139, 1954d: 871, 1954e: 50, 70, 1957a: 191-192, 1957b: 150, 1957d: 10-11, 1958b: 99, 1958d: 189-190, 1959a: 478, 1960a: 76, 1961b: 187, 1961k: 474, 1963c: 155, 1963h: 266, 1964a: 96-97, 1964c: 305, 1964e: 65, 1964i: 248, 1964j: 40, 1964k: 222, 1965a: 399, 1965f: 4, 1965g: 19, 22, 1966b: 24, 1966f: 80, 83, 1967e: 210, 1968c: 261-262, 1969d: 8-11, 1969e: 261-262, 1969g: 286, 290, 1969i: 140, 1970e: 80, 91, 1971a: 275, 280, 1971c: 366, 1971e: 2, 1971f: 147, 1977b: 51; Schedl, Lindberg, & Lindberg 1959: 16; Sharp 1879: 101-102; Stark 1952: 292; Stephens 1830: 418, 1839: 209-210; Swaine 1909: 117-118; Terra 1987: 19; Tredl 1907: 13; Westwood 1836: 34-36, 1839: 353, 1840: 157; Wood, S. L. 1953: 198, 1954a: 959, 1058-1061, 1960a: 41-44, 1972f: 46, 1974d: 282, 1977d: 513, 1982b: 900; Wylie & Yule 1977. **(ms)** Eichhoff 1868d: 421. *aspericollis* Wollaston 1860a: 365 **(Cryphalus)**.
 Syntypes, sex?: Madeira: BMNH, London.
 Synonymy: Schedl 1960h: 16.
 References: **(ay)** Peyerimhoff 1912: 173. **(cn)** Ebeling 1959; Garcia-Tejero 1955: 234; Gentry, J. W. 1975: 105; Grandi 1951; Hammad 1961; Souphieff & Scherbinovskaja 1937: 83. **(hb)** Balachowsky 1963a: 1280; Davateli 1955; Eichhoff 1878b: 162; Grandi 1951; Hammad 1961; Peyerimhoff 1915: 19. **(ds)** Balachowsky 1963a: 1280; Beeson 1940: 196-197, 1961: 288; Davateli 1958: 76; Ebeling 1959; Eichhoff 1878b: 162; Escalera 1919; Fauvel 1897; Gemminger & Harold 1872: 2683; Gentry, J. W. 1965: 105; Hagedorn 1910d: 41; Jansson 1940: 63; Lacordaire 1866: 379; Lmdblad 1958: 489; Newberry 1910: 84; Peyerimhoff 1912: 173, 1935: 194-195; Schmitz 1898: 157; Sharp 1879: 102; Souphieff & Scherbinovskaja 1937: 83. **(tx)** Balachowsky 1949a: 202, 1963a: 1280; Beeson 1940; Eggers 1921: 40; Eichhoff 1878b: 162; Fauvel 1884; Hagedorn 1910a: 85; Hammad 1961; Hopkins 1915b: 13; Lacordaire 1866: 379; Newberry 1910: 84; Peyerimhoff 1911: 314, 1912: 173-174, 1935: 194; Schedl 1934f: 1640, 1951a: 449, 1960h: 16; Schedl, Lindberg, & Lindberg 1959: 16; Sharp 1879: 102; Sokanovskii 1954: 17; Wollaston 1860a: 365, 1864: 256, 1865: 239.
boicidicus Perrond 1864: 188 **(Bostrichus)**. Holotype ♀; Kanala, New Caledonia; not located.
 Synonymy: Eichhoff 1878b: 166.
 References: **(ds)** Gemminger & Harold 1872: 2690; Swaine 1909: 118. **(tx)** Blandford 1904: 229-230; Eichhoff 1878b: 166; Fauvel 1884b; Ferrari 1867a: 75; Hopkins 1915c: 222; Perrond 1864: 188; Swaine 1909: 118.
obscurus Ferrari 1867a: 17 **(Cryphalus)**. Holotype ♀; Cuba: NHMW, Wien, preoccupied by Fabricius 1801. Synonymy: Wood 1974d: 282.
 References: **(ds)** Browne 1965: 187; Hagedorn 1910d: 44; Kalshoven 1964: 233; Kleine 1914b: 378. **(tx)** Eggers 1929c: 50-51, 1940a; Eichhoff 1878b: 163; Ferrari 1867a: 17; Hage-

- dorn 1910a: 87; Hopkins 1915b: 13; Wood, S. L. 1974d: 282.
- germari* Eichhoff 1875b: 159 (*Stephanoderes*). Syntypes, sex?: America borealis (Mexico); Hamburg Museum, lost. Synonymy: Wood 1977d: 513.
References: (**hb**) Blackman 1922b: 83–84; Chamberlin 1939: 290. (**ds**) Blackman 1922b: 83–84; Blackwelder 1947: 778; Blandford 1904: 127–128; Chamberlin 1939: 290; Ferrer 1942; Hagedorn 1910d: 43; Kleine 1913b: 121, 1914b: 3–9; Leng & Mutchler 1927: 52. (**tx**) Blackman 1922b: 83–84; Blandford 1904: 127–128; Chamberlin 1939: 290; Eichhoff 1875a: 386, 1875b: 159; Hagedorn 1910a: 86; Hopkins 1915b: 13; Schedl 1940a: 342; Wood, S. L. 1954a: 1058, 1977d: 513.
- myrmedon* Eichhoff 1875b: 160 (*Stephanoderes*). Holotype ♂; Colombia: IRSNB, Brussels. Synonymy: Wood 1977d: 513.
References: (**ds**) Blackwelder 1947: 778; Hagedorn 1910d: 44; Kleine 1913b: 121, 1914b: 342. (**tx**) Eichhoff 1865, 1875a: 386, 1875b: 160; Hagedorn 1910a: 87; Hopkins 1915b: 21; Reitter 1902a: 141; Wood, S. L. 1977d: 513.
- chlersi* Eichhoff 1875b: 493 (*Stephanoderes*). Syntypes, sex?: Spain; Hamburg Museum, lost. Synonymy: Balachowsky 1949a: 202.
References: (**cn**) Anonymous 1980g; Widiez 1932: 415–445. (**hb**) Eichhoff 1881a: 47, 192; Peyerimhoff 1915: 60, 1919: 255. (**ds**) Anonymous 1980g; Balachowsky 1943a; Barthe 1986; Beeson 1940: 197; Davatchi 1955: 78; Fauvel 1885; Hagedorn 1910d: 42; Heyden, Reitter, & Weise 1883: 182, 1891: 671, 1906: 711; Kleine 1913b: 121, 1914a: 19, 1934a: 145; Murayama 1954b: 162; Peyerimhoff 1919: 255, 1935: 195–196; Pittioni 1943: 176; Ragusa 1924: 116; Reitter 1894a: 74; Sainte-Claire & Mequignon 1938: 446; Stein & Weise 1877: 164; Tredl 1907: 13. (**tx**) Balachowsky 1926: 263–264, 1943a: 168, 1949a: 202; Eggers 1940c: 233–234; Eichhoff 1875a: 387, 1875b: 493–495, 1881a: 47, 192, 1883a: 110, 134; Fauvel 1884a: 390, 1884b: 315, 1885; Hagedorn 1910a: 86; Hopkins 1914: 122, 1915b: 13, 1915c: 222; Murayama 1954b: 162; Niisima 1910a: 9; Portevin 1935: 325; Reitter 1887b: 194, 1894a: 74, 1913a: 73; Schedl 1934f: 1640, 1961k: 472.
- communis* Schaufuss 1891: 11 (*Stephanoderes*). Holotype ♀; Madagascar; Schedl Collection in NHMW, Wien. Synonymy: Wood 1992a: 90.
Notes: (1) Schedl 1977b: 70 (head of type missing).
References: (**hb**) Beaver 1987a: 18. (**ds**) Allnand 1900: 439; Beaver 1987a: 18; Hagedorn 1910d: 41; Kleine 1914b: 326; Sampson 1914: 384; Schedl 1969d: 11, 1977b: 70. (**tx**) Hagedorn 1910a: 86; Sampson 1914: 384; Schaufuss 1891: 11; Schedl 1977b: 70–71; Wood, S. L. 1992a: 90.
- insularis* Perkins 1900: 181. Syntypes, sex?: Kauai, Hawaiian Islands; BMNH, London. Synonymy: Wood 1960a: 42.
References: (**ds**) Beeson 1938b: 289; Hagedorn 1910d: 43; Kleine 1913b: 124, 1914b: 302; Krauss 1943: 88; Swezey 1940: 169, 1941: 117, 1954: 14, 83. (**tx**) Hagedorn 1910a: 86; Perkins 1900: 181; Schedl 1934g: 177–178, 1939f: 32, 1941f: 109, 1942b: 147, 1951k: 134, 1951m: 71, 1958f: 35, 1966b: 24; Wood, S. L. 1960a: 42–43.
- tectonae* Stebbing 1903a: 263 (*Cryphalus*). Syntypes ♀; India, Berar, Melghat teak forests; FRI, Dehra Dm. Synonymy: Wood 1989: 174.
References: (**cn**) Mathur & Singh 1961b: 13; Stebbing 1903a: 263. (**hb**) Stebbing 1903a: 263. (**ds**) Beeson 1941 (1961: 288); Hagedorn 1910d: 45; Kleine 1914b: 269, 1934a: 143; Mathur & Singh 1961b: 13; Stebbing 1903a: 263. (**tx**) Beeson 1941 (1961: 288); Hagedorn 1910a: 88; Stebbing 1903a: 263, 1914: 536; Wood, S. L. 1989: 174.
- striatopunctatus* Lea 1910: 142 (*Cryphalus*). Syntypes, sex?: Australia Park, Sidney, New South Wales, Australia; SAM, Adelaide. Synonymy: Wood 1989: 174.
References: (**ds**) Schedl 1936f: 527. (**tx**) Lea 1910: 141–142; Schedl 1938f: 45, 1939f: 32; Wood, S. L. 1989: 174.
- tantillus* Lea 1910: 142 (*Cryphalus*). Holotype, sex?: N.S. Wales; Richmond River, Australia; SAM, Adelaide. Synonymy: Wood 1989: 174.
Notes: (1) Schedl 1938f: 44 (to *Hypothenemus*).
References: (**ds**) Brimblecombe 1953: 20. (**tx**) Lea 1910: 142; Schedl 1938f: 44, 1942a: 169–170, 1942c: 163, 1945g: 25; Wood, S. L. 1989: 174.
- basjoo* Niisima 1910a: 9 (*Cryphalus*). Syntypes, sex?: Tokyo, Japan; Nobuchi Collection, Ibaraki. Synonymy: Wood 1972f: 46.
References: (**ds**) Beeson 1938: 288; Kleine 1934a: 142; Murayama 1936a: 126, 1953a: 9, 1954b: 162. (**tx**) Eggers 1929e; Murayama 1936a: 126, 1953a: 9, 1954b: 162; Niisima 1910a: 9, 1929: 55; Schedl 1934f: 1640, 1961k: 474; Wood, S. L. 1960a: 41, 1972f: 46.
- tuberculosis* Hagedorn 1912a: 339. Syntypes, sex?: Congo; Hamburg Museum, lost. Synonymy: Wood 1989: 174.
Notes: (3) Schedl 1939g: 170 (*pterygosperma*, nomen nudum).
References: (**cn**) Ghesquiere 1933a; Kleine 1932a: 302; Mayne & Donis 1951: 332. (**cc**) Ahlmann 1913: 1–126; Mayne 1915: 577–596; Mayne & Donis 1951: 332. (**hb**) Kleine 1932a: 302. (**ds**) Ghesquiere 1933a; Kleine 1913b: 124, 1914b: 314, 1932a: 302, 1934a: 144; Lepesme et al. 1948: 645; Thompson, C. H.

- 1963: 45. **(tx)** Eggers 1924: 110. 1927a: 173; Hagedorn 1912a: 339; Schedl 1939g: 170. 1950d: 7. 17. 1951f: 40. 1951j: 19. 1952g: 50. 1952j: 2. 1954d: 571. 1954e: 49–50. 1957d: 10–11. 1961k: 475; Wood, S. L. 1989: 174.
- schwarzii* Hopkins 1915b: 11 (*Cosmoderes*). Holotype ♀; Haw Creek, Florida [USA]; USNM, Washington. Synonymy: Wood 1972f: 46. References: **(bv)** Schedl 1960f: 29. **(hb)** Wood, S. L. 1953: 215. 1954a: 1066. **(ds)** Blatchley & Leng 1916: 593; Leng 1920: 339; Schedl 1960f: 29. 1961k: 502. **(tx)** Blatchley & Leng 1916: 593; Chamberlin 1939: 287; Hopkins 1915b: 11; Schedl 1961k: 502; Wood, S. L. 1953: 215. 1954a: 959. 1066. 1972f: 46.
- bradfordi* Hopkins 1915b: 15. Holotype ♀; Honolulu, Hawaii; USNM, Washington. Synonymy: Wood 1972f: 46. References: **(ds)** Beeson 1938b: 289. **(tx)** Hopkins 1915b: 13. 15; Wood, S. L. 1972f: 46.
- flavosquamosus* Hopkins 1915b: 15. Holotype ♀; Mount Coffee, Liberia, West Africa; USNM, Washington. Synonymy: Wood 1972f: 46. References: **(ds)** Kleine 1934a: 143. **(tx)** Hopkins 1915b: 13. 15; Schedl 1961k: 502; Wood, S. L. 1972f: 46.
- asiminae* Hopkins 1915b: 16. Holotype ♀; Plummers Island, Maryland [USA]; USNM, Washington. Synonymy: Wood 1954a: 1058. References: **(hb)** Blackman 1922b: 85; Chamberlin 1939: 291. **(ds)** Blackman 1922b: 85; Blatchley & Leng 1916: 597; Chamberlin 1939: 291; Kleine 1934a: 143; Leng 1920: 340. **(tx)** Blackman 1922b; Blatchley & Leng 1916: 597; Chamberlin 1939: 291; Hopkins 1915b: 13. 16; Schedl 1961k: 475; Wood, S. L. 1954a: 979. 1058.
- hamamelidis* Hopkins 1915b: 16. Holotype ♀; Morgantown, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1058. References: **(hb)** Chamberlin 1939: 294. **(ds)** Blatchley & Leng 1916: 597; Chamberlin 1939: 294; Kleine 1934a: 143; Leng 1920: 340. **(tx)** Blatchley & Leng 1916: 597; Chamberlin 1939: 294; Hopkins 1915b: 13. 16; Schedl 1961k: 475; Wood, S. L. 1954a: 959. 1058.
- myristicae* Hopkins 1915b: 16. Holotype ♀; Buitenzorg, Java; USNM, Washington. Synonymy: Wood 1972f: 46. References: **(hb)** Kalshoven 1955a: 172. **(ds)** Browne 1961e: 78; Kleine 1934a: 143; Schedl 1959a: 479. **(tx)** Hopkins 1915b: 14. 16; Schedl 1939d: 408. 1939f: 31. 1942d: 2. 1958b: 99. 1959a: 479; Wood, S. L. 1972f: 46.
- nigricollis* Hopkins 1915b: 16. Holotype ♀; Capetown, South Africa; USNM, Washington. Synonymy: Wood 1972f: 46. References: **(ds)** Kleine 1934a: 143. **(tx)** Hopkins 1915b: 13–19; Schedl 1961k: 475; Wood, S. L. 1972f: 46.
- pruni* Hopkins 1915b: 16. Holotype ♀; Tryon, North Carolina [USA]; USNM, Washington. Synonymy: Wood 1954a: 1058. References: **(hb)** Beal & Massey 1945: 119; Chamberlin 1939: 294. **(ds)** Beal & Massey 1945: 119; Blatchley & Leng 1916: 597; Chamberlin 1939: 294; Kleine 1934a: 143; Leng 1920: 340. **(tx)** Beal & Massey 1945: 119; Blatchley & Leng 1916: 597; Chamberlin 1939: 294; Hopkins 1915b: 13. 16; Schedl 1961k: 475; Wood, S. L. 1954a: 959. 1058.
- runseyi* Hopkins 1915b: 16. Holotype ♀; Little Falls, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1058. References: **(hb)** Beal & Massey 1945: 117; Blackman 1922b; Chamberlin 1939: 290. **(ds)** Beal & Massey 1945: 117; Blackman 1922b: 85; Blatchley & Leng 1916: 597; Chamberlin 1939: 290; Hopkins 1915b: 13. 16; Schedl 1961k: 475; Wood, S. L. 1954a: 959. 1058.
- tenuis* Hopkins 1915b: 16. Holotype ♀; Trece Aguas, Alta Verapaz, Guatemala; USNM, Washington. Synonymy: Wood 1972f: 47. References: **(ds)** Blackwelder 1947: 777; Kleine 1934a: 144. **(tx)** Hopkins 1915b: 14. 16; Wood, S. L. 1972f: 47.
- koebeli* Hopkins 1915b: 17. Holotype ♀; Brazil; USNM, Washington. Synonymy: Wood 1972f: 46. References: **(ds)** Blackwelder 1947: 777. **(tx)** Hopkins 1915b: 14. 17; Wood, S. L. 1972f: 46.
- lineatifrons* Hopkins 1915b: 17. Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 46. References: **(ds)** Blackwelder 1947: 777; Leng & Mutchler 1917: 219. **(tx)** Hopkins 1915b: 14. 17; Wood, S. L. 1972f: 46.
- udli* Hopkins 1915b: 17. Holotype ♀; Capetown, South Africa; USNM, Washington. Synonymy: Wood 1972f: 46. References: **(ds)** Kleine 1934a: 143. **(tx)** Hopkins 1915b: 14. 17; Schedl 1961k: 508; Wood, S. L. 1972f: 46.
- parvus* Hopkins 1915b: 17. Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 46. References: **(ds)** Blackwelder 1947: 777; Kleine 1934a: 143; Leng & Mutchler 1917: 219; Martorell 1945: 469. **(tx)** Hopkins 1915b: 14. 17; Wood, S. L. 1972f: 46.
- sacchari* Hopkins 1915b: 17. Holotype ♀; Nevis, West Indies; USNM, Washington. Synonymy: Wood 1972f: 47. References: **(ds)** Blackwelder 1947: 777; Kleine 1934a: 144; Leng & Mutchler 1917: 219. **(tx)** Hopkins 1915b: 14. 17; Wood, S. L. 1972f: 47.
- webbi* Hopkins 1915b: 17. Holotype ♀; Calapan,

- Mindoro, Philippine Islands; USNM, Washington. Synonymy: Wood 1972f: 47.
References: **(ds)** Kleine 1934a: 144; Schedl 1966b: 25. **(tx)** Hopkins 1915b: 14, 17; Nobuchi 1983: 300; Wood, S. L. 1972f: 47.
- flavipes* Hopkins 1915b: 18. Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 46.
References: **(ds)** Blackwelder 1947: 777; Leng & Mutchler 1917: 219. **(tx)** Hopkins 1915b: 14, 18; Wood, S. L. 1972f: 46.
- punctifrons* Hopkins 1915b: 18. Holotype ♀; Lakeland, Florida [USA]; USNM, Washington. Synonymy: Wood 1954a: 1059.
References: **(hb)** Blackman 1922b: 88; Chamberlin 1939: 291. **(ds)** Blackman 1922b: 88; Blatchley & Leng 1916: 598; Chamberlin 1939: 291; Dodge 1938: 39; Hoffmann 1942: 13; Kaston 1938: 240; Kleine 1934a: 144; Leng 1920: 340. **(tx)** Blackman 1922b: 88; Blatchley & Leng 1916: 598; Chamberlin 1939: 291; Dodge 1938: 39; Hopkins 1915b: 14, 18; Schedl 1961k: 475; Wood, S. L. 1954a: 959, 1058.
- nigripennis* Hopkins 1915b: 19. Holotype ♀; Tallulah, Louisiana [USA]; USNM, Washington. Synonymy: Wood 1954a: 1059.
References: **(hb)** Blackman 1922b: 86–87; Chamberlin 1939: 291. **(ds)** Blackman 1922b: 86–87; Blatchley & Leng 1916: 598; Chamberlin 1939: 291; Kirk 1960a; Kleine 1934a: 143; Leng 1920: 340. **(tx)** Blackman 1922b: 86–87; Blatchley & Leng 1916: 598; Chamberlin 1939: 291; Hopkins 1915b: 14, 19; Schedl 1961k: 475; Wood, S. L. 1954a: 959, 1058–1059.
- ferrugineus* Hopkins 1915b: 20. Holotype ♀; Trece Añas, Alta Verapaz, Guatemala; USNM, Washington. Synonymy: Wood 1972f: 46.
References: **(ds)** Blackwelder 1947: 777. **(tx)** Blackman 1922b: 87; Hopkins 1915b: 14, 20; Wood, S. L. 1972f: 46.
- heathi* Hopkins 1915b: 20. Holotype ♀; Independencia, Paratyba, Brazil; USNM, Washington. Synonymy: Wood 1972f: 46.
References: **(ds)** Blackwelder 1947: 777. **(tx)** Hopkins 1915b: 14, 20; Schedl 1952e: 450; Wood, S. L. 1972f: 46.
- punctipennis* Hopkins 1915b: 20. Holotype ♀; Capetown, "West" Africa; USNM, Washington. Synonymy: Wood 1972f: 46.
References: **(ds)** Kleine 1934a: 144; Schedl 1961k: 510. **(tx)** Hopkins 1915b: 15, 20; Schedl 1961k: 510; Wood, S. L. 1972f: 46.
- flavicollis* Hopkins 1915b: 24 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 47.
References: **(ds)** Blackwelder 1947: 778; Leng & Mutchler 1917: 219. **(tx)** Hopkins 1915b: 21, 24; Wood, S. L. 1972f: 47.
- pygmaeus* Hopkins 1915b: 24 (*Stephanoderes*). Holotype ♀; Pagbilao, P.I.; USNM, Washington. Synonymy: Wood 1972f: 47.
References: **(ds)** Schedl 1966b: 29. **(tx)** Hopkins 1915b: 21, 24; Nobuchi 1983: 300; Wood, S. L. 1972f: 47.
- elongatus* Hopkins 1915b: 25 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 47.
References: **(ds)** Blackwelder 1947: 778; Leng & Mutchler 1917: 219. **(tx)** Hopkins 1915b: 21, 25; Wood, S. L. 1972f: 47.
- subconcentralis* Hopkins 1915b: 25 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 47.
References: **(ds)** Blackwelder 1947: 778; Leng & Mutchler 1917: 219. **(tx)** Hopkins 1915b: 21, 25; Wood, S. L. 1972f: 46.
- unicolor* Hopkins 1915b: 25 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 47.
References: **(ds)** Blackwelder 1947: 778; Leng & Mutchler 1917: 219. **(tx)** Hopkins 1915b: 21, 25; Wood, S. L. 1972f: 47.
- ecronymi* Hopkins 1915b: 26 (*Stephanoderes*). Holotype ♀; Morgantown, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1059.
References: **(hb)** Chamberlin 1939: 303. **(ds)** Chamberlin 1939: 303; Kleine 1934a: 145; Leng 1920: 340. **(tx)** Blatchley & Leng 1916: 600; Chamberlin 1939: 303; Hopkins 1915b: 22, 26; Schedl 1961k: 475; Wood, S. L. 1954a: 1058.
- bicolor* Eggers 1919: 241. Lectotype ♀; Anani, East Africa; USNM, Washington, designated by Anderson & Anderson 1971: 6. Synonymy: Schedl 1957d: 11.
References: **(cn)** Souphieff & Scherbinovskaya 1937: 81. **(ds)** Kleine 1934a: 143; Souphieff & Scherbinovskaja 1937: 81. **(tx)** Anderson, W. H. & Anderson 1971: 6; Eggers 1919: 241, 1924: 110.
- chlersi rottoni* Peyerimhoff 1919: 255. Syntypes, sex?; Sidi-bel-Abbes, Oran, North Africa; MNHN, Paris. Synonymy: Balachowsky: 1949a: 202.
References: **(tx)** Balachowsky 1943: 168, 1949a: 202; Peyerimhoff 1919: 255, 1938: 195; Schedl 1934f: 1640, 1961k: 475.
- juglandis* Blackman 1922b: 88. Syntypes, sex?; Port Gibson, Mississippi [USA]; USNM, Washington. Synonymy: Wood 1954a: 1058.
References: **(hb)** Chamberlin 1939: 292. **(ds)** Chamberlin 1939: 292; Kleine 1934a: 243; Leng & Mutchler 1927: 52. **(tx)** Blackman 1922b: 88; Chamberlin 1939: 292; Schedl 1961k: 475; Wood, S. L. 1954a: 959, 1058.
- pusillus* Eggers 1927a: 173. Lectotype ♀; Belg.-Congo (Mayumbe); USNM, Washington, designated by Anderson & Anderson 1971: 27. Synonymy: Wood 1989: 174.

- References: **(bv)** Schedl 1960f. **(cn)** Ghesquiere 1933a: 32–36, 1933b: 753–756; Magnin 1954: 465; Mayne & Donis 1951: 331; Schedl 1960f: 77; Souplieff & Scherbinovskaja 1937: 51. **(cc)** Cachan 1957: 15; Entwistle 1963a: 57; Mayne & Donis 1951: 331; Schedl 1955d: 190, 1961k: 511. **(hb)** Jones, Roberts, & Baker 1959: 23; Paulian 1951: 27–31; Schedl 1955d: 190, 1961k: 511. **(ds)** Ghesquiere 1933a: 32–36; Kleine 1934a: 144; Mayne & Donis 1962: 307; Schedl 1960f, 1961k: 511; Souplieff & Scherbinovskaja 1937: 51; Thompson, G. H. 1963: 47. **(tx)** Anderson, W. H. & Anderson 1971: 27; Eggers 1927a: 173; Mayne & Donis 1962: 307; Schedl 1950c: 204, 1950d: 7, 17, 1951f: 40, 1952j: 2, 1953d: 68, 1954d: 570, 1954e: 49, 1955f: 258, 1957c: 324, 1957d: 11, 1961k: 511, 1979c: 206; Wood, S. L. 1989: 174.
- intersetosus* Eggers 1928c: 55 (*Stephanoderes*). Lectotype ♀; Brazil, Sao Paulo (Umgegend der Stadt); USNM, Washington designated by Anderson & Anderson 1971: 16. Synonymy: Wood 1972f: 47. References: **(cn)** Costa Lima 1956. **(hb)** Costa Lima 1956; Viana 1964: 122. **(ds)** Blackwelder 1947; Bright 1972d: 53; Costa Lima 1936, 1956; Kleine 1934a: 145; Schedl 1960a: 76; Viana 1964: 122. **(tx)** Anderson, W. H. & Anderson 1971: 16; Bright 1972d: 53, 1973: 15; Costa Lima 1956; Eggers 1928c: 55; Schedl 1951m: 71–73, 1957a: 192, 1958f: 35; Wood, S. L. 1972f: 47, 1977d: 513, 1979c: 127.
- gracilis* Eggers 1929c: 51 (*Stephanoderes*). Holotype ♀; Cuba; NHMW, Wien, automatic. Synonymy: Wood 1974d: 282. Notes: (1) A replacement name for *obscurus* Ferrari. References: **(cn)** Costa Lima 1956; Schmitz & Crisinel 1957: 11. **(hb)** Costa Lima 1956; Kalshoven 1963; Schmitz & Crisinel 1957: 11. **(ds)** Blackwelder 1947: 775; Costa Lima 1956; Dintler 1960: 111; Kalshoven 1963. **(tx)** Costa Lima 1956; Eggers 1929c: 51, 1940a; Schedl 1951b: 375–376, 1951m: 71–73; Wood, S. L. 1974d: 282.
- lezjavai* Pjatnitskii 1929a: 15. Syntypes, sex?; Georgia, USSR; not located. Synonymy: Schedl 1961k: 482. References: **(hb)** Davatchi 1955; Lezhava 1930: 863; Stark 1952: 291. **(ds)** Balachowsky 1963a: 1281; Davatchi 1955; Kleine 1934a: 143; Kobakhidze 1957: 175; Pfeffer 1935: 158; Stark 1952: 291. **(tx)** Pjatnitskii 1929a: 1, 15; Schedl 1934f: 1640, 1961k: 475; Sokanovskii 1954: 17; Stark 1952: 291.
- citri* Ebeling 1935: 21. Holotype ♀; Orange, California [USA]; CAS, San Francisco. Synonymy: Wood 1954a: 1059. References: **(cn)** Ebeling 1950, 1959. **(hb)** Chamberlin 1939: 289; Ebeling 1950. **(ds)** Blackwelder 1939; Chamberlin 1939: 289; Ebeling 1935: 21, 1950, 1959. **(tx)** Chamberlin 1939: 289; Ebeling 1935: 21; Schedl 1961k: 475; Wood, S. L. 1954a: 959, 1058.
- crythrinae* Eggers 1936d: 625 (*Stephanoderes*). Holotype ♀; Sakalapur, India; BMNH, London. 1 Eggers cotype in NHMW, Wien. Synonymy: Wood 1972f: 47. References: **(ds)** Beeson 1940: 195, 1961: 288; Brimblecombe 1953: 20; Browne 1961c: 75. **(tx)** Eggers 1936d: 627–628; Schedl 1948g: 25, 1953b: 124, 1955b: 284, 1955b: 99, 1979c: 92; Wood, S. L. 1972: 47.
- bicolor* Schedl 1939f: 32. Lectotype ♀; Java, Pengandaran; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 35, preoccupied by Eggers 1919. Synonymy: Schedl 1957d: 11. References: **(hb)** Kalshoven 1955: 170; Yunus & Hua 1980: 229. **(ds)** Yunus & Hua 1980: 229. **(tx)** Eggers 1919, 1924; Numborg 1960: 609; Schedl 1939c: 326, 325, 1939f: 32, 1942d: 2, 1950g: 896, 1953b: 124, 1953c: 288, 1957d: 11, 1961k: 475–476, 1979c: 38.
- argenticensis* Schedl 1939d: 405. Lectotype, sex?; Corrientes, Buenos Aires; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 24. Synonymy: Wood 1989: 174. References: **(hb)** Viana 1964: 121. **(ds)** Blackwelder 1947; Viana 1964: 121. **(tx)** Schedl 1939d: 405–409, 1948d: 36, 1952a: 446, 1958f: 34–35, 1979c: 24; Wood, S. L. 1989: 174.
- cylindricus* Schedl 1939d: 409. Lectotype, sex?; Isla Martin Garcia [Argentinien]; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 74, preoccupied by Hopkins 1915. Synonymy: Wood 1989: 174. References: **(cn)** Ghesquiere 1933a: 32. **(ds)** Blackwelder 1947: 777; Ghesquiere 1933a. **(tx)** Schedl 1939d: 409, 1951m: 71–73, 1952a: 446, 1957d: 12, 1961k: 547, 1979c: 74; Wood, S. L. 1989: 174.
- asaroriensis* Beeson 1940: 195. Holotype ♀; United Provinces; Asarori, Dehra Dun Division; FRI, Dehra Dun. Synonymy: Wood 1989: 174. References: **(cn)** Mathur & Singh 1960b: 9, 1961a: 63. **(ds)** Beeson 1961: 228; Bhasin, Roonwal, & Singh 1955; Mathur & Singh 1960b: 9, 1961a: 63. **(tx)** Beeson 1940: 195; Wood, S. L. 1989: 174.
- dubiosus* Schedl 1940c: 207. Lectotype, sex?; Hamburgfarm, Ebene Limon, Costa Rica; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 84. Synonymy: Wood 1972f: 47. References: **(tx)** Schedl 1940c: 207, 1979c: 84; Wood, S. L. 1972f: 47.
- subcylindricus* Eggers 1940c: 233 (*Stephanoderes*). Holotype ♀; Mosolo Kwenge, Kwango.

- Congo; MRCB, Tervuren. Synonymy: Schedl 1957d: 10.
References: (tx) Eggers 1940c: 233–234; Schedl 1950d: 3, 1953d: 68, 1957d: 10–11, 1961k: 476, 1979c: 241.
- maniensis* Schedl 1941f: 110. Lectotype, sex[?]; Mani, Iao Valley; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 150. Synonymy: Wood 1989: 174.
References: (ds) Ford 1958: 333; Swezey 1941: 119, 1954: 83, (tx) Schedl 1941f: 110, 1959a: 480, 1979c: 150; Wood, S. L. 1989: 174.
- glabratus* Schedl 1942a: 175. Lectotype ♀; Kuala Lumpur, Malaya; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 105. Synonymy: Schedl 1961k: 482.
References: (ds) Browne 1961c: 78, (tx) Schedl 1942a: 175, 1942c: 174, 1953c: 288, 292, 1961k: 476, 482, 1979c: 105.
- calacensis* Eggers 1944b: 94 (*Archcophalus*). Syntypes ♀; Eala, Belgisch-Congo; MRCB, Tervuren. Synonymy: Schedl 1957d: 10.
Notes: (1) Schedl 1961k: 476 (to *Hypothenus*).
References: (cn) Mayne & Donis 1951: 333, (ec) Mayne & Donis 1951: 333, (ds) Mayne & Donis 1962: 311, (tx) Eggers 1944b: 94; Schedl 1950c: 204, 1950d: 3, 17, 1957d: 10–11, 1961k: 476, 1979c: 86.
- nanulus* Schedl 1948f: 263 (*Stephanoderes*). Lectotype, sex[?]; Fernando, Noronha; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 163. Synonymy: Wood 1989: 174.
References: (tx) Schedl 1948f: 263, 1979c: 163; Wood, S. L. 1989: 174.
- parilis* Schedl 1951m: 100. Lectotype, sex[?]; Brasilien, Santa Catarina, Nova Teutonia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 185. Synonymy: Wood 1989: 174.
References: (ec) Schedl 1958d: 190, (tx) de Ruelle 1970: 102; Schedl 1951m: 100, 1963i: 64, 1979c: 185; Wood, S. L. 1989: 174.
- obscuriceps* Schedl 1952a: 449. Lectotype ♀; Argentina; Buenos Aires, Pilar, Misiones, Dep. Concep., Santa Maria; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 175. Synonymy: Wood 1989: 174.
References: (hb) Viana 1964: 121, (ds) Viana 1964: 121, (tx) Schedl 1951m: 98, 1952a: 449, 1958f: 35–36, 1979c: 175; Wood, S. L. 1989: 174.
- tigrensis* Schedl 1952a: 452 (*Stephanoderes*). Lectotype, sex[?]; Argentina, Buenos Aires, Tigre; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 253. Synonymy: Wood 1989: 174.
References: (hb) Browne 1961c: 78, (ds) Browne 1961c: 78, (tx) Schedl 1952a: 452, 1979c: 253; Wood, S. L. 1989: 174.
- glabrattellus* Schedl 1953c: 292. Lectotype, sex[?]; Selangor, Kepong, Malaya; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 105. Synonymy: Schedl 1961k: 482.
References: (hb) Browne 1961c: 78, (ds) Bright 1972d: 52; Browne 1961c: 78, (tx) Bright 1972d: 52; Schedl 1953c: 288, 292, 1961k: 476, 482, 1979c: 105.
- parvus* Schedl 1957d: 49. Holotype, sex[?]; Congo Belge; Yangambi, Mabikwa; MRCB, Tervuren. Synonymy: Wood 1989: 174.
References: (hb) Schedl 1961k: 509, (ds) Browne 1963a: 556; Schedl 1959a: 479, 1961k: 509, (tx) Schedl 1957d: 49, 1959a: 479, 1961k: 509, 1963i: 44, 1979c: 185; Wood, S. L. 1989: 174.
- cylindripennis* Schedl 1957d: 51. Holotype, sex[?]; Congo Belge; Kivu, Muhungu; MRCB, Tervuren. Synonymy: Wood 1989: 174.
References: (ds) Mayne & Donis 1962: 306; Schedl 1961k: 471, (tx) Schedl 1957d: 51, 1961k: 471, 1979c: 74; Wood, S. L. 1989: 174.
- vianai* Schedl 1958f: 42. Lectotype, sex[?]; Argentinien; Buenos Aires, Tigre; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 267. Synonymy: Wood 1989: 174.
References: (hb) Viana 1964: 121, (ds) Viana 1964: 121, (tx) Schedl 1958f: 42, 1979c: 267; Wood, S. L. 1989: 174.
- mesoleius* Schedl 1959a: 480. Syntypes ♀; Ceylon; Millawitiya Estate; Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 174.
References: (ds) Schedl 1959a: 480, (tx) Schedl 1959a: 480, 1979c: 152.
- minutulus* Schedl 1972j: 225. Holotype, sex[?]; Ceylon, Central-North Central, Peradeniya, 550 m; MHNG, Geneve. Synonymy: Wood 1989: 174.
References: (tx) Schedl 1972j: 225; Wood, S. L. 1989: 174.
- minutus* Schedl 1978c: 299 (*Cryphalus*). Holotype, sex[?]; Brasilien, Nova Teutonia, 300–500 m, 27 11 Br., 52 23 L.; Schedl Collection in NHMW, Wien, preoccupied by Hopkins 1915. Synonymy: Wood 1989: 177.
References: (tx) Schedl 1978c: 299, 1979c: 157; Wood, S. L. 1989: 277.
- euphorbiae* (Schedl)** 1961e: 135 (*Stephanoderes*). Holotype, sex[?]; Madagascar, Faux-Cap; IRSM, Madagascar.
Distribution: Madagascar.
Hosts: *Euphorbia stenocladia*.
References: (tx) Schedl 1961e: 135, 1977a: 71, 1979c: 92.
- eximius* Schedl** 1951m: 99. Lectotype, sex[?]; Brasilien, Santa Catarina, Nova Teutonia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 94.
Distribution: South America (Brazil).

- References: (tx) Schedl 1951m: 99, 1979c: 94.
- externedentatus** Schedl 1959a: 450. Holotype ♀; Ceylon: Milkawitiya Estate; Schedl Collection in NHMW, Wien.
Distribution: Asia (Sri Lanka).
References: (ds) Schedl 1959a: 450, (tx) Schedl 1959a: 450, 1979c: 94.
- flarus** Hopkins 1915b: 17. Holotype ♀; Island of Java; USNM, Washington.
Distribution: Indonesia (Java).
References: (tx) Hopkins 1915b: 14, 17; Schedl 1942d: 12, 1950g: 896.
- fuscicollis** (Eichhoff) 1878b: 148 (*Stephanoderes*). Holotype, sex?; Columbia: Hamburg Museum, lost.
Distribution: Africa (Ghana), Antilles Islands (Jamaica), Asia (Punjab in India/ Japan), Indonesia (Java, Sumatra), North America (Belize), South America (Brazil/ Colombia/ Venezuela).
Notes: (1) Identity of this species is based on a specimen in the Schedl Collection (on loan from Eggers) that was compared by Eggers in 1925 to the holotype of *fuscicollis*.
References: (cn) Costa Lima 1956. (hb) Costa Lima 1956. (ds) Blackwelder 1947: 778; Costa Lima 1936, 1956; Hagedorn 1910d: 43; Kleine 1913b: 121, 1914b: 342; LePelly 1968: 113. (tx) Costa Lima 1956; Eichhoff 1878a: 386, 1878b: 148; Hagedorn 1910a: 86; Hopkins 1915b: 23.
- sundaensis** Eggers 1927b: 396 (*Stephanoderes*). Holotype ♀; Haboko, Sumatra; Eggers Collection, in NHMW, Wien. Synonymy: Wood 1989: 174.
References: (hb) Kalshoven 1958b: 170. (ds) Browne 1961c: 79, 1970: 540, 1984a: 150; Peter, Bagle, & Balasubramanian 1984; Schedl 1959a: 455, 1964c: 304; Wood, S. L. 1982b: 881. (tx) Eggers 1927b; Schedl 1939f: 34, 1942a: 169–170, 1950f: 36–37, 1952c: 63, 1953b: 124, 1959a: 485, 1979c: 247; Wood, S. L. 1982b: 881, 1989: 174.
- acquaticlavatus** Schedl 1939f: 33. Lectotype ♀; Buitenzorg, Java; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 13. Synonymy: Wood 1982b: 881.
References: (ds) Kalshoven 1958: 170; Wood, S. L. 1977a: 70. (tx) Schedl 1939f: 33–35, 1942d: 2, 1979c: 13; Wood, S. L. 1982b: 881.
- costalimai** Numberg 1958a: 484 (*Ernophloeus*). Holotype, sex?; Ceara [Brazil]; Numberg Collection, IZW, Warsaw. Synonymy: Wood 1986c: 266.
References: (cn) Azavedo 1924a. (ds) Numberg 1958a: 480. (tx) Numberg 1958a: 480; Wood, S. L. 1986c: 266.
- ghanaensis** Schedl 1962h: 67. Holotype, sex?; Ghana, Kumasi; BMNH, London. Synonymy: Wood 1989: 174.
References: (tx) Schedl 1962h: 67, 1962k: 1068, 1979c: 103; Wood, S. L. 1989: 174.
- glabratulus** (Schedl) 1957a: 192 (*Stephanoderes*). Syntypes, sex?; Jamaica, Rum Cave vicinity, St. Ann Parish, and Puerto Rico: Rio Piedras; Schedl Collection in NHMW, Wien.
Distribution: Antilles Islands (Jamaica/ Puerto Rico).
Notes: (1) Schedl 1979c: 105 (citation of holotype invalid).
References: (ds) Bright 1972d: 52, 1985c: 175. (tx) Bright 1972d: 52, 1985c: 175; Schedl 1957a: 192, 1979c: 105.
- glabripennis** (Hopkins) 1915b: 32 (*Stephanoderes*). Holotype ♀; Angat, P.I.; USNM, Washington.
Figures: Maiti & Saha 1986: 165 (adult).
Distribution: Asia ("China"/ Andaman Islands in India/ Malaya/ Thailand), Indonesia (Java, Sumatra), Philippine Islands.
Hosts: *Cassia* sp., *Styrax benzoin*, *Swietenia macrophylla*, *Tamarindus indica*.
References: (hb) Beaver & Browne 1975: 290, 1978: 591; Kalshoven 1958b: 168–169. (ds) Beaver & Browne 1975: 290, 1978: 591; Beeson 1961: 298; Browne 1961c: 72; Maiti & Saha 1986: 164. (tx) Browne 1970: 555; Hopkins 1915b: 24, 32; Maiti & Saha 1986: 164; Nobuchi 1983: 300; Schedl 1942a: 169–170, 1942d: 2, 1953b: 124, 1954a: 139.
- gossypii** (Hopkins) 1915b: 25 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington.
Distribution: Antilles Islands (Cuba), North America (Hidalgo in Mexico/ S Florida in USA).
Hosts: *Ammonia* sp., *Bidens pilosa*, *Cajanus cajan*, *Capparis bifolia*, *Gossypium* spp., *Ica imbricata*, *Mangifera indica*, *Parmentiera edulis*, *Persca americana*, *Poinsettia heterophylla*, *Sida rhombifolia*, *Tectona grandis*.
References: (cn) Simmonds 1924: 61–62; Souphieff & Scherbinovskaja 1937: 81. (ds) Atkinson & Equihua 1985c: 357; Atkinson et al. 1986: 64; Beeson 1938b: 295; Bright 1985c: 175; Costa Lima 1928: 121; Hargreaves 1948; Kleine 1934a: 145; Leng & Mutchler 1917: 219; Souphieff & Scherbinovskaja 1937: 81; Wood, S. L. 1982b: 903. (tx) Bright 1985c: 175; Hopkins 1915b: 21, 25; Schedl 1950f: 38; Wood, S. L. 1967b: 78, 1982b: 903.
- beameri** Wood 1954a: 1056. Holotype ♀; Homestead, Florida [USA]; SMUK, Lawrence. Synonymy: Wood 1967b: 78, 1972: 48.
References: (hb) Wood, S. L. 1953: 196, 1954a: 1056. (tx) Wood, S. L. 1953: 196, 1954a: 1056, 1967b: 78, 1972f: 48.
- grandis** Schedl 1939i: 384. Lectotype, sex?; Ukerewe, Tanganyika Territory; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 109.
Figures: Schedl 1961k: 503.

Distribution: Africa (Tanzania/Zaire).

Hosts: *Anisopappus* sp., *Coffea* sp., *Dissotis grandiflora*, *Doryalis* sp., *Geniosporum paludosum*, *Indigofera arrecta*, *Kosteletzkya adoensis*, *Lactuca* sp., *Paullinia pinnata*, *Phyllanthus* sp., *Polygonum tomentosum*, *Prunus salasii*, *Theobroma cacao*, *Triumfetta* sp., *Veronia* sp., *Vireta multiflora*.

References: (tx) Schedl 1939g: 170, 1939i: 354, 1961k: 502–503, 1964j: 45, 1979c: 109.

hampei (Ferrari) 1867a: 11–12 (*Cryphalus*). Syn-types ♀; Gallia [in coffee beans]; NHMW, Wien. Figures: Frolieh & Rodewald 1969, Le Pelley 1968: 114, Mbondji 1973, Schedl 1961k: 562–563, Ymms & Balsubramanian 1975: 74.

Distribution: Africa (Angola/ Cameroon/ Canary Islands/ Equatorial Guinea/ Central African Republic/ Chad/ Congo/ Fernando Po/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Kenya/ Liberia/ Nigeria/ Sao Tome Island/ Sierra Leone/ South Africa/ Sudan/ Tanzania/ Togo/ Uganda/ Zaire), Antilles Islands (Jamaica/ Puerto Rico), Asia (India/ Iran/ Malaya/ Sri Lanka/ Thailand), Indonesia (Java, Sumatra), Micronesia, New Caledonia, North America (Guatemala/ Honduras), Philippine Islands, Samoan Islands, South America (Argentina/ Brazil/ Colombia/ Suriname), Tahiti Islands. Intercepted worldwide in coffee beans.

Hosts: *Coffea arabica*, *C. liberica*, *C. robusta*.

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Bemelmans 1930: 418–424; Bergamin 1943: 31–72, 1944a, 1944b, 1944d, 1944e: 706–716, 1944g, 1945a, 1945c: 290–293, 1945d, 1945e, 1945f, 1945g, 1945h, 1945i, 1945j, 1946b, 1947a, 1947b, 1957, 1960; Berghe 1922: 957; Bernard 1923: 175–187, 1926: 1–22, 1928: 1–14; Berry 1959; Berthet 1913a: 312–313, 701, 1925: 1–54; Betrem 1931: 799, 1936: 196; Blackman 1950; Bondar 1925: 1–13, 1928: 1–64; Bomofil 1954: 12; Boocock 1959d; Borgmeier 1927: 279; Bos 1923: 988–999; Bontilly 1900: 1–139; Bowden 1960; Bredo 1934: 5–19, 494–514; Browne 1961c: 73; Brum, Gaudichan, & Marcilland 1959; Bunting & Milsom 1930; Busck & Oliveira Filho 1925: 1–19; Bussy 1921, 1925: 249; Buyckx, Schmitz, & Crisinel 1954: 297–310; Cachan 1957: 15; Caminha Filho 1926: 122–127; Campos Novas 1922: 67–70; Cheam & Ung 1973; Chevalier 1947: 1–356; Chiaromonte 1938b: 398–399; Colic 1951, 1958: 10–14; Coleman 1931: 1–26; Coolhaas 1951; Coquard 1955: 137–142; Corbett 1929: 261–276, 1930: 212–214, 1931: 36–40, 1931: 48–64, 1931: 496–498, 1933: 8–22, 1935: 43–56, 1936: 41–53; Cordeiro Leite 1935: 645–654; Corporaal 1921: 1–8; Correa & Bastos 1960a, 1960b; Costa Lima 1922: 34–35, 1923: 111–114, 1925a: 194–199, 1925b: 368–374, 1925c: 16–19, 141–143, 226–227, 1928b: 117–123, 1928c: 3–49, 1936: 1–460, 1956; Costa Lima & Ravache 1925: 39–42; Cramer 1924: 20–21; Dammerman 1929; Dampf 1928: 14; D'Angremond 1940: 1–76; Davelaar 1921: 1–2; De Albuquerque Leao 1941; Decelle 1954; De Ingunza & Augusto 1964: 96–98; De La Torre et al. 1962a: 1–6, 1962b; Dias 1936: 60–66; Dinther 1960: 111; Do Amaral & Oliveira 1974; Do Amaral, Vaz Arruda, & Do Amaral 1973; Dromillon 1959: 198–207; Dumbleton 1954: 28, 104; Dupont 1925: 79; Duval 1949: 85–102; Duval et al. 1948; Edwall 1924: 257–302; Edwards et al. 1952, 1953; Emden 1924: 187–188; Escherich 1926: 593–613, 645–652, 1927: 493–498; Esteves 1959a, 1959b, 1961; Evans, A. C. 1960; Evans, D. E. 1965a, 1965b: 335, 1965c; Ferrao 1951, 1964; Ferreira Lima 1945: 225–231; Figueiredo, Pizzie, & Orlando 1959: 21–24; Filho 1925; Fleutiaux 1901; Flores Ruegg, Lord, & Mesquita 1977; Fonseca 1930: 87, 1934: 267, 1937: 220–229, 1939a: 57–59; Fonseca & Antuori 1932: 1–87; Fonseca & Aranjó 1939: 486–504; Fonseca & Morae 1938: 285–291, 325–334, 368–376; Fontes 1961a, 1961b; Forsyth 1960: 280; Franco do Amaral 1956: 39–47; Franco do Amaral & Pizzi 1960; Franz 1949a; Friederichs 1921: 368, 1922b, 1922c, 1922e, 1922f, 1923a, 1923b, 1923c, 1923d, 1923e, 1923f, 1924b, 1924c, 1924d, 1925a, 1925b, 1925c, 1925d, 1925e, 1926d: 36–40, 78, 123, 1927b: 1–14; Friederichs & Bally 1922: 75–80, 1923: 103–147; Frohlich & Rodewald 1969: 97; Gallo 1963; Gandrup 1921: 886, 1922b, 1922c,

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(tc) Bright 1985c: 175; Corbett 1933; Costa Lima 1924, 1956; Eggers 1922a: 85, 1923a: 129–130, 1927a: 177, 1929: 50, 1936d: 626, 1940c: 233; Eichhoff 1872a: 133, 1878b: 153–155; Endrodi 1957b; Essig 1942: 605; Everts 1903: 756; Ferrari 1867a: 11–12, 1867b: 113; Frolich & Rodewald 1969; Hagedorn 1910a: 86, 1910e: 2; Hopkins 1915b: 24; Le Pelley 1968: 114; Lindemann 1877a: 168; Mbondji 1973; Meixner 1937: 1217; Nunberg

1952: 19; Peyerimhoff 1935: 193; Reitter 1894a: 74, 1902: 191, 1906: 707–713, 1913a: 72, 1916: 290; Sampson 1923a: 269–271; Schedl 1934f: 1640, 1941d: 350, 1942d: 2, 1950c: 204, 1950d: 7, 16, 19, 1951b: 376, 1951f: 40, 1953g: 241, 1954d: 871, 1955f: 258, 1957a: 192, 1959a: 485, 1961k: 562–563, 1980a: 16; Wood, S. L. 1957e: 1273, 1960a: 35, 1972f: 48, 1982b: 888; Yunus & Balasubramaniam 1975: 74. **(ms)** Boocock 1959d: Busse 1926; Do Amaral, Vaz, Arruda, & Do Amaral 1973; Eggers 1940c: 63; Howard 1930: 360; Kalshoven 1961b: 94; Merino-Rodriguez 1966: 49; Solly 1966; Sprengel 1926: 78.

coffea Hagedorn 1910c: 1 (*Stephanoderes*). Syntypes ♀; Entebbe, Uganda, Zentralafrika, Angola; BMNH, London. Synonymy: Hagedorn 1912: 40.

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coffeivornis Weele 1910: 1 (*Xyleborus*). Syntypes, sex?; Java; not located. Synonymy: Strolmeyer 1910f: 186.

References: **(cn)** Chevalier 1947; Kalshoven 1932: 253; Roepke 1919a: 7; Strolmeyer 1910f: 186–187. **(hb)** Chevalier 1947; Kalsho-

ven 1932: 253; Roepke 1919a: 7. **(ds)** Brakman 1966: 206; Everts 1927; Strolmeyer 1910f: 186–187. **(tx)** Hagedorn 1912b: 40–41; Schedl 1962j: 583; Weele 1910: 308.

cooki Hopkins 1915b: 27 (*Stephanoderes*). Holotype ♀; Mount Coffee, Liberia; USNM, Washington. Synonymy: Schedl 1959a: 485.

References: **(tx)** Hopkins 1915b: 22, 27; Schedl 1959a: 111, 1961k: 563.

coficola Campos Novas 1922: 67 (*Xyleborus*). Syntypes, sex?; Brazil; not located. Synonymy: Costa Lima 1924: 316.

References: **(cn)** Bergamin 1945: 290–293. **(hb)** Kalshoven 1963. **(ds)** Blackwelder 1947: 778; Kalshoven 1963; Kleine 1934a: 172; Roba 1935: 340. **(tx)** Campos Novas 1922: 67–68; Costa Lima 1924: 316–319, 413–416, 1925: 194–199, 365–368; Schedl 1959a: 485, 1961k: 563.

punctatus Eggers 1924: 101 (*Stephanoderes*). Lectotype, sex?; Eala (Congostaat); USNM, Washington, designated by Anderson & Anderson 1971: 27. Synonymy: Wood 1972f: 48.

References: **(bv)** Schedl 1960f: 33. **(cn)** Chesquiere 1933a: 26–36, 1933b: 774–782; Kenner 1924: 1–33; Mayne & Donis 1951: 333–334. **(cc)** Mayne & Donis 1951: 333–334. **(hb)** Schedl 196k: 618. **(ds)** Chesquiere 1933a: 26–36; Lepesme 1947: 644–645; Lepesme et al. 1948: 644; Mayne & Donis 1962: 313; Roba 1935: 340; Schedl 1960f: 11, 1961k: 618, 1967e: 212. **(tx)** Anderson, W. H. & Anderson 1971: 27; Eggers 1924: 101; Schedl 1961k: 618; Wood, S. L. 1972f: 48.

glabellus Schedl 1952a: 452 (*Stephanoderes*). Lectotype, sex?; Argentina, Buenos Aires, Isla Martin Cargia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 104. Synonymy: Wood 1989: 174.

References: **(hb)** Viana 1964: 122. **(ds)** Viana 1964: 122. **(tx)** Schedl 1952a: 452, 1979c: 104; Wood, S. L. 1974: 174.

hirtus (Wood) 1954a: 1020 (*Stephanoderes*). Holotype ♀; Plantation Key, Florida [USA]; SMUK, Lawrence.

Distribution: North America (S Florida in USA). Hosts: *Acras sapota*, *Ardesia paniculata*, *Eugenia buxifolia*, *Ipomoea cathartica*, *Lysoloma bahamensis*, *Mctopium toxiferum*, *Pithecellobium guadeloupense*, *P. unguis-cati*, *Reynosia septentrionalis*. References: **(hb)** Wood, S. L. 1953: 120, 1954a: 1020. **(ds)** Wood, S. L. 1982b: 881. **(tx)** Wood, S. L. 1953: 120, 1954a: 1017, 1020, 1982b: 881.

hirtipennis Schedl 1952a: 450. Lectotype, sex?; Argentine, Buenos Aires, Tigre; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 118.

Distribution: South America (Argentina).

- References: **(hb)** Viana 1964: 121. **(ds)** Viana 1964: 121. **(tx)** Schedl 1952a: 450, 1979c: 118.
- hystrix** (Eggers) 1919: 242 (*Adiacretus*). Lectotype ♀; Anani (Deutsch-Ostafrika); USNM, Washington, designated by Anderson & Anderson 1971: 14. Distribution: Africa (Tanzania). Hosts: *Laurus nobilis*.
References: **(ds)** Kleine 1934a: 149; Schedl 1961k: 507. **(tx)** Anderson, W. H. & Anderson 1971: 14; Eggers 1919: 242–243, 1920: 120–121; Schedl 1939i: 350, 1961k: 507.
- incognitus** (Schedl) 1967e: 227 (*Stephanoderes*). Holotype ♀; Kindamba, Mexa, Bangon forest [Congo, Brazzaville]; NHMB, Budapest. Distribution: Africa (Congo).
References: **(tx)** Schedl 1967e: 227–228, 1979c: 123.
- indigenus** Wood 1974a: 20. Holotype ♀; 9 km S Huajuapán, Oaxaca, Mexico; Wood Collection. Distribution: North America (Jalisco, Nayarit, Oaxaca, Puebla in Mexico). Hosts: *Psittacanthus* sp., *Serjania* sp., *Toxicodendron* sp.
References: **(ds)** Wood, S. L. 1982b: 853. **(tx)** Wood, S. L. 1974a: 20, 1982b: 853.
- inermis** Browne 1984d: 94. Holotype, sex?; New Guinea; Kaisenik; BMNH, London. Distribution: New Guinea. Hosts: *Nothofagus* sp.
References: **(tx)** Browne 1984d: 94.
- ingens** (Schedl) 1942d: 18 (*Stephanoderes*). Lectotype, sex?; Java, Semarang, teak forest, Buitenzorg; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 124. Distribution: Asia (Vietnam), Indonesia (Java, Sumatra).
References: **(hb)** Kalshoven 1958b: 169. **(ds)** Browne 1970: 540; Schedl 1965a: 339, 1967e: 212. **(tx)** Schedl 1942d: 18, 1953b: 124, 1954a: 139, 1965g: 22, 1979c: 124.
- grandis** Schedl 1969c: 49 (*Cryphalomorphus*). Holotype, sex?; Indo-China; Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 174.
References: **(tx)** Schedl 1961k: 502, 1969c: 49, 1971e: 10, 1979c: 108; Wood, S. L. 1989: 174.
- insignis** Browne 1984a: 151. Holotype, sex?; Niah (Sarawak) to Nagoya (Japan), imported; BMNH, London. Distribution: Indonesia (Sarawak in Borneo).
References: **(tx)** Browne 1984a: 151.
- interstitialis** (Hopkins) 1915b: 28 (*Stephanoderes*). Holotype ♀; Victoria, Texas [USA]; USNM, Washington. Distribution: Antilles Islands (Cuba/ Jamaica), North America (Costa Rica/ Guatemala/ Honduras/ Chiapas, Nayarit, Veracruz in Mexico/ Panama/ Alabama, Connecticut, District of Columbia, Florida, Georgia, Illinois, Kansas, Kentucky, Louisiana, Maryland, Mississippi, New Jersey, North Carolina, Pennsylvania, South Carolina, Tennessee, Texas, Virginia, West Virginia in USA), South America (Brazil/ Colombia). Hosts: *Acer rubrum*, *Aesculus* sp., *Carya* spp., *Cercis canadensis*, *Fagus grandifolia*, *Ficus* sp., *Liquidambar styraciflua*, *Magnolia* sp., *Miconia* sp., *Mimosa* sp., *Morus rubra*, *Ocotea catesbyana*, *Persea borbonica*, *Picea* sp., *Prosopis* sp., *Quercus* spp., *Rhododendron* sp., *Rhus* spp., *Serjania* sp., *Vismia* sp., *Vitis* sp.
References: **(bv)** Roling & Kearby 1975b, 1977. **(cn)** Roling & Kearby 1977. **(ce)** Equilma & Atkinson 1986: 632; Roling & Kearby 1977. **(hb)** Baker, W. L. 1972: 254; Blackman 1922b: 93–94; Chamberlin 1939: 307; Deyrup & Atkinson 1987a: 66; Equilma & Atkinson 1986: 632; Wood, S. L. 1953: 145, 1954a: 1033. **(ds)** Atkinson & Equilma 1985c: 356, 1988: 92; Blackman 1922b: 93–94; Bright 1985c: 175; Chamberlin 1939: 307; Deyrup 1981b: 7; Deyrup & Atkinson 1987a: 66; Drooz 1985: 365; Equilma & Atkinson 1986: 632, 1988: 210; Kirk 1970; Leng 1940: 340; Turnbow & Franklin 1980; Wood, S. L. 1952b: 857. **(tx)** Blackman 1922b: 93–94; Bright 1985c: 175; Chamberlin 1939: 307; Hopkins 1915b: 22, 28; Wood, S. L. 1953: 145, 1954a: 959, 1033, 1972f: 48, 1982b: 857.
- interpunctus** Hopkins 1915b: 28 (*Stephanoderes*). Holotype ♀; Brownsville, Texas [USA]; USNM, Washington. Synonymy: Wood 1954a: 1033.
References: **(hb)** Beal & Massey 1945: 114; Blackman 1922b: 93; Chamberlin 1939: 307. **(ds)** Beal & Massey 1945: 114; Blackman 1922b: 93; Blackwelder 1947: 778; Chamberlin 1939: 307; Kleine 1934a: 145; Leng 1920: 340. **(tx)** Beal & Massey 1945: 114; Blackman 1922b: 93; Chamberlin 1939: 307; Hopkins 1915b: 22, 28; Schedl 1940a: 342; Wood, S. L. 1954a: 959, 1033.
- flavescens** Hopkins 1915b: 29 (*Stephanoderes*). Holotype ♀; Tallahassee, Florida [USA]; USNM, Washington. Synonymy: Wood 1954a: 1033.
References: **(hb)** Chamberlin 1939: 309. **(ds)** Blatchley & Leng 1916: 602; Chamberlin 1939: 309; Leng 1920: 340. **(tx)** Blackman 1922b: 92; Blatchley & Leng 1916: 602; Chamberlin 1939: 309; Hopkins 1915b: 23, 29; Wood, S. L. 1954a: 959, 1033.
- approximatus** Hopkins 1915b: 29 (*Stephanoderes*). Holotype ♀; Columbus, Texas [USA]; USNM, Washington. Synonymy: Wood 1954a: 1033.
References: **(hb)** Blackman 1922b: 93; Chamberlin 1939: 307. **(ds)** Blackman 1922b: Chamberlin 1939: 307; Kleine 1934a: 145; Leng 1920: 340. **(tx)** Blackman 1922b: 93;

- Chamberlin 1939: 307; Hopkins 1915b: 23, 29; Wood, S. L. 1954a: 959, 1033.
- obliquus* Hopkins 1915b: 30 (*Stephanoderes*).
Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 48.
References: (**ds**) Blackwelder 1947: 775; Leng & Mutchler 1917: 219. (**tx**) Hopkins 1915b: 23, 30; Wood, S. L. 1972f: 48.
- opacipennis* Hopkins 1915b: 30 (*Stephanoderes*).
Holotype ♀; District of Columbia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1033.
References: (**hb**) Chamberlin 1939: 309. (**ds**) Blatchley & Leng 1916: 602; Chamberlin 1939: 309; Leng 1920: 340. (**tx**) Blatchley & Leng 1916: 602; Chamberlin 1939: 309; Hopkins 1915b: 23, 30; Wood, S. L. 1954a: 959, 1033.
- quadridentatus* Hopkins 1915b: 30 (*Stephanoderes*).
Holotype ♀; Morgantown, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1033.
References: (**hb**) Blackman 1922b: 91; Chamberlin 1939: 306. (**ds**) Blackman 1922b: 91; Blatchley & Leng 1916: 602; Chamberlin 1925, 1939: 306; Hoffmann 1942: 13; Kleine 1934a: 145; Leng 1920: 340. (**tx**) Blackman 1922b: 91; Blatchley & Leng 1916: 602; Chamberlin 1939: 306; Hopkins 1915b: 23, 30; Wood, S. L. 1954a: 959, 1033.
- intricatus* (Schedl) 1950d: 25 (*Stephanoderes*).
Holotype, sex?; Uganda; Schedl Collection in NHMW, Wien.
Distribution: Africa (Uganda).
Hosts: *Theobroma cacao*.
References: (**ds**) Schedl 1961k: 599. (**tx**) Numberg 1960: 291; Schedl 1950d: 25, 1961k: 590, 599, 1979c: 128.
- japonicus* (Niisima) 1910a: 10 (*Cryphalus*).
Syn-types, sex?; Japan: Honshu; Nobuchi Collection, Ibaraki.
Distribution: Asia (Honshu in Japan).
References: (**ds**) Murayama 1954b: 199; Nobuchi 1955c: 16. (**tx**) Murayama 1954b: 199; Niisima 1910a: 10; Schedl 1934f: 1640.
- jaramus* (Eggers) 1908c: 215 (*Stephanoderes*).
Lectotype ♀; Java; USNM, Washington, designated by Anderson & Anderson 1971: 16.
Figures: Maiti & Saha 1986: 167 (adult, antenna).
Distribution: Africa (Cameroon/ Congo/ Gabon/ Ghana/ Ivory Coast/ Mozambique/ Sierra Leone/ St. Thome Island/ Zaïre/ Zambia), Antilles Islands (Cuba/ Guadeloupe/ Haiti in Hispaniola/ Martinique), Asia (Andaman Islands, Assam, Kerala, Nicobar Islands in India/ Malaya/ Sri Lanka/ Taiwan/ Thailand), Indonesia (Borneo, Java), North America (Jalisco in Mexico/ Florida in USA), Philippine Islands, South America (Brazil/ Venezuela).
Hosts: *Banhtinia alba*, *B. tomentosa*, *Budianaana sessilifolia*, *Caesalpinia pulcherrima*, *Conocarpus erecta*, *Dipterocarpus zeylanicus*, *Dryobalanops aromatica*, *Dyera costulata*, *Elcagnus pungens fruitlandi*, *Ficus aurca*, *Gossypium hirsutum*, *Hevea brasiliensis*, *Leucania glauca*, *Mangifera indica*, *Ochroma* sp., *Ocotea catesbiana*, *Personia borbonica*, *Rhcedia* sp., *Rhizophora mangle*, *Sterculia macrophylla*, *Tamarindus indica*, *Trema floridana*, *Vitis* sp.
References: (**cn**) Mathur & Singh 1961a: 70; Sladden 1934: 27. (**cc**) Sladden 1934: 27; Wichmann 1955a: 98. (**hb**) Beaver 1957a: 19; Beaver & Loytyniemi 1955a: 80; Browne 1961c: 72–73; Deyrup & Atkinson 1957a: 66; Kalshoven 1955b: 169; Loytyniemi, Beaver, & Loytyniemi 1954; Sladden 1934: 27; Yimus & Hua 1980: 229. (**ds**) Atkinson & Equilina 1955c: 357; Beaver 1957a: 19, 1990a: 280; Beaver & Loytyniemi 1955a: 80; Beeson 1961: 299; Bright 1955c: 175; Browne 1961c: 73, 1950d: 493; Deyrup & Atkinson 1957a: 66; Hagedorn 1910d: 43; Kleine 1913b: 121, 1914b: 288, 1934a: 145; Maiti & Saha 1986: 167; Mathur & Singh 1961a: 70; Nobuchi 1967: 24; Schedl 1936d: 1, 1959a: 455; Van Swalocnburg 1956: 9; Wichmann 1955a: 98; Wood, S. L. 1957c: 402, 1977a: 71, 1952b: 909; Yimus & Hua 1980: 229. (**tx**) Anderson, W. H. & Anderson 1971: 16; Bright 1955c: 175; Eggers 1908c: 215, 1922b: 167, 1927b: 396, 1936d: 626; Hagedorn 1910a: 56; Hopkins 1915b: 24; Schedl 1939f: 35, 1942d: 3, 1952c: 62, 1954a: 139, 1958k: 143, 1959a: 455, 1959c: 328, 1961k: 603, 1962p: 204, 1979c: 130; Wood, S. L. 1957c: 402, 1960a: 79, 1967b: 79, 1975b: 393, 1976a: 348, 1982b: 909.
- obesus* Hopkins 1915b: 30 (*Stephanoderes*).
Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1957c: 402.
References: (**hb**) Wood, S. L. 1953: 139, 1954a: 1029. (**ds**) Blackwelder 1947: 775; Leng & Mutchler 1917: 219. (**tx**) Hopkins 1915b: 23, 30; Schedl 1962p: 204; Wood, S. L. 1953: 139, 1954a: 1018, 1029, 1957c: 402, 1975b: 393.
- philippinensis* Hopkins 1915b: 31 (*Stephanoderes*).
Holotype ♀; Angat, Philippine Islands; USNM, Washington. Synonymy: Wood 1975f: 393.
References: (**tx**) Hopkins 1915b: 23, 31; Wood, S. L. 1957c: 402, 1975b: 393.
- bananensis* Eggers 1922b: 167 (*Stephanoderes*).
Syntypes 2, sex?; Banana, Congo; Eggers Collection (USNM, Washington or NHMW, Wien?). Synonymy: Wood 1972f: 51.
References: (**bv**) Schedl 1960f: 77. (**cn**) Ghesquiere 1933a: 31–35, 1933b: 782; Schmitz & Crisinel 1957: 12. (**hb**) Schmitz & Crisinel 1957: 12. (**ds**) Ghesquiere 1933a; Kleine 1934a: 145; Schedl 1960f: 31, 1961k: 552. (**tx**) Eggers 1922b: 167–168, 1924: 102, 1927a:

- 197; Schedl 1948c: 664, 1950d: 17, 1954d: 871, 1961k: 547, 552; Wood, S. L. 1967b: 79, 1972f: 51, 1975b: 393.
- kalshoveni* Schedl 1939f: 35 (*Stephanoderes*). Lectotype, sex?; Pasoeroean, Java; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 131. Synonymy: Wood 1972f: 51. References: (**hb**) Kalshoven 1958: 169. (**tx**) Schedl 1939f: 35–36; Wood, S. L. 1972f: 51, 1975b: 393, 1979c: 131.
- subagnatus* Eggers 1940b: 101 (*Stephanoderes*). Holotype ♀; Eala, Congo; MRCB, Tervuren. Synonymy: Wood 1972f: 51. References: (**ec**) Schedl 1961k: 625. (**hb**) Schedl 1961k: 625. (**ds**) Mayne & Donis 1962: 313; Schedl 1961k: 625, 1962h: 58, 1962k: 1070. (**tx**) Eggers 1940b: 101–102; Schedl 1961k: 625, 1979c: 239; Wood, S. L. 1967b: 79, 1972f: 51, 1975b: 393.
- pistor* Schedl 1951m: 102 (*Stephanoderes*). Syn-types 2, sex?; Havana, Cuba; Schedl Collection in NHMW, Wien. Synonymy: Wood 1976a: 348. Notes: (1) Schedl 1979c: 195 (citation of holotype invalid). References: (**tx**) Schedl 1951m: 102, 1979c: 195; Wood, S. L. 1976a: 348.
- prosper* Schedl 1951m: 103 (*Stephanoderes*). Holotype ♀; Guadeloupe; Schedl Collection in NHMW, Wien. Synonymy: Wood 1976a: 348. References: (**ds**) Schedl 1960a: 76. (**tx**) Schedl 1951m: 103, 1979c: 199; Wood, S. L. 1976a: 348.
- kraunhiae* (Murayama) 1950a: 50 (*Cryphalus*). Syntypes, sex?; Fuchu, Tokyo pref., Honshu, Japan; Murayama Collection in USNM, Washington. Distribution: Asia (Honshu in Japan). Hosts: *Kraunhia floribunda*. References: (**ds**) Murayama 1954b: 164. (**tx**) Murayama 1950a: 50, 1954b: 164.
- krivolutskayae* Wood 1992b: 79. Holotype, sex?; Eastern USSR; Institute of Zoology, Academy of Science, Vladivostok, automatic. Distribution: Asia (eastern USSR). Hosts: *Botrocarium controversum*. References: (**tx**) Krivolutskaya 1968: 56–58; Wood, S. L. 1992b: 79.
- insularum* Krivolutskaya 1968: 56. Holotype, sex?; Eastern USSR; Institute of Zoology, Academy of Science, Vladivostok, preoccupied by Perkins 1900. References: (**hb**) Krivolutskaya 1973: 138. (**ds**) Krivolutskaya 1965a: 236, 1973: 138. (**tx**) Krivolutskaya 1968: 56–58; Wood, S. L. 1992b: 79.
- lamuensis* (Eggers) 1935c: 304 (*Stephanoderes*). Holotype, sex?; Kenya Colony (Lamu); BMNH, London. Distribution: Africa (Kenya). References: (**tx**) Eggers 1935c: 304; Schedl 1950d: 17, 1961k: 601.
- leferrei* (Schedl) 1952j: 8 (*Stephanoderes*). Lectotype, sex?; Congo Belge; Kivu, Mulungu; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 138. Distribution: Africa (Ruanda/Zaire). Hosts: *Ficus capensis*, *Millettia ferruginea*, *Myrica salicifolia*. References: (**ds**) Schedl 1961k: 602. (**tx**) Schedl 1952j: 8, 1961k: 602, 1979c: 138.
- leprieuri* (Perris) 1866: 194 (*Dryocoetes*). Holotype, sex?; Algier; MNHN, Paris. Distribution: Africa (Algeria), Asia (Israel/ Syria/ Turkey), Europe (Sardinia). Notes: (1) Eggers 1940b: 62 (to *Hypothenemus*). (3) Although verification is needed, *californicus* may be a synonym (SLW). References: (**ds**) Gemminger & Harold 1872: 2687; Hagedorn 1910d: 67; Kleine 1913b: 136, 1914a: 16; Peyerimhoff 1935: 195; Reitter 1894a: 75; Schedl 1969g: 290. (**tx**) Balachowsky 1949a: 205; Eggers 1921: 40, 1940b: 62; Eichhoff 1868d: 419; Ferrari 1867a: 31; Hagedorn 1910a: 96; Perris 1866: 194; Peyerimhoff 1935: 195–196; Reitter 1894a: 75; Schedl 1934f: 1640; Wichmann 1913d: 144. (**ms**) Eichhoff 1956d: 419.
- albipilis* Reitter 1887b: 195 (*Stephanoderes*). Holotype, sex?; Jerusalem; NHMB, Budapest. Synonymy: Eggers 1940b: 62. References: (**ds**) Hagedorn 1910d: 40; Hariri 1971: 262; Kleine 1913b: 121; Reitter 1894a: 74. (**tx**) Eggers 1940b: 62; Hagedorn 1910a: 55; Hopkins 1915b: 15; Reitter 1887b: 195, 1894a: 74, 1913a: 72; Schedl 1934f: 1640; Wichmann 1911c: 210.
- kraussei* Wichmann 1911c: 210. Syntypes, sex?; Sardinia; not located. Synonymy: Eggers 1921: 40. References: (**tx**) Eggers 1912f: 29, 1921: 40, 1940b: 62; Reitter 1913a: 72; Schedl 1934f: 1640; Wichmann 1911c: 210, 1913: 144.
- liberiensis* (Hopkins) 1915b: 31 (*Stephanoderes*). Holotype, sex?; Mount Coffee, Liberia, West Africa; USNM, Washington. Distribution: Africa (Ivory Coast/ Liberia/ Tanzania/ Uganda/ Zaire). Hosts: *Coffea* sp., *Delonix regia*, *Prosopis chilensis*, *Theobroma cacao*. References: (**ec**) Halperin & Holzschuh 1984: 26. (**hb**) Halperin & Holzschuh 1984: 26. (**ds**) Beaver & Loytyniemi 1985a: 80; Halperin & Holzschuh 1984: 26; Schedl 1961k: 602. (**tx**) Hopkins 1915b: 24, 31; Schedl 1961k: 602; Wood, S. L. 1967b: 78. *theobromae* Eggers 1932c: 32 (*Stephanoderes*). Holotype, sex?; Congostaat (N' Gazi, Aniwini), mid Barambu; MRCB, Tervuren. Synonymy: Wood 1968b: 78.

References: **(cn)** Ghesquiere 1933a: 25–36, 1933b: 774–786; Magnin 1954: 465. **(hb)** Schedl 1961k: 626. **(ds)** Ghesquiere 1933a: Kleine 1934a: 145; Schedl 1961k: 625, 1962k: 1070, 1965f: 4, 1967c: 212. **(tx)** Eggers 1932c: 32–33; Schedl 1950d: 17, 1961k: 625–626, 1962k: 1070.

lineatus (Eggers) 1927a: 175 (*Stephanoderes*). Holotype ♀; Belg.-Congo; Bauana; USNM, Washington.

Distribution: Africa (Tanzania/Zaire).

References: **(ds)** Schedl 1961k: 507. **(tx)** Anderson, W. H. & Anderson 1971: 18; Eggers 1927a: 175–176; Schedl 1950d: 3, 1961k: 507

longipennis (Eggers) 1935c: 305 (*Stephanoderes*). Holotype, sex?: Congostaat (Nialopu); Schedl Collection in NHMW, Wien.

Distribution: Africa (Angola/Tanzania/Zaire).

Hosts: *Hagenia abyssinica*, *Persca indica*.

References: **(ds)** Ferreira 1965: 1115; Mayne & Donis 1962: 312; Schedl 1959p: 17, 1961k: 602, 1967c: 212. **(tx)** Eggers 1935c: 305, 1936c: 36; Schedl 1961k: 602–603, 1979c: 141.

longipilis Schedl 1952a: 451. Lectotype, sex?: Argentina, Buenos Aires, Tigre; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 141.

Distribution: South America (Argentina).

References: **(hb)** Viana 1964: 121. **(ds)** Viana 1964: 121. **(tx)** Schedl 1952a: 451, 1979c: 141.

macrobii (Eggers) 1940c: 234 (*Stephanoderes*). Holotype, sex?: Congostaat; Eggers Collection, in NHMW, Wien.

Distribution: Africa (Angola/Tanzania/Zaire), Madagascar.

Hosts: *Anacardium occidentale*, *Gilbertiodendron decurrens*, *Jatropha* sp., *Macrobolium* sp., *Microcos pinnatifida*, *Polyalthia suaveolens*, *Synsепalum subcordatum*.

References: **(cn)** Beccari & Gerini 1968: 129–134. **(hb)** Schedl 1961: 603–604, 1977a: 71. **(ds)** Schedl 1961k: 604, 1977a: 71. **(tx)** Eggers 1940c: 234; Schedl 1950d: 17–18, 1954e: 76, 1957d: 58, 1961k: 604, 1977a: 71, 1979c: 143.

madagascariensis Schedl 1953d: 82. Lectotype ♀; Tananarive, Tsimbazaza; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 144.

Distribution: Madagascar.

Notes: (3) The lectotype on which this species is based could be a specimen of *erectus* LeConte or *eryphaloides* Eichhoff.

References: **(tx)** Schedl 1953d: 82, 1961e: 131–132, 1963i: 61–62, 1977b: 40, 56, 1979c: 144.

magnus (Eggers) 1924: 102 (*Stephanoderes*). Holotype, sex?: Malela (Congostaat); MRCB, Tervuren.

Figures: Schedl 1961k: 545.

Distribution: Africa (Congo).

References: **(tx)** Eggers 1924: 102, 1927a: 198,

1932c: 33; Schedl 1939g: 170, 1939i: 354, 1940d: 589, 1961k: 545.

major Browne 1970: 555. Holotype ♀; Sarawak; Quop; BMNH, London.

Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo).

References: **(tx)** Browne 1970: 555.

malayensis (Schedl) 1977f: 499 (*Lepiceriodes*). Holotype, sex?: Malaysia: Malaya, Selangor, Simgai Buloh, Kuala Lumpur; Schedl Collection in NHMW, Wien.

Distribution: Asia (Malaya).

References: **(tx)** Schedl 1950d: 3, 1977f: 499.

mallyi (Hopkins) 1915b: 32 (*Stephanoderes*). Holotype ♀; Capetown, South Africa; USNM, Washington.

Distribution: Africa (Congo/Mozambique/South Africa).

References: **(tx)** Hopkins 1915b: 24, 32; Schedl 1961k: 604; Wood, S. L. 1972f: 48.

soussouensis Eggers 1943e: 74 (*Stephanoderes*). Holotype ♀; Zambese (Environ de Sone, M. Soussou); MNHN, Paris, 2 Eggers cotypes in NHMW, Wien. Synonymy: Wood 1972f: 48.

References: **(ds)** Eggers 1943e: 74; Schedl 1965g: 20, 1982: 278. **(tx)** Schedl 1953d: 68, 1961k: 624, 1965c: 59, 1965g: 20, 1965j: 198, 1979c: 232; Wood, S. L. 1972f: 48.

malus (Schedl) 1957d: 56 (*Stephanoderes*). Holotype, sex?: Cape Province; Trappes Valley; BMNH, London.

Distribution: Africa (South Africa).

Hosts: *Ficus* sp., *Pyrus malus*, *Rhus lancea*.

References: **(cn)** Anonymous 1970c: 13. **(ds)** Anonymous 1970c: 13; Schedl 1961k: 604. **(tx)** Schedl 1957d: 56, 1961k: 604, 1979c: 147.

maugovorius Schedl 1961e: 134. Holotype, sex?: Madagascar, Montagne d'Ambre, Joffreville; IRSM, Madagascar.

Distribution: Madagascar.

Hosts: *Mangifera indica*.

References: **(tx)** Schedl 1961e: 134, 1977b: 56, 1979c: 148.

marshalli (Eggers) 1936c: 36 (*Stephanoderes*). Holotype, sex?: Natal; Estcourt, 4000 feet; BMNH, London.

Distribution: Africa (South Africa/Zaire).

Hosts: *Azalia bella*, *Scutia myrtina*.

References: **(tx)** Eggers 1936c: 36; Schedl 1961k: 605.

mateni (Schedl) 1965j: 198 (*Stephanoderes*). Holotype, sex?: Sahara mer., Ouedi Kobone, Emedi; MNHN, Paris.

Distribution: Africa (Chad), Asia (Israel).

Hosts: *Acacia raddiana*.

References: **(ce)** Halperin & Holzschuh 1984: 26. **(hb)** Halperin & Holzschuh 1984: 26. **(ds)**

- Halperin & Holzschuh 1984: 26. **(tx)** Schedl 1965j: 198, 1971d: 433, 1979c: 149.
- melanarius (Schedl)** 1953d: 80 (*Cosmoderes*). Lectotype, sex[?]; Madagascar, Mt. d'Ambre; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 151. Distribution: Madagascar. Notes: (1) Schedl 1962: 88 (to *Styloleptus*, =*Hypothencennus*). References: **(hb)** Schedl 1977a: 38. **(ds)** Schedl 1977a: 38. **(tx)** Schedl 1953d: 80–81, 1962r: 88, 1977a: 38, 1979c: 151.
- melasomus (Lea)** 1910: 140 (*Cryphalus*). Syntypes, sex[?]; N.S. Wales: Clearence River, Wollongong; SAM, Adelaide. Distribution: Australia (New South Wales/Queensland). Hosts: *Alphitonia excelsa*, *Casuarina* sp., *Delonix regia*, *Eucalyptus acuminoides*. References: **(ds)** Brimblecombe 1953: 26; Schedl 1936g: 527, 1962i: 74. **(tx)** Lea 1910: 140; Schedl 1936g: 527, 1938f: 46, 1948g: 25, 1958i: 214, 1959c: 168.
- miles (LeConte)** 1878a: 433 (*Cryphalus*). Syntypes 2 ♀; Tampa, Florida [USA]; USNM, Washington, 1 syntype lost before 1952. Distribution: North America (Florida, Georgia, E Texas in USA). References: **(hb)** Chamberlin 1939: 288; Deyrup & Atkinson 1987a: 66. **(ds)** Atkinson et al. 1991: 161; Chamberlin 1939: 288; Deyrup & Atkinson 1987a: 66; Hagedorn 1910d: 44; Henshaw 1882: 269, 1885: 148; Kleine 1913b: 118, 1914b: 383, 1934a: 142; Leng 1920: 339; Schwarz 1878d: 468; Swaine 1909: 92; Wood, S. L. 1982b: 904. **(tx)** Chamberlin 1939: 288; Hagedorn 1910a: 87; Hopkins 1915b: 13; LeConte 1878a: 433, 468; Swaine 1909: 92; Wood, S. L. 1953: 211, 1954a: 979, 1053, 1064, 1982b: 904.
- minor (Eggers)** 1927a: 178 (*Adiaeretus*). Holotype, sex[?]; Ostafrika: Muansa; Methmer Collection in MNB, Berlin. Distribution: Africa (Mozambique/Tanzania). References: **(tx)** Eggers 1927a: 178; Schedl 1961k: 508.
- modestus (Murayama)** 1940a: 236 (*Cryphalus*). Syntypes, sex[?]; Seiryu dans Jehol, Manchonkuo, China; Murayama Collection in USNM, Washington. Distribution: Asia ("Manchonkuo," "Manchuria" in China/Japan/ Korea). Hosts: *Ulmus pumila*. References: **(ds)** Murayama 1940a: 232, 236, 1942a: 55, 1953c: 151, 1954b: 164, 1955: 102. **(tx)** Murayama 1940a: 232, 236, 1950a: 51, 1954b: 164, 1955: 102; Nobuchi 1985c: 16; Sokanovskii 1959a: 277.
- morigerus (Schedl)** 1957d: 57 (*Stephanoderes*). Holotype, sex[?]; Congo Belge: Yangambi, Kivu. Cluté de la Rutschuru; MRCB, Tervuren. Distribution: Africa (Zaire). Hosts: *Afzelia bella*, *Scutia myrtina*. References: **(hb)** Schedl 1961k: 605. **(ds)** Schedl 1961k: 605. **(tx)** Schedl 1957d: 57, 1961k: 605, 1979c: 159.
- morio (Eggers)** 1940b: 101 (*Stephanoderes*). Lectotype ♀; Congostaat (Lusambo); USNM, Washington, designated by Anderson & Anderson 1971: 21. Distribution: Africa (Angola/ Ghana/ Sierra Leone/ South Africa/ Uganda/ Zaire), Madagascar. Hosts: *Bauhinia tomentosa*, *Cassia parkii*, *Cynometra alexandri*, *Mangifera indica*, *Spondianthus precusii*, *Theobroma cacao*. References: **(hb)** Pollet 1977; Schedl 1961k: 605. **(ds)** Ferreira 1965: 1115; Mayne & Donis 1962: 312; Pollet 1977; Schedl 1959p: 17, 1961k: 605, 1962b: 58, 1962k: 1070, 1965f: 4, 1977a: 72. **(tx)** Anderson, W. H. & Anderson 1971: 21; Eggers 1940b: 101; Schedl 1950d: 24, 1961k: 605, 1965g: 19, 1977a: 72, 1979c: 159.
- morosus Schedl** 1965c: 57. Holotype, sex[?]; Madagascar, Ambodivoangy; Madagascar-Est, det., Sambava, R.N. XI, Marojejy-Onest, 1140 m; IRSM, Madagascar. Distribution: Madagascar. References: **(tx)** Schedl 1965c: 57, 1977b: 57, 1979c: 160.
- mozambiquensis Eggers** 1943e: 75. Holotype ♀; Mozambique (Chimoio, Vila Pery); MNHN, Paris, 2 Eggers cotypes in NHMW, Wien. Distribution: Africa (Mozambique/ Sierra Leone/ South Africa). Hosts: *Bauhinia tomentosa*. References: **(ds)** Schedl 1961k: 508. **(tx)** Browne 1970: 553; Eggers 1943e: 75; Schedl 1950d: 18, 1953d: 80, 82, 1961k: 508, 1979c: 160.
- mulongensis (Eggers)** 1940c: 235 (*Stephanoderes*). Syntypes ♀; Congostaat, Mulongo (Nimzui); MRCB, Tervuren. Distribution: Africa (Ghana/ Zaire). Hosts: *Cassia siamea*. References: **(cn)** Magnin 1954: 468. **(hb)** Paulian 1951: 27–28. **(ds)** Mayne & Donis 1962: 306; Paulian 1951: 28; Thompson, G. H. 1963: 47. **(tx)** Eggers 1940c: 235; Schedl 1950d: 3, 1951j: 20, 1952j: 2, 1953d: 68, 1954d: 870, 1954e: 49, 1957d: 11, 1961k: 511, 1979c: 160.
- multidentatus (Schedl)** 1962r: 95 (*Stephanoderes*). Holotype, sex[?]; Uganda: Budongo; BMNH, London, automatic. Distribution: Africa (Uganda). Notes: (3) This is a probable synonym of *setosus* Eichhoff. References: **(tx)** Schedl 1962r: 95. *multidentatus* Schedl 1959q: 707 (*Stephano-*

deres). Holotype, sex?: Uganda: Budongo; BMNH, London, preoccupied by Hopkins 1915. References: (ds) Ferrer 1942; Schedl 1959q: 705, 707, (tx) Schedl 1959q: 707, 1961k: 605, 1962r: 95, 1979c: 161.

multidentatus (Hopkins) 1915b: 28 (*Stephanoderes*). Holotype ♀; Tampico, Tamaulipas, Mexico; USNM, Washington.

Distribution: North America (Guatemala/Puebla, Tamaulipas in Mexico), South America (Colombia). Hosts: *Coffea* spp., etc.

References: (hb) Wood, S. L. 1952b: 894, (ds) Blackwelder 1947: 775; Browne 1973a: 280; Wood, S. L. 1952b: 894, (tx) Hopkins 1915b: 22, 28; Schedl 1940a: 342, 1961k: 605; Wood, S. L. 1972f: 49, 1952b: 894.

ferrugineus Hopkins 1915b: 29 (*Stephanoderes*).

Holotype ♀; Livingston, Guatemala; USNM, Washington, preoccupied by Hopkins 1915. Synonymy: Wood 1972f: 49.

References: (tx) Browne 1963c: 53; Hopkins 1915b: 23, 29; Wood, S. L. 1967b: 78, 1972f: 49.

nitidifrons Hopkins 1915b: 31 (*Stephanoderes*).

Holotype ♀; Tampico, Tamaulipas, Mexico; USNM, Washington. Synonymy: Wood 1972f: 49.

References: (ds) Blackwelder 1947: 775; Ferrer 1942, (tx) Hopkins 1915b: 24, 31; Schedl 1940a: 342; Wood, S. L. 1972f: 49.

hopkinsi Browne 1963c: 53. Holotype ♀; Livingston, Guatemala; USNM, Washington, automatic. Synonymy: Wood 1972f: 49.

References: (tx) Browne 1963c: 53; Wood, S. L. 1972f: 49.

multipunctatus (Schedl) 1939f: 36 (*Stephanoderes*). Lectotype, sex?: Buitenzorg, Java; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 161.

Distribution: Indonesia (Java), Samoa.

Notes: (3) A possible synonym of *africanus* Hopkins (SIW, and Beaver 1976b).

References: (hb) Kalshoven 1958b: 170, (ds) Beaver 1976b: 536, (tx) Schedl 1939f: 36, 1951k: 135, 1953b: 124, 1979c: 161.

muticus (Schedl) 1961e: 136 (*Stephanoderes*). Holotype, sex?: Madagascar, Ambila, La Reunion; IRSM, Madagascar.

Distribution: Madagascar, Reunion Island.

Hosts: *Ochrocarpus* sp.

References: (ds) Schedl 1969d: 10, 1977a: 72, (tx) Schedl 1961e: 136, 1969d: 10, 1977a: 72, 1979c: 162.

namosianus Browne 1954c: 78. Holotype, sex?: Viti Levu; Namosi Road [Fiji]; BMNH, London.

Distribution: Fiji Islands.

References: (tx) Browne 1954c: 78.

nanellus Wood 1971: 34. Holotype ♀; Turrialba, Cartago Prov., Costa Rica, 500 m; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: Tree twigs.

References: (hb) Wood, S. L. 1952b: 899, (ds) Wood, S. L. 1952b: 899, (tx) Wood, S. L. 1971: 34, 1952b: 899.

natalensis (Schedl) 1941d: 392 (*Archcophalus*). Holotype ♀; Natal; Schedl Collection in NHMW, Wien.

Distribution: Africa (South Africa).

References: (ds) Schedl 1961k: 442–443, (tx) Schedl 1941d: 392, 1957c: 324, 1961k: 443, 1979c: 163.

nigropiceus (Schedl) 1951j: 20 (*Stephanoderes*). Holotype, sex?: Madagascar, Friedrichs; Schedl Collection in NHMW, Wien.

Distribution: Madagascar.

References: (tx) Schedl 1950d: 23, 1951j: 20, 1953d: 68, 1957d: 59, 1977a: 73, 1979c: 165.

novateutonicus (Schedl) 1951m: 105 (*Ptilopodius*).

Syntypes, sex?: Brasilien, Santa Catarina, Nova Teutonia; Schedl Collection in NHMW, Wien and Planmann Collection.

Distribution: South America (Brazil).

Notes: (1) Schedl 1979c: 172 (citation of holotype invalid).

References: (tx) de Ruelle 1970: 112, 113; Schedl 1951m: 105, 1979c: 172.

oblongus (Nobuchi) 1951c: 14 (*Macrocryphalus*).

Holotype, sex?: Takao, Tokyo; Nobuchi Collection, Ibaraki.

Figures: Nobuchi 1951c: 15.

Distribution: Asia (Japan).

Hosts: *Trachelospermum asiaticum*.

Notes: (1) The Nobuchi photographs of the "male" and "female" types appear to represent females of two different species of *Hypothenemus*. The female almost certainly is *fuscicollis* Eichhoff. The "male" photograph is not clear enough to permit species identification; further study is needed to determine specific synonymy (SIW).

References: (tx) Nobuchi 1951c: 14–16; Wood, S. L. 1992: (in press).

obscurus (Fabricius) 1801: 395 (*Hylesinus*). Lectotype ♀; type labeled as Essequibo [Suriname], published as *Americae meridionalis*; UZMC, Copenhagen, designated by Wood 1972f: 49.

Figures: Pedrosa-Macedo & Schonherr 1985: 48. Distribution: Antilles Islands (Cuba/ Dominican Republic in Hispaniola/ Guadeloupe/ Jamaica/ Puerto Rico/ Trinidad/ Virgin Islands), North America (Costa Rica/ "Mexico"/ Panama/ Florida in USA), South America (Brazil/ Colombia/ Suriname/ Venezuela). Intercepted worldwide in Brazil nuts.

Hosts: *Bertholletia excelsa*, *Crotalaria* sp., *Hymenaea courbaril*, *Myristica fragrans*, *Tamarindus indica*, *Theobroma cacao*.

Notes: (3) Eggers 1929e: 50 (*Stephanoderes subopacus*, nomen nudum, synonymy).

References: (cn) Costa Lima 1956; Wood, S. L.

1977a: 71. (**cc**) Beaver 1979b: 298. (**hb**) Baker, W. L. 1972: 25-4; Beaver 1974a, 1979b: 298; Beaver & Browne 1978: 591; Costa Lima 1956; Kalshoven 1963; Wood, S. L. 1982b: 893. (**ds**) Beaver 1974a; Beaver & Browne 1978: 591; Berti-Filho 1979: 41; Blackwelder 1947; Bright 1972d: 57, 1985c: 175; Costa Lima 1956; Drooz 1985: 368; Kalshoven 1963; Kirk 1969, 1970; Kleine 1913b: 118, 1934a: 145; Leng & Mutchler 1917: 219; LePeller 1968: 113; Pedrosa-Macedo & Schonherr 1985: 48; Roba 1935: 340; Schedl 1960a: 78, 1963c: 157, 1963f: 54, 1966f: 84, 1967d: 2, 1970e: 81, 1973d: 155; Schonherr & Pedrosa-Macedo 1981: 52; Wood, S. L. 1977a: 71, 1982b: 893. (**tx**) Benoit 1985: 136; Bright 1972d: 57, 1985c: 175; Costa Lima 1956; Eggers 1929c: 43; Fabricius 1801: 395; Pedrosa-Macedo & Schonherr 1985: 48; Reitter 1902a: 141; Schedl 1939j: 564, 1940c: 206, 1942c: 178, 1951m: 71-73, 1952k: 159-160, 1963i: 60; Wood, S. L. 1954a: 959, 1041, 1972f: 49, 1977d: 513, 1982b: 893.

asperulus Eichhoff 1872a: 133 (*Stephanoderes*). Lectotype ♀; northern South America; IRSNB, Brussels, designated by Wood 1982b: 893, preoccupied by LeConté 1868. Synonymy: Wood 1977d: 513, 1982b: 893.

References: (**tx**) Eichhoff 1872a: 133; Wood, S. L. 1977: 513, 1982b: 893.

cassiae Eichhoff 1878b: 152 (*Stephanoderes*). Lectotype ♀; northern South America; IRSNB, Brussels, designated by Wood 1982b: 893, automatic. Synonymy: Wood 1977d: 513, 1982b: 893.

References: (**cn**) Mathur & Singh 1960a: 15, 1960b: 24; Mathur, Singh, & Lal 1958: 24, 103. (**hb**) Beaver & Browne 1975: 290. (**ds**) Beaver & Browne 1975: 290; Beeson 1961: 298; Hagedorn 1910d: 41; Kleine 1913b: 121, 1914b: 247, 269, 1934a: 145; Mathur & Singh 1960a: 15, 1960b: 24; Mathur, Singh, & Lal 1958: 24, 103; Peyerimhoff 1935: 193. (**tx**) Eggers 1936d: 626; Eichhoff 1872a: 133, 1878b: 152; Hagedorn 1910a: 85, 1910e; Hopkins 1915b: 24; Peyerimhoff 1935: 193; Sampson 1923a: 270; Schedl 1934f: 1640; Wood, S. L. 1977d: 513, 1982b: 893.

kuennemanni Reitter 1902a: 140. Lectotype ♀; Bremen, Germany [in Brazil nuts]; NHMB, Budapest, designated by Wood 1972f: 49. Synonymy: Wood 1972f: 49.

References: (**cn**) Costa Lima 1956; Souphieff & Scherbinovskaja 1937: 81. (**cc**) Wichmann 1955a: 96. (**hb**) Costa Lima 1956; Lengerken 1939: 64, 1954: 84. (**ds**) Blackwelder 1947: 778; Brakman 1966b: 206; Costa Lima 1956; Everts 1922: 642, 1927; Hagedorn 1910d: 44; Horion 1951; Kleine 1913b: 121; Numberg 1958a: 481; Reitter 1916: 290; Schilsky 1909: 188; Souphieff & Scherbinovskaja 1937: 81; Straby 1975: 7; Wichmann 1955a: 96. (**tx**)

Costa Lima 1956; Everts 1922: 642; Hagedorn 1910a: 87; Hopkins 1915b: 14; Numberg 1958a: 481; Reitter 1902a: 140, 1913a: 72, 1916: 290; Schedl 1934f: 1640; Wood, S. L. 1972f: 49.

moschatae Schaufuss 1905: 8 (*Stephanoderes*). Holotype ♀; Guadeloupe; Hamburg Museum, lost. Synonymy: Wood 1972f: 49.

References: (**cn**) Hagedorn 1913a; Souphieff & Scherbinovskaja 1937: 81. (**cc**) Wichmann 1955a: 96. (**hb**) Hagedorn 1913a. (**ds**) Blackwelder 1947: 778; Browne 1970: 540; Hagedorn 1910d: 44, 1913a; Kleine 1913b: 121, 1914b: 379, 1934a: 145; Leng & Mutchler 1917: 219; McFarlane 1961; Souphieff & Scherbinovskaja 1937: 81; Wichmann 1955a: 96. (**tx**) Eggers 1940a; Hagedorn 1910a: 87; Hopkins 1915b: 14; Schaufuss 1905: 8; Schedl 1948f: 261, 1957a: 192; Wood, S. L. 1972f: 49.

rufescens Hopkins 1915b: 29 (*Stephanoderes*). Holotype ♀; Allegheny, Pennsylvania [USA]; USNM, Washington. Synonymy: Wood 1972f: 49.

References: (**hb**) Chamberlin 1939: 309; Wood, S. L. 1953: 153, 1954a: 1036. (**ds**) Blatchley & Leng 1916: 601; Chamberlin 1939: 309; Leng 1920: 340. (**tx**) Blatchley & Leng 1916: 601; Chamberlin 1939: 309; Hopkins 1915b: 23, 29; Wood, S. L. 1953: 153, 1954a: 1019, 1036, 1966b: 29, 1972f: 49.

burski Hopkins 1915b: 30 (*Stephanoderes*). Holotype ♀; Trinidad, West Indies; USNM, Washington. Synonymy: Wood 1972f: 49.

References: (**ds**) Blackwelder 1947: 777; Leonard 1933: 97-137; Martorell 1945: 468-469; Wolcott 1936: 317, 1948: 380. (**tx**) Hopkins 1915b: 23, 30; Wood, S. L. 1972f: 49.

amazonicus Eggers 1934a: 78 (*Stephanoderes*). Lectotype ♀; Manaus, Brazil; USNM, Washington, designated by Anderson & Anderson 1971: 4. Synonymy: Wood 1972f: 49.

References: (**ds**) Blackwelder 1947: 777; Schedl 1963f: 54. (**tx**) Anderson, W. H. & Anderson 1971: 4; Eggers 1934a: 78; Schedl 1951a: 452; Wood, S. L. 1967b: 78, 1972f: 49, 1979c: 18.

emarginatus Schedl 1942d: 11. Lectotype ♀; Buitenzorg, Java; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 90. Synonymy: Wood 1972f: 50.

References: (**tx**) Schedl 1942d: 11; Wood, S. L. 1966g: 29, 1972f: 50, 1979c: 90.

opacus (Eichhoff) 1872a: 132 (*Stephanoderes*). Lectotype ♀; Nov. Grenada; IRSNB, Brussels, designated by Wood 1982b: 889.

Distribution: North America (Costa Rica/Panama), South America (Brazil/Colombia/Venezuela).

Hosts: *Calliandra confusa*, *Cassia* sp., *Coffea*

- arabica*, *Inga* sp., *Mimosa* sp., *Nectandra* sp., *Ochroma* sp., *Protium* sp., *Tocomita guianensis*.
References: (cn) Costa Lima 1956; Murillo Quinche 1959: 300. (hb) Costa Lima 1956; Murillo Quinche 1959: 300. (ds) Blackwelder 1947: 778; Costa Lima 1936, 1956; Gemminger & Harold 1872: 2684; Hagedorn 1910d: 44; Kleine 1913b: 121, 1914b: 336, 342; LePelley 1968: 113; Wood, S. L. 1952b: 559. (tx) Costa Lima 1956; Eichhoff 1872a: 132-133, 1875b: 151; Hagedorn 1910a: 57; Hopkins 1915b: 24; Wood, S. L. 1952b: 559.
- paradoxus** Schedl 1964j: 45. Holotype, sex?; Congo, Yangambi; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
References: (tx) Schedl 1964j: 45, 1979c: 184.
- parallelus** (Hopkins) 1915b: 25 (*Stephanoderes*). Holotype ♀; Tampico, Mexico; USNM, Washington. Distribution: Hawaiian Islands, North America (Colima, Tamaulipas in Mexico).
Hosts: "*L. glauca*."
References: (ds) Atkinson & Equihua 1955: 92; Blackwelder 1947: 778; Ferrer 1942; Wood, S. L. 1977a: 71, 1952b: 905. (tx) Hopkins 1915b: 21, 25; Schedl 1940a: 342; Wood, S. L. 1952b: 905.
- parvulus** Browne 1954d: 93. Holotype, sex?; New Guinea; Savinill L. A.; BMNH, London.
Distribution: New Guinea.
Hosts: *Ecdia* sp.
References: (tx) Browne 1954d: 93.
- perappositus** (Schedl) 1934d: 91 (*Stephanoderes*). Lectotype, sex?; Java, Bandjar; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 188.
Distribution: Indonesia (Java).
Hosts: From grass.
References: (hb) Kalshoven 1958b: 170. (tx) Schedl 1934d: 91, 1979c: 188.
- perhispidus** (Eggers) 1927a: 177 (*Stephanoderes*). Holotype, sex?; Belg.-Congo; Sankuru; MRCB, Tervuren.
Distribution: Africa (Angola/ Ghana/ Nigeria/ Zaire/ Zambia).
Hosts: *Balanites wilsoniana*, *Elaeis guineensis*, *Gilbertiodendron deweyri*, *Pleiocarpa tubicina*, *Polypodium lycopodioides*, *Randia congolana*, *Theobroma cacao*.
References: (bv) Schedl 1960f: 32. (cn) Chesquiere 1933a: 27-35, 1933b: 776-782; Schmitz & Crisinel 1957: 12. (ce) Schedl 1961k: 608. (hb) Loyttyemi, Beaver, & Loyttyemi 1954; Schedl 1961k: 608; Schmitz & Crisinel 1957: 12. (ds) Beaver & Loyttyemi 1955a: 51; Ferreira 1966: 1115; Chesquiere 1933a; Kleine 1934a: 145; Lepesme et al. 1948: 643-644; Schedl 1959p: 17, 1960f: 32, 1961k: 608, 1964j: 40. (tx) Eggers 1927a: 177; Schedl 1961k: 608.
- perpunctatus** (Eggers) 1940c: 233 (*Stephanoderes*). Holotype, sex?; Congostaat (Rutshurn); Eggers Collection, in NHMW, Wien.
Distribution: Africa (Zaire).
References: (tx) Eggers 1940c: 233; Schedl 1950d: 3, 1961k: 609, 1979c: 190.
- pilosus** Hopkins 1915b: 20. Holotype, sex?; Cayamas, Cuba; USNM, Washington.
Distribution: Antilles Islands (Cuba).
References: (ds) Blackwelder 1947: 777; Bright 1955c: 175; Leng & Mutchler 1917: 219. (tx) Bright 1955c: 175; Hopkins 1915b: 20.
- plumeriae** (Nordlinger) 1856: 74 (*Bostrichus*). Holotype ♀; Venezuela; NHMW, Wien.
Figures: Schedl 1961k: 547.
Distribution: Africa (Liberia/ Zaire), Antilles Islands (Gnadeloupe/ San Domingo/Trinidad), North America (Costa Rica/ Guatemala/ Honduras/ Veracruz in Mexico/ Panama), South America (Brazil/ Colombia/ Venezuela).
Hosts: *Acacia* sp., *Canavalia villosa*, *Cayaponia microdonta*, *Coffea* sp., *Daphnopsis seibertii*, *Dioclea megacarpa*, *Harungana madagascariensis*, *Qualca wittrockii*, *Serjania* sp.
Notes: (3) This species is apparently native to western Africa and was introduced into America.
References: (cn) Box 1953a; Costa Lima 1956; De Albuquerque Leao 1941; Green 1912a; Kleine 1932a: 302; Schmitz & Crisinel 1957: 11. (hb) Costa Lima 1928b: 121-122, 1956; Kleine 1932a: 302; Schmitz & Crisinel 1957: 11. (ds) Alvarenga 1962: 24; Blackwelder 1947: 778; Blandford 1904; Costa Lima 1928: 121-122, 1936, 1956; Ferreira 1947; Ferrer 1942; Gemminger & Harold 1872: 2683; Green 1912a: 2-5, 1916: 608-636; Hagedorn 1910d: 45; Kleine 1913b: 121, 1914b: 336, 339, 361, 379, 1932a: 145, 302; Lacordaire 1866: 383; LePelley 1968: 113; Ran 1935: 10-25; Schedl 1960a: 79; Stabel 1925: 1-3. (tx) Blandford 1904; Costa Lima 1945; Eichhoff 1878b: 164; Ferrari 1867a: 17, 1868: 252; Green 1912a; Hagedorn 1910a: 57; Kirsch 1875: 283; Lacordaire 1866: 383; Nordlinger 1856: 74; Schedl 1940a: 342, 1952k: 159-160; Wood, S. L. 1959: 174.
- pallidus** Hopkins 1915b: 18. Holotype ♀; Mt. Coffee, Liberia; USNM, Washington. Synonymy: Wood 1972f: 45.
References: (bv) Schedl 1960f: 29. (ds) Kleine 1914b: 326; Schedl 1960f: 29, 1961k: 509. (tx) Hopkins 1915b: 14, 18; Schedl 1961k: 509; Wood, S. L. 1972f: 45.
- cylindricus** Hopkins 1915b: 25 (*Stephanoderes*). Holotype ♀; Trece Aguas, Alta Verapaz, Guatemala; USNM, Washington. Synonymy: Wood 1959: 174.
References: (bv) Schedl 1960f: 110. (hb) Beaver 1974a; Viana 1964: 121. (ds) Beaver 1974a; Blackwelder 1947: 777; Bright 1955c:

174; Schedl 1960f: 110; Viana 1964: 121; Wood, S. L. 1977a: 71. **(tx)** Bright 1985c: 174; Hopkins 1915b: 21, 25; Schedl 1957d; Wood, S. L. 1972f: 45, 1976a: 348, 1989: 174.

transatlanticus Eggers 1941a: 99 (*Stephanoderes*). Holotype ♀; Trois Rivières, Guadeloupe; MNHN, Paris. Synonymy: Wood 1972f: 45. References: **(tx)** Eggers 1941a: 99; Schedl 1951m: 72, 1979c: 254; Wood, S. L. 1972f: 45. *guadeloupensis* Schedl 1951m: 98. Syntypes ♀; Guadeloupe; Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 174.

Notes: (1) Schedl 1979c: 114 (citation of holotype invalid).

References: **(tx)** Schedl 1951m: 98, 1979c: 114; Wood, S. L. 1976a: 348, 1989: 174.

ituriensis Schedl 1957d: 55 (*Stephanoderes*). Holotype, sex?; Congo Belge: Kivu, Beni; MRCB, Tervuren. Synonymy: Wood 1989: 174. References: **(cc)** Schedl 1958d: 190. **(hb)** Schedl 1961k: 599. **(ds)** Schedl 1961k: 599. **(tx)** Schedl 1957d: 55, 1961k: 547, 599, 1965g: 20, 1979c: 128; Wood, S. L. 1989: 174.

praecellens (Schedl) 1972c: 288 (*Stephanoderes*). Holotype, sex?; Ghana, Ashanti Region, Ofinso, 259 m, N 6 54, W 1 39; NHMB, Budapest. Distribution: Africa (Ghana). References: **(tx)** Schedl 1972c: 288, 1979c: 198.

pubescens Hopkins 1915b: 19. Holotype ♀; Key West, Florida [USA]; USNM, Washington. Distribution: Antilles Islands (Puerto Rico), Hawaiian Islands, North America (Durango, Yucatan in Mexico/ Florida, Texas in USA), South America (Argentina/ Brazil). Hosts: *Andropogon* sp., *Cynodon dactylon*, *Paspalum vaginatum*.

Notes: (3) Breeds in fruiting stems of grass.

References: **(cn)** Anonymous 1965e, 1966m, 1966t. **(hb)** Chamberlin 1939: 295; Wood, S. L. 1953: 206, 1954a: 1061, 1982b: 899. **(ds)** Anonymous 1965e, 1966m, 1966t; Blatchley & Leng 1916: 598; Bright 1985c: 175; Chamberlin 1939: 295; Davis 1965: 36; Leng 1920: 340; Thomas, J. B. 1966; Wood, S. L. 1977a: 71, 1982b: 899. **(tx)** Blatchley & Leng 1916: 598; Bright 1985c: 175; Chamberlin 1939: 295; Hopkins 1915b: 14, 19; Wood, S. L. 1953: 206, 1954a: 1053, 1061, 1972f: 50, 1982b: 899.

subelongatus Hopkins 1915b: 19. Holotype ♀; Victoria, Texas [USA]; USNM, Washington. Synonymy: Wood 1972f: 50.

References: **(hb)** Chamberlin 1939: 295. **(ds)** Chamberlin 1939: 295; Leng 1920: 340. **(tx)** Chamberlin 1939: 295; Hopkins 1915b: 14, 19; Schedl 1961k: 475; Wood, S. L. 1954a: 959, 1058, 1972f: 50.

opacifrons Hopkins 1915b: 25 (*Stephanoderes*). Holotype ♀; Aguadilla, Puerto Rico; USNM, Washington. Synonymy: Wood 1972f: 50.

References: **(ds)** Blackwelder 1947; Gowdey 1926: 27; Leng & Mutchler 1917: 219; Walcott 1948: 351. **(tx)** Hopkins 1915b: 21, 25; Wood, S. L. 1972f: 50.

minutissimus Schedl 1952a: 450. Lectotype, sex?; Argentina, Buenos Aires, Pilar, Córdoba, Dep. Pimilla; Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 174.

References: **(hb)** Viana 1964: 121. **(ds)** Viana 1964: 121. **(tx)** Schedl 1952a: 450, 1958f: 35, 1979c: 156; Wood, S. L. 1989: 174.

pubipennis (Eggers) 1935c: 305 (*Stephanoderes*). Holotype, sex?; Congostaat (Mulongo Niunzu); MRCB, Tervuren. Distribution: Africa (Congo/ Ghana/ Ivory Coast/ Nigeria/ Zaïre).

Hosts: *Celtis bryciji*, *Citrus* sp., *Cola griseiflora*, *Ficus polita*, *Monodora* cf. *myristica*, *Pterocarpus tinctorius*, *Theobroma cacao*, *Trema guineensis*, *Triplochiton scleroxylon*.

References: **(bv)** Schedl 1960f: 33. **(cc)** Caehan 1957: 15; Schedl 1961k: 616–617. **(hb)** Schedl 1961k: 616; Thompson, G. H. 1963: 67. **(ds)** Mayne & Domis 1962: 312; Schedl 1960f: 33, 1961k: 616; Thompson, G. H. 1963: 67. **(tx)** Eggers 1935c: 305, 1936c: 36; Schedl 1950e: 211, 1954d: 571, 1954c: 50, 1961k: 616, 1965g: 20, 1979c: 203.

rotundicollis (Eichhoff) 1878b: 45 (*Stephanoderes*). Syntypes ♀; America septentrionalis [USA?]; Hamburg Museum, lost.

Distribution: Antilles Islands (Puerto Rico/ Virgin Islands), North America (Michoacan, Nayarit, Oaxaca, Tamaulipas in Mexico/ Arkansas, Florida, Georgia, Illinois, Kansas, Maryland, Missouri, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Tennessee, Texas, Virginia, West Virginia in USA).

Hosts: *Carya alba*, *C. glabra*, *C. ovata*, *Cercis canadensis*, *Fagus grandifolia*, *Mimosa* sp., *Prosopis* sp., *Quercus* sp., *Rhamnus lanceolata*.

References: **(bv)** Roling & Kearby 1975b. **(cn)** Baker, W. L. 1972: 254. **(hb)** Atkinson et al. 1986: 64; Baker, W. L. 1972: 254; Beal & Massey 1945; Blackman 1922b: 91; Blatchley & Leng 1916: 602; Burgos & Saucedo 1983: 103; Chamberlin 1939: 306; Deyrup & Atkinson 1987a: 66; Hagedorn 1910d: 45; Hopkins 1893a: 133; Kleine 1913b: 121, 1934a: 145; Leng 1920: 340; Swaine 1909: 118; Wood, S. L. 1953: 128, 1954a: 1023. **(ds)** Beal & Massey 1945; Blackman 1922b: 91; Blatchley & Leng 1916: 602; Burgos & Saucedo 1983: 103; Chamberlin 1939: 306; Hagedorn 1910d: 45; Hopkins 1893a: 133; Kleine 1913b: 121, 1934a: 145; Leng 1920: 340; Weber, B. C. & McPherson 1991: 54; Wood, S. L. 1982b: 884. **(tx)** Beal & Massey 1945; Blackman 1922b: 91; Blatchley & Leng 1916: 602; Bright 1985c: 175; Chamberlin 1939: 306; Eichhoff 1878a: 355.

- 1575b: 45, 145, 1896: 605; Hagedorn 1910a: 57; Hopkins 1915b: 24; Swaine 1909: 115; Wood, S. L. 1953: 125, 1954a: 960, 1023, 1952b: 554.
- sculpturatus* Eichhoff 1575b: 45 (*Stephanoderes*).
Syntypes, sex?: Tennessee [USA]; Hamburg Museum, lost. Synonymy: Eichhoff 1896: 610. References: (hb) Chamberlin 1939: 310, (ds) Blatchley & Leng 1916: 603; Chamberlin 1939: 310; Hagedorn 1910d: 42; Leng 1920: 340; Swaine 1909: 117, (tx) Blatchley & Leng 1916: 603; Chamberlin 1939: 310; Eichhoff 1575a: 385, 1575b: 45, 146, 1896: 605, 610; Hopkins 1915b: 24; Swaine 1909: 117; Wood, S. L. 1954a: 960, 1023.
- quercus* Hopkins 1915b: 32 (*Stephanoderes*).
Holotype ♀; Berkeley, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1024.
References: (hb) Baker, W. L. 1972: 254; Beal & Massey 1945: 112; Blackman 1922b: 91; Chamberlin 1939: 306, (ds) Beal & Massey 1942, 1945: 112; Blackman 1922b: 91; Blatchley & Leng 1916: 602; Chamberlin 1939: 306; Drooz 1985: 368; Kleine 1934a: 145; Leng 1920: 340, (tx) Beal & Massey 1945: 112; Blackman 1922b: 91; Blatchley & Leng 1916: 602; Chamberlin 1939: 306; Hopkins 1915b: 24, 32; Wood, S. L. 1954a: 960, 1023-1024.
- ruficeps* Perkins 1900: 181. Holotype ♀; Oahu; Kaala, Waianae range (2000 ft.); BMNH, London, apparently lost.
Distribution: Hawaiian Islands
Notes: (3) The type of *ruficeps* is lost, but this species is probably *crudiæ* Panzer.
References: (ds) Hagedorn 1910d: 45; Kleine 1913b: 124, 1914b: 302; Swezey 1935: 21, 1941: 115, 1954: 14, (tx) Hagedorn 1910a: 57; Hopkins 1915b: 21; Perkins 1900: 181; Schedl 1934g: 177, 179, 1941f: 110, 1951m: 100.
- rugifer* (Schedl) 1965f: 9 (*Stephanoderes*).
Holotype, sex?: Uganda, Wahunlumbu; BMNH, London.
Distribution: Africa (Uganda).
Hosts: *Prosopis chilensis*.
References: (tx) Schedl 1965f: 9, 1977c: 395.
- ruginosus* Wood 1959: 178. Holotype, ♀; Sudafrica: Potgietersrust, Transvaal; Schedl Collection in NHMW, Wien, automatic.
Distribution: Africa (South Africa).
References: (tx) Wood, S. L. 1959: 178.
- rugifer* Schedl 1977c: 395 (*Pachyoderes*).
Holotype, ♀; Sudafrica: Potgietersrust, Transvaal; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1965.
References: (tx) Schedl 1977c: 395; Wood, S. L. 1959: 178.
- sambesianus* Eggers 1943e: 74. Holotype ♀; Zambeze (Nova Choupanga pres Chemba); MNHN, Paris, 2 Eggers cotypes in NHMW, Wien.
Distribution: Africa (Mozambique).
References: (tx) Eggers 1943e: 74; Schedl 1961k: 523, 1979e: 215.
- sapporoensis* (Niisima) 1910a: 3 (*Cryphalus*).
Holotype ♀; Sapporo; Nobuchi Collection, Ibaraki.
Distribution: Asia (Hokkaido, Honshu in Japan).
Hosts: *Tilia cordata* var. *japonica*.
References: (ds) Kleine 1934a: 144; Murayama 1954b: 199; Nobuchi 1955c: 16, (tx) Murayama 1954b: 199; Niisima 1910a: 3; Schedl 1934f: 1640, 1979e: 21.
- sassaensis* (Eggers) 1924: 102 (*Stephanoderes*).
Lectotype, sex?: Congostaat (Region de Sassa); Eggers Collection, in NHMW, Wien.
Distribution: Africa (Zaire).
References: (tx) Eggers 1924: 102; Schedl 1961k: 619, 1979e: 219.
- schedli* Browne 1963c: 54. Holotype, sex?: Takao, Formosa; Sauter; Schedl Collection in NHMW, Wien, automatic.
Distribution: Asia (Taiwan).
References: (tx) Browne 1963c: 54.
- pubescens* Schedl 1942d: 18 (*Stephanoderes*).
Holotype, sex?: Takao, Formosa; Sauter; Schedl Collection in NHMW, Wien, preoccupied by Hopkins 1915.
References: (tx) Browne 1963c: 54; Schedl 1942d: 18, 1979e: 203.
- scutiae* (Schedl) 1959q: 708 (*Stephanoderes*).
Holotype, sex?: Kenya, Mukutano; BMNH, London.
Distribution: Africa (Kenya).
Hosts: *Scutia commersonii*.
Notes: (1) This is probably a *Glostatus* (Schedl's slide mount has the funicle twice broken; only 5 segments show).
References: (ds) Schedl 1959q: 705, 708, 1961k: 619, (tx) Schedl 1959q: 708, 1961k: 619, 1979e: 223.
- seoulensis* Choo & Woo 1959: 58. Holotype ♀; Korea: Cheongyangri, Dongdaemun, Seoul; not given.
Figures: Choo & Woo 1959: 60.
Distribution: Asia (Korea).
References: (tx) Choo & Woo 1959: 58.
- seriatus* (Eichhoff) 1872a: 133 (*Stephanoderes*).
Lectotype ♀; New Orleans, Louisiana [USA]; IRSNB, Brussels, designated by Wood 1973c: 177. Figures: Numberg 1965b: pl. 1.
Distribution: Africa (Angola/ Congo/ Egypt/ Equatorial Guinea/ Ghana/ Ivory Coast/ Liberia/ Mozambique/ Nigeria/ Rwanda/ Seychelles Islands/ Sierra Leone/ South Africa/ Tanzania/ Uganda/ Zaire), Antilles Islands (Barbados/ Cuba/ Haiti in Hispanola/ Puerto Rico/ Virgin Islands), Asia (Sri Lanka/ Turkey), Australia, Fiji Islands, Hawaiian Islands, Indonesia (Java), Madagascar, Micronesia, Niue Island, North America (Costa

Rica/ El Salvador/ Guatemala/ Honduras/ Chiapas, Jalisco, Nayarit, Oaxaca, Puebla, San Luis Potosí, Tamaulipas, Veracruz, Yucatan in Mexico/ Panama/ Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Texas, Virginia, West Virginia in USA), Philippine Islands, South America (Brazil/ Colombia/ Paraguay).

Hosts: *Acia farnesiana*, *Acras sapota*, *Acrocomia sclerocarpa*, *Aleurites fordii*, *Cassia glauca*, *Banhiuia tomentosa*, *Bursera* sp., *Cajanus cajan*, *Calliandra confusa*, *Callicarpa* sp., *Canavalia* sp., *Carya* spp., *Cecropia* sp., *Citrus aurantifolia*, *Coccolirinx alta*, *Coffea bukowensis*, *Cordia* sp., *Dipholis salicifolia*, *Eleagnus pungens*, *Erythrina* sp., *Eugenia luyxifolia*, *Ficus* spp., *Galactia spiciformis*, *Guacca quara*, *Hydracrepans* sp., *Ipomoea cathartica*, *Juglans nigra*, *Liquidambar styraciflua*, *Maclura pomifera*, *Mangifera indica*, *Mnionia* sp., *Ochroma* sp., *Ocotea catesbiana*, *Persca americana*, *P. borborea*, *Philabertella clausa*, *Pinus* spp., *Pithecellobium guadeloupense*, *Pittospermum* sp., *Populus deltoides*, *Prunus persica*, *Quercus* spp., *Rhamnus* sp., *Rhus glabra*, *Saba parviflora*, *Salix* sp., *Serjania* sp., *Sida rhombifolia*, *Tectona grandis*, *Theobroma cacao*, *Thespersia pulpulnea*, *Trachylobium narrucosum*, *Trema floridana*, *Trichilia arborea*, *Wisteria* sp., *Urena* sp., *Yucca* sp.

References: (cn) Caminha Filho 1926: 122–127; Costa Lima 1956; Kleine 1932a: 302; Moreira 1925: 24–25; Stokes 1975a. (ec) Equihua & Atkinson 1986: 632. (hb) Atkinson et al. 1986: 66; Beaver 1987a: 19; Burgos & Saucedo 1983: 105; Chamberlin 1939: 103; Costa Lima 1956; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 632; Fonseca 1937: 366–368; Kleine 1932a: 302; Sequira 1961; Wood, S. L. 1982b: 895. (ds) Atkinson & Equihua 1985c: 357, 1986a: 422, 1988: 92; Atkinson et al. 1986: 66; Azavedo 1925b: 85–86; Beaver 1987a: 19, 1987b: 65; Blatchley & Leng 1916: 600; Bright 1985c: 175; Burgos & Saucedo 1983: 105; Chamberlin 1939: 103; Costa Lima 1925: 147, 1928: 117–122, 1956; Deyrup 1981b: 7; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 632; Estrada & Atkinson 1988: 210; Gemminger & Harold 1872: 2655; Grunwald 1930: 1–58; Hagedorn 1910d: 45; Hambleton 1947; Kleine 1913b: 121, 1914b: 355, 1932a: 145, 302; Leng 1920: 340; Roba 1935: 340; Swaine 1909: 118; Tucker 1952: 347; Wood, S. L. 1977a: 72, 1983: 105. (tx) Blatchley & Leng 1916: 600; Bright 1985c: 175; Chamberlin 1939: 103; Costa Lima 1956; Eggers 1940a; Eichhoff 1872a: 133, 1878b: 158; Fauvel 1884; Hagedorn 1910a: 88; Hopkins 1915b: 22; LeConte 1876: 356; Reitter 1907: 192; Schedl 1940d: 160, 1945d: 35, 1951m: 104, 1952k: 159–160; Sharp 1879: 102; Swaine 1909: 118; Wood, S. L. 1954a: 959, 1041, 1972f: 50, 1973c: 177, 1977d: 513, 1982b: 895.

pulverulentus Eichhoff 1872a: 133 (*Stephanoderes*). Syntypes ♀: Mexico; Hamburg Museum, lost. Synonymy: Wood 1973c: 177.

References: (ds) Blackwelder 1947: 778; Blandford 1904; Browne 1974a: 64; Ferrer 1942; Gemminger & Harold 1872: 2654; Hagedorn 1910d: 45; Kleine 1913b: 121, 1914b: 349. (tx) Blandford 1904; Eichhoff 1872a: 133, 1878b: 161; Hagedorn 1910a: 87; Hopkins 1915b: 22; Reitter 1907: 192; Schaufuss 1891: 12; Schedl 1940a: 342; Wood, S. L. 1972f: 50, 1973c: 177.

rulgaris Schaufuss 1897a: 209 (*Stephanoderes*). Syntypes ♀: La Digue, Sechelles Islands; Hamburg Museum, lost. Synonymy: Wood 1972f: 50.

References: (cn) Anonymous 1961m, 1966j, 1966k; Hamnad 1961. (hb) Hamnad 1961: 150. (ds) Allnand 1900: 439; Anonymous 1961m, 1966j; Ford 1961: 321; Fumasaki 1967: 343; Hagedorn 1910d: 46; Kleine 1913b: 121; Kolbe 1910: 40; Sampson 1914: 384; Schedl 1961k: 629, 1962h: 55, 1962k: 1070, 1969d: 11, 1977a: 78. (tx) Hagedorn 1910a: 88; Hamnad 1961: 150; Hamnad & El Cherif 1962; Hopkins 1915b: 22; Sampson 1914: 384; Schaufuss 1897a: 209; Schedl 1940d: 586, 1950f: 46, 1951j: 19, 1953d: 68, 1957b: 150, 1961k: 629, 1977a: 78.

uhlmanni Hagedorn 1912b: 41 (*Cryphalus*). Syntypes ♀; Daressalam; Hamburg Museum, lost. Synonymy: Wood 1989: 174.

References: (bv) Schedl 1960f: 71. (cn) Ghesquiere 1933a; Hagedorn 1913a; Kleine 1932a: 302; Morstatt 1937: 26; Schmitz & Crisinel 1957: 17. (hb) Hagedorn 1913a; Kleine 1932a: 302; Schedl 1961k: 549, 1977a: 63; Schmitz & Crisinel 1957: 12. (ds) Auhmann & La Baume 1911: 64–65; Beaver & Lovtyniemi 1985a: 79; Ghesquiere 1933a; Hagedorn 1913a: 13; Kleine 1913b: 121, 1914b: 322, 1932a: 145, 302; LePelley 1965: 113; Mayne & Donis 1962: 311; Morstatt 1913: 292; Numberg 1952: 19, 1965b: 19; Roba 1935: 338; Schedl 1959a: 484, 1961k: 549, 1965f: 4, 1971d: 432, 1977a: 63; Thompson, C. H. 1963: 66. (tx) Eggers 1922: 173, 1927a: 176, 1936c: 36–37; Hagedorn 1912b: 41–42; Numberg 1952: 19, 1965b-pl. 1; Schedl 1950c: 204, 1952j: 2, 1954e: 49–50, 1959a: 484, 1961k: 549, 1965f: 4, 1977a: 63; Wood, S. L. 1989: 174.

georgiae Hopkins 1915b: 26 (*Stephanoderes*). Holotype ♀; Georgia [USA]; USNM, Washington. Synonymy: Wood 1972f: 50.

References: (cn) Anonymous 1960t, 1961m, 1966j. (ec) Bushing 1965: 460. (hb) Baker, W. L. 1972: 254; Beal & Massey 1945: 114–115; Chamberlin 1939: 303; Kalshoven 1963; Wood, S. L. 1953: 177, 1954a: 1048. (ds) Anonymous 1960t, 1961m, 1966j; Beal &

- Massey 1945; Blackwelder 1947: 775; Blatchley & Leng 1916: 600; Bright 1972d: 58; Chamberlin 1939: 303; Cooper 1935; Ford 1961: 321; Fumasaki 1967: 333; Kalkhoven 1963; Kirk 1970; Knull 1934: 212; Leng 1920: 340; Martorell 1945: 469; Wolcott 1936: 317, 1945: 350; Wood, S. L. 1960a: 35. **(tx)** Beal & Massey 1945: 114–115; Blackman 1922b: 95; Blatchley & Leng 1916: 600; Bright 1972d: 58; Chamberlin 1939: 303; Hopkins 1915b: 22, 26; Wood, S. L. 1953: 177, 1954a: 959, 1048, 1960a: 35, 1972f: 50.
- minutus* Hopkins 1915b: 26 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 50. References: **(ds)** Blackwelder 1947: 775; Leng & Mutchler 1917: 219. **(tx)** Hopkins 1915b: 22, 26; Wood, S. L. 1972f: 50.
- texasus* Hopkins 1915b: 26 (*Stephanoderes*). Holotype ♀; Columbus, Texas [USA]; USNM, Washington. Synonymy: Wood 1954a: 1048. References: **(hb)** Blackman 1922b: 94; Chamberlin 1939: 305. **(ds)** Blackman 1922b: 94; Chamberlin 1939: 305; Kleine 1934a: 145; Leng 1920: 340; Wolcott 1936: 317. **(tx)** Blackman 1922b: 94; Chamberlin 1939: 305; Hopkins 1915b: 22, 26; Wood, S. L. 1954a: 959, 1048.
- fibrigi* Hopkins 1915b: 27 (*Stephanoderes*). Holotype ♀; San Bernardino, Paraguay; USNM, Washington. Synonymy: Wood 1954a: 1048. References: **(ds)** Blackwelder 1947: 775. **(tx)** Hopkins 1915b: 22, 27; Wood, S. L. 1954a: 1048, 1967b: 78, 1972f: 50.
- floridensis* Hopkins 1915b: 27 (*Stephanoderes*). Holotype ♀; Haw Creek, Florida [USA]; USNM, Washington. Synonymy: Wood 1954a: 1048. References: **(hb)** Chamberlin 1939: 306. **(ds)** Blatchley & Leng 1916: 601; Chamberlin 1939: 306; Leng 1920: 340. **(tx)** Blatchley & Leng 1916: 601; Chamberlin 1939: 306; Hopkins 1915b: 22, 27; Wood, S. L. 1954a: 1048.
- pini* Hopkins 1915b: 27 (*Stephanoderes*). Holotype ♀; Kanawha Station, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1048. References: **(hb)** Chamberlin 1939: 305. **(ds)** Blatchley & Leng 1916: 600; Chamberlin 1939: 305; Kleine 1934a: 145; Leng 1920: 340. **(tx)** Blatchley & Leng 1916: 600; Chamberlin 1939: 305; Hopkins 1915b: 22, 27; Wood, S. L. 1954a: 959, 1048.
- salicis* Hopkins 1915b: 27 (*Stephanoderes*). Holotype ♀; Morgantown, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1048. References: **(hb)** Beal & Massey 1945: 113; Bright & Stark 1973: 66; Chamberlin 1939: 305. **(ds)** Beal & Massey 1945: 113; Blatchley & Leng 1916: 600; Bright & Stark 1973: 66; Chamberlin 1939: 305; Kleine 1934a: 145; Leng 1920: 340; Blatchley & Leng 1916: 600; Chamberlin 1939: 305; Hopkins 1915b: 22, 27; Wood, S. L. 1954a: 959, 1048.
- tamarindi* Hopkins 1915b: 27 (*Stephanoderes*). Holotype ♀; Manila, Philippine Islands; USNM, Washington. Wood 1972f: 50. References: **(cn)** Costa Lima 1956. **(hb)** Costa Lima 1956. **(ds)** Costa Lima 1956; Kleine 1934a: 145; Schedl 1966b: 30. **(tx)** Costa Lima 1956; Hopkins 1915b: 22, 27; Nobuchi 1983: 300; Wood, S. L. 1972f: 50.
- ficus* Hopkins 1915b: 28 (*Stephanoderes*). Holotype ♀; Alabama [USA]; USNM, Washington. Synonymy: Wood 1954a: 1048. References: **(hb)** Beal & Massey 1945: 110–113; Blackman 1922b: 94; Chamberlin 1939: 305; James 1942: 37. **(ds)** Beal & Massey 1945: 110–113; Blackman 1922b: 94; Blatchley & Leng 1916: 602; Chamberlin 1939: 305; Kirk 1969; Kleine 1934a: 145; Leng 1920: 340. **(tx)** Beal & Massey 1945: 110–113; Blackman 1922b: 94; Blatchley & Leng 1916: 601; Chamberlin 1939: 305; Hopkins 1915b: 22, 28; Schedl 1960h: 104; Wood, S. L. 1954a: 959, 1048.
- lucasi* Hopkins 1915b: 28 (*Stephanoderes*). Holotype ♀; southern United States [USA]; USNM, Washington. Synonymy: Wood 1954a: 1048. References: **(hb)** Blackman 1922b: 94; Chamberlin 1939: 305. **(ds)** Blackman 1922b: 94; Chamberlin 1939: 305. **(tx)** Blackman 1922b: 94; Chamberlin 1939: 305; Hopkins 1915b: 22, 28; Wood, S. L. 1954a: 959, 1048.
- soltani* Hopkins 1915b: 28 (*Stephanoderes*). Holotype ♀; New Orleans, Louisiana [USA]; USNM, Washington. Synonymy: Wood 1954a: 1048. References: **(hb)** Chamberlin 1939: 305. **(ds)** Chamberlin 1939: 305; Leng 1920: 340. **(tx)** Blatchley & Leng 1916: 601; Chamberlin 1939: 305; Hopkins 1915b: 22, 28; Wood, S. L. 1954a: 959, 1048.
- virantis* Hopkins 1915b: 28 (*Stephanoderes*). Holotype ♀; Lakeland, Florida [USA]; USNM, Washington. Synonymy: Wood 1954a: 1048. References: **(hb)** Chamberlin 1939: 305. **(ds)** Blatchley & Leng 1916: 602; Chamberlin 1939: 305; Kleine 1934a: 145; Leng 1920: 340. **(tx)** Blatchley & Leng 1916: 602; Chamberlin 1939: 305; Hopkins 1915b: 22, 28; Wood, S. L. 1954a: 959, 1048.
- nitidipennis* Hopkins 1915b: 29 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1972f: 50. References: **(hb)** Wood, S. L. 1953: 150, 1954a: 1035. **(ds)** Blackwelder 1947: 778;

- Leng & Mutchler 1917: 219. (**tx**) Hopkins 1915b: 23, 29; Wood, S. L. 1953: 150, 1954a: 959, 1035, 1035, 1972f: 50.
- nitidulus* Hopkins 1915b: 29 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1977d: 513. References: (**ds**) Blackwelder 1947: 778. (**tx**) Hopkins 1915b: 23, 29; Wood, S. L. 1954a: 959, 1035, 1977d: 513.
- pccanis* Hopkins 1915b: 29 (*Stephanoderes*). Holotype ♀; Orlando, Florida [USA]; USNM, Washington. Synonymy: Wood 1954a: 1048. References: (**hb**) Beal & Massey 1945: 114; Chamberlin 1939: 308. (**ds**) Beal & Massey 1945: 114; Blatchley & Leng 1916: 601; Chamberlin 1939: 308; Leng 1920: 340. (**tx**) Beal & Massey 1945: 114; Blatchley & Leng 1916: 601; Chamberlin 1939: 308; Hopkins 1915b: 23, 29; Wood, S. L. 1954a: 1048.
- subpacificollis* Hopkins 1915b: 30 (*Stephanoderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1977d: 513. References: (**ds**) Blackwelder 1947: 778; Leng & Mutchler 1917: 219. (**tx**) Hopkins 1915b: 23, 30; Wood, S. L. 1954a: 959, 1035, 1977d: 513.
- niger* Hopkins 1915b: 31 (*Stephanoderes*). Holotype ♀; Brownsville, Texas [USA]; USNM, Washington. Synonymy: Wood 1972f: 50. References: (**hb**) Chamberlin 1939: 309; Wood, S. L. 1953: 157, 1954a: 1038. (**ds**) Chamberlin 1939: 309; Ferrer 1942; Leng 1920: 340. (**tx**) Chamberlin 1939: 309; Hopkins 1915b: 24, 31; Schedl 1940a: 342; Wood, S. L. 1953: 157, 1954a: 1019, 1038, 1972f: 50.
- tonsus* Eggers 1919: 242. Lectotype ♀; Amani (Ostafrika); USNM, Washington, designated by Anderson & Anderson 1971: 34. Synonymy: Eggers 1922b: 173. References: (**tx**) Anderson, W. H. & Anderson 1971: 34; Eggers 1919: 242, 1922b: 173, 1927a: 176; Schedl 1961k: 549.
- robustus* Blackman 1922b: 88. Syntypes ♀; Newton, Mississippi [USA]; USNM, Washington. Synonymy: Wood 1954a: 1048. References: (**hb**) Chamberlin 1939: 293. (**ds**) Chamberlin 1939: 293; Kleine 1934a: 144; Leng & Mutchler 1927: 52. (**tx**) Blackman 1922b: 88; Chamberlin 1939: 293; Wood, S. L. 1954a: 959, 1048.
- cassataensis* Schedl 1938d: 453. Lectotype ♀; Uganda, Kampala; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 54. Synonymy: Wood 1989: 175. References: (**cc**) Beaver 1979b: 298. (**hb**) Beaver 1976b: 535, 1979b: 298; Beaver & Browne 1978: 590. (**ds**) Beaver 1976b: 535; Beaver & Browne 1978: 590; Brader 1964: 5; Browne 1980c: 485, 1980d: 493; Ferreira 1965: 1113; Paulian 1951: 31; Schedl 1938d: 453, 1959a: 478, 1959p: 16, 1961k: 470. (**tx**) Schedl 1938d: 453-454, 1941d: 397, 1951j: 21, 1951k: 134, 1953d: 81, 1955b: 284, 1957d: 12, 1959a: 478, 1959p: 16, 1961k: 470, 1977b: 49; Wood, S. L. 1989: 175.
- hawaiiensis* Schedl 1941f: 112 (*Stephanoderes*). Lectotype ♀; Oahu, Honolulu; BPBM, Honolulu?, designated by Schedl 1979c: 116. Synonymy: Wood 1989: 175. References: (**ds**) Swezey 1941: 120. (**tx**) Schedl 1941f: 112, 1979c: 116; Wood, S. L. 1960a: 39, 1961a: 38, 1989: 175.
- striatulus* Schedl 1942d: 12. Lectotype, sex?; Java, Buitenzorg, Nr. 388 Kalshoven, Walikoeke; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 237. Synonymy: Wood 1989: 175. References: (**ds**) Blackwelder 1947: 778; Browne 1961c: 79. (**tx**) Schedl 1942d: 12, 1951k: 134, 1953c: 288, 1955b: 284, 1957d: 12, 1959a: 478, 1979c: 237; Wood, S. L. 1989: 175.
- darwinensis* Schedl 1942c: 178 (*Stephanoderes*). Lectotype, sex?; Australia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 75. Synonymy: Wood 1972f: 50. References: (**ds**) Brimblecombe 1953: 25; Schedl 1959d: 67. (**tx**) Schedl 1942c: 178, 1945g: 25, 1950f: 37, 1959d: 67, 1979c: 75; Wood, S. L. 1972f: 50.
- marovoayji* Schedl 1953d: 81. Lectotype, sex?; Madagascar, plaine de Marovoay, Madagascar, plantation du Sambirano; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 149. Synonymy: Wood 1989: 175. References: (**tx**) Schedl 1953d: 81, 1977b: 56, 1979c: 149; Wood, S. L. 1989: 175.
- andersoni* Wood 1954a: 1045 (*Stephanoderes*). Holotype ♀; Coconut Grove, Florida [USA]; USNM, Washington. Synonymy: Wood 1972f: 50. References: (**hb**) Wood, S. L. 1953: 171, 1954a: 1045. (**tx**) Wood, S. L. 1953: 171, 1954a: 1045, 1972f: 50.
- lipidambarae* Wood 1954a: 1046 (*Stephanoderes*). Holotype ♀; Jacksonboro, South Carolina [USA]; SMUK, Lawrence. Synonymy: Wood 1972f: 51. References: (**hb**) Wood, S. L. 1953: 174, 1954a: 1046. (**tx**) Wood, S. L. 1953: 174, 1954a: 1046, 1972f: 50.
- asperatus* Schedl 1967c: 226 (*Stephanoderes*). Holotype ♀; Kindamba, Meya, Bangou forest, Sibiti, IRHO rain forest; NHMB, Budapest. Synonymy: Wood 1989: 175. References: (**tx**) Schedl 1967c: 226, 1979c: 28; Wood, S. L. 1989: 175.
- setosus* (Eichhoff) 1868c: 391 (*Hypoborus*). Syntypes ♀; Guadeloupe; Hamburg Museum, lost except for 1 in USNM, Washington. Distribution: (**tx**) Africa (Cameroon/ Ivory Coast/

Sierra Leone/ South Africa/ Tanzania/ Uganda/ Zaire), Antilles Islands (Cuba/ Guadeloupe/ Haiti in Hispaniola/ Jamaica/ Puerto Rico), Asia (Taiwan), Madagascar, North America (Costa Rica/ Honduras/ Chiapas in Mexico/ Panama/ Florida in USA), South America (Brazil/ Colombia/ Venezuela).

Hosts: *Acacia pennatula*, *Bauhinia variegata*, *Cecropia* sp., *Mangifera indica*, *Thecobroma cacao*.

References: (**cn**) Aulmann 1912: 54; Aulmann & La Baume 1911: 6, 67; Corporaal 1921: 5; Ghesquiere 1933a: 31, 1933b: 782. (**cc**) Wichmann 1955a: 98. (**hb**) Beaver & Browne 1975: 291, 1978: 591; Eichhoff 1881a: 46, 191; Kalshoven 1963; Wachtl 1876a: 458; Wood, S. L. 1982b: 909. (**ds**) Atkinson & Equihua 1988: 92; Beaver 1990a: 280; Beaver & Browne 1975: 291, 1978: 591; Beeson 1941: 389; Blackwelder 1947: 779; Brader 1964: 5; Bright 1972d: 55, 1985c: 175; Browne 1981b: 600; Estrada & Atkinson 1988: 210; Flentianx & Salle 1890: 457; Gemminger & Harold 1872: 2684, 2686; Hagedorn 1910d: 45; Heyden, Reitter, & Weise 1883: 182, 1891: 671, 1906: 711; Horion 1951; Kalshoven 1955: 169–170, 1963: 233; Kleine 1913b: 121; Kraatz 1869: 59; Leng & Mutchler 1917: 219; Lepesme 1947: 645; Nobuchi 1967: 13, 24; Pittioni 1943: 176; Reitter 1894a: 73, 1916: 290; Schedl 1966b: 29, 1977a: 73; Schilsky 1909: 188; Seidlitz 1872: 394, 1891a: 563, 1891b: 608; Stein 1868: 114; Wachtl 1876a: 458; Wichmann 1954: 514, 1955a: 98; Wood, S. L. 1977a: 72, 1982b: 909. (**tx**) Bright 1972d: 55, 1985c: 175; Chamberlin 1939: 303; Eggers 1922b: 174, 1923a: 130, 1924: 102, 1927a: 198, 1936d: 626, 1940a, 1941a: 108; Eichhoff 1868d: 419, 1868c: 391, 1872a: 133, 1877a: 117, 1878b: 149–150, 1881a: 46, 191, 1883a: 110, 134; Ferrari 1867a: 81, 1867b: 81, 114; Hagedorn 1910a: 88, 1910c: 2; Hopkins 1915b: 23; Lindemann 1877a: 168; Nobuchi 1983: 300; Reitter 1894a: 73, 1913a: 71, 1916: 290; Schanfuss 1905: 8; Schedl 1934f: 1640, 1936j: 1, 1939e: 328, 1939f: 35, 1942a: 197, 1942d: 3, 1948c: 664, 1950d: 17, 1951m: 102, 1952c: 62, 1954a: 139, 1954d: 871, 1958k: 143, 1959a: 485, 1962h: 58, 1962p: 204, 1967b: 29, 1971a: 274, 280, 1971c: 363, 1971f: 148, 1977a: 73; Seidlitz 1872: 394, 1891a: 563, 1891b: 608; Wood, S. L. 1954a: 1029, 1957c: 402–403, 1962: 79, 1967b: 79, 1972f: 51, 1975b: 393, 1982b: 909. (**ms**) Eichhoff 1868d: 419.

obscurus Eichhoff 1872a: 133 (*Stephanoderes*). Holotype ♀; Antilles; IRSNB, Brussels, preoccupied by Fabricius 1801. Synonymy: Wood 1975b: 393.

References: (**ds**) Gemminger & Harold 1872: 2684; Hagedorn 1910d: 133. (**tx**) Eichhoff 1872a: 133, 1878b: 155; Ferrari 1867a: 17; Wood, S. L. 1975b: 393.

depressus Eichhoff 1878b: 155 (*Stephanoderes*).

Holotype ♀; Antilles; IRSNB, Brussels, automatic. Synonymy: Wood 1975b: 393.

References: (**ds**) Blackwelder 1947: 777; Bright 1985c: 174; Hagedorn 1910d: 41, 47; Kleine 1913b: 121; Leng & Mutchler 1917: 219. (**tx**) Bright 1985c: 174; Eggers 1929c; Eichhoff 1878b: 155; Hagedorn 1910a: 86; Hopkins 1915b: 21; Wood, S. L. 1975b: 393.

congolus Hagedorn 1912a: 337 (*Stephanoderes*). Lectotype ♀; Eala, Congo; MRCB, Tervuren, designated by Wood 1975b: 393. Synonymy: Wood 1975b: 393.

References: (**hv**) Schedl 1960f: 11. (**cn**) Aulmann 1912: 54–55; Ghesquiere 1933a: 34–36, 1933b: 782–785; Kleine 1932a: 302; Mayne 1915: 577–596; Mayne & Donis 1951: 333. (**cc**) Mayne & Donis 1951: 333. (**hb**) Kleine 1932a: 302; Schedl 1961k: 560. (**ds**) Aulmann 1913: 1–126; Gardner 1933a, 1957a: 32; Green 1916: 608–636; Kleine 1913b: 121, 1914b: 314, 1932a: 145, 302, 1934: 145; Schedl 1960f: 11, 1961k: 560. (**tx**) Eggers 1922b: 174, 1924: 103, 1927a: 197; Hagedorn 1912a: 337, 1913b: 18; Nymberg 1960: 291; Schedl 1950d: 17, 1961k: 560, 1965g: 19; Wood, S. L. 1967b: 78, 1975b: 393.

simoni (Reitter) 1887b: 194 (*Stephanoderes*). Holotype, sex?; Syrien; Haifa; NHMB, Budapest. Distribution: Asia (Israel/ Syria).

References: (**ds**) Hagedorn 1910d: 45; Hariri 1971: 262; Kleine 1913b: 124; Reitter 1894a: 74; Schedl 1969g: 290. (**tx**) Hagedorn 1910a: 88; Hopkins 1915b: 15; Reitter 1887b: 194, 1894a: 74, 1913a: 73; Schedl 1934f: 1640.

sobrinus (Schedl) 1965c: 58 (*Stephanoderes*). Holotype, sex?; Madagascar, Montange d'Ambre; Schedl Collection in NHMW, Wien.

Distribution: Madagascar.

References: (**tx**) Schedl 1965c: 58, 1977a: 76, 1979c: 231.

socialis (Schedl) 1957d: 57 (*Stephanoderes*). Holotype, sex?; Congo Belge; Yangambi, Kihaliltiri, Kilometre 518, Ouest d'Irumu; MRCB, Tervuren. Distribution: Africa (Angola/ Congo/ Ghana/ Zaire).

Hosts: *Anthonotha macrocarpa*, *Balanites wilsoniana*, *Cola griseiflora*, *Dialium corbisieri*, *Duboscia viridiflora*, *Gilbertiodendron devicrei*, *Polyalthia suae-colens*, *Trema guineense*.

References: (**hv**) Schedl 1960f: 33. (**cc**) Schedl 1961k: 620. (**hb**) Browne 1963a: 234; Schedl 1961k: 620. (**ds**) Browne 1963a: 234; Ferreira 1965: 1115; Schedl 1959p: 17, 1960f: 33, 1961k: 620, 1962b: 58, 1962k: 1070, 1964j: 41. (**tx**) Schedl 1957d: 57, 1959p: 17, 1961k: 620, 1962k: 1070, 1965g: 20.

solitarius (Schedl) 1950d: 24 (*Stephanoderes*). Holotype, sex?; D.O. Africa, Uganda; Schedl Collection in NHMW, Wien.

- Distribution: Africa (Cameroon/ Ghana/ Ivory Coast/ Nigeria/ South Africa/ Uganda/ Zaïre).
Hosts: *Albizia gummifera*, *Bambus* sp., *Coffea* sp., *Pancovia harmsiana*, *Pterocarpus tinctorius*, *Synsepalum subcordatum*, *Theobroma cacao*.
References: (cn) Gregory 1954; Magnin 1954: 468; Schmitz & Crisinel 1957: 12. (hb) Pollet 1977; Schedl 1961k: 622; Schmitz & Crisinel 1957: 12. (ds) Mayne & Donis 1962: 313; Pollet 1977; Schedl 1961k: 622, 1964e: 68, 1965f: 618. (tx) Schedl 1950d: 24, 1954d: 871, 1961k: 622–623, 1965g: 20, 1979c: 232.
- solicis** Wood 1974a: 21. Holotype ♀; 3 km W Armeria, Colima, Mexico; Wood Collection.
Distribution: North America (Colima, Nayarit, Sinaloa in Mexico).
Hosts: *Inga* sp., *Phoradendron* sp., *Serjania* sp.
References: (ec) Equilma & Atkinson 1986: 632. (hb) Baker, W. L. 1972: 254; Equilma & Atkinson 1986: 632. (ds) Equilma & Atkinson 1986: 632; Wood, S. L. 1982b: 891. (tx) Wood, S. L. 1974a: 21, 1982b: 891.
- sparsedentatus** (Schedl) 1942c: 178 (*Stephanoderes*). Holotype, sex?; Witu, Tanagebiet, Denhardt; Schedl Collection in NHMW, Wien.
Distribution: Australia.
References: (tx) Schedl 1942c: 178, 1979c: 232.
- sparsus** Hopkins 1915b: 20. Holotype ♀; Columbus, Texas [USA]; USNM, Washington.
Distribution: North America (Tamaulipas in Mexico/ S Texas in USA).
Hosts: *Celtis pallida*, *Condalia* sp., *Rhamnus* sp.
References: (hb) Blackman 1922b: 87–88; Chamberlin 1939: 292; Wood, S. L. 1953: 159, 1954a: 1040, 1982b: 896. (ds) Blackman 1922b: 87–88; Chamberlin 1939: 292; Kleine 1934a: 144; Leng 1920: 340; Wood, S. L. 1982b: 896. (tx) Blackman 1922b: 87–88; Chamberlin 1939: 292; Hopkins 1915b: 14, 20; Wood, S. L. 1953: 159, 1954a: 959, 1040, 1982b: 896.
- similis** Hopkins 1915b: 20. Holotype ♀; Victoria, Texas [USA]; USNM, Washington. Synonymy: Wood 1954a: 1040.
References: (hb) Chamberlin 1939: 295. (ds) Chamberlin 1939: 295; Leng 1920: 340. (tx) Anderson, W. H. & Anderson 1971: 30; Chamberlin 1939: 295; Hopkins 1915b: 14, 20; Wood, S. L. 1954a: 959, 1040.
- tridentatus** Hopkins 1915b: 31 (*Stephanoderes*). Holotype ♀; San Diego, Texas [USA]; USNM, Washington. Synonymy: Wood 1954a: 1040.
References: (hb) Chamberlin 1939: 309. (ds) Chamberlin 1939: 309; Leng 1920: 340. (tx) Chamberlin 1939: 309; Hopkins 1915b: 24, 31; Wood, S. L. 1954a: 1040.
- spiniollis** (Schedl) 1965c: 59 (*Stephanoderes*). Holotype, sex?; Madagascar. Umgebung Fort Dauphin; Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
- References: (tx) Schedl 1965c: 59, 1977a: 76, 1979c: 234.
- spinus** (Schedl) 1979g: 98 (*Lepicerooides*). Holotype, sex?; Papua, Bulolo, Morobe District, Upper Manki L. A.; Schedl Collection in NHMW, Wien preoccupied by Hagedorn 1909.
Distribution: New Guinea.
Notes: (1) Technically, this is a junior homonym, but the probability that it will become a junior synonym is so high that a replacement name was not considered to be in the best interests of nomenclature.
References: (tx) Schedl 1979g: 98, 1961k: 635; Wood, S. L. 1984b: 226.
- squamosus** (Hopkins) 1915b: 26 (*Stephanoderes*). Holotype ♀; Caymanas, Cuba; USNM, Washington.
Distribution: Antilles Islands (Cuba), North America (Colima, Tamaulipas, Veracruz in Mexico/ S Florida, Texas in USA).
Hosts: *Ardisia paniculata*, *Dipholis salicifolia*, *Galactia spiciformis*, *Ichthyomethia communis*, *Lysiloma bahamensis*, *Parthenocissus quinquefolia*, *Phoradendron* sp., *Pithecolobium unguicatum*, *Serjania* sp., *Torruba longifolia*, *Vismia* sp.
References: (ec) Equilma & Atkinson 1986: 633. (hb) Equilma & Atkinson 1986: 633; Wood, S. L. 1954a: 1038. (ds) Atkinson & Equilma 1985c: 357; Atkinson et al. 1991: 161; Blackwelder 1947: 778; Equilma & Atkinson 1986: 633; Estrada & Atkinson 1988: 211; Wood, S. L. 1982b: 890. (tx) Hopkins 1915b: 21, 26; Wood, S. L. 1954a: 1019, 1037–1038, 1982b: 890.
- stigmatosus** (Schedl) 1951m: 101 (*Stephanoderes*). Holotype, sex?; Argentinien; Schedl Collection in NHMW, Wien.
Distribution: South America (Argentina).
References: (tx) Schedl 1951h: 284, 1951m: 101, 1979c: 237.
- garciae** Schedl 1955f: 42 (*Stephanoderes*). Holotype, sex?; Argentinien; Buenos Aires, Isla Martin Garcia; Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 175.
References: (tx) Schedl 1955f: 42, 1979c: 102; Wood, S. L. 1989: 175.
- styrax** (Schedl) 1942a: 177 (*Stephanoderes*). Lectotype, sex?; Malaya, Selangor, Kepong; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 239.
Distribution: Asia (Malaya).
Hosts: *Styrax benzoin*.
References: (ds) Browne 1961c: 73. (tx) Schedl 1942a: 177, 1979c: 239.
- subacuminatus** (Schedl) 1942a: 177 (*Stephanoderes*). Lectotype, sex?; Malaya, Pk; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 239.
Distribution: Asia (Malaya).
References: (ds) Browne 1961c: 73, 1980d: 492. (tx) Schedl 1942a: 177, 1979c: 239.

- suspectus Wood** 1974a: 22. Holotype ♀; Pandora, Limon, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica/ Nayarit in Mexico/ Panama), South America (Venezuela).
Hosts: *Albizia caribaea*, *Cecropia* sp., *Inga* sp., *Theobroma cacao*.
References: (ds) Wood, S. L. 1952b: 906. (tx) Wood, S. L. 1974a: 22, 1952b: 906.
- taihokuensis (Schedl)** 1952c: 63 (*Stephanoderes*). Holotype, sex?: Formosa, Taihoku; Schedl Collection in NHMW, Wien.
Figures: Nobuchi 1967: pl. 1.
Distribution: Asia (Taiwan).
References: (ds) Nobuchi 1967: 24. (tx) Nobuchi 1967: 24, pl. 1; Schedl 1952c: 63, 1979c: 249.
- teretis Wood** 1971: 35. Holotype ♀; Finca La Lola, Limon, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica), South America (Venezuela).
Hosts: *Canavalia villosa*, *Cecropia* sp., *Inga* sp., *Serjania* sp., *Sterculia pruriens*, *Theobroma cacao*.
References: (hb) Wood, S. L. 1952b: 904. (ds) Wood, S. L. 1952b: 904. (tx) Wood, S. L. 1971: 35–36, 1952b: 904.
- teteforti (Menier)** 1971: 141 (*Stephanoderes*). Holotype ♂; Madagascar Sud, 25 km a l'Est de Tulcar, sur la route de Tananarive; MNHN, Paris.
Distribution: Madagascar.
Hosts: *Euphorbia ouococlada*.
References: (tx) Menier 1971: 141; Schedl 1977a: 77.
- tredli (Reitter)** 1905a: 55 (*Cryphalus*). Holotype, sex?: Agypten; Cairo; NHMB, Budapest.
Distribution: Africa (Egypt).
References: (ds) Kleine 1914a: 15. (tx) Eggers 1940h: 62; Reitter 1905a: 55–56, 1913a: 67; Schedl 1934f: 1639.
- trinitatis (Hopkins)** 1915b: 28 (*Stephanoderes*). Holotype ♀; Montserrat, Trinidad; USNM, Washington.
Distribution: Antilles Islands (Puerto Rico/Trinidad).
Hosts: *Guarea trichilionoides*.
References: (ds) Blackwelder 1947: 778; Bright 1955c: 175; Martorell 1945: 469; Wolcott 1945: 351. (tx) Bright 1955c: 175; Hopkins 1915b: 22, 28.
- tristis (Eichhoff)** 1875: 200 (*Stephanoderes*). Holotype, sex?: Japan; IRSNB, Brussels.
Distribution: Asia (Japan).
References: (ds) Blandford 1894c; Hagedorn 1919d: 46; Kleine 1913b: 121, 1914b: 257; Murayama 1954b: 199; Nobuchi 1955c: 16. (tx) Blandford 1894d; Eichhoff 1875: 200, 1877a: 117, 1878b: 150; Hagedorn 1910a: 88; Hopkins 1915b: 24; Murayama 1934c: 298, 1954b: 199; Schedl 1934f: 1640, 1955k: 143.
- apatoides Eichhoff** 1875: 201 (*Dryocoetes*). Holotype, sex?: Japan; IRSNB, Brussels. Synonymy: Schedl 1955k: 143.
- References: (tx) Eichhoff 1875: 201; Schedl 1955k: 143.
- trivialis Wood** 1974a: 20. Holotype ♀; Santa Ana, San Jose, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica/ Veracruz in Mexico/ Panama), South America (Colombia/ Venezuela).
Hosts: *Cuparia guatemalensis*, *Ficus* sp., *Ochroma* sp., *Serjania* sp., *Vismia gnianensis*.
References: (ds) Wood, S. L. 1952b: 557. (tx) Wood, S. L. 1974a: 20, 1952b: 557.
- tuberosus (Schedl)** 1942d: 19 (*Stephanoderes*). Lectotype, sex?: Java, Brittenzorg; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 255.
Distribution: Indonesia (Java).
References: (tx) Schedl 1942d: 19, 1979c: 255.
- tungamcansolus (Schedl)** 1939i: 355 (*Stephanoderes*). Lectotype, sex?: Ukerewe, Tanganyika; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 255.
Distribution: Africa (Tanzania/Zambia).
Hosts: *Bridelia scleroneuroides*.
References: (ds) Beaver & Loytyniemi 1959; Schedl 1961k: 626. (tx) Beaver & Loytyniemi 1959; Schedl 1939g: 170, 1939i: 355–356, 1957d: 56, 1961k: 626, 1979c: 258.
- resculus Wood** 1974a: 21. Holotype ♀; Ocosingo Valley, Chiapas, Mexico; Wood Collection.
Distribution: North America (Chiapas in Mexico).
References: (ds) Wood, S. L. 1952b: 598. (tx) Wood, S. L. 1974a: 21, 1952b: 598.
- ritis Browne** 1970: 554. Holotype ♀; South Africa: Transvaal; BMNH, London.
Distribution: Africa (South Africa).
Hosts: *Vitis* sp.
References: (tx) Browne 1970: 554, 556; Schedl 1972q: 256.
- winkleri (Reitter)** 1907: 192 (*Stephanoderes*). Holotype ♀; Kamerun; NHMB, Budapest.
Figures: Nunberg 1965a: 35, 1965b: pl. 2.
Distribution: Africa (Cameroon).
References: (ds) Hagedorn 1910d: 46; Kleine 1913b: 121, 1914b: 310, 1934a: 145; Nunberg 1952: 20, 1965b: 20. (tx) Hagedorn 1910a: 88; Hopkins 1915b: 24; Nunberg 1952: 20, 1965a: 35, 1965b: 26, pl. 2; Reitter 1907: 192; Schedl 1959q: 708, 1965e: 367.
- xanthophloeae (Schedl)** 1957d: 58 (*Stephanoderes*). Holotype, sex?: Kenya; Nairobi, Rift Valley; Schedl Collection in NHMW, Wien.
Distribution: Africa (Kenya).
Hosts: *Acacia xanthophloea*.
References: (cc) Schedl 1961k: 630. (hb) Schedl 1961k: 630. (ds) Schedl 1961k: 630. (tx) Schedl 1957d: 58, 1961k: 630, 1979c: 270.

Genus *Trischidias* Hopkins

TRISCHIDIAS HOPKINS 1915b: 7, 12. Type-species:

Trischidias georgiae Hopkins, original designation.

Keys: Wood 1954a: 1067, 1952b: 572.

References: **(hb)** Wood, S. L. 1986a: 91. **(ds)** Wood, S. L. 1986a: 91. **(tx)** Arnett 1960: 1043, 1968: 1043; Hopkins 1915b: 7, 12; Numberg 1956: 141; Wood, S. L. 1954a: 962, 981, 1067, 1952b: 572, 1986a: 92.

atoma (Hopkins) 1915b: 15 (*Hypothenemus*). Holotype ♀; Morgantown, West Virginia [USA]; USNM, Washington.

Distribution: North America (District of Columbia, Florida, Georgia, Kansas, Louisiana, Maryland, Mississippi, New Jersey, North Carolina, South Carolina, Texas, Tennessee, Virginia, West Virginia in USA), South America (Brazil).

Hosts: *Acer rubrum*, *Asimina trilobata*, *Carya* spp., *Castanea dentata*, *Liriodendron tulipifera*, *Pinus* sp., *Quercus marylandica*, *Rhizophora mangle*, *Rhus toxicodendron*, *Robinia pseudacacia*, *Salix nigra*, *Ulmus rubra*.

References: **(hb)** Beal & Massey 1945: 118; Chamberlin 1939: 293; Deyrup & Atkinson 1957a: 66; Wood, S. L. 1953: 219, 1954a: 1068, 1952b: 572. **(ds)** Beal & Massey 1945: 118; Blatchley & Leng 1916: 596; Chamberlin 1939: 293; Deyrup 1951b: 7; Deyrup & Atkinson 1957a: 66; Kleine 1934a: 143; Leng 1920: 339; Smith, J. B. 1910: 401; Wood, S. L. 1952b: 572. **(tx)** Beal & Massey 1945: 118; Blatchley & Leng 1916: 596; Chamberlin 1939: 293; Hopkins 1915b: 15; Schedl 1962r: 89; Wood, S. L. 1953: 219, 1954a: 960, 976, 1068, 1952b: 572–573.

impressifrons Hopkins 1915b: 15 (*Hypothenemus*). Holotype ♀; Morgantown, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1068.

References: **(hb)** Chamberlin 1939: 293. **(ds)** Chamberlin 1939: 293; Kleine 1934a: 143; Leng 1920: 339. **(tx)** Chamberlin 1939: 293; Hopkins 1915b: 15; Wood, S. L. 1954a: 979, 1068.

marylandica Hopkins 1915b: 15 (*Hypothenemus*). Holotype ♀; Pregnall, South Carolina [USA]; USNM, Washington. Synonymy: Wood 1954a: 960.

References: **(hb)** Blackman 1922b: 83; Chamberlin 1939: 290. **(ds)** Blackman 1922b: 83; Blatchley & Leng 1916: 596; Chamberlin 1939: 290; Kirk 1969; Kleine 1934a: 143; Leng 1920: 339. **(tx)** Blackman 1922b: 83; Blatchley & Leng 1916: 596; Chamberlin 1939: 290; Hopkins 1915b: 15; Schedl 1962r: 89; Wood, S. L. 1954a: 960, 1068.

robiniae Hopkins 1915b: 15 (*Hypothenemus*). Holotype ♀; Chevy Chase, Maryland [USA]; USNM, Washington. Synonymy: Wood 1954a: 1068.

References: **(hb)** Beal & Massey 1945: 118;

Chamberlin 1939: 293. **(ds)** Beal & Massey 1945: 118; Blatchley & Leng 1916: 597; Chamberlin 1939: 293; Kleine 1934a: 144; Leng 1920: 339. **(tx)** Beal & Massey 1945: 118; Blatchley & Leng 1916: 597; Chamberlin 1939: 293; Hopkins 1915b: 15; Schedl 1962r: 89; Wood, S. L. 1954a: 960, 1068.

toxicodendri Hopkins 1915b: 15 (*Hypothenemus*). Holotype ♀; Morgantown, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1954a: 1068.

References: **(hb)** Blackman 1922b: 83; Chamberlin 1939: 290. **(ds)** Blackman 1922b: 83; Blatchley & Leng 1916: 597; Chamberlin 1939: 290; Kleine 1934a: 144; Leng & Metchler 1920: 339. **(tx)** Blackman 1922b: 83; Blatchley & Leng 1916: 597; Chamberlin 1939: 290; Hopkins 1915b: 15; Schedl 1962r: 89–90; Wood, S. L. 1954a: 960, 1068.

exigua Wood 1986c: 273. Holotype ♀; Campo Experimental, INIF, Escarcega, Campeche, Mexico; Wood Collection.

Distribution: North America (Campeche in Mexico/S Florida in USA).

Hosts: *Belotia campbelli*.

References: **(hb)** Deyrup 1957; Deyrup & Atkinson 1957a: 66. **(ds)** Deyrup 1957; Deyrup & Atkinson 1957a: 66; Estrada & Atkinson 1955: 211. **(tx)** Wood, S. L. 1986c: 273.

georgiae Hopkins 1915b: 12. Holotype ♀; Brunswick, Georgia [USA]; USNM, Washington.

Distribution: North America (Georgia).

References: **(hb)** Chamberlin 1939: 287; Wood, S. L. 1954a: 1070. **(ds)** Blatchley & Leng 1916: 594; Chamberlin 1939: 287; Leng 1920: 339; Wood, S. L. 1952b: 974. **(tx)** Blatchley & Leng 1916: 594; Chamberlin 1939: 287; Hopkins 1915b: 12; Wood, S. L. 1954a: 979, 1068, 1070, 1952b: 574.

minutissima Wood 1954a: 1069. Holotype ♀; Sugar Loaf Key, Florida [USA]; SMUK, Lawrence.

Distribution: North America (S Florida in USA).

Hosts: *Rhizophora mangle* roots.

References: **(hb)** Wood, S. L. 1954a: 1069, 1952b: 574. **(ds)** Wood, S. L. 1952b: 574. **(tx)** Schedl 1962r: 89; Wood, S. L. 1954a: 1068–1069, 1952b: 574.

nigrina (Schedl) 1967d: 7 (*Ernoporus*). Holotype, sex?; Brasilien, Nova Tentonia; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

Notes: (3) A probable synonym of *atoma* Hopkins. References: **(tx)** de Ruetten 1970: 101; Schedl 1967d: 7, 1979c: 167.

spinata (Schedl) 1977d: 282 (*Miocryphalus*). Holotype, sex?; Ghana, Volta Region, Ho, N 6 degrees 70', E 0 degrees 03'; NHMB, Budapest.

Distribution: Africa (Ghana).

References: **(tx)** Schedl 1977d: 282.

Genus *Periocryphalus* Wood

PERIOCRYPHALUS WOOD 1971: 33. Type-species: *Periocryphalus pullus* Wood, original designation.

References: (hb) Wood, S. L. 1986a: 92. (ds) Wood, S. L. 1986a: 92. (tx) Wood, S. L. 1971: 33. 1986a: 92.

pullus Wood 1971: 33. Holotype ♀: 40 km SE Socopo, Barinas, Venezuela; Wood Collection.
Distribution: South America (Brazil/Venezuela).

Hosts: Liana.

References: (hb) Wood, S. L. 1971: 33. (ds) Beaver 1974a. (tx) Wood, S. L. 1971: 33.

sobrinus Wood 1974a: 22. Holotype ♀: 260 km N Xavantina, Mato Grosso, Brazil; BMNH, London.
Distribution: South America (Brazil).

Hosts: *Protium* sp., *Siparuna* cf. *guianensis*.

References: (hb) Beaver 1974a. (ds) Beaver 1974a. (tx) Wood, S. L. 1974a: 22.

Tribe Corthylini LeConte

Corthyli

References: Blandford 1904: 248; LeConte 1876: 346–347; LeConte & Horn 1883: 516.

Corthylidae

References: Eichhoff 1878b: 421.

Corthylinae

References: Beal & Massey 1945: 104; Hagedorn 1909: 162, 1910a: 24, 137, 1910d: 90; Hopkins 1915c: 224.

Corthylini

References: Leng 1920: 339; Lucas 1920: 339; Wood, S. L. 1978a: 114, 1982b: 69, 1986a: 93–100.

Pityophthoridae

References: Eichhoff 1878b: 173.

Araptidae

References: Eichhoff 1878b: 305.

Amphiceranidae

References: Eichhoff 1878b: 460.

Corthylini: Pityophthorina

Pityophthoridae

References: Eichhoff 1878b: 173.

Pityophthorinae

References: Nusslin 1911: 431.

Pityophthorina

References: Balachowsky 1949a: 232; Numberg 1954: 17; Wood, S. L. 1978a: 115, 1982b: 73, 1986a: 94, 97–98.

Araptidae

References: Eichhoff 1878b: 305.

Genus *Mimiocurus* Schedl

MIMIOCURUS SCHEDL 1957d: 72. Type-species: *Mimiocurus acuminatus* Schedl, monobasic.

Micracidendron Schedl 1957d: 71. Type-species: *Micracidendron montanum* Schedl, monobasic. Synonymy: Wood 1984b: 226.

References: (tx) Schedl 1957d: 71, 1962j: 29, 1977b: 120; Wood, S. L. 1984b: 226.

Mimioiphthorus Schedl 1957d: 77. Type-species: *Brachydendrus montanus* Schedl, nomen nudum, an error for *B. congopus* Schedl, original designation (Schedl 1962j: 63). Synonymy: Wood 1984b: 226.

References: (tx) Schedl 1957d: 77, 1962j: 63; Wood, S. L. 1984b: 226.

References: (hb) Wood, S. L. 1986a: 97, (ds) Schedl 1962j: 52, 63, 1977b: 120; Wood, S. L. 1986a: 97, (tx) Schedl 1957d: 72, 1962j: 52, 63, 1977b: 120; Wood, S. L. 1986a: 97.

acuminatus Schedl 1957d: 72. Holotype, sex?; Congo Belge: Yangambi; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: Liana.

References: (ec) Schedl 1962j: 53, (hb) Schedl

1962j: 53, (ds) Schedl 1962j: 53, (tx) Schedl 1957d: 72, 1962j: 53, 1979c: 11.

beesoni Wood 1989: 182. Holotype ♂; Amarampalam R., Nilambur, Madras, India; FRI, Dehra Dun.

Distribution: Asia (Tamil Nadu in India).

Hosts: *Tiliacora acuminata*.

References: (tx) Wood, S. L. 1989: 182.

congopus (Schedl) 1952i: 14 (*Brachydendrus*). Holotype ♀; Kivu, Muhungu, Congo Belge; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: *Asparagus* sp., *Chlorocodon whitcii*, *Leucas* sp.

Notes: (3) Schedl 1962j: 63 (treated in *Mimioiphthorus*).

References: (hb) Schedl 1962j: 63, (ds) Mayne & Donis 1962: 302; Schedl 1962j: 63, (tx) Schedl 1952i: 14–15, 1955f: 258, 262, 1957d: 77, 1962j: 63–64, 1963a: 30, 1964m: 317, 1979c: 62.

kikusae (Schedl) 1957d: 77 (*Mimioiphthorus*). Holotype, sex?; Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren.

Distribution: Africa (Ivory Coast/ Zaire).

Hosts: *Salacia* cf. *erecte*.

References: (ec) Schedl 1962j: 67, (hb) Schedl 1955d: 185, 1962j: 67, (ds) Schedl 1962j: 67, (tx) Schedl 1957d: 77, 1961m: 83–84, 1962j: 67, 1979c: 132.

kikusuae occidentalis Schedl 1961m: 83 (*Mimioiphthorus*). Lectotype, sex?; Cote d'Ivoire; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 132.

References: (ds) Schedl 1964c: 68, 1972c: 282, (tx) Schedl 1961m: 83, 1962j: 68, 1979c: 132.

montanus (Schedl) 1957d: 71 (*Micracidendron*). Holotype, sex?; Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: *Alchornea hirtella*.

References: (hb) Schedl 1955d: 185–194, 1962j: 29, (ds) Schedl 1962j: 29, (tx) Schedl 1957d: 71, 1962j: 29–30, 1979c: 158.

monticulus Wood 1989: 178. Holotype, sex?; Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren, automatic.

Distribution: Africa (Zaire).

References: (ds) Schedl 1962j: 55, (tx) Schedl 1962j: 55; Wood, S. L. 1989: 178.

montanus Schedl 1957d: 73. Holotype, sex?; Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren, preoccupied by Schedl 1957.

References: (ec) Schedl 1955d: 185, (tx) Schedl 1957b: 156–157, 1957d: 72–73, 1962j: 55, 1979c: 158; Wood, S. L. 1989: 178.

orientalis (Schedl) 1972i: 51 (*Mimioiphthorus*). Holotype ♀; New Guinea (NW), Nabire; BPBM, Honolulu.

- Distribution: New Guinea.
References: (tx) Schedl 1972i: 51, 1979c: 181.
- rosseli** (Schedl) 1973c: 88 (*Taphroterus*). Holotype, sex?; New Guinea: Abaleti, Rossel Island, Milne Bay District; AMNH, New York.
Distribution: New Guinea.
Notes: (3) The holotype was examined by Wood and referred to *Mimioecurus* (Wood 1983 private notes, p. 16).
References: (tx) Schedl 1973c: 88, 1979c: 213.
- rugicollis** (Schedl) 1957d: 78 (*Mimiophthorus*). Holotype, sex?; Congo Belge: Kivu, Hembé-Bitale; MRCB, Torvuren.
Distribution: Africa (Zaire).
Hosts: *Salacia* cf. *erecta*.
References: (cc) Schedl 1962j: 70, (hb) Schedl 1962j: 70, (ds) Schedl 1962j: 70, 1971g: 191, (tx) Schedl 1957d: 78, 1962j: 70, 1979c: 216.
- ruwenzoriensis** (Schedl) 1963a: 30 (*Mimiophthorus*). Holotype, sex?; Uganda, Ruwenzori Range, Nyamgasani Valley, 13,000 ft.; BMNH, London.
Distribution: Africa (Uganda).
Hosts: *Senecio erioneuron*.
References: (tx) Schedl 1963a: 30, 1979c: 217.
- setifer** (Schedl) 1957b: 156 (*Mimips*). Lectotype, sex?; Tanganyika, Lushoto; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 226.
Distribution: Africa (Tanzania).
Hosts: *Syzgium* sp.
Notes: (1) Schedl 1979c: 226 (to *Mimiophthorus*, = *Mimioecurus*). This species has also been cited in *Dendrocranulus*.
References: (hb) Gardner 1957: 31, (ds) Schedl 1962j: 60, (tx) Schedl 1957b: 156, 1962j: 60, 1979c: 226.
- tongatapu** (Schedl) 1979f: 106 (*Mimiophthorus*). Holotype, sex?; Tonga, Tongatapu; Tupon College; New Zealand DSIR, Auckland.
Distribution: Tonga Islands.
References: (tx) Beaver 1987: 68; Schedl 1979f: 106.
- umbratus** (Schedl) 1972e: 290 (*Mimiophthorus*). Holotype ♀; [Ghana] Ashanti Region: Kumasi, Nhasu 330 m, N 6-43, W 1 36; NHMB, Budapest.
Distribution: Africa (Ghana).
References: (tx) Schedl 1972e: 290, 1979c: 260.
- uiseriatu** (Schedl) 1979d: 451 (*Mimiophthorus*). Holotype, sex?; Kamerun, Minkonje; Schedl Collection in NHMW, Wien.
Distribution: Africa (Cameroon).
References: (tx) Schedl 1979d: 451.
- 232; Hagedorn 1910a: 96-97, 1910d: 69; Wood, S. L. 1952b: 916-917, 1986a: 97-98.
- boliviae** (Schedl) 1961i: 224 (*Stephanopodius*). Holotype ♀; Bolivia, Do Santa Cruz, Prov. Jaíta, Buenavista; Schedl Collection in NHMW, Wien.
Distribution: South America (Bolivia).
References: (tx) Schedl 1961i: 224, 1979c: 42.
- brasiliensis** (Schedl) 1972g: 55 (*Stephanopodius*). Holotype, sex?; Brasilien, Corcovado, Gramabara; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1972g: 55, 1979c: 45.
- granulatum** Blandford 1904: 232. Holotype ♂; Bugaba, Chiriqui, Panama; BMNH, London.
Distribution: North America (Costa Rica/Campêche in Mexico/ Panama).
Hosts: *Spondias mombin*.
Notes: (3) Wood 1971: 43 (described female).
References: (cc) Equihua & Atkinson 1986: 634; Matthews 1969: 111, (hb) Equihua & Atkinson 1986: 634, (ds) Blackwelder 1947: 782; Equihua & Atkinson 1986: 634; Estrada & Atkinson 1985: 212; Kleine 1913b: 139, 1914b: 362; Wood, S. L. 1952b: 917, (tx) Blandford 1904: 232; Hagedorn 1910a: 97; Hopkins 1914: 130; Lucas 1920: 619; Wood, S. L. 1982b: 917, (ms) Lucas 1920: 619.
- subulatum** Wood 1971: 43. Holotype ♀; 9 km S Barancas, Barinas, Venezuela; Wood Collection.
Distribution: South America (Venezuela).
Hosts: *Astronium graveolens*.
References: (hb) Wood 1971: 43.

Genus *Dendroterus* Blandford

- DENDROTERUS BLANDFORD 1904: 233. Type-species: *Dendroterus mexicanus* Blandford, subsequent designation by Hopkins 1914: 120.
- Plesiophthorus* Schedl 1940a: 343. Type-species: *Plesiophthorus perspectus* Schedl, monobasic. Synonymy: Wood 1959b: 2.
References: (tx) Schedl 1940a: 343, 1964m: 312; Wood, S. L. 1959b: 2, 1986a: 97.
- Xylochilus* Schedl 1956b: 30. Type-species: *Xylochilus insularis* Schedl = *Dendroterus sallaci* Blandford, original designation. Synonymy: Wood 1972e: 191.
References: (tx) Schedl 1956b: 30; Wood, S. L. 1972e: 191, 1986a: 97.
Keys: Wood 1982b: 918.
- References: (hb) Bright & Stark 1973: 96; Wood, S. L. 1982b: 917, 1986a: 97, (ds) Bright & Stark 1973: 96; Estrada & Atkinson 1988: 212; Wood, S. L. 1982b: 917, 1986a: 97, (tx) Arnett 1960: 1045, 1968: 1045; Blandford 1904: 233; Hopkins 1914: 120, 1915b: 9; Wood, S. L. 1982b: 917, 1986a: 97.
- cognatus** Wood 1971: 46. Holotype ♀; 5 km W El Salto, Durango, Mexico; Wood Collection.
Distribution: North America (Nayarit in Mexico).
Hosts: *Bursera* sp.
References: (hb) Wood, S. L. 1982b: 923, (ds)

Genus *Styphlosoma* Blandford

- STYPHILOSOMA BLANDFORD 1904: 232. Type-species: *Styphlosoma granulatum* Blandford, monobasic.
References: (hb) Wood, S. L. 1986a: 97-98, (ds) Wood, S. L. 1986a: 97-98, (tx) Blandford 1904:

- Wood, S. L. 1982b: 923. (tx) Wood, S. L. 1971: 46, 1982b: 923.
- decipiens** Wood 1959b: 5. Holotype ♂; 3 miles NW Tequila, Jalisco, Mexico; SMUK, Lawrence. Distribution: North America (Jalisco, Oaxaca in Mexico). Hosts: *Bursera* sp. References: (hb) Atkinson et al. 1986: 65; Burgos & Saucedo 1983: 109; Wood, S. L. 1982b: 926. (ds) Atkinson et al. 1986: 68; Burgos & Saucedo 1983: 109; Wood, S. L. 1982b: 926. (tx) Wood, S. L. 1959b: 5, 1982b: 926.
- defectus** Wood 1971: 45. Holotype ♀; near Rincon de Osa, Puntarenas, Costa Rica; Wood Collection. Distribution: North America (Costa Rica/Panama). Hosts: *Bursera simarubra*. References: (hb) Wood, S. L. 1982b: 923. (ds) Wood, S. L. 1982b: 923. (tx) Wood, S. L. 1971: 45–46, 1982b: 923.
- eximius** Wood 1971: 44. Holotype ♀; Lago Amatitlan, Esquintla, Guatemala; Wood Collection. Distribution: North America (Guatemala). Hosts: *Bursera simarubra*. References: (hb) Wood, S. L. 1982b: 923. (ds) Wood, S. L. 1982b: 923. (tx) Wood, S. L. 1971: 44, 1982b: 923.
- fossifrons** Wood 1984e: 114. Holotype ♂; Estacion de Biología, Jalisco, Mexico; Wood Collection. Distribution: North America (Jalisco in Mexico). Hosts: *Bursera* sp. References: (ce) Equihua & Atkinson 1986: 633. (hb) Equihua & Atkinson 1986: 633. (ds) Equihua & Atkinson 1986: 633. (tx) Wood, S. L. 1984e: 114.
- luteolus** (Schedl) 1951m: 111 (*Plesiophthorus*). Holotype ♂; Mexico; Schedl Collection in NHMW, Wien. Figures: Atkinson et al. 1986: 77. Distribution: North America (Chiapas, Morelos, Nayarit, Puebla in Mexico). Hosts: *Bursera* spp. References: (ce) Equihua & Atkinson 1986: 634. (hb) Atkinson et al. 1986: 70; Equihua & Atkinson 1986: 634; Wood, S. L. 1954a: 107, 1982b: 926. (ds) Atkinson & Equihua 1988: 90; Atkinson et al. 1986: 70; Equihua & Atkinson 1986: 634; Estrada & Atkinson 1988: 211; Wood, S. L. 1982b: 926. (tx) Atkinson et al. 1986: 77; Schedl 1951m: 111–112, 1952e: 123, 1979c: 143; Wood, S. L. 1954a: 107, 1959b: 2, 1972e: 194, 1982b: 926.
- mundus** Wood 1959b: 3. Holotype ♂; Tehuizingo, Puebla, Mexico; SMUK, Lawrence. Synonymy: Wood 1972e: 194. References: (tx) Schedl 1964m: 312; Wood, S. L. 1959b: 3, 1972e: 194.
- mexicanus** Blandford 1904: 233. Holotype ♀; Tehuantepec, Oaxaca, Mexico; BMNH, London. Distribution: North America (Jalisco, Morelos, Nayarit, Oaxaca in Mexico). Hosts: *Bursera* spp. References: (ce) Equihua & Atkinson 1986: 631. (hb) Atkinson & Equihua 1985c: 358; Atkinson et al. 1986: 70; Burgos & Saucedo 1983: 105; Equihua & Atkinson 1986: 634; Wood, S. L. 1982b: 924. (ds) Atkinson & Equihua 1985c: 358, 1988: 90; Atkinson et al. 1986: 70; Blackwelder 1947: 782; Burgos & Saucedo 1983: 105; Equihua & Atkinson 1986: 634; Ferrer 1942; Hagedorn 1910d: 69; Kleine 1913b: 139, 1914b: 351; Wood, S. L. 1982b: 924. (tx) Blandford 1904: 233; Hagedorn 1910a: 91; Hopkins 1914: 120; Lucas 1920: 230; Schedl 1940a: 343; Wood, S. L. 1959b: 2, 1972e: 194, 1976a: 348, 1982b: 924. (ms) Lucas 1920: 230.
- umbratus** Schedl 1937h: 168 (*Conophthoracranulus*). Holotype ♀; Mexico; Schedl Collection in NHMW, Wien. Synonymy: Wood 1976a: 348. References: (tx) Schedl 1937h: 168–169, 1940a: 346, 1964m: 312; Wood, S. L. 1976a: 348.
- confinis** Wood 1959b: 6. Holotype ♂; 23 km NW Magdalena, Jalisco, Mexico; SMUK, Lawrence. Synonymy: Wood 1972e: 196. References: (tx) Schedl 1959b: 6, 1964m: 312; Wood, S. L. 1959b: 6, 1972e: 194.
- modicus** Wood 1984e: 115. Holotype ♀; Volcan Cebohuco, Nayarit, Mexico, 1100 m; Wood Collection. Distribution: North America (Nayarit in Mexico). Hosts: *Bursera* sp. References: (tx) Wood, S. L. 1984e: 115.
- parilis** Wood 1971: 44. Holotype ♀; Santa Ana, San Jose, Costa Rica, 1300 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: *Bursera simarubra*. References: (hb) Wood, S. L. 1982b: 922. (ds) Wood, S. L. 1982b: 922. (tx) Wood, S. L. 1971: 44, 1982b: 922.
- perspectus** (Schedl) 1940a: 343 (*Plesiophthorus*). Holotype ♀; Omiltilme, Guerrero, Mexico; Schedl Collection in NHMW, Wien. Distribution: North America (Guerrero in Mexico). Notes: (1) Wood 1959b: 2 (to *Dendroterus*). (3) Wood 1982b: 924 (redescribed female). References: (hb) Atkinson et al. 1986: 70. (ds) Atkinson et al. 1986: 70; Blackwelder 1947: 781; Ferrer 1942. (tx) Schedl 1940a: 343, 1952e: 122, 1979c: 191; Wood, S. L. 1959b: 2, 1982b: 924.
- resolutus** Wood 1971: 45. Holotype ♀; Playa del Coco, Gnanacaste, Costa Rica; Wood Collection. Distribution: North America (Costa Rica). Hosts: *Bursera simarubra*. References: (hb) Wood, S. L. 1982b: 925. (ds) Wood, S. L. 1982b: 925. (tx) Wood, S. L. 1971: 45, 1982b: 925.

sallaei Blandford 1904: 233. Holotype ♀; Veracruz, Veracruz, Mexico; BMNH, London.

Distribution: North America (Costa Rica/ Chiapas, Jalisco, Nayarit, Oaxaca, Tamaulipas, Tres Marias Islands in Mexico).

Hosts: *Bursera simarubra*, *B.* sp.

References: (cc) Equilua & Atkinson 1986: 634. (hb) Equilua & Atkinson 1986: 634; Wood, S. L. 1982b: 924. (ds) Atkinson & Equilua 1988: 90; Blackwelder 1947: 782; Equilua & Atkinson 1986: 634; Ferrer 1942; Hagedorn 1910d: 69; Kleine 1913b; 139, 1914b; 351; Wood, S. L. 1982b: 924. (tx) Blandford 1904: 233; Hagedorn 1910a: 91; Lucas 1920: 230; Schedl 1940a: 343; Wood, S. L. 1959b: 2, 1972e: 195, 1982b: 924. (ms) Lucas 1920: 230.

insularis Schedl 1956b: 31 (*Xylochilus*). Holotype ♂; Arroyo Hondo, Maria Madre, Tres Marias Islands, Gulf of California, Mexico; CAS, San Francisco. Synonymy: Wood 1972e: 195.

References: (hb) Wood, S. L. 1982b: 921. (ds) Wood, S. L. 1982b: 921. (tx) Schedl 1956b: 31, 1979c: 126; Wood, S. L. 1972e: 195, 1982b: 921.

sodalis Wood 1971: 44. Holotype ♀; Volcan de Agua, Esquintla, Guatemala; Wood Collection.

Distribution: North America (Guatemala).

Hosts: *Bursera simarubra*.

References: (tx) Wood, S. L. 1971: 44.

striatus (LeConte) 1868: 156 (*Cryphalus*). Lectotype ♀; Cape San Lucas, Baja California, Mexico; MCZ, Cambridge, designated by Wood 1982b: 927. Distribution: North America (Baja California in Mexico/ S California in USA).

Hosts: *Bursera microphylla*.

Notes: (1) Wood 1954a: 1071 (to *Plesiophthorus*, 1972e: 195 to *Deutroterus*).

References: (hb) Bright & Stark 1973: 96; Wood, S. L. 1954a: 1071, 1982b: 927. (ds) Blatchley & Leng 1916: 631; Bright & Stark 1973: 96; Chamberlin 1939: 295; Gemminger & Harold 1872: 2689; Hagedorn 1910d: 45; Henshaw 1882: 269, 1885: 148; Horn 1894: 359; Leng 1920: 340; Wood, S. L. 1982b: 927. (tx) Blatchley & Leng 1916: 631; Hagedorn 1910a: 88; Hopkins 1915b: 33; LeConte 1868: 156, 1876: 356; Swaine 1909: 119; Wood, S. L. 1954a: 960, 1071, 1959b: 2, 1972e: 195, 1982b: 927. *californicus* Schedl 1952e: 123 (*Plesiophthorus*).

Holotype ♀; Angeles Bay, Gulf of California, Baja California, Mexico; CAS, San Francisco. Synonymy: Wood 1972e: 195.

References: (hb) Wood, S. L. 1954a: 1071. (tx) Schedl 1952e: 122–123, 1979c: 50; Wood, S. L. 1954a: 1071, 1959b: 2, 1972e: 195.

texasus Wood 1959b: 4. Holotype ♂; Presidio, Texas [USA]; USNM, Washington.

Distribution: North America (SW Texas in USA). Hosts: *Jatropha spatulata*.

References: (hb) Wood, S. L. 1982b: 920. (ds) Wood, S. L. 1982b: 920. (tx) Schedl 1964m: 312; Wood, S. L. 1959b: 4, 1982b: 920.

Genus *Phloeoterus* Wood

PHLOEOTERUS WOOD 1984e: 117. Type-species: *Phloeoterus burserae* Wood, original designation. References: (hb) Wood, S. L. 1986a: 97. (ds) Wood, S. L. 1986a: 97. (tx) Wood, S. L. 1984e: 117, 1986a: 97.

burserae Wood 1984e: 117. Holotype ♀; Estacion de Biologia, Chamela, Jalisco, Mexico; Wood Collection.

Distribution: North America (Jalisco in Mexico).

Hosts: *Bursera instabilis*.

References: (cc) Equilua & Atkinson 1986: 634. (hb) Equilua & Atkinson 1986: 634. (ds) Equilua & Atkinson 1986: 634. (tx) Muskus, A. 1984: 100; Wood, S. L. 1984e: 117.

Genus *Araptus* Eichhoff

ARAPTUS EICHHOFF 1872a: 136. Type-species: *Araptus rufopalliatu*s Eichhoff, monobasic.

Neodryocoetes Eggers 1933b: 9. Type-species: *Neodryocoetes hymenacae* Eggers, monobasic. Synonymy: Blackman 1942a: 180, Wood 1973c: 170.

References: (tx) Blackman 1942a: 178–181; Bright 1972d: 91; Diakonoff 1935: 12–14; Eggers 1933b: 9, 1936a: 388–390, 1940a: 123–141; Schedl 1937h: 165, 1938a: 160–167, 177, 1939c: 344, 1951m: 72, 1962p: 206, 1964m: 311; Wood, S. L. 1973c: 170, 1986a: 97.

Thammophthorus Schedl 1938a: 174. Type-species: *Thammophthorus volastos* Schedl, subsequent designation by Blackman 1942a: 178. Synonymy: Wood 1973c: 170.

References: (tx) Arnett 1960: 1045, 1965: 1045; Blackman 1942a: 178; Schedl 1938a: 174; Wood, S. L. 1961a: 41–48, 1973c: 170, 1986a: 97.

Neopityophthorus Schedl 1938a: 180. Type-species: *Pityophthorus laevigatus* Eggers, subsequent designation by Wood 1982b: 928. Synonymy: Schedl 1951m: 72.

References: (tx) Blackman 1942a: 180; Eggers 1940a: 123–141; Schedl 1937h: 165, 1938a: 160–167, 180, 1951m: 72; Wood, S. L. 1982b: 928, 1986a: 97.

Sphenoceros Schedl 1939j: 565. Type-species: *Sphenoceros limax* Schedl, monobasic. Synonymy: Wood 1973c: 170.

References: (tx) Schedl 1939j: 565–566; Wood, S. L. 1973c: 170, 1986a: 97.

Hypertenus Hagedorn 1950: 164 (in Schedl 1950i: 164). Type-species: *Hypertenus ritteri*, nomen nudum, = *Sphenoceros limax* Schedl. Nomen nudum, no status.

References: (tx) Hagedorn 1950: 164 (in Schedl 1950i); Wood, S. L. 1986a: 97.

Brachydendrilus Schedl 1951m: 114. Type-species: *Brachydendrilus eggersi* Schedl, monobasic. Synonymy: Wood 1984b: 224.

References: (tx) Schedl 1951m: 114, 1957d: 1–162; Wood, S. L. 1984b: 224, 1986a: 97.

Gnathocranus Schedl 1951m: 116. Type-species: *Gnathocranus novateutonicus* Schedl, monobasic. Synonymy: Wood 1984b: 224.

References: (tx) Schedl 1951m: 116; Wood, S. L. 1984b: 224, 1986a: 97.

Gnathoborus Schedl 1970e: 93. Type-species: *Breviophthorus argentiniae* Schedl, original designation. Synonymy: Wood 1984b: 224.

References: (tx) Schedl 1970e: 93; Wood, S. L. 1984b: 224, 1986a: 97.

Keys: Wood 1982b: 928 for North and Central America, Bright 1972d: 91 for Jamaica.

References: (hb) Wood, S. L. 1982b: 927, 1986a: 97. (ds) Hagedorn 1910d: 77; Wood, S. L. 1982b: 927, 1986a: 97. (tx) Eichloff 1872a: 136, 1878b: 35, 37, 305; Hagedorn 1909a: 743, 1909b: 412, 1910a: 110; Hopkins 1914: 117, 1915c: 228; Schedl 1962j: 28; Wood, S. L. 1973c: 170, 1982b: 927–928, 1986a: 97.

accinctus Wood 1974a: 44. Holotype ♂; 3 km SE Acatlan, Puebla, Mexico; Wood Collection.

Distribution: North America (Puebla in Mexico).
Hosts: Liana, in pith.

References: (hb) Atkinson et al. 1986: 68; Wood, S. L. 1982b: 938. (ds) Atkinson et al. 1986: 68; Wood, S. L. 1982b: 938. (tx) Wood, S. L. 1974a: 44, 1982b: 938.

amazonicus (Eggers) 1936a: 391 (*Neodryocoetes*). Holotype ♂; Brasilien, Amazonas, Manaus; Eggers Collection, in NHMW, Wien.

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 781. (tx) Eggers 1936a: 391–392; Schedl 1938a: 177, 1979c: 18.

araucariae (Schedl) 1966f: 109 (*Conophthoracranulus*). Holotype ♀?; Argentinien, Misiones, Dep. Concep., Sta. Maria; Schedl Collection in NHMW, Wien.

Distribution: South America (Argentina).

Hosts: *Araucaria brasiliensis*, in seeds.

References: (tx) Schedl 1966e: 43, 1966f: 109, 1979c: 24.

araujiae Brethes 1921: 165 (*Xyleborus*). Syntypes, sex?; La Plata, Argentina; Museo Argentino de Ciencias Naturales, Buenos Aires.

Figures: Brethes 1921: 166 (adult, antenna).

Distribution: South America (Argentina/ Brazil).

Hosts: *Araujia sericifera*.

Notes: (1) Schedl 1939m: 169 (to *Neodryocoetes*, =*Araptus*).

References: (cn) Costa Lima 1956. (hb) Costa Lima 1956; Viana 1964: 125. (ds) Blackwelder 1947: 781; Costa Lima 1956; Schedl 1972g: 43, 1973d: 155; Viana 1964: 125. (tx) Brethes 1921: 165; Costa Lima 1956; Schedl 1939d: 412, 1939m: 169, 1951h: 284, 1952a: 446.

longicollis Schedl 1938a: 179 (*Neodryocoetes*). Holotype, sex?; Argentinien, Prov. Tucuman;

Eggers Collection, in NHMW, Wien. Synonymy: Costa Lima 1956: 288.

Notes: (3) Schedl 1938a: 25 gives the host as *Araujia* sp.

References: (ds) Blackwelder 1947: 781. (tx) Costa Lima 1956: 288; Schedl 1938a: 179, 1938i: 25, 1939m: 169, 1961b: 187, 1979c: 140.

argentiniae (Schedl) 1958f: 44 (*Breviophthorus*). Syntypes, sex?; Argentinien: Misiones, Dep. Concep., Sta. Maria; Schedl Collection in NHMW, Wien and Viana Collection.

Distribution: South America (Argentina/ Brazil).
Notes: (1) Schedl 1970e: 93, 1979c: 25 (citation of holotype invalid).

References: (ds) Schedl 1958f: 44, 1970e: 82, 93; Schonherr & Pedrosa-Macedo 1981: 53. (tx) Schedl 1958f: 44, 1979c: 25.

attenuatus Wood 1975a: 30. Holotype ♀; 48 km W Baja de los Angeles, Baja California Norte, Mexico; Wood Collection.

Distribution: North America (Baja California Norte in Mexico).

Hosts: *Pediolanthus macrocarpus*.

References: (ds) Wood, S. L. 1982b: 951. (tx) McNamara 1984: 752; Wood, S. L. 1975a: 30, 1982b: 951.

aztecus (Wood) 1971: 54 (*Splucoceros*). Holotype ♀; 6 km W Tepic, Nayarit, Mexico; Wood Collection.
Distribution: North America (Nayarit, San Luis Potosí in Mexico).

Hosts: Tree limb, in phloem, in transverse, biramous parental tunnels; *Ficus* sp.

References: (hb) Wood, S. L. 1982b: 962. (ds) Atkinson & Equihua 1985c: 358; Estrada & Atkinson 1988: 211; Wood, S. L. 1982b: 962. (tx) Wood, S. L. 1971: 54, 1982b: 962.

blanditus Wood 1974a: 47. Holotype ♀; Fortín de las Flores, Veracruz, Mexico; Wood Collection.

Distribution: North America (Veracruz in Mexico/ Panama).

Hosts: Tree branch.

References: (ds) Wood, S. L. 1982b: 951. (tx) Wood, S. L. 1974a: 47, 1982b: 951.

bolivianus (Schedl) 1951m: 110 (*Neodryocoetes*). Holotype, sex?; Bolivien, Cochabamba (German); Schedl Collection in NHMW, Wien.

Distribution: South America (Bolivia).

References: (tx) Schedl 1951h: 291, 1951m: 110, 115, 1979c: 43.

brasiliensis (Schedl) 1938a: 178 (*Neodryocoetes*). Holotype ♂; Brasilien; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 781. (tx) Schedl 1938a: 175, 178, 1938i: 26, 1979c: 45.

carinifrons (Blandford) 1904: 244 (*Pityophthorus*). Holotype ♂; Motzorongo, Veracruz, Mexico; BMNH, London.

- Distribution: North America (Veracruz in Mexico/ Panama).
 Hosts: Liana, in pith.
 Notes: (1) Bright 1976c: 425 (to *Araptus*).
 References: (**hb**) Wood, S. L. 1952b: 941. (**ds**) Blackwelder 1947: 751; Hagedorn 1910d: 70; Kleine 1913b: 140, 1914b: 351; Wood, S. L. 1952b: 941. (**tx**) Blandford 1904: 244; Bright 1976c: 425; Hagedorn 1910a: 100; Schedl 1940a: 348; Wood, S. L. 1952b: 941.
- chilensis** (Schedl) 1955c: 258 (*Conophthocranulus*). Syntypes, sex?; Chile, Valparaiso, Algarrobo; Kuschel Collection and 2 ♂ in Schedl Collection in NHMW, Wien.
 Distribution: South America (Chile).
 Notes: (1) Schedl 1979: 56 (citation of holotype invalid).
 References: (**ds**) Schedl 1972d: 144. (**tx**) Schedl 1955c: 256, 258, 1972d: 144, 1979c: 56.
- columbianus** (Schedl) 1935a: 178 (*Neopityophthorus*). Holotype, sex?; Columbia; Schedl Collection in NHMW, Wien.
 Distribution: South America (Colombia).
 Hosts: *Theobroma cacao*, in seeds.
 References: (**ds**) Blackwelder 1947: 751. (**tx**) Blackman 1942a: 183-184; Schedl 1935a: 178, 1979c: 60.
- concentralis** (Schedl) 1951m: 107 (*Neodryocoetes*). Holotype, sex?; Mexico; Schedl Collection in NHMW, Wien.
 Distribution: North America (Jalisco, Oaxaca, Puebla in Mexico).
 Hosts: Shrub (? Compositae), in phloem, in radiate parental tunnels.
 References: (**hb**) Wood, S. L. 1952b: 959. (**ds**) Wood, S. L. 1952b: 959. (**tx**) Schedl 1951m: 107, 1979c: 61; Wood, S. L. 1952b: 959.
- conditus** Wood 1974a: 48. Holotype ♀; Puerto Viejo, Heredia, Costa Rica; Wood Collection.
 Distribution: North America (Costa Rica).
 Hosts: Liana phloem, in radiate parental tunnels.
 References: (**hb**) Wood, S. L. 1952b: 953. (**ds**) Wood, S. L. 1952b: 953. (**tx**) Wood, S. L. 1974a: 45, 1952b: 953.
- confinis** (Blandford) 1904: 241 (*Pityophthorus*). Lectotype ♂; Jalapa, Veracruz, Mexico; BMNH, London, designated by Wood 1975b: 39.
 Distribution: North America (Guatemala/ Honduras/ Chiapas, Veracruz in Mexico/ Panama).
 Hosts: Liana.
 References: (**hb**) Wood, S. L. 1952b: 942. (**ds**) Blackwelder 1947: 751; Ferrer 1942; Hagedorn 1910d: 70; Kleine 1913b: 140, 1914b: 351, 362; Wood, S. L. 1952b: 942. (**tx**) Blandford 1904: 241; Bright 1976b: 185; Eggers 1936a: 390; Hagedorn 1910a: 100; Schedl 1935a: 177, 1940a: 346, 1955g: 18; Wood, S. L. 1975b: 391, 1952b: 942. *glabricollis* Schedl 1935a: 181. Holotype ♂; [Teopisca, Chiapas] Mexico; Schedl Collection in NHMW, Wien. Synonymy: Wood 1975b: 391.
- References: (**ds**) Blackwelder 1947: 751; Ferrer 1942. (**tx**) Schedl 1935a: 181, 1940a: 346, 1951m: 108, 1979c: 106; Wood, S. L. 1975b: 391.
- confluens** (Schedl) 1964k: 311 (*Ctenyophthorus*). Holotype ♀; Nova Teutonia, Santa Catarina, Brazil; Schedl Collection in NHMW, Wien, automatic.
 Distribution: South America (Brazil).
 References: (**tx**) Schedl 1964k: 311.
- concentralis** Schedl 1963d: 222 (*Ctenyophthorus*). Holotype, sex?; Nova Teutonia, Santa Catarina, Brazil; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1951.
 References: (**tx**) Schedl 1951m: 107, 1963d: 222, 1964m: 311, 1979c: 61.
- consobrinus** Wood 1975b: 394. Holotype ♂; 6 km N Tepic, Nayarit, Mexico, 1000 m; Wood Collection.
 Distribution: North America (Jalisco, Nayarit in Mexico).
 Hosts: *Ficus* sp.
 References: (**cc**) Equihua & Atkinson 1986: 633. (**hb**) Equihua & Atkinson 1986: 633. (**ds**) Atkinson & Equihua 1985c: 358; Equihua & Atkinson 1986: 633; Kirkendall 1984: 242; Wood, S. L. 1952b: 950. (**tx**) Wood, S. L. 1975b: 394, 1952b: 950.
- corpulentus** (Schedl) 1973a: 371 (*Neodryocoetes*). Holotype, sex?; Bolivien, Guayaramerin (Beni); NHMB, Budapest.
 Distribution: South America (Bolivia).
 References: (**tx**) Schedl 1973a: 371.
- costaricensis** (Schedl) 1935a: 180 (*Neodryocoetes*). Holotype ♀; Costa Rica; Schedl Collection in NHMW, Wien.
 Distribution: North America (Costa Rica/ Panama).
 Hosts: *Cecropia* sp. petiole, and tree twigs.
 Notes: (1) Validated as *insularis* var. *costaricensis*. (3) Allied to *laevigatus*, with similar reproduction and sexual dimorphism.
 References: (**ds**) Wood, S. L. 1952b: 945. (**tx**) Schedl 1935a: 180, 1951m: 73, 1979c: 126; Wood, S. L. 1952b: 945.
- crassulus** Wood 1981: 122. Holotype ♀; 8 km NE Cerro Jefe, Panama Prov., Panama, 700 m; CNCI, Ottawa, automatic.
 Distribution: North America (Panama).
 References: (**ds**) Wood, S. L. 1952b: 947. (**tx**) Wood, S. L. 1981: 122, 1952b: 947.
- crassus** Wood 1977b: 211. Holotype ♀?; 8 km NE Cerro Jefe, Panama Prov., Panama; CNCI, Ottawa, preoccupied by Schedl 1966.
 References: (**tx**) Wood, S. L. 1977b: 211.
- crassus** (Schedl) 1966f: 108 (*Thamniophthorus*). Holotype, sex?; Surinam, Moenge; Schedl Collection in NHMW, Wien.
 Distribution: South America (Suriname).

- References: (tx) Schedl 1966f: 108, 1979c: 68.
- cribricollis** (Schedl) 1954b: 36 (*Neodryocoetes*).
Syntypes ♂ ♀: Brasilien, Fortaleza R. G.; Schedl Collection in NHMW, Wien, and Planmann Collection.
Distribution: South America (Brazil).
Notes: (1) Schedl 1979c: 69 (citation of holotype invalid).
References: (tx) Schedl 1954b: 36, 1963d: 223, 1979c: 69.
- sulcatus** Schedl 1959m: 552 (*Breviophthorus*).
Holotype ♀: Matto Grosso: Rio Caraguata; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1963d: 223.
References: (tx) Schedl 1959m: 552, 1963d: 223, 1979c: 245.
- cribripennis** (Schedl) 1976a: 70 (*Neodryocoetes*).
Holotype ♀?: Xingu, Mato Grosso, Brasil; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 70.
- cubensis** (Blackman) 1942a: 191 (*Neodryocoetes*).
Holotype ♀: Cayamas, Cuba; USNM, Washington.
Figures: Blackman 1942a: figs. 8-9.
Distribution: Antilles Islands (Cuba).
References: (ds) Blackwelder 1947: 781; Bright 1955c: 175. (tx) Blackman 1942a: 191-192; Bright 1955c: 175; Schedl 1951m: 107.
- decorulus** Wood 1974d: 278. Holotype ♂: Rincon de Osa, Puntarenas, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: Tree log, in phloem.
References: (hb) Wood, S. L. 1982b: 948. (ds) Wood, S. L. 1982b: 948. (tx) Wood, S. L. 1974d: 278, 1982b: 948.
- decorus** Wood 1974a: 47. Holotype ♂: Rincon de Osa, Puntarenas, Costa Rica; Wood Collection, preoccupied by Bright 1972.
References: (tx) Wood, S. L. 1974a: 47, 1974d: 278.
- decorus** (Bright) 1972d: 96 (*Neodryocoetes*). Holotype ♂: Good Hope, Trelavny Parish, Jamaica; CNCI, Ottawa.
Distribution: Antilles Islands (Jamaica).
References: (ds) Bright 1985c: 176. (tx) Bright 1972d: 96, 1985c: 176; McNamara 1977: 196; Wood, S. L. 1974d: 278.
- delicatus** Wood 1974a: 44. Holotype ♂: 8 km S La Huerta, Jalisco, Mexico; Wood Collection.
Distribution: North America (Jalisco, Nayarit in Mexico).
Hosts: Liana, in pith.
References: (ec) Equihua & Atkinson 1986: 633. (hb) Equihua & Atkinson 1986: 633; Wood, S. L. 1982b: 939. (ds) Equihua & Atkinson 1986: 633; Wood, S. L. 1982b: 939. (tx) McNamara 1984: 752; Wood, S. L. 1974a: 44, 1982b: 939.
- dentifrons** Wood 1974a: 45. Holotype ♂: 3 km SE Acatlan, Puebla, Mexico; Wood Collection.
Distribution: North America (Honduras/ Jalisco, Puebla in Mexico/ Florida in USA).
Hosts: Lianas (in pith), *Sarcostemma clausum*.
References: (hb) Atkinson et al. 1986: 35; Burgos & Saucedo 1983: 110; Wood, S. L. 1982b: 942. (ds) Atkinson & Equihua 1985a: 88; Atkinson et al. 1986: 35, 1991: 162; Burgos & Saucedo 1983: 110; Wood, S. L. 1982b: 942. (tx) Wood, S. L. 1974a: 45, 1982b: 942.
- mexicanus** Schedl 1963c: 161 (*Breviophthorus*).
Holotype ♂: Mexico; Schedl Collection in NHMW, Wien, preoccupied by Eggers 1936.
Synonymy: Wood 1982b: 942.
References: (tx) Schedl 1963c: 161, 1979c: 152; Wood, S. L. 1982b: 942.
- deyrollei** (Blandford) 1904: 245 (*Pityophthorus*).
Lectotype ♂: Mexico; BMNH, London, designated by Wood 1974d: 278.
Distribution: North America (Guatemala/ Honduras/ "Mexico").
Hosts: In seeds.
References: (hb) Wood, S. L. 1982b: 937. (ds) Blackwelder 1947: 781; Hagedorn 1910d: 71; Kleine 1913b: 140, 1914b: 351; Wood, S. L. 1982b: 937. (tx) Blandford 1904: 245; Hagedorn 1910a: 100; Schedl 1938a: 174, 1940a: 348; Wood, S. L. 1974d: 278, 1982b: 937.
- insinuatus** Wood 1974a: 43. Holotype ♂: Guatemala seeds intercepted at San Pedro, California; Wood Collection. Synonymy: Wood 1974d: 278.
References: (tx) Wood, S. L. 1974a: 43, 1974d: 278.
- dubiosus** (Schedl) 1964b: 206 (*Thamniophthorus*).
Holotype, sex?: Jacarepagna, Rio de Janeiro, Argentina; Servicio de Defensa Sanitaria Vegetal, Rio de Janeiro.
Distribution: South America (Argentina).
Hosts: *Nerium oleander*.
References: Schedl 1964b: 206, 1979c: 84.
- dubius** (Schedl) 1966f: 105 (*Neodryocoetes*). Holotype ♀: Brasilien, Nova Teutonia, Sta. Catarina; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (ds) Schedl 1966f: 85, 105, 1979c: 55.
- eggersi** (Schedl) 1951m: 115 (*Brachydendrulus*).
Holotype, sex?: Bolivien, Cochabamba (German); Schedl Collection in NHMW, Wien.
Distribution: South America (Bolivia).
Notes: (3) Schedl 1951m: 115 (cited as *Brachydendrulus laevis* Eggers, nomen nudum).
References: (tx) Schedl 1951m: 115, 1952i: 14, 1954b: 34, 1979c: 86.
- eggersianus** (Schedl) 1958k: 144 (*Pityophthorus*).
Holotype, sex?: Guadeloupe; Trois-Rivieres; Eggers Collection, in NHMW, Wien, automatic.
Distribution: Antilles Islands (Guadeloupe).

- References: (tx) Schedl 1955k: 144, 1960i: 106.
denticulatus Eggers 1940a: 129 (*Pityophthorus*).
 Holotype, sex?: Guadeloupe; Trois-Rivieres; Eggers Collection, in NHMW, Wien, preoccupied by Wichmann 1915.
 Notes: (f) Bright 1951c: 158 (to *Araptus*).
 References: (ds) Bright 1955c: 176. (tx) Bright 1951c: 158. 1955c: 176; Eggers 1940a: 129; Schedl 1938a: 162, 1952d: 347, 1957c: 878, 1958k: 144, 1960h: 106, 1979c: 78.
- guadeloupensis* Numborg 1956d: 208 (*Pityophthorus*). Holotype, sex?: Guadeloupe; Trois-Rivieres; Eggers Collection, in NHMW, Wien, automatic, preoccupied by Schedl 1951.
 References: (tx) Numborg 1956d: 208, 1963c: 98; Schedl 1960i: 106.
- elongatus* (Schedl) 1961i: 226 (*Thamniophthorus*). Holotype, sex?: Bolivia, Cochabamba, Taguina; Schedl Collection in NHMW, Wien.
 Distribution: South America (Bolivia).
 References: (ds) Schedl 1960a: 77, 1961i: 226, 1979c: 90.
- eruditus* (Schedl) 1938a: 152 (*Neopityophthorus*). Holotype ♀; [El Cora, Tepic], Mexico; Schedl Collection in NHMW, Wien.
 Figures: Blackman 1942a: fig. 15.
 Distribution: North America (Costa Rica/ Guatemala/ Honduras/ Chiapas, Nayarit, Oaxaca in Mexico/ Panama).
 Hosts: Limb and log, in phloem, in radiate parental tunnels.
 Notes: (f) Wood 1975b: 392 (to *Araptus*).
 References: (hb) Wood, S. L. 1982b: 956. (ds) Atkinson & Equihua 1986a: 422; Blackwelder 1947: 781; Ferrer 1942; Wood, S. L. 1982b: 956. (tx) Schedl 1938a: 152, 1940a: 346, 1951m: 109, 1954b: 36, 1979c: 91; Wood, S. L. 1975b: 392, 1982b: 956.
- buseki* Blackman 1942a: 192 (*Neodryocetes*). Holotype ♀; Cabima, Panama; USNM, Washington. Synonymy: Wood 1975b: 392.
 References: (ds) Blackwelder 1947: 781. (tx) Blackman 1942a: 192; Wood, S. L. 1975b: 392.
- exigialis* Wood 1974a: 50. Holotype ♀; Fort Clayton, Canal Zone, Panama, 30 m; Wood Collection.
 Distribution: North America (Panama).
 Hosts: Liana phloem, in radiate parental tunnels.
 References: (hb) Wood, S. L. 1982b: 957. (ds) Wood, S. L. 1982b: 957. (tx) Wood, S. L. 1974a: 50, 1982b: 957.
- facetus* Wood 1974a: 46. Holotype ♀; Rio Tempisque, Guanacaste, Costa Rica; Wood Collection.
 Distribution: North America (Costa Rica).
 Hosts: *Ficus* sp. twigs.
 References: (hb) Wood, S. L. 1982b: 944. (ds) Wood, S. L. 1982b: 944. (tx) Wood, S. L. 1974a: 46, 1982b: 944.
- fossifrons* Wood 1975a: 30. Holotype ♂; Lago Amatitlan, Guatemala; Wood Collection.
 Figures: Burgos & Saucedo 1983: 111.
 Distribution: North America (Guatemala/ Jalisco, Nayarit, Oaxaca in Mexico).
 Hosts: Seed pods of trees, lianas.
 References: (cc) Equihua & Atkinson 1986: 633. (hb) Atkinson et al. 1986: 68; Burgos & Saucedo 1983: 110; Equihua & Atkinson 1986: 633; Wood, S. L. 1982b: 937. (ds) Atkinson et al. 1986: 68; Burgos & Saucedo 1983: 110; Equihua & Atkinson 1986: 633; Wood, S. L. 1982b: 937. (tx) Burgos & Saucedo 1983: 111; Wood, S. L. 1975a: 30, 1982b: 937.
- foreifrons* (Schedl) 1963c: 161 (*Thamniophthorus*). Holotype ♂; Mexico; Jalisco, Guadalajara; Schedl Collection in NHMW, Wien.
 Distribution: North America (Guatemala/ Jalisco in Mexico).
 Hosts: Liana, in pith.
 Notes: Wood 1975a: 21 (to *Araptus*).
 References: (hb) Wood, S. L. 1982b: 938. (ds) Wood, S. L. 1982b: 938. (tx) Schedl 1963c: 161, 1979c: 99; Wood, S. L. 1974a: 44, 1975a: 21, 1982b: 938.
- interjectus* Wood 1974a: 44. Holotype ♂; Volcan de Agua, Guatemala; Wood Collection. Synonymy: Wood 1975a: 21.
 References: (tx) Wood, S. L. 1974a: 44, 1975a: 21.
- frenatus* (Schedl) 1939d: 411 (*Thamniophthorus*). Syntypes, sex?: Cordoba, San Javier [Argentina]; Schedl Collection in NHMW, Wien, and Bosq Collection.
 Distribution: South America (Argentina).
 Notes: (f) Schedl 1979c: 100 (citation of holotype invalid).
 References: (hb) Viana 1964: 125. (ds) Blackwelder 1947: 781; Viana 1964: 125. (tx) Schedl 1939d: 411, 1964b: 208, 1979c: 100.
- frontalis* Wood 1974a: 52. Holotype ♀; Volcan Zamil, Quezaltenango, Guatemala, 1000 m; Wood Collection.
 Distribution: North America (Guatemala).
 Hosts: Compositae shrub, in phloem, in radiate parental tunnels.
 References: (tx) Wood, S. L. 1974a: 52, 1982b: 959, 1989: 177.
- frontis* Wood 1989: 177. Holotype ♀; Brasilien, Encruzilhada, Bahia; Schedl Collection in NHMW, Wien, automatic.
 Distribution: South America (Brazil).
 References: (tx) Wood, S. L. 1989: 117.
- frontalis* Schedl 1978c: 302 (*Gnathocranus*). Holotype ♀; Brasilien, Encruzilhada, Bahia; Schedl Collection in NHMW, Wien, preoccupied by Wood 1974.
 References: (ds) Schedl 1973d: 162. (tx) Schedl 1978c: 302; Wood, S. L. 1989: 117.
- frugalis* Wood 1974a: 49. Holotype ♀; Rincon de Osa, Puntarenas, Costa Rica; Wood Collection.

- Distribution: North America (Costa Rica/Panama).
Hosts: Liana.
References: **(hb)** Wood, S. L. 1982b: 954. **(ds)** Wood, S. L. 1982b: 954. **(tx)** Wood, S. L. 1974a: 49, 1982b: 954.
- furvescens** Wood 1974a: 53. Holotype ♀: Volcan Pacaya, Esquinla, Guatemala; Wood Collection.
Distribution: North America (Guatemala).
Hosts: *Roupala* sp., in phloem.
References: **(ds)** Wood, S. L. 1982b: 961. **(tx)** Wood, S. L. 1974a: 53, 1982b: 961.
- furrus** Wood 1974a: 53. Holotype ♀; Cerro Punta (Volcan Chiriqui), Chiriqui, Panama, 1800 m; Wood Collection.
Distribution: North America (Panama).
Hosts: *Roupala* sp. in phloem, in longitudinal, biramous parental tunnels.
References: **(hb)** Wood, S. L. 1982b: 961. **(ds)** Wood, S. L. 1982b: 961. **(tx)** Wood, S. L. 1974a: 53, 1982b: 961.
- genealis** Wood 1974a: 45. Holotype ♂; Volcan de Agua, Guatemala; Wood Collection.
Distribution: North America (Guatemala).
Hosts: Liana, in pith.
References: **(hb)** Burgos & Saucedo 1983: 112; Wood, S. L. 1982b: 939. **(ds)** Burgos & Saucedo 1983: 112; Wood, S. L. 1982b: 939. **(tx)** Wood, S. L. 1974a: 45, 1982b: 939.
- gracileus** Wood 1976a: 364. Holotype ♂; 6 km N Mazatlan, Sinaloa, Mexico; CNCI, Ottawa.
Distribution: North America (Sinaloa in Mexico).
Hosts: Twig in occupied oriole nest.
References: **(ds)** Wood, S. L. 1982b: 942. **(tx)** McNamara 1984: 752; Wood, S. L. 1976a: 364, 1982b: 942.
- gracilentus** (Schedl) 1972g: 61 (*Neodryocoetes*). Holotype, sex?; Brasilien, Pedra Azul, M. Gerais; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: **(tx)** Schedl 1972g: 61, 1979c: 107.
- gracilis** (Schedl) 1966f: 106 (*Neodryocoetes*). Holotype, sex?; Argentinien, Buenos Aires, Isla Maria Garcia; Schedl Collection in NHMW, Wien.
Distribution: South America (Argentina).
References: **(ds)** Schedl 1966f: 95, 106, 1979c: 108.
- grandis** (Schedl) 1954b: 35 (*Neodryocoetes*). Syn-types, sex?; Brasilien, Matto Grosso, Rio Caraguata; Schedl Collection in NHMW, Wien and Plaumann Collection.
Distribution: South America (Brazil).
Notes: (1) Schedl 1979c: 109 (citation of holotype invalid).
References: **(tx)** de Ruelle 1970: 104; Schedl 1954b: 35, 1959m: 550, 1963c: 161, 1979c: 109.
- graulipennis** (Schedl) 1967d: 12 (*Neodryocoetes*). Holotype ♂; Brasilien, Nova Tentonia, Santa Catarina; Schedl Collection in NHMW, Wien.
- Distribution: South America (Brazil).
References: **(ds)** Schedl 1976a: 52. **(tx)** McNamara 1977: 196; Schedl 1967d: 12, 1979c: 111.
- guadeloupanus** Wood 1989: 177. Holotype, sex?; Guadeloupe; Schedl Collection in NHMW, Wien, automatic.
Distribution: Antilles Islands (Guadeloupe).
References: **(tx)** Wood, S. L. 1989: 177.
- guadeloupensis** Schedl 1970e: 91 (*Brachydendrulus*). Holotype, sex?; Guadeloupe; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1951.
References: **(ds)** Bright 1985c: 176. **(tx)** Bright 1985c: 176; Schedl 1970e: 91, 1979c: 113–114; Wood, S. L. 1989: 117.
- hostilis** (Blackman) 1942a: 189 (*Neodryocoetes*). Holotype ♀; *Erythrina cristagalli* seeds from Paris intercepted at Washington, D.C.; USNM, Washington.
Distribution: South America?
Hosts: *Erythrina cristagalli*, in seeds.
References: **(ds)** Blackwelder 1947: 781. **(tx)** Blackman 1942a: 189.
- hymenaeae** (Eggers) 1933b: 9 (*Neodryocoetes*). Holotype ♂; Gourdonville, French Guiana; MNHN, Paris.
Figures: Blackman 1942a: fig. 14.
Distribution: Antilles Islands (Guadeloupe/ Dominican Republic in Hispanola/ Jamaica/ Santa Lucia/ St. Vincent/ Trinidad), North America (Panama), South America (Brazil/ Cayenne/ Colombia/ Guyana/ Suriname/ Venezuela).
Hosts: *Brounea* sp., *Cajanus cajan*, *Ceratonia* sp., *Cicer arctinum*, *Erythrina* sp., *Hymenaea courbaril*, in seeds.
References: **(cn)** Costa Lima 1956. **(hb)** Costa Lima 1956; Kalshoven 1963; Wood, S. L. 1982b: 936. **(ds)** Blackwelder 1947: 781; Bright 1981c: 152, 1982b: 163, 1985c: 176; Costa Lima 1956; Kalshoven 1961: 233, 1963; Numberg 1958a: 480, 1963c: 97; Schedl 1960a: 78, 1966f: 85, 1970e: 82, 1971f: 147, 1976a: 52; Wood, S. L. 1982b: 936. **(tx)** Blackman 1942a: 179; Bright 1985c: 176; Costa Lima 1956; Eggers 1933b: 9, 1936a: 388, 390, 1938a: 177, 1940a: 127–128; Numberg 1958a: 480; Schedl 1938a: 177, 1979c: 120; Wood, S. L. 1973c: 172, 1974b: 392, 1982b: 936, 1986a: 97.
- insularis** Eggers 1940a: 128 (*Neodryocoetes*). Holotype ♀; Guadeloupe; Fleutiaux Collection, MNHN, Paris. Synonymy: Wood 1973c: 172.
References: **(hb)** Kalshoven 1963; **(ds)** Blackwelder 1947: 781; Bright 1972d: 91; Kalshoven 1963: 235; Schedl 1973d: 155. **(tx)** Bright 1972d: 91; Eggers 1940a: 128; Schedl 1951m: 73, 1979c: 125; Wood, S. L. 1973c: 172.
- caribaicus** Blackman 1942a: 185 (*Neodryocoetes*). Holotype ♀; Trinidad, West Indies; USNM, Washington. Synonymy: Wood 1973c: 172.
References: **(cn)** Costa Lima 1956. **(hb)** Costa

- Lima 1956; Kalshoven 1963: 235. (**ds**) Blackwelder 1947: 751; Browne 1970: 541; Costa Lima 1956; Kalshoven 1963. (**tx**) Blackman 1942a: 155; Costa Lima 1956; Schedl 1964k: 221; Wood, S. L. 1973c: 172.
- guianae* Blackman 1942a: 156 (*Neodryococtes*). Holotype ♀; British Guiana; USNM, Washington. Synonymy: Wood 1973c: 172. References: (**cn**) Mumford 1960: 33. (**ds**) Blackwelder 1947: 751; Mumford 1960: 33. (**tx**) Blackman 1942a: 156; Schedl 1963f: 57; Wood, S. L. 1973c: 172.
- hoodi* Blackman 1942a: 157 (*Neodryococtes*). Holotype ♀; Taboga Island, Panama; USNM, Washington. Synonymy: Wood 1973c: 172. References: (**ds**) Blackwelder 1947: 751. (**tx**) Blackman 1942a: 157-158; Wood, S. L. 1973c: 172.
- humilis* Blackman 1942a: 158 (*Neodryococtes*). Holotype ♀; Bonito, Pernambuco, Brazil; USNM, Washington. Synonymy: Wood 1975b: 392. References: (**ds**) Blackwelder 1947: 751. (**tx**) Blackman 1942a: 158; Wood, S. L. 1975b: 392.
- imitatrix* (Schedl) 1972g: 62 (*Neodryococtes*). Holotype ♂?; Brasil, Jacareacanga, Para; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (**tx**) Schedl 1972g: 62, 1979c: 121.
- impenus* (Wood) 1961c: 6 (*Thamnoptithorus*). Holotype ♂; Bogota, Colombia; Wood Collection. Distribution: South America (Colombia). Hosts: *Podocarpus raspigulosii*, in fallen seeds. References: (**tx**) Wood, S. L. 1961c: 6.
- incommodus* (Blandford) 1904: 245 (*Pityophthorus*). Holotype ♀; Cerro Zamil, Guatemala, 1300 m; BMNH, London. Distribution: North America (Guatemala). Notes: (3) Bright 1976c: 426 (to *Araptus*). References: (**ds**) Blackwelder 1947: 752; Hagedorn 1910d: 71; Kleine 1913b: 140, 1914b: 363. (**tx**) Blandford 1904: 245; Bright 1976c: 426; Hagedorn 1910a: 101; Schedl 1955g: 18; Wood, S. L. 1952b: 941.
- incompositus* (Blandford) 1904: 243 (*Pityophthorus*). Holotype ♀; Coatepeque, Guatemala, 1300 feet; BMNH, London. Distribution: North America (Guatemala). Notes: (1) Bright 1976c: 426 (to *Araptus*). References: (**ds**) Blackwelder 1947: 752; Hagedorn 1910d: 71; Kleine 1913b: 140, 1914b: 363; Wood, S. L. 1952b: 954. (**tx**) Blandford 1904: 243; Bright 1976c: 426; Hagedorn 1910a: 101; Schedl 1955g: 18; Wood, S. L. 1952b: 954.
- laevigatus* (Eggers) 1933b: 6 (*Pityophthorus*). Holotype ♀; St. Laurent du Maroni, French Guiana; MNHN, Paris. Distribution: Antilles Islands (Guadeloupe), North America (Costa Rica/ Panama), South America (Brazil/ Cayenne/ Colombia/ Suriname). Hosts: *Brownea* sp., *Cynometra hemitomophylla*, *Daphnopsis scibertii*, *Entada gigas*, *Euterpe oleracea*, in seeds. Notes: (3) Wood 1973c: 173 (to *Araptus*). This species apparently reproduces by arrhenotocous parthenogenesis; flightless males are dwarfed. References: (**hb**) Wood, S. L. 1952b: 944. (**ds**) Blackwelder 1947: 751; Bright 1955c: 176; Schedl 1963f: 56; Wood, S. L. 1952b: 944. (**tx**) Bright 1955c: 176; Eggers 1933b: 6; Schedl 1935a: 150, 1963f: 56, 1979c: 135; Wood, S. L. 1973c: 173, 1952b: 944. *insularis* Eggers 1940a: 130 (*Neopityophthorus*). Holotype ♀; Trois Rivières, Guadeloupe; Eggers Collection, in NHMW, Wien, preoccupied by Eggers 1940a: 128. Synonymy: Wood 1973c: 173. References: (**tx**) Blackman 1942a: 195; Eggers 1936a: 390, 1940a: 130; Schedl 1935a: 150, 1951m: 73, 1979c: 125; Wood, S. L. 1973c: 173.
- guadeloupensis* Schedl 1951m: 73 (*Neodryococtes*). Holotype ♀; Trois Rivières, Guadeloupe; Eggers Collection, in NHMW, Wien, automatic. Synonymy: Wood 1973c: 173. References: (**tx**) Schedl 1951m: 73, 109; Wood, S. L. 1973c: 173.
- laevis* (Schedl) 1935a: 151 (*Neopityophthorus*). Syntypes, sex?, Guadeloupe; Eggers Collection (in USNM, Washington?) and 2 ♀ in Schedl Collection in NHMW, Wien. Distribution: Antilles Islands (Guadeloupe). Notes: (1) Schedl 1979c: 135 (citation of holotype invalid). References: (**ds**) Blackwelder 1947: 751; Bright 1955c: 176. (**tx**) Bright 1955c: 176; Eggers 1940a: 108; Schedl 1935a: 151, 1979c: 135.
- laudatus* Wood 1974a: 49. Holotype ♀; San Isidro del General, San Jose, Costa Rica; Wood Collection. Distribution: North America (Costa Rica). Hosts: Tree branch, in phloem. References: (**hb**) Wood, S. L. 1952b: 955. (**ds**) Atkinson & Equihua 1986a: 422; Wood, S. L. 1952b: 955. (**tx**) Wood, S. L. 1974a: 54, 1952b: 955.
- lepidus* Wood 1974a: 54. Holotype ♀; Volcan, Puntarenas, Costa Rica, 1000 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: Tree branch, in phloem. References: (**hb**) Wood, S. L. 1952b: 962. (**ds**) Wood, S. L. 1952b: 962. (**tx**) Wood, S. L. 1974a: 54, 1952b: 962.
- leptus* (Bright) 1972c: 1666 (*Neodryococtes*). Holotype ♀; Ejipantla, 8 km S San Andres Tuxtla, Veracruz, Mexico; CNCI, Ottawa. Distribution: North America (Veracruz in Mexico). References: (**cc**) Equihua & Atkinson 1986: 633. (**hb**) Equihua & Atkinson 1986: 633. (**ds**) Equihua & Atkinson 1986: 633; Wood, S. L.

- 1982b: 950. (tx) Bright 1972c: 1666; McNamara 1977: 196; Wood, S. L. 1982b: 950.
- limax (Schedl)** 1939j: 566 (*Sphenoceros*). Syntypes ♀; Brasilien, Sta. Catarina; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
Notes: (3) Schedl 1950i: 164 (cites *Hypertenus witteri* Hagedorn, nomen nudum, synonymy).
References: (ds) Blackwelder 1947: 754; Schedl 1966f: 91. (tx) Schedl 1939j: 566–567, 1950i: 164, 1979c: 139.
- linearis (Schedl)** 1935a: 174 (*Thammophthorus*). Holotype, sex?; Bolivien, Cochabamba; Eggers Collection, in NHMW, Wien.
Distribution: South America (Bolivia).
References: (ds) Blackwelder 1947: 751. (tx) Anderson, W. H. & Anderson 1971: 17; Schedl 1935a: 169, 174, 1961i: 226, 1979c: 139.
- macer (Bright)** 1972c: 1666 (*Neodryocoetes*). Holotype ♀; Ejipantla, 5 km S San Andres Tuxtla, Veracruz, Mexico; CNCI, Ottawa.
Figures: Bright 1972c: 1669.
Distribution: North America (Honduras/Veracruz in Mexico).
Hosts: Shrub, in phloem.
References: (ds) Wood, S. L. 1982b: 960. (tx) Bright 1972c: 1666, 1669; McNamara 1977: 197; Wood, S. L. 1973c: 173, 1982b: 960.
- tuberculatus** Bright 1972c: 1665 (*Neodryocoetes*). Holotype ♀; Lago Catemaco, Veracruz, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 173.
References: (tx) Bright 1972c: 1665, 1669; McNamara 1977: 197; Wood, S. L. 1973c: 173.
- medialis** Wood 1974a: 48. Holotype ♀; San Isidro del General, San Jose, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: Tree branch, in phloem.
References: (hb) Wood, S. L. 1982b: 953. (ds) Wood, S. L. 1982b: 953. (tx) Wood, S. L. 1974a: 48, 1982b: 953.
- mendicus** Wood 1974a: 54. Holotype ♀; Cartago, Cartago, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: *Persea americana*.
References: (ds) Wood, S. L. 1982b: 953. (tx) Wood, S. L. 1974a: 54, 1982b: 953.
- micaceus** Wood 1975b: 395. Holotype ♂; Los Corchos, Nayarit, Mexico; Wood Collection.
Distribution: North America (Nayarit in Mexico).
Hosts: Liana.
References: (ds) Wood, S. L. 1982b: 947. (tx) Wood, S. L. 1975b: 395, 1982b: 947.
- micropilosus** Wood 1982a: 224. Holotype ♀; Rancho Tepetates, Km 35 on Veracruz-Xalapa highway, Veracruz, Mexico; Wood Collection.
Distribution: North America (Veracruz in Mexico).
References: (tx) Wood, S. L. 1982a: 224.
- minutissimus (Schedl)** 1954b: 35 (*Brachylenchulus*). Syntypes, sex?; Brasilien, Panama, Rondon, 500 m; Schedl Collection in NHMW, Wien, and Plammann Collection.
Distribution: South America (Brazil).
Notes: (1) Schedl 1979c: 155 (citation of holotype invalid).
References: (ds) Schedl 1966f: 85. (tx) de Ruelle 1970: 95; Schedl 1954b: 35, 1979c: 155.
- montanus (Bright)** 1972d: 93 (*Neodryocoetes*). Holotype, sex?; Hardwar Gap, 4000', St. Andrew Parish, Jamaica; CNCI, Ottawa.
Figures: Bright 1972d: 59, 75.
Distribution: Antilles Islands (Jamaica).
References: (ds) Bright 1985c: 176. (tx) Bright 1972d: 59, 75, 93, 1985c: 176; McNamara 1977: 197.
- morigerus** Wood 1982a: 224. Holotype ♀; Cerro Punta (labeled Volcan Chiriqui), 5500 ft., Panama; Wood Collection.
Distribution: North America (Panama).
Hosts: Tree branch, in phloem.
References: (tx) Wood, S. L. 1982a: 224.
- mucunae (Blackman)** 1942a: 181 (*Neodryocoetes*). Holotype ♀; Perene River, Peru; USNM, Washington.
Distribution: South America (Peru).
Hosts: *Mucuna* sp., in seeds.
References: (ds) Blackwelder 1947: 751. (tx) Blackman 1942a: 181–182.
- nanulus** Wood 1974a: 54. Holotype ♀; Tampico, Tamaulipas, Mexico; Wood Collection.
Distribution: North America (Tamaulipas in Mexico).
Hosts: *Disholcopsis* gall on *Quercus virginiana*.
References: (ds) Wood, S. L. 1982b: 945. (tx) Wood, S. L. 1974a: 54, 1982b: 945.
- niger (Bright)** 1972d: 93 (*Neodryocoetes*). Holotype, sex?; Hardwar Gap, 4000', St. Andrew Parish, Jamaica; CNCI, Ottawa.
Figures: Bright 1972d: 75.
Distribution: Antilles Islands (Dominican Republic in Hispaniola/Jamaica).
References: (ds) Bright 1981c: 152, 1985c: 176. (tx) Bright 1972d: 75, 93, 1985c: 176; McNamara 1977: 197.
- nigrellus** Wood 1974a: 52. Holotype ♀; 10 km SE Cartago, Cartago, Costa Rica, 1500 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: *Myrica pubescens*, in phloem, in radiate parental tunnels.
References: (hb) Wood, S. L. 1982b: 960. (ds) Wood, S. L. 1982b: 960. (tx) McNamara 1984: 197; Wood, S. L. 1974a: 52, 1982b: 960.

nitidipennis (Schedl) 1963f: 57 (*Neodryococtes*).

Holotype, sex[?]: Suriname, Maripalievcl. Oe. v. Dam; Schedl Collection in NHMW, Wien.

Distribution: South America (Suriname).

References: (ds) Schedl 1963f: 57, 1973d: 155, 1979c: 169.

nitidulus (Schedl) 1967d: 11 (*Neodryococtes*).

Holotype, sex[?]: Brasiliens, Parana, Caioba, 10 m, 25 50, 4S 40; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (ds) Schedl 1970e: 52, (tx) McNamara 1977: 197; Schedl 1967d: 11, 1979c: 169.

norautonicus (Schedl) 1951m: 116 (*Gnathocranus*).

Syntypes ♀: Brasilien, Santa Catarina, Nova Teutonia; Schedl Collection in NHMW, Wien and Plaumann Collection.

Distribution: South America (Brazil).

Notes: (1) Schedl 1979c: 172 (citation of holotype invalid).

References: (ds) Schedl 1976a: 53, 1975c: 291; Schonherr & Pedrosa-Macedo 1981: 53, (tx) Schedl 1951h: 284, 1951m: 116, 1979c: 172.

nudus (Schedl) 1938a: 176 (*Thamnophtorus*).

Holotype, sex[?]: Brasilien, Sao Paulo; Eggers Collection, in NHMW, Wien.

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 781; Schedl 1973d: 155, (tx) Schedl 1938a: 176, 1964b: 207, 1979c: 173.

obesus Wood 1977b: 212. Holotype ♀[?]: 18 km NE

Oriximina, Brazil; CNCI, Ottawa.

Distribution: South America (Brazil).

References: (tx) Wood, S. L. 1977b: 212.

obscurus (Eggers) 1936a: 390 (*Neodryococtes*).

Holotype, sex[?]: Brasilien, Sta. Catharina, Blumenau; USNM, Washington [2 cotypes in Eggers Collection, in NHMW, Wien (Schedl 1979c: 175)].

Distribution: South America (Brazil/Paraguay).

References: (ds) Blackwelder 1947: 781; Schedl 1973a: 367, (tx) Anderson, W. H. & Anderson 1971: 24; Eggers 1936a: 390; Schedl 1938a: 177, 1962p: 206, 1979c: 175.

obsoletus (Blandford) 1904: 242 (*Pityophthorus*).

Holotype ♀: Las Mercedes, Guatemala; BMNH, London.

Distribution: North America (Guatemala/ Jalisco in Mexico).

Hosts: Liana, *Ficus* sp., in phloem.

Notes: (3) Bright 1977: 512 (to *Araptus*).

References: (hb) Wood, S. L. 1982b: 946, (ds) Blackwelder 1947: 781; Hagedorn 1910d: 73; Kleine 1913b: 140, 1914b: 363; Wood, S. L. 1982b: 946, (tx) Blackman 1928b: 148; Blandford 1904: 242; Bright 1977: 512; Hagedorn 1910a: 101; Schedl 1938a: 177, 1955g: 18; Wood, S. L. 1982b: 946.

oleanderi (Schedl) 1961b: 187 (*Neodryococtes*).

Holotype ♂: Türkei bei Gilindire; Schedl Collection in NHMW, Wien.

Distribution: Europe (Turkey, obviously introduced, probably from South America).

Hosts: *Nerium oleander*.

References: (tx) Schedl 1961b: 187, 1979c: 178.

pallidus (Blackman) 1942a: 193 (*Neodryococtes*).

Holotype ♀: Caymanas, Cuba; USNM, Washington.

Distribution: Antilles Islands (Cuba/ Dominican Republic in Hispanola/ Puerto Rico), South America (Brazil).

Hosts: *Callophyllum brasiliensis* var. *antellanum*.

References: (ds) Blackwelder 1947: 781; Bright 1981c: 152, 1985c: 176, (tx) Blackman 1942a: 193; Bright 1985c: 176; Wood, S. L. 1977b: 208.

portoricensis Schedl 1951m: 109 (*Neodryococtes*). Holotype, sex[?]: Portorico; Schedl Collection in NHMW, Wien. Synonymy: Wood 1977b: 208.

References: (ds) Bright 1985c: 174, (tx) Bright 1985c: 174; Schedl 1951m: 109, 1964m: 311, 1979c: 198; Wood, S. L. 1977b: 208.

decius Schedl 1972g: 61 (*Neodryococtes*).

Holotype, sex[?]: Cuba, Valle Ancon, Pinar del Rio Prov.; Schedl Collection in NHMW, Wien. Synonymy: Wood 1977b: 208.

References: (tx) Schedl 1972g: 61, 1979c: 79; Wood, S. L. 1977b: 208.

paranae (Schedl) 1954b: 34 (*Brachydendrulus*).

Syntypes ♂ ♀: Brasilien, Parana, Rondon, 500 m; Schedl Collection in NHMW, Wien, and Plaumann Collection.

Distribution: South America (Brazil).

Notes: (1) Schedl 1979c: 185 (citation of holotype invalid).

References: (tx) de Ruelle 1970: 98; Schedl 1954b: 34, 1979c: 185.

placetulus Wood 1982a: 225. Holotype ♀:

Uruapan, Michoacan, Mexico, 1600 m; Wood Collection.

Distribution: North America (Michoacan in Mexico).

Hosts: *Persca americana*.

References: (ds) Atkinson & Equihua 1985c: 358; Wood, S. L. 1982a: 225.

plaumanni (Schedl) 1976a: 70 (*Brachydendrulus*).

Holotype, sex[?]: Nova Teutonia, Brasilien; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (tx) Schedl 1976a: 70.

politus (Blandford) 1904: 244 (*Pityophthorus*).

Lectotype ♂: Mexico; BMNH, London, designated by Bright 1976b: 184.

Figures: Blackman 1942a: figs. 3-4.

Distribution: Antilles Islands (Cuba/ Haiti in Hispanola/ Jamaica), North America (Costa Rica/ Veracruz in Mexico/ Florida in USA).

- Hosts: *Cola* sp., *Mucuna andreaana*, *M. fauvecetti*, in seeds.
Notes: (1) Wood 1973c: 173 (to *Araptus*), 1982b: 940 (lectotype designation invalid).
References: (hb) Atkinson & Equihua 1986a: 422; Wood, S. L. 1982b: 940. (ds) Atkinson & Equihua 1986a: 422; Blackwelder 1947: 781; Bright 1985c: 176; Ferrer 1942; Hagedorn 1910d: 73; Kleine 1913b: 140, 1914b: 351; Schedl 1963c: 157; Wood, S. L. 1977a: 69, 1982b: 940. (tx) Blandford 1904: 244; Bright 1976b: 184, 1985c: 176; Hagedorn 1910a: 101; Schedl 1938a: 177, 1940a: 346, 348; Wood, S. L. 1973c: 173, 1982b: 940.
- mexicanus* Eggers 1936a: 391 (*Neodryocoetes*).
Holotype, sex?: Colonia [Veracruz?], Mexico; Eggers Collection, in NHMW, Wien. Synonymy: Schedl 1938a: 177.
References: (tx) Eggers 1936a: 391; Schedl 1938a: 177, 1940a: 346, 1979c: 152.
- hubbardi* Blackman 1942a: 182 (*Neodryocoetes*).
Holotype ♀: Kingston, Jamaica; USNM, Washington. Synonymy: Wood 1973c: 173.
References: (cn) Judd 1970; Mumford 1961: 28. (ds) Blackwelder 1947: 781; Bright 1972d: 94; Judd 1970; Mumford 1961: 28; Straby 1975: 8. (tx) Blackman 1942a: 182-183; Bright 1972d: 94; Wood, S. L. 1973c: 173.
- poricollis* (Blandford) 1904: 238 (*Pityophthorus*).
Holotype ♂: Cerro Zumil, Quezaltenango, Guatemala; BMNH, London.
Distribution: North America (Guatemala).
Notes: (1) Bright 1977: 512 (to *Araptus*).
References: (ds) Blackwelder 1947: 781; Hagedorn 1910d: 73; Kleine 1913b: 140, 1914b: 363; Wood, S. L. 1982b: 958. (tx) Blandford 1904: 238; Bright 1977: 512; Hagedorn 1910a: 101; Schedl 1938a: 180, 1955g: 18; Wood, S. L. 1982b: 958.
- pubescens* (Schedl) 1951h: 291 (*Neodryocoetes*).
Syntypes, sex?: Argentinien, Cordoba, Pmilla Dep., Valle Hermoso; Schedl Collection in NHMW, Wien, and Viana Collection.
Distribution: South America (Argentina).
Notes: (1) Schedl 1979: 203 (citation of holotype invalid).
References: (hb) Viana 1964: 125. (ds) Viana 1964: 125. (tx) Schedl 1951h: 291-292, 1979c: 203.
- punctatissimus* (Schedl) 1938a: 179 (*Neodryocoetes*).
Holotype ♂: Bolivien, Cochabamba; Eggers Collection, in NHMW, Wien.
Distribution: South America (Bolivia).
References: (ds) Blackwelder 1947: 781; Schedl 1966f: 86. (tx) Schedl 1938a: 179, 1939m: 169, 1951h: 284-285, 1958f: 35, 1979c: 204.
- refertus* Wood 1974a: 51. Holotype ♀; Volcan Zumil, Quezaltenango, Guatemala; Wood Collection.
Distribution: North America (Guatemala).
Hosts: Shrub phloem, in radiate parental tunnels.
References: (hb) Wood, S. L. 1982b: 957. (ds) Wood, S. L. 1982b: 957. (tx) Wood, S. L. 1974a: 51, 1982b: 957.
- robustus* (Schedl) 1964b: 207 (*Thammophthorus*).
Holotype, sex?: Belem, Para; Servico de Defesa Sanitaria Vegetal, Rio de Janeiro.
Distribution: South America (Brazil).
References: (tx) Schedl 1964b: 207, 1979c: 213.
- rufopalliatius* Eichhoff 1872a: 136. Holotype ♀; Nova Granada [now Colombia]; IRSNB, Brussels.
Distribution: South America (Colombia/Venezuela).
Hosts: *Nectandra* sp., in phloem, in transverse, biramous, parental tunnels.
References: (ds) Blackwelder 1947: 758; Gemminger & Harold 1872: 2687; Hagedorn 1910d: 77; Kleine 1913b: 145, 1914b: 342. (tx) Eichhoff 1872a: 136, 1878b: 305; Hagedorn 1910a: 111; Hopkins 1914: 117.
- schedli* (Blackman) 1942a: 195 (*Neodryocoetes*).
Holotype ♂: Tampico, Mexico; USNM, Washington.
Distribution: North America (Tamaulipas, Veracruz in Mexico).
Hosts: Seeds.
References: (ds) Blackwelder 1947: 781; Wood, S. L. 1982b: 946. (tx) Blackman 1942a: 195; Wood, S. L. 1975b: 392, 1982b: 946.
- lenis* Blackman 1942a: 198 (*Neodryocoetes*).
Holotype ♂: Cordoba, Veracruz, Mexico; USNM, Washington. Synonymy: Wood 1975b: 392.
References: (ds) Blackwelder 1947: 781. (tx) Blackman 1942a: 198; Wood, S. L. 1975b: 392.
- schwarzii* (Blackman) 1942a: 178 (*Thammophthorus*).
Holotype ♀; Boquete, Panama; USNM, Washington.
Distribution: North America (Costa Rica/Hidalgo, Quintana Roo in Mexico), South America (Ecuador).
Hosts: *Ammonia cherimola*, *Persca americana*, *P. pittieri*, in seeds.
References: (hb) Atkinson & Equihua 1985a: 88; Blackwelder 1947: 781; Wood, S. L. 1982b: 952. (ds) Atkinson & Equihua 1985a: 88, 1985c: 355, 1988: 85; Wood, S. L. 1982b: 952. (tx) Blackman 1942a: 178; Wood, S. L. 1982b: 952.
- sobrinus* Wood 1974d: 287. Holotype ♀; Siquatepec, Honduras; Wood Collection.
Distribution: North America (Honduras).
Hosts: *Pinus oocarpa* rust cones.
References: (ds) Wood, S. L. 1982b: 952. (tx) Wood, S. L. 1974d: 287, 1982b: 952.
- sparsepunctatus* (Schedl) 1938i: 26 (*Neodryocoetes*).
Syntypes, sex?: Argentinien, Prov. Buenos Aires, Tigre; 2 ♂, 7 ♀ in Schedl Collection in NHMW, Wien, and others in Viana Collection.
Distribution: South America (Argentina).
Hosts: *Acacia negra*.
Notes: (1) Schedl 1979c: 233 (citation of holotype invalid).

- References: **(hb)** Viana 1964: 125. **(ds)** Blackwelder 1947: 781; Viana 1964: 125. **(tx)** Schedl 1938i: 26, 1939m: 169, 1951h: 284, 1952a: 446, 1958f: 35, 1979c: 233.
- speciosus** Wood 1980b: 357. Holotype ♀; 5 km S La Huerta, Jalisco, Mexico, 500 m; Wood Collection. Distribution: North America (Jalisco in Mexico). Hosts: *Ficus* sp. twigs, in pith. Reference: **(hb)** Atkinson & Equihua 1985c: 359; Wood, S. L. 1982b: 943. **(ds)** Atkinson & Equihua 1985c: 355; Atkinson et al. 1986: 68; Wood, S. L. 1982b: 943. **(tx)** Wood, S. L. 1980b: 357, 1982b: 943.
- splendidulus** (Schedl) 1966f: 107 (*Neodryocoetes*). Holotype ♀?; Brasiliën, Corumba, Matto Grosso; Eggers Collection, in NHMW, Wien. Distribution: South America (Brazil). References: **(ds)** Schedl 1966f: 86. **(tx)** Schedl 1966f: 107, 1979c: 235.
- sulcatus** (Nunberg) 1964b: 435 (*Neodryocoetes*). Holotype, sex?; Argentina, Salta Prov., Urundel; NHMB, Budapest, preoccupied by Schedl 1959. Figures: Nunberg 1964b: 436. Distribution: South America (Argentina). Notes: (1) Although technically this is a secondary homonym, a new name was not given because of the high probability that synonymy exists. References: **(tx)** Nunberg 1964b: 435–436.
- tabogae** (Blackman) 1942a: 184 (*Neodryocoetes*). Holotype ♀; Taboga Island, Panama; USNM, Washington. Distribution: North America (Costa Rica/Honduras/Vera Cruz in Mexico/Panama). Hosts: Liana, in pith. References: **(cc)** Equihua & Atkinson 1986: 633. **(hb)** Equihua & Atkinson 1986: 633; Wood, S. L. 1982b: 940. **(ds)** Blackwelder 1947: 781; Equihua & Atkinson 1986: 633; Estrada & Atkinson 1988: 211; Wood, S. L. 1982b: 940. **(tx)** Blackman 1942a: 184; Wood, S. L. 1973c: 174, 1982b: 940.
- vincalis** Bright 1972c: 1667 (*Neodryocoetes*). Holotype ♀; Ejjiapanla, 8 km S San Andres Tuxtla, Veracruz, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 174. References: **(tx)** Bright 1972c: 1667; McNamara 1977: 197; Wood, S. L. 1973c: 174.
- tenellus** (Schedl) 1951m: 109 (*Neodryocoetes*). Holotype ♂; [Chiapas], Mexico; Schedl Collection in NHMW, Wien. Distribution: North America (Campeche, Chiapas, Navarit in Mexico). Hosts: Tree branch phloem. Notes: (1) Wood 1982b: 945 (to *Araptus*). References: **(hb)** Wood, S. L. 1982b: 945. **(ds)** Atkinson & Equihua 1986a: 422; Wood, S. L. 1982b: 945. **(tx)** Schedl 1951m: 109, 1979c: 251; Wood, S. L. 1975b: 392, 1982b: 945.
- mexicanus** Schedl 1963c: 162 (*Ctenyophthorus*). Holotype ♀; Mexico: Trampaluz, Escarcaga, Campeche; Schedl Collection in NHMW, Wien, preoccupied by Eggers 1936a: 391. Synonymy: Wood 1975b: 392. References: **(tx)** Schedl 1963c: 162, 1964m: 311, 1979c: 152; Wood, S. L. 1975b: 392.
- granulatus** Schedl 1964m: 311 (*Neodryocoetes*). Holotype ♀; Trampaluz, Escarcaga, Campeche, Mexico; Schedl Collection in NHMW, Wien, automatic. Synonymy: Wood 1975b: 392. Notes: (1) Wood 1975b: 392 (to *Araptus*). References: **(tx)** Schedl 1964m: 311; Wood, S. L. 1975b: 392.
- cuspidis** Wood 1974a: 46. Holotype ♀; 8 km E San Blas, Navarit, Mexico; Wood Collection. Synonymy: Wood 1975b: 392. References: **(tx)** Wood, S. L. 1974a: 46, 1975b: 392.
- tenuis** (Blackman) 1942a: 197 (*Neodryocoetes*). Holotype ♀; Tampico, Mexico; USNM, Washington. Distribution: North America (Honduras/Vera Cruz in Mexico). Hosts: Lianas, in pith. References: **(hb)** Wood, S. L. 1982b: 949. **(ds)** Blackwelder 1947: 781; Wood, S. L. 1982b: 949; **(tx)** Blackman 1942a: 197; Wood, S. L. 1982b: 949.
- placatus** Wood 1974a: 46. Holotype ♂; 5 km W Jaltipan, Veracruz, Mexico; Wood Collection. Synonymy: Wood 1982b: 949. References: **(tx)** Wood, S. L. 1974a: 46, 1982b: 949.
- teres** (Blackman) 1942a: 190 (*Neodryocoetes*). Holotype ♀; Paraiso, Canal Zone, Panama; USNM, Washington. Distribution: North America (Panama). References: **(ds)** Blackwelder 1947: 781; Wood, S. L. 1982b: 949. **(tx)** Blackman 1942a: 190; Wood, S. L. 1982b: 949.
- trepidus** Wood 1974a: 51. Holotype ♀; Volcan de Agua, Esquintla, Guatemala, 1000 m; Wood Collection. Distribution: North America (Guatemala). Hosts: *Menispermia* sp., in stem. References: **(hb)** Atkinson & Equihua 1985c: 358; Wood, S. L. 1982b: 958. **(ds)** Atkinson & Equihua 1985c: 358; Wood, S. L. 1982b: 958. **(tx)** Wood, S. L. 1974a: 51, 1982b: 958.
- umbraticus** (Schedl) 1966f: 108 (*Neodryocoetes*). Holotype ♂; Brasiliën, Nova Teutonia; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). Notes: (3) Schedl 1967d: 11 (described female). References: **(ds)** Schedl 1966f: 86, 1967d: 2. **(tx)** Schedl 1966f: 108, 1967d: 11, 1979c: 259.
- tesculus** Wood 1974a: 50. Holotype ♀; Guapiles, Limon, Costa Rica, 100 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: Liana, in phloem. References: **(hb)** Wood, S. L. 1982b: 957. **(ds)**

- Wood, S. L. 1982b: 957. (tx) Wood, S. L. 1974a: 50, 1982b: 957.
- vinulius** Wood 1974a: 53. Holotype ♀; San Ignacio de Acosta, San Jose, Costa Rica; Wood Collection. Distribution: North America (Costa Rica). Hosts: *Roupala complicata*, in phloem, in radiate parental tunnels. References: (hb) Wood, S. L. 1982b: 961. (ds) Wood, S. L. 1982b: 961. (tx) Wood, S. L. 1974a: 53, 1982b: 961.
- volastos** (Schedl) 1938a: 175 (*Thammophthorus*). Holotype, sex?; Bolivien, Cochabamba; USNM, Washington. Distribution: South America (Bolivia). References: (tx) Anderson, W. H. & Anderson 1971: 36; Blackman 1942a: 175; Schedl 1938a: 165, 169, 175, 1979c: 268; Wood, S. L. 1961c: 6.
- xylotrupes** (Eichhoff) 1872a: 135 (*Pityophthorus*). Syntypes, sex?; Bahia, Brazil; IRSNB, Brussels. Distribution: South America (Argentina/ Brazil). References: (cn) Costa Lima 1956. (hb) Costa Lima 1956. (ds) Blackwelder 1947: 781; Bruch 1914a; Costa Lima 1936, 1956; Gemminger & Harold 1872: 2689; Hagedorn 1910d: 75; Kleine 1913b: 141. (tx) Costa Lima 1956; Eggers 1936a: 390; Eichhoff 1872a: 135, 1875b: 194; Hagedorn 1910a: 101.
- Genus *Conophthorus* Hopkins
 CONOPHTHORUS HOPKINS 1915a: 430. Type-species: *Pityophthorus coniperda* Schwarz, original designation.
 Keys: Hopkins 1915a: 430, Wood 1982b: 982.
 Notes: (3) All species of *Conophthorus* breed in cones of *Pinus* spp. in North America; a few species may also breed in twigs when cones are unavailable.
 References: (ay) Nobuchi 1969a: 66. (cn) Shenefelt & Benjamin 1955: 68–69. (cc) McCain, Koehler, & Tjosvold 1987. (hb) Flores & Bright 1987: 181; Herdy 1959: 1–2; Herdy & Thomas 1961: 936; Lyons 1956: 600; Ruckes 1963: 43–50; Schwerdtfeger 1957: 494–508; Thomas & Herdy 1961: 406–408; Wood, S. L. 1986a: 97. (ds) Wood, S. L. 1986a: 97. (tx) Blackman 1925b: 6–16, 1942a: 178–179; Bright 1976d: 169–173; Bright & Stark 1973: 97; Chamberlin 1939: 332–337, 1955; Cibrian-Tovar et al. 1986: 38; Dodge 1938: 15; Hopkins 1915a: 430–433; Keen 1955: 47; Sawamoto 1942: 166; Schedl 1935h: 343, 1938a: 155, 163, 165, 167, 1955g: 4; Swaine 1915a: 46, 92; Thomas 1957: 4, 26; Wood, S. L. 1982b: 982–992, 1986a: 97. (ms) Austara 1979.
- apachecae** Hopkins 1915a: 432. Holotype ♂; Chiricahua Mountains, Arizona [USA]; USNM, Washington. Distribution: North America (Arizona in USA). Hosts: *Pinus engelmannii*. References: (cn) Cibrian-Tovar et al. 1986: 40; Doane et al. 1936; Keen 1938: 16, 1958a: 47–48, 159–164. (cc) Keen 1938: 16, 1958a: 47–48, 159–164. (hb) Chamberlin 1939: 335; Doane et al. 1936; Keen 1938: 16, 1958a: 48. (ds) Chamberlin 1939: 335; Cibrian-Tovar et al. 1986: 40; Furniss, R. L. & Carolin 1977: 377; Keen 1929: 30, 1938: 16, 1958a: 47–48, 159–164; Kleine 1934a: 162; Leng 1920: 340; Wood, S. L. 1982b: 989. (tx) Chamberlin 1939: 335; Hopkins 1915a: 432; Keen 1929: 30; Wood, S. L. 1952b: 989.
- conicolens** Wood 1977b: 212. Holotype ♀; 13 km W Texmelucan, Puebla, Mexico; Wood Collection. Figures: Atkinson et al. 1986: 33. Distribution: North America (Hidalgo, Mexico, Puebla in Mexico). Hosts: *Pinus leiophylla*. References: (cn) Cibrian-Tovar et al. 1986: 41. (hb) Atkinson et al. 1986: 35; Cibrian-Tovar et al. 1986: 41. (ds) Atkinson & Equihua 1955a: 90, 1955c: 359, 1988: 86; Atkinson et al. 1986: 35; Cibrian-Tovar et al. 1986: 41; Wood, S. L. 1977b: 212, 1982b: 988. (tx) Atkinson et al. 1986: 33; Muskus, A. 1984: 97; Wood, S. L. 1977b: 212, 1982b: 988.
- coniperda** (Schwarz) 1895a: 144 (*Pityophthorus*). Lectotype ♂; Marquette, Michigan [USA]; USNM, Washington, designated by Wood 1977c: 384. Distribution: North America (Nova Scotia, Ontario, Quebec in Canada/ Maine, Maryland, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, North Carolina, Pennsylvania, Virginia, West Virginia, Wisconsin in USA). Hosts: *Pinus strobus*, accidental or non-persistent in other *Pinus* spp. References: (ay) Godwin & Odell 1965: 213; Golden & Norris 1964b: 747; Hardy 1959; Henson 1961a, 1962; Thomas, J. B. 1967. (bv) Godwin & Odell 1965; Henson 1960a, 1961b, 1966b; Morgan, F. D. & Mailh 1976. (cn) Anonymous 1956f: 108, 1961h, 1961s, 1962h, 1963v, 1965b, 1965m, 1967f, 1977a: 44; Baker, W. L. 1972: 256; Barber et al. 1979; Beal et al. 1952; Bean 1966: 43; Blackman 1950; Borden 1967: 1187; Britton 1933: 393; Brown 1958: 47, 1959: 20–22; Brown 1968b: 155; Buchanan 1964, 1965: 35; DeBarr, Barber, & Maxwell 1982; Doane et al. 1936; Droot 1985: 365; Ebel et al. 1976: 24; Ehlers, Hoffard, & Jarrett 1975; Felt 1906: 751; Felt & Rankin 1932: 378, 449; Fogal 1979: 10; Gerhold et al. 1966; Godwin & Odell 1965; Graber 1964: 499–500; de Groot 1985; Hall, K. C., Biggs, & MacLeod 1975: 3; Hensen 1966a; Hitchings 1908: 4; Hoekstra, Merkel, & Powers 1961; Hofacker & Loomis 1952: 26, 1953: 25; Hofacker, Loomis, & Tucker 1954: 45, 1957; Hofacker et al. 1989; Johannsen 1910: 40; Kondo & Moody 1987: 50; Lentz 1929: 424–425; Lindquist, O. H., & Syme 1981: 31; Loomis, Hofacker, &

- Tucker 1986; Lyons 1956: 600; MacLeod & Lawrence 1972: 4; Magasi 1957: 63, 1958: 103; Marquis 1959: 31–41; Martineau 1955: 76; Merkel 1976: 364; Moody 1988: 69; Mook et al. 1959: 36; Morgan, F. D. & Mailh 1976; Odell & Goodwin 1964: 1–7; Pierson 1927: 109–110; Rogers, T. J. 1975c: 25; Santamour 1965: 1–8; Sternier & Davidson 1951: 32; Swaine 1915a: 92; Syme & Nystrom 1955: 33; Wilson, L. F. 1977: 51. **(cc)** Anonymous 1956f: 108, 1965: 9; Felt 1906: 751; Gerhold et al. 1966; Godwin & Odell 1965: 213; Henson 1960a, 1961b, 1962: 52–1, 1964: 77; Marsh 1966b: 541–549, 1979: 157; Matthews 1970; Muesebeck 1942: 94, 1950: 130; Odera 1971; Santamour 1965. **(hb)** Baker, W. L. 1972: 256; Blackman 1950; Bright 1976d: 170; Browne 1968b: 155; Chamberlin 1939: 335; Clittenden 1899a; Deyrup & Atkinson 1987a: 66; Doane et al. 1936; Drooz 1985: 365; Durfee 1958; Durfee et al. 1959: 32–33; Ebel et al. 1972: 24; Felt 1906: 751; Felt & Rankin 1932: 375, 449; Fogal 1979: 9; Godwin & Odell 1965: 213; Harrington 1902a: 116, 1902b; Henson 1960a, 1961b, 1962; Lyons 1956: 600; Martineau 1955: 76; Miller 1975: 698; Morgan, F. D. & Mailh 1976; Odell & Goodwin 1964; Pierson 1927: 109–110; Schwarz 1895a: 144; Swaine 1915a: 92; Thomas & Lindquist 1956: 2; Wilson, L. F. 1977: 51. **(ds)** Allison 1977, 1978; Anderson, R. L. & Barry 1980: 44; Anonymous 1926c: 515, 1963y, 1965b, 1967f, 1977v; Beaulne 1956; Blackman 1950; Blatchley & Leng 1916: 634; Bright 1976d: 170; Browne 1968b: 155; Chamberlin 1925: 1, 30, 1939: 335; Clittenden 1899a; Deyrup 1951b: 8; Deyrup & Atkinson 1987a: 66; Dodge 1938: 14, 41; Drooz 1985: 365; Felt & Rankin 1932: 375, 449; Godwin & Odell 1965: 213–219; Hagedorn 1910d: 70; Kleine 1913b: 140, 1934a: 162; Knull 1932: 66; Leonard 1928: 518; Lindquist, O. H. & Syme 1951: 31; Morgan, A. V. & Morgan 1979, 1980; Proctor 1946: 207; Swaine 1909: 134; Syme & Nystrom 1955: 33; Thomas, J. B. 1957: 4; Wood, S. L. 1982b: 957. **(tx)** Benoit 1985: 76; Blackman 1928b: 148; Blatchley & Leng 1916: 634; Chamberlin 1939: 335; Dodge 1938: 14, 41; Ebel et al. 1976: 24; Godwin & Odell 1965; Hagedorn 1910a: 100; Hopkins 1915a: 430–432; Lindquist, O. H. & Syme 1951: 31; Schedl 1935a: 158, 164; Schwarz 1895a: 144; Swaine 1909: 134, 1918a: 92–93; Syme & Nystrom 1955: 33; Thomas, J. B. 1957: 4, 17–26, 1967; Titus, Meikle, & Harrison 1985: 49; Wood, S. L. 1977c: 354, 1982b: 957. **(ms)** Eckstein 1900c; Hoekstra, Merkel, & Powers 1961; Marquis 1961: 23.
- taeda* Hopkins 1915a: 431. Holotype, sex?, Ft. Monroe, Virginia [USA]; USNM, Washington. Synonymy: Wood 1977c: 355.
References: **(cn)** Beal et al. 1952; Blackman 1950; Doane et al. 1936. **(hb)** Baker, W. L. 1972: 258; Blackman 1950; Doane et al. 1936. **(ds)** Baker, W. L. 1972: 258; Blackman 1950; Kleine 1934a: 163; Leng 1920: 340. **(tx)** Chamberlin 1939: 333–334; Hopkins 1915a: 431; Wood, S. L. 1977c: 354.
- chinicus* Hopkins 1915a: 432. Holotype ♀; "13, 122. *Tomiscus chinicus* Fitch det. No. 12 Hopk., Collection Fitch" [USA]; USNM, Washington. Synonymy: Wood 1977c: 354.
References: **(hb)** Chamberlin 1939: 335. **(ds)** Chamberlin 1939: 335; Leng 1920: 340. **(tx)** Chamberlin 1939: 335; Hopkins 1915a: 432; Wood, S. L. 1977c: 354.
- echinata* Wood 1978b: 398. Holotype ♀; Winona, Missouri [USA]; Wood Collection.
Distribution: North America (Missouri in USA).
Hosts: *Pinus echinata*.
References: **(cn)** Yates, H. O. 1981. **(ds)** Wood, S. L. 1982b: 986. **(tx)** Wood, S. L. 1978b: 398, 1982b: 986.
- edulis* Hopkins 1915a: 430. Holotype ♀; Las Vegas Hot Springs, New Mexico [USA]; USNM, Washington.
Distribution: North America (Chihuahua in Mexico/ Arizona, Colorado, New Mexico, W Texas, Utah in USA).
Hosts: *Pinus cembroides*, *P. discolor*, *P. edulis*.
References: **(cn)** Doane et al. 1936; Keen 1938: 16, 1958a: 48; Lyons 1956: 600; Ostmark & Wilford 1956: 12–13. **(cc)** Burks 1979: 751; Bushing 1965: 458; Forcella 1980; Keen 1938: 16, 1958a: 48; Muesebeck 1942: 94, 1950: 130. **(hb)** Chamberlin 1939: 334; Doane et al. 1936; Forcella 1980; Keen 1938: 16, 1958a: 48; Little 1943: 249; Lyons 1956: 600. **(ds)** Chamberlin 1925, 1939: 334; Furniss, R. L. & Carolin 1977: 377; Keen 1929: 30, 1938: 16, 1958: 48; Kleine 1934a: 162; Leng 1920: 340; Wood, S. L. 1982b: 985. **(tx)** Chamberlin 1939: 334; Hopkins 1915a: 430; Keen 1929: 30; Wood, S. L. 1982b: 985, 1989: 171.
- cembroides* Wood 1972d: 74. Holotype ♂; Miller Canyon, Huachuca Mts., Arizona [USA]; Wood Collection. Synonymy: Wood 1989: 171.
References: **(cn)** Cibrian-Tovar et al. 1986: 40. **(hb)** Cibrian-Tovar et al. 1986: 40. **(ds)** Atkinson & Equilma 1985c: 359; Cibrian-Tovar et al. 1986: 40; Furniss, R. L. & Carolin 1977: 377; Wood, S. L. 1982b: 985. **(tx)** Wood, S. L. 1972d: 74, 1982b: 985, 1989: 171.
- mexicanus* Wood 1962: 79. Holotype ♂; Necaya, Puebla, Mexico; Wood Collection.
Distribution: North America (Puebla in Mexico).
Hosts: *Pinus* sp.
References: **(cn)** Cibrian-Tovar et al. 1986: 42. **(hb)** Cibrian-Tovar et al. 1986: 42. **(ds)** Atkinson & Equilma 1985: 86; Cibrian-Tovar et al. 1986: 42; Wood, S. L. 1982b: 988. **(tx)** Wood, S. L. 1962: 79, 1982b: 988.
- michoacanae* Wood 1980b: 354. Holotype ♂; Urnapan, Michoacan, Mexico; Wood Collection.

Distribution: North America (Michoacan in Mexico).

Hosts: *Pinus michoacana*.

References: (cn) Cibrian-Tovar et al. 1986: 43. (hb) Cibrian-Tovar et al. 1986: 43. (ds) Cibrian-Tovar et al. 1986: 43; Wood, S. L. 1982b: 989. (tx) Wood, S. L. 1980b: 354, 1982b: 989.

monophyllae Hopkins 1915a: 433. Holotype ♀; Ventura County, California [USA]; USNM, Washington.

Distribution: North America (California, SW Idaho, Nevada, Utah in USA).

Hosts: *Pinus monophylla*.

References: (ay) Thomas, J. B. 1967. (cn) Cibrian-Tovar et al. 1986: 44; Keen 1938: 16, 1958a: 48. (cc) Bushing 1965: 458; Keen 1938: 16, 1958a: 48; Poinar 1975: 151; Poinar & Caylor 1974; Richerson, J. V. & Borden 1972a. (hb) Bright & Stark 1973: 98; Chamberlin 1939: 336; Cibrian-Tovar et al. 1986: 44; Keen 1938: 16, 1958a: 48; Ruckes 1963: 47; Wood, S. L. 1982b: 984. (ds) Bright & Stark 1973: 98; Chamberlin 1939: 336; Cibrian-Tovar et al. 1986: 44; Furniss, M. M. & Johnson 1987: 376; Furniss, R. L. & Carolin 1977: 377; Keen 1929: 30, 1938: 16, 1958a: 48, 159–164; Kleine 1934a: 162; Leng 1920: 340; Ruckes 1963: 47; Wood, S. L. 1982b: 984. (tx) Chamberlin 1939: 336; Hopkins 1915a: 433; Keen 1929: 30; Thomas, J. B. 1967; Wood, S. L. 1982b: 984.

ponderosae Hopkins 1915a: 431. Holotype ♀; Ashland, Oregon [USA]; USNM, Washington.

Figures: Evans 1982: S. 20. Furniss & Carolin 1977: 376. Kinzer, Ridgill, & Watts 1972: 12.

Distribution: North America (British Columbia in Canada/ Durango, Mexico, Michoacan in Mexico/ Arizona, California, Idaho, Montana, Nebraska, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming in USA).

Hosts: *Pinus aristata*, *P. contorta* (rare, mostly in twigs), *P. douglasiana*, *P. durangensis*, *P. flexilis*, *P. jeffreyi*, *P. lambertiana*, *P. leiophylla*, *P. montezumae*, *P. monticola*, *P. ponderosa*, *P. strobiformis*, *P. washoensis*.

Notes: (3) Recent studies (not seen) of epicuticular hydrocarbons suggest that *lambertiana* may be distinct from *ponderosae* (SLW).

References: (ay) Kinzer & Ridgill 1972; Thomas, J. B. 1967. (bv) Kinzer & Reeves 1976; Kinzer, Ridgill, & Reeves 1972; Kinzer, Ridgill, & Watts 1970. (cn) Anonymous 1961h, 1965b, 1966i, 1979g, 1980m: 33; Arno & Hoff 1989; Beatty 1980: 8; Blake, Wagner, & Koerber 1986, 1989; Bodenham & Stevens 1981; Chamberlin 1924; Cibrian-Tovar et al. 1986: 44; Dale & Schenk 1978, 1979; Doane et al. 1936; Essig 1926: 519, 1958: 519; Hagle et al. 1987: 95; Hatch 1938: 194; Havery & Dell 1984; Hopkins 1899b: 8; Jenkins 1984b; Keen 1929: 54, 1938: 16, 1958a: 48; Kinzer, Ridgill, & Watts 1972: 795–798; Koerber

1965: 229; Lyons 1956: 600; Miller 1914: 4, 1915: 1; Ragenovich 1979; Rogers, T. J. 1981; Schmid, Mitchell, & Mata 1986; Schmidt et al. 1984; Shea, P. J. 1984; Shea, P. J., Jenkins, & Havery 1984; Stevens, Brewer, & Leatherman 1980: 27, 1982: 27; Swaine 1918a: 92. (cc) Bushing 1965: 458; Jenkins 1983, 1984b; Keen 1938: 16, 1958a: 48, 159–164; Kinzer, Ridgill, & Watts 1972: 795–798; Marsh 1979: 270; Muesbeck 1942: 94, 1950: 130, 1957: 54; Ruckes 1956: 184–185; Shea, P. J., Jenkins, & Havery 1984. (hb) Atkinson et al. 1986: 36; Bright & Stark 1973: 98; Chamberlin 1939: 334, 1958: 141–142; Cibrian-Tovar et al. 1986: 44; Dale & Schenk 1979; Doane et al. 1936; Essig 1926: 519, 1958: 519; Hopkins 1899b: 8; Jenkins 1983, 1984a, 1984b; Keen 1929: 54, 1938: 16, 1958a: 48; Kinzer & Reeves 1976; Kinzer, Ridgill, & Watts 1970, 1972; Lyons 1956: 600; Miller 1915: 1; Ruckes 1963: 47; Shea, P. J., Jenkins, & Havery 1984; Stevens, Brewer, & Leatherman 1980: 27, 1982: 27; Swaine 1918a: 92; Wood, S. L. 1982b: 990. (ds) Anonymous 1965b, 1966f, 1979g, 1980m: 33; Atkinson & Equihua 1985a: 90; Atkinson et al. 1986: 36; Bright 1976d: 172; Bright & Stark 1973: 98; Chamberlin 1917, 1925, 1939: 334, 1958: 141–142; Cibrian-Tovar et al. 1986: 44; Essig 1926: 519, 1958: 519; Furniss, R. L. & Carolin 1977: 377; Gast et al. 1989: 385; Hopping 1922; Keen 1929: 50, 54, 1938: 16, 1958a: 48; Kinzer & Reeves 1976; Kleine 1934a: 162; Leng 1920: 340; Ruckes 1963: 47; Schedl 1963c: 157; Thomas, J. B. 1966; Wood, S. L. 1982b: 990. (tx) Benoit 1986: 26; Bodenham & Stevens 1981; Chamberlin 1939: 334, 1958: 141–142; Hopkins 1915a: 431; Keen 1929: 30; Kinzer, Ridgill, & Watts 1972: 12; Swaine 1918a: 92; Thomas, J. B. 1967; Wood, S. L. 1962: 79, 1977c: 385, 1982b: 990. (ms) Hatch 1938: 194.

scopulorum Hopkins 1915a: 431. Holotype ♀; Flagstaff, Arizona [USA]; USNM, Washington. Synonymy: Wood 1977c: 385.

References: (cn) Anonymous 1967f; Doane et al. 1936; Keen 1938: 16, 1958a: 48; Lucht 1966: 30; Pearson 1950: 155; Swaine 1918a: 92. (cc) Keen 1938: 16, 1958a: 48, 159–164. (hb) Chamberlin 1939: 335; Doane et al. 1936; Keen 1938: 16, 1958a: 48; Swaine 1918a: 92. (ds) Anonymous 1967f; Chamberlin 1939: 335; Furniss, R. L. & Carolin 1977: 377; Keen 1929: 30, 1938: 16, 1958a: 48; Kleine 1934a: 163; Leng 1920: 340. (tx) Chamberlin 1939: 335; Hopkins 1915a: 431; Keen 1929: 30; Swaine 1918a: 92; Wood, S. L. 1977c: 385.

contortae Hopkins 1915a: 432. Holotype ♀; Newport, Oregon [USA]; USNM, Washington. Synonymy: Wood 1977c: 385.

References: (cn) Clapp 1942: 31; Doane et al. 1936; Keen 1938: 16, 1958a: 48; Lindgren 1980a: 93; Swaine 1918a: 92. (cc) Keen 1938:

16, 1955a: 48. **(hb)** Bright 1976d: 171; Bright & Stark 1973: 100; Chamberlin 1939: 336, 1955: 141–142; Doane et al. 1936: Keen 1935: 16, 1955a: 48; Lindgren 1980a: 93; Ruckes 1959: 94, 1963; Swaine 1912a: 92. **(ds)** Bright 1976d: 171; Bright & Stark 1973: 100; Chamberlin 1939: 336, 1958: 141–142; Furniss, R. L. & Carolin 1977: 377; Keen 1929: 30, 1935: 16, 1955a: 48; Kleine 1934a: 162; Leng 1920: 340; Ruckes 1963. **(tx)** Chamberlin 1939: 336, 1958: 141–142; Hopkins 1915a: 432; Keen 1955: 47–48; Swaine 1918a: 92; Wood, S. L. 1977c: 385.

monticolae Hopkins 1915a: 432. Holotype ♀; Priest River, Idaho [USA]; USNM, Washington. Synonymy: Wood 1977c: 385.

References: **(cn)** Andrews 1968: 154; Barnes, Brigham, & Schenk 1962: 1–7; Browne 1968b: 185; Dewey & Clinton 1980; Doane et al. 1936; Evans, D. 1982: 8; Graham 1963; Hatch 1938: 194; Haverty & Wood 1981; Hedlin 1974: 34; Keen 1935: 16, 1955a: 48; Morris, E. V. & Mounts 1973a: 15; Robinson, L. A. & Dooling 1978: 11; Ruppel 1967: 27; Schenk & Goyer 1967: 186–187; Silver & Ross 1957: 55; Swaine 1918a: 93. **(cc)** Keen 1938: 16, 1955a: 48; Schenk & Goyer 1967: 186–187; Williamson, D. L., Schenk, & Barr 1966. **(hb)** Barnes, Brigham, & Schenk 1962: 1–7; Bright 1976d: 172; Bright & Stark 1973: 100; Browne 1968b: 185; Chamberlin 1939: 337, 1958: 141–142; Doane et al. 1936; Evans, D. 1982: 8; Graham 1963; Hedlin 1982: 34; Keen 1935: 16, 1955a: 48, 159–164; Ruckes 1959: 94, 1963: 49; Swaine 1918a: 93; Williamson, D. L., Schenk, & Barr 1966. **(ds)** Bright & Stark 1973: 100; Browne 1968b: 185; Chamberlin 1925, 1939: 336, 1958: 141–142; Evans, D. 1983: 31; Furniss, R. L. & Carolin 1977: 377; Hopping 1922; Keen 1929: 30, 1935: 16, 1955a: 48, 159–164; Kleine 1934a: 162; Leng 1920: 340; Patterson & Hatch 1945: 152; Ross 1958: 30; Ruckes 1963: 49; Ruppel 1967: 27. **(tx)** Bright 1976d: 172; Chamberlin 1939: 336, 1958: 141–142; Evans, D. 1982: 8, 20, 1983: 31; Hopkins 1915a: 432; Keen 1929: 30; Schedl 1938a: 161; Swaine 1918a: 92–93; Wood, S. L. 1977c: 385.

flexilis Hopkins 1915a: 433. Holotype ♀; Mount Manitou, Colorado [USA]; USNM, Washington. Synonymy: Wood 1977c: 385.

References: **(ay)** Thomas, J. B. 1967. **(bv)** Kinzer & Reeves 1976. **(cn)** Johnson, D. W. & Minnemeyer 1976; Keen 1935: 16, 1955a: 48. **(cc)** Burks 1979: 781; Bushing 1965: 458; Keen 1935: 16, 1955a: 48. **(hb)** Bright & Stark 1973: 100; Chamberlin 1939: 337, 1958: 142; Keen 1938: 16, 1955a: 48. **(ds)** Atkinson & Equihua 1988: 86; Bright 1964: 170, 1976d: 171; Bright & Stark 1973: 100; Chamberlin 1939: 337, 1958: 142; Furniss, R. L. & Carolin

1977: 377; Keen 1929: 30, 1935: 16, 1955a: 48; Kinzer & Reeves 1976; Kleine 1934a: 162; Leng 1920: 340; McComb et al. 1953: 1; Wood, S. L. 1948: 46, 1951a: 128. **(tx)** Chamberlin 1939: 337, 1958: 142; Hopkins 1915a: 433; Keen 1929: 30; Thomas, J. B. 1967; Wood, S. L. 1951a: 128, 1977c: 385.

lambertiana Hopkins 1915a: 433. Holotype ♀; Hilt, California [USA]; USNM, Washington. Synonymy: Wood 1977c: 385.

References: **(ay)** Thomas, J. B. 1967. **(cn)** Anonymous 1955j: 3, 1955a: 10; Chamberlin 1924; Doane et al. 1936; Essig 1926: 519, 1958: 519; Fowells & Schubert 1956: 27; Hall 1955; Keen 1929: 54, 1955a: 48–55; Lyons 1956: 600; Struble 1947b: 48–50. **(cc)** Anonymous 1960i, 1960j: 12, 1961h, 1961i, 1961s, 1962i, 1963y, 1965b, 1966i, 1979g, 1980a, 1980m: 33; Bedard, W. L. Jr. 1968b; Hoekstra, Plerkel, & Powers 1961; Keen 1955a: 48; Muesebeck 1942: 94, 1950: 130; Ruckes 1956: 184–185; Thatcher, T. O. 1961. **(hb)** Bedard 1966b: 152–157, 1968a: 7–17, 1968b: 1–6; Bright & Stark 1973: 99; Chamberlin 1939: 337, 1958: 142; Doane et al. 1936; Essig 1926: 519, 1958: 519; Keen 1929: 54–55, 1955a: 48; Lyons 1956: 600; Miller 1915: 1–12; Ruckes 1957: 367, 1958: 214, 1963: 48; Struble 1947b: 48; Thatcher, T. O. 1961. **(ds)** Anonymous 1955a: 10, 1962i, 1963y, 1965b, 1979g, 1980a, 1980m: 33; Atkinson & Equihua 1988: 86; Bedard 1966b, 1968b; Bright & Stark 1973: 99; Chamberlin 1925, 1939: 337, 1958: 142; Essig 1926: 519, 1958: 519; Furniss, R. L. & Carolin 1977: 377; Hall & Eaton 1960: 8; Hopping 1922; Keen 1929: 30, 54, 1955a: 48; Kleine 1934a: 162; Leng 1920: 340; Ruckes 1963; Thatcher, T. O. 1961. **(tx)** Anonymous 1960j: 12; Blackman 1925b; Chamberlin 1939: 337, 1958: 142; Furniss, R. L. & Carolin 1977: 376; Hopkins 1915a: 433; Keen 1929: 30; Thomas, J. B. 1967; Wood, S. L. 1977c: 385. **(ms)** Hoekstra, Merkel, & Powers 1961.

radiatae Hopkins 1915a: 432. Holotype ♀; Pacific Grove, California [USA]; USNM, Washington.

Figures: Schaefer 1962: 570.

Distribution: North America (California in USA). Hosts: *Pinus radiata*.

References: **(ay)** Schaefer, C. H. 1962, 1964; Thomas, J. B. 1967. **(bv)** Schaefer, C. H. 1962. **(cn)** Keen 1929: 55, 1935: 16, 1955a: 48. **(cc)** Bushing 1965: 458; Keen 1938: 16; Muesebeck 1942: 94, 1950: 130; Odera 1971; Rulim 1964; Schaefer, C. H. 1962, 1963, 1964. **(hb)** Bright & Stark 1973: 101; Chamberlin 1939: 336; Godwin & Odell 1965: 213–219; Keen 1929: 55, 1938: 16, 1955a: 48; Ruckes 1955: 214, 1963: 49; Schaefer, C. H. 1962, 1964; Wood, S. L. 1982b: 986. **(ds)** Atkinson & Equihua 1988: 86; Bedard 1966b:

- 156; Berryman & Stark 1962a; Bright & Stark 1973: 101; Chamberlin 1925, 1939: 336; Furniss, R. L. & Carolin 1977: 377; Hopping 1922; Keen 1929: 30, 55, 1938: 16, 1958a: 48, 159–164; Kleine 1934a: 163; Leng 1920: 340; McPherson, Wilson, & Stehr 1970a: 1008; Ruckes 1963: 49; Schaefer, C. H. 1962: 569, 1963: 79, 1964: 195; Schedl 1963c: 157; Wood, S. L. 1982b: 986. **(tx)** Chamberlin 1939: 336; Hopkins 1915a: 432; Keen 1929: 30; Schaefer 1962: 570; Thomas, J. B. 1967; Wood, S. L. 1982b: 986.
- resinosae** Hopkins 1915a: 431. Holotype ♂; not given, collected by Harrington [USA]; USNM, Washington.
 Figures: Bright 1976d: 204, 213 (adults), MacLeod, Hook, & Livesay 1975: 2.
 Distribution: North America (Nova Scotia, Ontario, Quebec in Canada/ Michigan, Minnesota, New Hampshire, New Jersey, New York, West Virginia, Wisconsin in USA).
 Hosts: *Pinus resinosa*, uncommon in *P. banksiana* twigs, rare and non-persistent in other *Pinus* spp.
 References: **(ay)** Herdy 1959; McPherson, J. E., Wilson, & Stehr 1970a; Thomas, J. B. 1957: 4, 1967, 1971b. **(bv)** Mattson, Tabashnik, & Miller 1984; McPherson, J. E. 1969b; McPherson, J. E., Wilson, & Stehr 1970b; Tabashnik, Mattson, & Miller 1985. **(cn)** Anonymous 1956f: 108, 1958a: 9, 1964b; Applejohn & Howse 1982b; Baker, W. L. 1972: 257; Berryman 1987; Blackman 1950; Bowser & Weir 1975: 12; Browne 1968b: 185; Doane et al. 1936; Drooz 1985: 365; Fogal 1979: 9; Forbes, Underwood, & Van Sickle 1969: 25; Foster & Applejohn 1975: 7; Hall, K. C., Biggs, & MacLeod 1975: 3; Hall, K. C., Livesay, & Houser 1972; Hard 1964; Howse et al. 1982: 47; Kondo & Moody 1987: 97; Kondo & Taylor 1985: 55; Lindquist, O. H. & Syme 1981: 31; Lyons 1951: 1, 1956: 600, 1957a: 70–79, 1957b: 150, 1957c: 265; MacLeod & Lawrence 1972: 4; Mattson 1968, 1971, 1972a, 1972b, 1978, 1980; Miller, W. E. 1978, 1979; Moody 1988: 66; Prebble 1954: 221; Rauf, Benjamin, & Cecich 1985; Sippell, MacDonall, & Rose 1960: 59; Sterner & Davidson 1981, 1983; Swaine 1918a: 92–93; Syme & Nystrom 1988: 33; Vandenburg 1966: 33; Weir, H. J. et al. 1984a: 105; Weir & Lawrence 1975: 10; Wilson, L. F. 1977: 81. **(ce)** Anonymous 1956f: 108; Berryman 1987; Mattson 1968: 1–2, 1972b, 1980, 1986; Miller, W. E. 1978; Muesbeck 1942: 94; Thomas & Lindquist 1956: 2. **(hb)** Baker, W. L. 1972: 257; Blackman 1950; Bright 1976d: 173; Browne 1968b: 185; Doane et al. 1936; Drooz 1985: 365; Fogal 1979: 9; Godwin & Odell 1965: 213–219; Hard 1964; Lyons 1951: 1, 1956: 599–600, 1957a: 150, 1957b: 264–265; Mattson 1980; Mattson, Tabashnik, & Miller 1984; McPherson, J. E. 1969b: 241–242; McPherson, J. E., Wilson, & Stehr 1970a: 1008–1022; Miller, W. E. 1978; Ruckes 1955: 215; Swaine 1918a: 92, 93; Wilson, L. F. 1977: 81; Wood, S. L. 1982b: 988. **(ds)** Anonymous 1926c: 518, 1958a: 9; Beaulne 1956; Blackman 1950; Bright 1976d: 173; Browne 1968b: 185; Deyrup 1981b: 5; Dodge 1938: 14, 41; Drooz 1985: 365; Kleine 1934a: 163; Leng 1920: 340; Leonard 1925: 515; Lindquist, O. H. & Syme 1981: 31; McPherson, J. E., Wilson, & Stehr 1970a; Miller, W. E. 1978; Syme & Nystrom 1988: 33; Wood, S. L. 1982b: 988. **(tx)** Benoit 1985: 76; Bright 1976d: 204, 213; Chamberlin 1939: 334; Dodge 1938: 14, 41; Hopkins 1915a: 431; Lindquist, O. H. & Syme 1981: 31; McPherson, J. E. 1969b; Swaine 1918a: 92–93; Syme & Nystrom 1988: 33; Thomas, J. B. 1957: 4, 22, 1967, 1971b; Titus, Meikle, & Harrison 1985: 49; Wood, S. L. 1977c: 385, 1982b: 988, 1989: 171. **(ms)** Mattson, Tabashnik, & Miller 1984.
- virginianae* Hopkins 1915a: 431. Holotype ♂; Huttonsville, West Virginia [USA]; USNM, Washington. Synonymy: Wood 1977c: 385.
 References: **(cn)** Beal et al. 1952; Blackman 1950; Doane et al. 1936. **(hb)** Baker, W. L. 1972: 258; Blackman 1950; Chamberlin 1939: 334; Doane et al. 1936. **(ds)** Blackman 1950; Chamberlin 1939: 334; Kleine 1934a: 163; Leng 1920: 340. **(tx)** Chamberlin 1939: 334; Hopkins 1915a: 431; Wood, S. L. 1977c: 385.
- banksianae* McPherson 1970: 1020. Holotype ♂; Fife Lake, Michigan [USA]; Michigan State University Collection, East Lansing. Synonymy: Wood 1989: 171.
 References: **(ay)** McPherson, Wilson, & Stehr 1970a. **(bv)** Anonymous 1979a; Hall, D. J. 1973b; McPherson, J. E. 1969b. **(cn)** Anonymous 1979a, 1989; Drooz 1985: 366; Howse, Gross, & Rose 1981: 61; Howse et al. 1981: 43, 1982: 42, 1983; Kondo & Moody 1987: 91; Kondo & Taylor 1985: 50; Lindquist, O. H. & Syme 1981; MacLeod, Hook, & Livesay 1975; Sippell, Rose, & Gross 1975: 65; Sterner & Davidson 1981, 1983; Syme & Nystrom 1985: 33; Thompson, M. J. & Houser 1975: 2. **(ce)** Hall, D. J. 1975; Hall, D. J. & Wilson 1975. **(hb)** Anonymous 1979a; Bright 1976d: 170; Drooz 1985: 366; Hall, D. J. 1973b; Hall, D. J. & Wilson 1974, 1975; McPherson 1969b; McPherson, Wilson, & Stehr 1970a; Wilson, L. F. 1977: 72; Wood, S. L. 1982b: 987. **(ds)** Bright 1976d: 170; Drooz 1985: 366; Lindquist, O. H. & Syme 1981; McPherson, Wilson, & Stehr 1970a; Syme & Nystrom 1988: 33; Wood, S. L. 1982b: 987. **(tx)** Benoit 1985: 76; Lindquist, O. H. & Syme 1981; MacLeod, Hook, & Livesay 1975: 2; McNamara 1977: 195; McPherson 1969b: 241, 1970: 1020; Syme & Nystrom 1988: 33; Titus, Meikle, & Harrison 1985: 49; Wood, S. L. 1982b: 987, 1989: 171.

teocotum Wood 1950b: 354. Holotype ♂; Uruapan, Michoacan, Mexico: Wood Collection.
Distribution: North America (Michoacan in Mexico).

Hosts: *Pinus teocote*.

References: (cn) Cibrian-Tovar et al. 1986: 46. (hb) Cibrian-Tovar et al. 1986: 46. (ds) Cibrian-Tovar et al. 1986: 46; Wood, S. L. 1982b: 991. (tx) Wood, S. L. 1980b: 354, 1982b: 991.

terminalis Flores & Bright 1987: 181. Holotype ♀; Mexico: Nuevo Leon, La Primavera, Galeana, 1700 m; CNCI, Ottawa.

Distribution: North America (Nuevo Leon in Mexico).

Hosts: *Pinus cembroides*.

References: (tx) Flores & Bright 1987: 181.

Genus *Pityoborus* Blackman

PITYOBORUS BLACKMAN 1922b: 96. Type-species: *Crypturgus comatus* Zimmermann, monobasic.

Keys: Wood 1958a: 47, 1982b: 1147.

Notes: Members of this genus breed in the shaded-out, dying branches of living *Pinus* spp.

References: (hb) Wood, S. L. 1986a: 97. (ds) Wood, S. L. 1986a: 97. (tx) Beal & Massey 1945: 60, 124; Blackman 1922b: 96, 1928b: 3–16, 1942a: 177; Schedl 1938a: 159, 163, 165, 168; Wood, S. L. 1958a: 46–56, 1982b: 1146–1152, 1986a: 97.

comatus (Zimmermann) 1865: 143 (*Crypturgus*). Holotype ♀; South Carolina [USA]; MCZ, Cambridge.

Figures: Blackman 1922b: pl. 10, figs. 51–52 (adult).

Distribution: Antilles Islands (Andros Island in Bahamas Islands), North America (Alabama, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina in USA).

Hosts: *Pinus* spp.

Notes: (3) Blackman 1928b: 145 (redescribed).
References: (ay) Furniss, M. M. et al. 1987. (bv) Atkinson, Foltz, & Connor 1988; Turnbow & Franklin 1980. (cn) Baker, W. L. 1972: 258; Doane et al. 1936; Schuder 1969: 79; Swaine 1918a: 104. (cc) Furniss, M. M. et al. 1987. (hb) Atkinson, Foltz, & Connor 1988; Baker, W. L. 1972: 258; Beal & Massey 1945: 125; Blackman 1922b: 96–98; Chamberlin 1939: 343; Deyrup & Atkinson 1987a: 66; Doane et al. 1936; Drooz 1985: 364; Swaine 1918a: 104. (ds) Atkinson et al. 1991: 162; Baker, W. L. 1972: 258; Beal & Massey 1945: 125; Blackman 1922b: 96–98; Blatchley & Leng 1916: 632; Chamberlin 1925, 1939: 343; Deyrup & Atkinson 1987a: 66; Drooz 1985: 364; Hagedorn 1910d: 70; Henshaw 1885: 148; Kirk 1970; Kleine 1913b: 140, 1934a: 163; Leng 1920: 341; Ostmark 1968; Schuder 1969: 79; Swaine 1909: 134; Turnbow & Franklin 1980; Wood, S. L. 1982b: 1148. (tx) Beal & Massey 1945: 125;

Blackman 1922b: 96–98, 1928b: 145–146, 1942a: 203; Blatchley & Leng 1916: 632; Chamberlin 1939: 343; Eichlhoff 1878b: 136; Hagedorn 1910a: 100; LeConte 1865: 157, 1876: 354–355; Schedl 1938a: 159; Swaine 1909: 134, 1918a: 104; Wood, S. L. 1958a: 48, 53, 1982b: 1148; Zimmerman 1865: 143.

seriatus LeConte 1878a: 432 (*Pityophthorus*).

Holotype ♂; Tampa, Florida [USA]; MCZ, Cambridge. Synonymy: Blackman 1928b: 146.

References: (cn) Swaine 1918a: 104. (hb) Swaine 1918a: 104. (ds) Hagedorn 1910d: 70; Henshaw 1882: 269, 1885: 148; Kleine 1913b: 140; Leng 1920: 341; Schwarz 1878d: 468. (tx) Blackman 1928b: 145–146; Chamberlin 1939: 342; Hagedorn 1910a: 101; LeConte 1878a: 432–433, 468; Swaine 1909: 140, 1918a: 104.

frontalis Wood 1971: 49. Holotype ♀; 13 km SE El Cameron, Oaxaca, Mexico: Wood Collection.

Figures: Bright 1972c: 1675.

Distribution: North America (Oaxaca in Mexico).

Hosts: *Pinus oocarpa*, *P.* sp.

References: (ds) Wood, S. L. 1982b: 1151. (tx) Wood, S. L. 1971: 49, 1973c: 182, 1982b: 1151.

severus Bright 1972c: 1676. Holotype ♀; 5 km N Suchixtepec, Oaxaca, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 182.

References: (tx) Bright 1972c: 1675–1676; McNamara 1977: 197; Wood, S. L. 1973c: 182, 1982b: 1151.

hirtellus Wood 1958a: 50. Holotype ♀; 23 km NW Guadaluajara, Jalisco, Mexico; SMUK, Lawrence.

Distribution: North America (Durango, Jalisco in Mexico).

Hosts: *Pinus pseudostrobus*, *P.* sp.

References: (hb) Atkinson & Equihua 1985a: 98; Atkinson et al. 1986: 36. (ds) Atkinson & Equihua 1985a: 98; Atkinson et al. 1986: 36; Wood, S. L. 1958a: 98. (tx) Wood, S. L. 1958a: 47, 50, 1982b: 1150.

hondurensis Wood 1971: 49. Holotype ♀; Yuncaran, Paraiso, Honduras: Wood Collection.

Distribution: North America (Belize/ Honduras).
Hosts: *Pinus caribaea*, *P. oocarpa*.

References: (ds) Wood, S. L. 1982b: 1151. (tx) Wood, S. L. 1971: 49, 1982b: 1151.

rubentis Wood 1958a: 51. Holotype ♀; 23 km W Texmelucan, Puebla, Mexico; SMUK, Lawrence.

Distribution: North America (Chihuahua, Durango, Michoacan, Puebla, Veracruz in Mexico).
Hosts: *Pinus* spp.

References: (hb) Wood, S. L. 1982b: 1150. (ds) Atkinson & Equihua 1988: 94; Wood, S. L. 1982b: 1150. (tx) McNamara 1977: 197; Wood, S. L. 1958a: 48, 51, 1982b: 1150.

secundus Blackman 1928b: 146. Holotype ♀; La Sal Mts., Utah [USA]; USNM, Washington.

Figures: Bright 1972c: 1675.

Distribution: North America (Distrito Federal, Durango, Hidalgo, Michoacan, Puebla, Veraernz in Mexico/ Arizona, New Mexico, Utah in USA).

Hosts: *Pinus ayacahuite*, *P. leiophylla*, *P. oocarpa*, *P. ponderosa*, *P. pseudostrobus*, *P.* spp.

References: (ec) Furniss, R. L. & Carolin 1977: 399. (hb) Atkinson et al. 1986: 36; Chamberlin 1939: 345; Furniss, R. L. & Carolin 1977: 399. (ds) Atkinson & Equilma 1988: 94; Atkinson et al. 1986: 36; Chamberlin 1939: 345; Furniss, R. L. & Carolin 1977: 399; Leng & Mutchler 1933: 52; Wood, S. L. 1960b: 69, 1982b: 1148. (tx) Blackman 1928b: 146, 1942a: 203; Chamberlin 1939: 345; Wood, S. L. 1958a: 48, 53–54, 1960b: 69, 1973c: 182, 1982b: 1148.

tertius Blackman 1942a: 202. Holotype ♀; Chalco, D.F., Mexico; USNM, Washington. Synonymy: Wood 1973c: 182.

References: (ds) Blackwelder 1947: 781; Bright 1972c: 1679. (tx) Blackman 1942a: 202–203; Wood, S. L. 1958a: 48, 55, 1973c: 182.

intonsus Wood 1958a: 54. Holotype ♀; 23 km W Texmelucan, Puebla, Mexico; SMUK, Lawrence. Synonymy: Wood 1973c: 182.

References: (ay) Thomas, J. B. 1967. (ds) Thomas, J. B. 1967. (tx) Thomas, J. B. 1967; Wood, S. L. 1958a: 48, 54, 1973c: 182, 1982b: 1148.

immitis Bright 1972c: 1674. Holotype ♀; 68 km W Durango, Durango, Mexico; CNCL, Ottawa. Synonymy: Wood 1973c: 182.

References: (tx) Bright 1972c: 1674–1675; McNamara 1977: 197; Wood, S. L. 1973c: 182.

ramosus Bright 1972c: 1677. Holotype ♀; 5.6 km S Suchixtepec, Oaxaca, Mexico; CNCL, Ottawa. Synonymy: Wood 1973c: 182.

References: (tx) Bright 1972c: 1675, 1677; Wood, S. L. 1973c: 182, 1982b: 148.

***velutinus* Wood** 1958a: 48. Holotype ♀; 23 km NW Guadalajara, Jalisco, Mexico; SMUK, Lawrence. Distribution: North America (Jalisco in Mexico). Hosts: *Pinus* sp.

References: (ds) Atkinson & Equilma 1988: 94; Wood, S. L. 1982b: 1151. (tx) Wood, S. L. 1958a: 47–48, 1982b: 1151.

Genus *Dacnophthorus* Wood

DACNOPHTHORUS WOOD 1975b: 394. Type-species: *Gnathophthorus clematis* Wood, original designation.

Keys: Wood 1982b: 1152 for Central America.

Notes: The species of this genus breed in the phloem of lianas.

References: (hb) Wood, S. L. 1986a: 98. (ds) Wood, S. L. 1986a: 98. (tx) Wood, S. L. 1975b: 394, 1982b: 1152–1154, 1986a: 98.

***artus* (Wood)** 1974a: 27 (*Gnathophthorus*). Holotype ♀; ca 260 km N Navantina, Matto Grosso, Brasil (12 49 S, 41 46 W); BMNH, London.

Distribution: South America (Brazil).

Notes: (1) Wood 1975b: 394 (to *Dacnophthorus*). References: (tx) Wood, S. L. 1974a: 27, 1975b: 394.

***clematis* (Wood)** 1971: 51 (*Gnathophthorus*). Holotype ♀; Volcan Colima, Jalisco, Mexico; Wood Collection.

Figures: Wood 1971: 52, 1982b: 1153 (female outline, head).

Distribution: North America (Costa Rica/ Honduras/ Jalisco in Mexico/ Panama).

Hosts: *Clematis* sp.

Notes: (1) Wood 1975b: 394 (to *Dacnophthorus*). References: (hb) Wood, S. L. 1982b: 1153. (ds) Wood, S. L. 1982b: 1153. (tx) Wood, S. L. 1971: 51–52, 1975b: 394, 1982b: 1153, 1986a: 98.

***cracens* (Wood)** 1971: 53 (*Gnathophthorus*). Holotype ♀; La Ceiba, Atlantida, Honduras; Wood Collection.

Distribution: North America (Honduras).

Notes: (1) Wood 1975b: 394 (to *Dacnophthorus*). References: (ds) Wood, S. L. 1982b: 1154. (tx) Wood, S. L. 1971: 53, 1975b: 394, 1982b: 1154.

***pertusus* (Wood)** 1971: 53 (*Gnathophthorus*). Holotype ♀; 20 km SW El Vigía, Merida, Venezuela; Wood Collection.

Distribution: South America (Venezuela).

Hosts: Bignoniaceae liana.

References: (tx) Wood, S. L. 1971: 53–54, 1975b: 394.

***rallus* (Wood)** 1971: 53 (*Gnathophthorus*). Holotype ♀; Merida, Venezuela; Wood Collection. Distribution: South America (Venezuela).

Hosts: *Clematis* sp.

Notes: (1) Wood 1975b: 394 (to *Dacnophthorus*). References: (tx) Wood, S. L. 1971: 53, 1975b: 394.

Genus *Pityotrichus* Wood

PITYOTRICHUS WOOD 1962: 76. Type-species: *Pityophilus barbatus* Blackman, automatic.

Pityophilus Blackman 1928b: 147. Type-species: *Pityophilus barbatus* Blackman, original designation, preoccupied by Brulle 1884.

References: (tx) Arnett 1960: 1045, 1965: 1045; Blackman 1928b: 5–16, 147–148; Chamberlin 1939: 345; Schedl 1938a: 159, 163, 165, 168; Wood, S. L. 1961: 48, 1962: 76, 1982b: 1140, 1986a: 98.

Keys: Bright 1971b: 68–69, Wood 1982b: 1141.

Notes: The species of this genus breed in the shaded-out, dying branches of living *Pinus* spp.

References: (hb) Wood, S. L. 1982b: 1140, 1986a: 98. (ds) Wood, S. L. 1982b: 1140, 1986a: 98. (tx) Bright 1971b: 68–69; Wood, S. L. 1962: 76, 1982b: 1140, 1986a: 98.

barbatus (Blackman) 1925b: 147 (*Pityophilus*).
Holotype ♀; Las Vegas H.S. [Hot Springs], New Mexico [USA]; USNM, Washington.

Distribution: North America (Arizona, New Mexico in USA).

Hosts: *Pinus edulis*, *P. cembroides*, uncommon in *P. ponderosa*.

Notes: (3) Blackman 1925b: 147–148 (*Pityophilthorus edulis*, nomen nudum, synonymy), 1925b: 147–149 (*Pityophilthorus nitidicollis*, nomen nudum, synonymy).

References: (hb) Chamberlin 1939: 345; Wood, S. L. 1952b: 1141. (ds) Chamberlin 1939: 345; Furniss, R. L. & Carolin 1977: 400; Keen 1929a: 34; Kleine 1934a: 163; Leng & Mutchler 1933: 52; Wood, S. L. 1952b: 1141. (tx) Blackman 1925b: 147–148; Bright 1971b: 68; Chamberlin 1939: 345; Keen 1929a: 34; de Ruelle 1970: 107; Schedl 1935a: 162; Wood, S. L. 1952b: 1141.

hesperius Bright 1971b: 69. Holotype ♀; Pinaleno Mts., Graham County, Arizona [USA]; CNCI, Ottawa.

Distribution: North America (Arizona, New Mexico in USA).

Hosts: *Pinus flexilis*, *P. strobiformis*.

References: (ds) Furniss, R. L. & Carolin 1977: 401; Wood, S. L. 1952b: 1142. (tx) Bright 1971b: 69–70; McNamara 1977: 198; Wood, S. L. 1952b: 1142.

Genus *Gnatholeptus* Blackman

GNATHOLEPTUS BLACKMAN 1943b: 34. Type-species: *Gnatholeptus mandibularis* Blackman = *Pityophilthorus shannoni* Blackman, original designation.

Keys: Wood 1952b: 1142.

Notes: (1) Bright 1951d: 16 (treated as a subgenus of *Pityophilthorus*).

References: (ds) Wood, S. L. 1956a: 98. (tx) Blackman 1943b: 34; Bright 1951: 16; Wood, S. L. 1952b: 1142–1146, 1956a: 98.

panamensis Blackman 1943b: 35. Holotype ♀; Barro Colorado Island, Canal Zone, Panama; USNM, Washington.

Figures: Wood 1952b: 1144 (female head).

Distribution: North America (Costa Rica/Panama), South America (Suriname).

Hosts: *Protium* sp.

References: (ds) Blackman 1943b: 35; Bright 1951d: 19; Wood, S. L. 1952b: 1145. (tx) Blackman 1943b: 35; Bright 1951d: 19; Wood, S. L. 1979b: 134, 1952b: 1145.

epistomalis Schedl 1961i: 224 (*Pityophilthorus*).
Holotype ♀; Barro Colorado Island, Canal Zone, Panama; Cornell University, Ithaca, New York. Synonymy: Wood 1979b: 134.

References: (tx) Bright 1977: 513; Schedl 1961i: 224; Wood, S. L. 1979b: 134, 1952b: 145.

semiermis (Nunberg) 1963c: 98 (*Pityophilthorus*).

Holotype ♂; Finca La Lola, Limon, Costa Rica; University of Wisconsin Collection, Madison.

Figures: Nunberg 1963c: 102, Wood 1952b: 1144 (female head).

Distribution: North America (Costa Rica), South America (Colombia/Suriname/Venezuela).

Hosts: *Protium* cf. *copal*.

Notes: (1) Bright 1977: 513 (to *Gnatholeptus*).

References: (ds) Bright 1951d: 21; Estrada & Atkinson 1955: 212; Wood, S. L. 1952b: 1145. (tx) Bright 1977: 513, 1951d: 21; Nunberg 1963c: 98, 102; Wood, S. L. 1952b: 1145.

shannoni (Blackman) 1942a: 224 (*Pityophilthorus*).

Holotype ♀; Cano Saddle at Gatun Lake, Panama; USNM, Washington.

Figures: Bright 1951d: 334, Wood 1952b: 1144 (female head).

Distribution: North America (Panama), South America (Colombia).

Hosts: *Protium* sp.

Notes: (1) Bright 1977: 513 (to *Gnatholeptus*).

References: (ds) Blackwelder 1947: 782; Bright 1951d: 20; Wood, S. L. 1952b: 1144. (tx) Blackman 1942a: 224; Bright 1977: 513, 1951d: 20, 334; Schedl 1961i: 226; Wood, S. L. 1979b: 134, 1952b: 1144.

mandibularis Blackman 1943b: 34. Holotype ♀; Barro Colorado Island, Canal Zone, Panama; USNM, Washington. Synonymy: Wood 1979b: 134.

References: (tx) Blackman 1943b: 34; Wood, S. L. 1979b: 134, 1952b: 1144.

gentilis Schedl 1961i: 225 (*Pityophilthorus*).
Holotype ♂; Barro Colorado Island, Gatun Lake, Canal Zone, Panama; Cornell University Collection, Ithaca, New York. Synonymy: Bright 1977: 513, Wood 1979b: 134.

References: (tx) Bright 1977: 513; Schedl 1961i: 225, 1979c: 103; Wood, S. L. 1979b: 134, 1952b: 1144.

Genus *Pityodendron* Schedl

PITYODENDRON SCHEDL 1953d: 93. Type-species: *Pityodendron madagascariensis* Schedl, monobasic.

References: (hb) Wood, S. L. 1956a: 98. (ds) Wood, S. L. 1956a: 98. (tx) Schedl 1953d: 93, 1964m: 307, 1977b: 106; Wood, S. L. 1956a: 98.

madagascariensis Schedl 1953d: 93. Lectotype, sex?; Madagascar, Mt. d'Ambre; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 144.

Figures: Schedl 1977a: 105.

Distribution: Madagascar.

References: (tx) Schedl 1953d: 93, 1977b: 105–106, 1979c: 144.

Genus *Sauropitilinus* Browne

SAUROPTILINUS BROWNE 1970: 558. Type-species: *Xyleborus sauropterus* Schedl, original designation.

References: (hb) Wood, S. L. 1986: 98. (ds) Wood, S. L. 1986a: 98. (tx) Browne 1970: 558–559; Schedl 1977b: 114; Wood, S. L. 1986a: 98.

sauropterus (Schedl) 1953d: 101 (*Xyleborus*). Holotype ♂; Madagascar, Sikora; Schedl Collection in NHMW, Wien.

Figures: Schedl 1977b: 113.

Distribution: Madagascar.

Hosts: *Mauloutchia* sp.

References: (tx) Schedl 1953d: 101–102, 1970d: 558–559, 1977b: 113–114, 1979c: 220; Wood, S. L. 1986a: 98, 1989: 175.

sauropteroides Schedl 1970d: 237 (*Xyleborus*).

Holotype ♀; Madagascar, Bemampidy; MNHN, Paris. Synonymy: Wood 1989: 175.

References: (tx) Schedl 1970d: 234, 237, 1977b: 114, 1979c: 220; Wood, S. L. 1989: 175.

Genus *Phelloterus* Wood

PHELLOTERUS WOOD 1971: 46. Type-species: *Phelloterus tersus* Wood, original designation.

References: (hb) Wood, S. L. 1986a: 98. (ds) Wood, S. L. 1986a: 98. (tx) Wood, S. L. 1971: 46–47, 1986a: 98.

anaxeus Wood 1971: 47. Holotype ♂; 8 km S Colonia (near Buenaventura), Valle de Cauca, Colombia; Wood Collection.

Distribution: South America (Colombia).

Hosts: *Couma macrocarpa*, *Eshweilera* sp., *Lecythia* sp., *Licania* sp., *Sacoglothia procera*.

References: (tx) McNamara 1977: 197; Wood, S. L. 1971: 47.

atrocis Wood 1971: 48. Holotype ♂; Campamento Capote, 27 km NE Montoya, Santander, Colombia; Wood Collection.

Distribution: South America (Colombia).

Hosts: *Eshweilera* sp., *Sacoglothia* sp.

References: (tx) Wood, S. L. 1971: 48.

tersus Wood 1971: 47. Holotype ♂; Colonia Tovar, Aragua, Venezuela; Wood Collection.

Distribution: South America (Venezuela).

Hosts: *Eshweilera* sp.

References: (tx) Wood, S. L. 1971: 47, 1986a: 98.

Genus *Spermophthorus* Costa Lima

SPERMOPHTHORUS COSTA LIMA 1929: 111. Type-species: *Spermophthorus apuleiae* Costa Lima, monobasic.

References: (hb) Wood, S. L. 1986: 98. (ds) Wood, S. L. 1986: 98. (tx) Blackman 1942a: 178; Costa Lima 1929: 111–112; Schedl 1937h: 165, 1938a: 160, 168; Wood, S. L. 1982b: 963–965, 1986a: 98.

aberrans Wood 1968b: 11. Holotype ♂; 6 km S San Vito, Puntarenas, Costa Rica; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: 3.5 x 4.5 cm gall found on forest floor.

References: (hb) Wood, S. L. 1982b: 964. (ds) Wood, S. L. 1982b: 964. (tx) Wood, S. L. 1986b: 11, 1982b: 964.

apuleiae Costa Lima 1929: 111. Syntypes ♂ ♀; Campos, Estado do Rio, Brasil; Inst. Oswaldo Cruz, Rio de Janeiro.

Distribution: South America (Argentina/ Brazil).

Hosts: *Apuleia forrea* seeds.

References: (cn) Costa Lima 1956. (hb) Costa Lima 1956. (ds) Costa Lima 1936, 1956. (tx) Blackman 1942a: 203–204; Costa Lima 1929: 111, 1956; Schedl 1938a: 162, 1964m: 311; Wood, S. L. 1986a: 98.

viana Schedl 1938i: 27 (*Conophthocranulus*).

Syntypes ♂ ♀; Argentinien, Prov. Salta; Viana Collection, and Schedl Collection in NHMW, Wien. Synonymy: Schedl 1964m: 311.

Notes: (1) Schedl 1979c: 267 (citation of holotype invalid).

References: (hb) Viana 1964: 125. (ds) Viana 1964: 125. (tx) Schedl 1938i: 27, 1939m: 169, 1964m: 311, 1979c: 267.

caesalpiniae Blackman 1942a: 203. Holotype ♀;

Paraguay; USNM, Washington.

Distribution: South America (Brazil/ Paraguay).

Hosts: *Caesalpinia melanocarpa*.

References: (cn) Costa Lima 1956. (hb) Costa Lima 1956. (ds) Costa Lima 1956. (tx) Blackman 1942a: 203; Costa Lima 1956.

Genus *Pseudopityophthorus* Swaine

PSEUDOPITYOPHTHORUS SWAINE 1918a: 93. Type-species: *Crypturgus minutissimus* Zimmermann, original designation.

Xenophthorus Wood & Yin 1986: 462. Type-species: *Pseudopityophthorus peregrinus* Wood & Yin, original designation. Used as a subgenus for this Asiatic species.

References: (tx) Wood, S. L. & Yin 1986: 462. Keys: Swaine 1918a: 93, Blackman 1931a: 225, Wood 1982b: 966.

Notes: (3) Blackman 1931a and Wood 1982b: 965–982 (revision of genus).

References: (ay) Nobuchi 1969a: 67. (cn) Rexrode 1967: 755–757, 1969a: 448–449. (cc) Rexrode 1969a: 448–449. (hb) Anderson, R. F. 1960: 243; Bright & Stark 1973: 101; Cowlin 1956: 35–36; Griswold & Neiswander 1953: 205; Gruenfeld et al. 1956: 92–93; McGinnies 1955: 47; Orr 1955: 4, 7; Rexrode & Krause 1965: 1340–1341; Stambough 1955: 867–871; Whiteside 1957: 2, 20; Wood, S. L. 1982b: 965, 1986a: 98. (ds) Anderson, R. F. 1960: 243; Bright & Stark 1973: 101; Leng & Mntchler 1933: 95; Wood, S. L. 1982b: 965, 1986a: 98. (tx) Anderson, R. F.

- 1960: 243; Arnett 1960: 1045; Beal & Massey 1945: 60, 121; Blackman 1922b: 98–99, 1928b: 6–16, 1931a: 223–236, 1942a: 175; Bright 1976d: 176; Bright & Stark 1973: 101; Chamberlin 1939: 346–353; Dodge 1938: 19; Schedl 1935a: 155, 163, 168; Swaine 1915a: 93; Wood, S. L. 1961a: 45, 1967d: 37–57, 1982b: 965–982, 1986a: 98; Wood, S. L. & Yin 1986: 462.
- agrifoliae** Blackman 1931a: 230. Holotype ♂; Golden Gate Park, San Francisco, California [USA]; USNM, Washington.
Distribution: North America (S Arizona, California in USA).
Hosts: *Quercus agrifolia*, *Q. kelloggii*, *Q. wislizenii*, *Q. sp.*
References: (hb) Bright & Stark 1973: 101; Chamberlin 1939: 350; Wood, S. L. 1982b: 975. (ds) Atkinson & Equilma 1985: 100; Bright & Stark 1973: 101; Chamberlin 1939: 350; Leng & Mutchler 1933: 95; Wood, S. L. 1982b: 975. (tx) Blackman 1931a: 230; Chamberlin 1939: 350; Wood, S. L. 1967d: 42, 1982b: 975.
- asperulus** (LeConte) 1868: 155 (*Cryphalus*). Holotype ♂; Virginia [USA]; MCZ, Cambridge.
Figures: Blackman 1922b: pl. I, fig. 4.
Distribution: North America (Connecticut, District of Columbia, Florida, Georgia, Illinois, Louisiana, Maine, Massachusetts, Mississippi, Missouri, New Jersey, New York, North Carolina, Pennsylvania, Tennessee, E. Texas, West Virginia in USA).
Hosts: *Quercus nigra*, *Q. rubra*, *Q. velutina*, *Q. sp.*, rare and not persistent in *Betula populifera*, *Castanea dentata*, *Ostrya virginiana*.
Notes: (1) Blackman 1931a: 224 (to *Pseudopityophthorus*). (3) Blackman 1931a: 226 (re-described).
References: (bv) Atkinson, Foltz, & Connor 1988; Roling & Kearby 1975b, 1977. (cn) Blackman 1950; Doane et al. 1936; Felt 1906: 726; Packard 1890: 720; Roling & Kearby 1977. (cc) Roling & Kearby 1977; Steinhaus 1946: 404. (hb) Atkinson, Foltz, & Connor 1988; Baker, W. L. 1972: 256; Beal & Massey 1945: 124; Blackman 1950; Chamberlin 1939: 349; Chittenden 1890; Deyrup & Atkinson 1987a: 66; Doane et al. 1936; Hubbard 1897; Packard 1890: 720; Schwarz 1855a: 80; Wood, S. L. 1982b: 971. (ds) Atkinson et al. 1991: 163; Baker, W. L. 1972: 256; Beal & Massey 1945: 124; Blackman 1950; Blatchley & Leng 1916: 647; Bright 1976d: 177; Chamberlin 1939: 349; Chittenden 1890; Deyrup 1981b: 8, 1987a: 66; Dorsey & Leach 1955: 224; Drooz 1985: 363; Gemminger & Harold 1872: 2684, 2688; Hagedorn 1910d: 96; Henshaw 1885: 147; Hubbard & Schwarz 1878b: 626; Kleine 1913b: 145, 158, 1914b: 394, 1934a: 165; Leng 1920: 340; Schwarz 1886: 40, 1888a: 80; Swaine 1909: 108; Ulke 1902: 56; Weber, B. C. & McPherson 1991: 54; Wood, S. L. 1982b: 971. (tx) Beal & Massey 1945: 124; Blackman 1931a: 224–228, 1931b: 266; Blatchley & Leng 1916: 647; Bright 1976d: 177; Chamberlin 1939: 349; Eichhoff 1878b: 202; Hagedorn 1910a: 147; Hubbard & Schwarz 1878a: 666; LeConte 1868: 155, 1876: 350; Swaine 1909: 108, 1915a: 91–92; Wood, S. L. 1959b: 2, 1982b: 971. *gracilis* Blackman 1921: 6. Lectotype ♂; Natchez, Mississippi [USA]; USNM, Washington, designated by Wood 1982b: 971. Synonymy: Blackman 1931a: 228.
References: (hb) Blackman 1922b: 99–100. (ds) Blackman 1922b: 99–100; Henshaw 1882i: 268; Kleine 1934a: 162; Leng & Mutchler 1927: 52. (tx) Blackman 1921: 6–7, 1922b: 99–100, 1931a: 224–228.
- cincinnatus** (Blandford) 1904: 242 (*Pityophthorus*). Holotype ♀; Quiche Mts., Guatemala, 7–9000 ft.; BMNH, London.
Distribution: North America (Guatemala).
References: (ds) Hagedorn 1910d: 70; Kleine 1913b: 140; Wood, S. L. 1982b: 973. (tx) Blandford 1904: 242; Bright 1981d: 328; Hagedorn 1910a: 100; Schedl 1955g: 17; Wood, S. L. 1982b: 973.
- colombianus** Wood 1971: 51. Holotype ♂; Piedras Blancas, 10 km E Medellin, Antioquia, Colombia; Wood Collection.
Distribution: South America (Colombia).
Hosts: *Quercus humboldtii*.
References: (tx) Wood, S. L. 1971: 51, 1982b: 966.
- comosus** Bright 1972c: 1670. Holotype ♂; Highway 131, 178 km S Oaxaca, Oaxaca, Mexico; CNCI, Ottawa.
Figures: Bright 1972c: 1669, 1675.
Distribution: North America (Oaxaca in Mexico).
Hosts: *Quercus sp.*
References: (ds) Wood, S. L. 1982b: 978. (tx) Bright 1972c: 1669–1670; McNamara 1977: 198; Wood, S. L. 1982b: 978.
- declivis** Wood 1971: 50. Holotype ♀; Laguna Santa Maria, Nayarit, Mexico; Wood Collection.
Distribution: North America (Chiapas, Jalisco, Nayarit, Oaxaca in Mexico).
Hosts: *Quercus sp.*
References: (hb) Wood, S. L. 1982b: 969. (ds) Atkinson & Equilma 1985c: 358; Schedl 1977e: 42; Wood, S. L. 1982b: 969. (tx) Wood, S. L. 1971: 50, 1973c: 184, 1982b: 969.
- truncatus** Bright 1972c: 1673. Holotype ♂; 184 km S Oaxaca, Oaxaca, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 184.
References: (tx) Bright 1972c: 1673–1675; McNamara 1977: 199; Wood, S. L. 1973c: 184.
- curtus** Bright 1972c: 1674. Holotype ♀; 13 km N Ocosingo, Chiapas, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 184.
References: (tx) Bright 1972c: 1674–1675; McNamara 1977: 199; Wood, S. L. 1973c: 184.

- denticulus** Wood 1977b: 216. Holotype ♀: Boot Springs, Big Bend National Park, Brewster Co., Texas [USA]; CNCI, Ottawa.
Distribution: North America (W Texas in USA).
Hosts: *Quercus* sp.
References: (hb) Atkinson et al. 1986: 41; Burgos & Saucedo 1983: 112. (ds) Atkinson & Equihua 1985c: 358; Atkinson et al. 1986: 41; Burgos & Saucedo 1983: 112; Wood, S. L. 1982b: 971. (tx) Wood, S. L. 1977b: 216, 1982b: 971.
- durangoensis** Wood 1987: 549. Holotype ♂: 96 km W Durango, Durango, Mexico; Wood Collection.
Distribution: North America (Durango in Mexico).
Hosts: *Quercus* sp.
References: (tx) Wood, S. L. 1987: 549.
- fagi** Blackman 1931a: 225. Holotype ♂: Morgantown, West Virginia [USA]; USNM, Washington.
Distribution: North America (Pennsylvania, West Virginia in USA).
Hosts: *Fagus grandifolia*.
References: (cc) Felt 1906: 702. (hb) Chamberlin 1939: 349; Felt 1906: 702. (ds) Chamberlin 1939; Leng & Mutchler 1933: 95; Smith, J. B. 1910: 401; Wood, S. L. 1982b: 975. (tx) Blackman 1931a: 225–229; Chamberlin 1939: 349; Wood, S. L. 1982b: 975.
- festivus** Wood 1974a: 55. Holotype ♂: 11 km NE Copala, Sinaloa, Mexico; Wood Collection.
Distribution: North America (Sinaloa in Mexico).
Hosts: *Quercus* sp.
References: (hb) Wood, S. L. 1982b: 980. (ds) Wood, S. L. 1982b: 980. (tx) Wood, S. L. 1974a: 55, 1982b: 980.
- granulatus** Blackman 1931a: 230. Holotype ♂: Prescott National Forest, Arizona [USA]; USNM, Washington.
Distribution: North America (Arizona in USA).
Hosts: *Quercus hypoleucoides*, *Q.* spp.
References: (hb) Chamberlin 1939: 350; Wood, S. L. 1982b: 970. (ds) Chamberlin 1939: 350; Leng & Mutchler 1933: 95; Wood, S. L. 1982b: 970. (tx) Blackman 1931a: 225, 227, 230; Chamberlin 1939: 350; Wood, S. L. 1967d: 42, 1982b: 970.
- granulifer** Wood 1967d: 42. Holotype ♀: Zamorano, Morazan, Honduras; Wood Collection.
Distribution: North America (Guatemala/ Honduras/ Chiapas in Mexico).
Hosts: *Quercus hondurensis*, *Q. sapotaefolia*.
References: (cc) Bright 1976a. (hb) Wood, S. L. 1982b: 970. (ds) Bright 1972c: 1679; Wood, S. L. 1982b: 970. (tx) Wood, S. L. 1967d: 42–43, 1982b: 970.
- hispidus** Eggers 1930a: 170. Holotype ♀: labeled "R.d.M. Mexico," published as Valle de Mexico, Mexico; MNB, Berlin.
Distribution: North America (Distrito Federal in Mexico).
References: (ds) Atkinson & Equihua 1985a: 90; Blackwelder 1947: 782; Ferrer 1942; Wood, S. L. 1982b: 968. (tx) Eggers 1930a: 170; Schedl 1940a: 348, 1979c: 118; Wood, S. L. 1982b: 968.
- hondurensis** Wood 1967d: 42. Holotype ♂: Buenos Aires, Cortes, Honduras; Wood Collection.
Figures: Bright 1972c: 1669.
Distribution: North America (Honduras/ Chiapas in Mexico).
Hosts: *Quercus* sp.
References: (hb) Wood, S. L. 1982b: 972. (ds) Wood, S. L. 1982b: 972. (tx) Wood, S. L. 1967d: 42, 1973c: 184, 1982b: 972.
- montanus** Bright 1972c: 1667. Holotype ♂: Mt. Tzontehuitz, Chiapas, Mexico; CNCI, Ottawa.
Synonymy: Wood 1973c: 184.
References: (tx) Bright 1972c: 1667, 1669; McNamara 1977: 199; Wood, S. L. 1973c: 184.
- limbatus** Eggers 1930a: 169. Holotype ♀: "R.d.M.," Mexico; Eggers Collection, in NHMW, Wien.
Figures: Atkinson et al. 1986: 43.
Distribution: North America (Distrito Federal, Durango, Hidalgo, Michoacan, Oaxaca, Tlaxcala in Mexico).
Hosts: *Quercus* sp.
References: (hb) Atkinson & Equihua 1985c: 358; Burgos & Saucedo 1983: 113; Wood, S. L. 1982b: 975. (ds) Atkinson & Equihua 1985a: 89, 1985c: 358, 1988: 100; Blackwelder 1947; Burgos & Saucedo 1983: 113; Ferrer 1942; Wood, S. L. 1982b: 975. (tx) Atkinson et al. 1986: 43; Eggers 1930a: 169; Schedl 1940a: 347, 1979c: 139; Wood, S. L. 1966b: 27, 1975b: 394, 1982b: 976.
- micans** Wood 1967d: 44. Holotype ♂: 96 km W Durango, Durango, Mexico; Wood Collection.
Synonymy: Wood 1975b: 394.
References: (hb) Thomas, J. B. 1967. (tx) de Ruelle 1970: 113; Thomas, J. B. 1967; Wood, S. L. 1967d: 44–45, 1973c: 184, 1975b: 394.
- minutissimus** (Zimmermann) 1868: 143 (*Crypturgus*). Lectotype ♂: Carolina [USA]; MCZ, Cambridge, designated by Wood 1982b: 976.
Figures: Blackman 1922b: pl. 9, fig. 45. Bright 1976d: 204, 213.
Distribution: North America (Arkansas, District of Columbia, Florida, Georgia, Illinois, Iowa, Kansas, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, New Hampshire, New Jersey, New York, North Carolina, Pennsylvania, South Carolina, Virginia, West Virginia, Wisconsin in USA).
Hosts: *Quercus* spp., rare and apparently not persistent in *Amelanchier* sp., *Betula* sp., *Carpinus* sp., *Carya* sp., *Fagus* sp., *Hammamelis* sp.
Notes: (3) Blackman 1931a: 231 (redescribed).
References: (ay) Hopkins 1894g. (bv) Haack, R. A., Benjamin, & Haack 1983; Rexrode 1969: 306–313; Rexrode & Jones 1972; Roling & Kearby 1975b, 1977; Turnbow & Franklin 1980. (cn)

- Anonymous 1979d; Baker, W. L. 1972: 255; Blackman 1950; Buchanan 1956: 654, 1958a: 9, 1958b: 414–415, 1958c: 646; Chittenden 1898: 78; Currie 1905: 50; Doane et al. 1936; Felt 1905: 257, 295, 1906: 295, 1926: 247–248, 1930a: 272; Felt & Rankin 1932: 359; Fitch 1858; Hopkins 1894: 277, 1898a: 105, 1904a: 24; MacAloney & Ewan 1964; McGinnies 1957: 45–47; Packard 1890: 93, 221, 720; Rexrode & Jones 1971: 108–111; Roling & Kearby 1977; Walsh 1867: 103. **(cc)** Baker, W. L. 1972: 255; Berry & Bretz 1959: 66–67, 1966; Buchanan 1956: 654, 1958a: 9, 1958b: 414–415, 1958c: 646; Burks 1979: 791; Bushing 1965: 465; Chittenden 1901; Drooz 1985: 362; Griswold 1956: 560; Griswold & Bart 1954; Griswold & Neiswander 1953, 1954: 708; Haack, R. A., Benjamin, & Haack 1983; Marsh 1979: 150; Pierce, W. D. 1908: 385; Rexrode 1969, 1976; Rexrode & Jones 1971: 108–111, 1972; Rexrode, Jones, & Jones 1972; Rexrode & Krause 1968: 814–816; Roling & Kearby 1977; Singh 1977: 101; Thewke & Enns 1965: 215–219. **(hb)** Baker, W. L. 1972: 255; Beal & Massey 1945; Blackman 1922b: 99–100, 1950; Bright 1976d: 177; Buchanan 1956, 1958b; Chamberlin 1939: 350; Chittenden 1890; Deyrup & Atkinson 1987a: 66; Doane et al. 1936; Drooz 1985: 362; Felt 1906: 295, 1926: 247–248, 1930a: 272; Felt & Rankin 1932: 359; Fitch 1858; Haack, R. A., Benjamin, & Haack 1983; Hopkins 1894g, 1899a: 343, 1904a: 24; MacAloney & Ewan 1964; McMullen et al. 1955: 491; Packard 1890: 221, 720; Pierce, W. D. 1907: 290; Rexrode 1969; Rexrode & Jones 1972; Rexrode, Jones, & Jones 1972; Rexrode & Krause 1968a; Schwarz 1888a: 113; Swaine 1918a: 93–94; Wood, S. L. 1982b: 976. **(ds)** Anonymous 1926c: 518, 1979d; Atkinson et al. 1991: 163; Beal & Massey 1945; Beaulne 1956; Blackman 1922b: 99–100, 1950; Blandford 1895b; Blatchley & Leng 1916: 628; Bright 1976d: 177; Chamberlin 1939: 350; Chittenden 1890; Currie 1905; Deyrup 1981b: 8; Deyrup & Atkinson 1987a: 66; Dodge 1938; Drooz 1985: 362; Felt 1926: 247–248, 1930a: 247, 272; Felt & Rankin 1932: 359; Gemminger & Harold 1872: 2689; Hagedorn 1910d: 72; Henshaw 1885: 147; Hopkins 1893a: 129, 149, 1893b: 208; Hulbard & Schwarz 1878a: 665; Kirk 1970; Kleine 1913b: 140, 1914b: 392, 1934a: 162; Leng 1920: 341; Leonard 1928: 518; Rexrode 1969; Rexrode & Jones 1972; Schwarz 1886: 40, 1888a: 113; Smith, J. B. 1900: 362, 1910: 401; Swaine 1909: 139; Turnbow & Franklin 1980; Ulke 1902: 56; Weber, B. C. & McPherson 1991: 54; Wickham 1896c: 168; Wood, S. L. 1982b: 976. **(tx)** Beal & Massey 1945; Benoit 1985: 211; Blackman 1921: 6–7, 1922b: 99–100, 1928b: 148, 1931a: 224–232; Blandford 1895b; Blatchley & Leng 1916: 628; Bright 1976d: 204, 213; Chamberlin 1939: 350; Dodge 1938: 16, 41; Eichhoff 1878b: 200; Green 1918: 257; Hagedorn 1910a: 101; LeConte 1868: 154, 157, 1876: 351, 1878b: 665; Schedl 1938a: 158; Schwarz 1886: 40, 1888: 56, 113, 1891a: 168; Swaine 1909: 139–140, 1918a: 93–94; Wood, S. L. 1982b: 976; Zimmermann 1868: 143. **(ms)** Rexrode & Krause 1968a. **(?) pusillus** Harris 1837: 82 (*Tomicus*). Holotype, sex?, eastern U.S.; lost.
- Notes: (1) LeConte 1868: 143 (possible synonymy with *minutissimus*). The probability of this synonymy being correct is remote, but no alternative has been suggested. Because of this uncertainty, the name *minutissimus* is retained as the name for this species.
- References: **(cn)** Fitch 1858; Packard 1890: 717. **(hb)** Fitch 1858; Packard 1890: 717. **(ds)** Gemminger & Harold 1872: 2689; Leng 1920: 341; Melsheimer 1853: 87; Swaine 1909: 140. **(tx)** Blackman 1931a: 225; Blackman & Stage 1918: 55; Eichhoff 1878b: 200; Harris 1837: 82; LeConte 1868: 143, 1876: 351; Swaine 1909: 140.
- opacicolis** Blackman 1931a: 235. Holotype ♂; Santa Catalina Mts., Arizona [USA]; USNM, Washington.
- Figures: Bright 1972c: 1675.
- Distribution: North America (Chiapas, Durango, Hidalgo, Oaxaca, Tlaxcala in Mexico/S Arizona in USA).
- Hosts: *Quercus emoryi*, *Q.* spp.
- References: **(hb)** Atkinson et al. 1986: 42; Burgos & Saucedo 1983: 115; Chamberlin 1939: 353; Wood, S. L. 1982b: 980. **(ds)** Atkinson & Equihua 1985a: 89, 1985c: 359, 1988: 100; Atkinson et al. 1986: 42; Burgos & Saucedo 1983: 115; Chamberlin 1939: 353; Leng & Mutchler 1933: 95; Thomas, J. B. 1966. **(tx)** Blackman 1931a: 226–236; Chamberlin 1939: 353; Wood, S. L. 1959b: 1, 1967d: 44, 1973c: 185, 1982b: 980.
- aesculinus** Bright 1972c: 1672. Holotype ♀; 112 km N Oaxaca, Oaxaca, Mexico; CNCI, Ottawa.
- Synonymy: Wood 1973c: 185.
- References: **(tx)** Bright 1972c: 1672, 1675; McNamara 1977: 198; Wood, S. L. 1973c: 185.
- peregrinus** Wood & Yin 1986: 462. Holotype ♀; Zayu, Xizang (Tibet), China; IZAS, Beijing.
- Distribution: Asia (Xizang [Tibet] in China).
- Hosts: *Quercus* sp.
- Notes: (1) This species is in the subgenus *Xenophthorus*.
- References: **(tx)** Wood, S. L. & Yin 1986: 462.
- pruinosis** (Eichhoff) 1878b: 198 (*Pityophthorus*). Lectotype ♂; published as "Carolina," labeled "Am. bor., No. 11" [USA]; USNM, Washington, designated by Wood 1982b: 979.
- Figures: Blackman 1922b: pl. 9, fig. 46, Bright 1972c: 1675.
- Distribution: North America (Guatemala/ Honduras/ Durango, Michoacan, Oaxaca, Sinaloa, Veracruz in Mexico/ Alabama, Arizona, Arkansas,

District of Columbia, Florida, Georgia, Louisiana, Maryland, Michigan, Mississippi, New Jersey, New York, North Carolina, Oklahoma, Pennsylvania, South Carolina, Tennessee, Texas, Virginia, West Virginia in USA).

Hosts: *Quercus houdirensis*, *Q. hypoleucoides*, *Q. marylandica*, *Q. nigra*, *Q. sapotaeifolia*, *Q.* spp. Notes: (3) Blackman 1931a: 232 (re-described).

References: (bv) Rexrode 1969; Rexrode & Jones 1972; Roling & Kearby 1975b, 1977; Turnbow & Franklin 1980. (cn) Anonymous 1971e; Blackman 1950; Chamberlin 1924; Doane et al. 1936; Dorsey et al. 1953; 419–420; Griswold 1955: 23–24; Hopkins 1903: 318; Rexrode & Jones 1971; Rexrode, Kulman, & Dorsey 1965; Roling & Kearby 1977; Swaine 1915a: 94. (cc) Burks 1979: 556; Bushing 1965: 465; Funk, D. W., Brooks, & Butler 1973; Griswold 1955: 23–24; Griswold & Bart 1954: 591; Griswold & Neiswander 1953: 208, 1954; Jewell 1956: 255; Marsh 1979: 150; Poinar 1975: 167; Rexrode 1969, 1976; Rexrode & Jones 1971, 1972; Rexrode, Jones, & Jones 1972; Rexrode, Kulman, & Dorsey 1965; Roling & Kearby 1977; Singh 1977: 101; Stambaugh et al. 1955: 867. (hb) Atkinson et al. 1956: 42; Baker, W. L. 1972: 256; Beal & Massey 1945: 122; Blackman 1922b: 99–100, 1950; Bright 1976d: 178; Burgos & Saucedo 1983: 113; Chamberlin 1939: 351; Doane et al. 1936; Hopkins 1904b: 314; Ostmark 1968; Rexrode 1969; Rexrode & Jones 1972; Rexrode, Jones, & Jones 1972; Rexrode & Krause 1968a; Rexrode, Kulman, & Dorsey 1965; Swaine 1915a: 94; Wood, S. L. 1982b: 979. (ds) Anonymous 1926c: 518; Atkinson & Equilna 1955c: 358; Atkinson et al. 1956: 42, 1991: 163; Baker, W. L. 1972: 256; Beal & Massey 1945: 122; Blackman 1922b: 99–100, 1925b: 145, 1931a: 224–233; Blatchley & Leng 1916: 629; Bright 1976d: 178; Burgos & Saucedo 1983: 113; Chamberlin 1939: 351; Deyrup 1981b: 8; Dorsey & Leach 1956: 220; Hagedorn 1910d: 73; Kirk 1969, 1970; Kleine 1913b: 140, 1914b: 384, 1934a: 162; Leng 1920: 341; Leonard 1928: 518; Norris 1955: 252; Ostmark 1968; Rexrode 1969; Rexrode & Jones 1972; Swaine 1909: 137; Turnbow & Franklin 1980; Wood, S. L. 1982b: 979. (tx) Beal & Massey 1945: 122; Blackman 1922b: 99–100, 1925b: 145, 1931a: 224–233; Blatchley & Leng 1916: 629; Bright 1976d: 178; Chamberlin 1939: 351; Drooz 1985: 363; Eichhoff 1878a: 390, 1878b: 395, 1896: 609–610; Hagedorn 1910a: 101; Schedl 1938a: 155; Swaine 1909: 137, 1918a: 93–94; Wood, S. L. 1973c: 185, 1982b: 979. (ms) Rexrode & Kranse 1968a.

tomentosus Eichhoff 1878b: 201 (*Pityoplthorus*). Holotype, sex?; America borealis [USA]; Hamburg Museum, lost. Synonymy: Blackman 1931a: 225.

References: (ds) Blatchley & Leng 1916: 630; Hagedorn 1910d: 7; Kleine 1913b: 140; Leng 1920: 341; Swaine 1909: 140. (tx) Blackman

1925b: 148, 1931: 224–233; Blatchley & Leng 1916: 630; Eichhoff 1878a: 390, 1878b: 201; Hagedorn 1910a: 101; Swaine 1909: 140.

querciperda Schwarz 1885a: 56 (*Pityoplthorus*). Syntypes, sex?; New York to Florida [USA]; USNM, Washington. Synonymy: Eichhoff 1896: 609.

References: (cn) Packard 1890: 93. (cc) Felt 1906: 702. (hb) Chittenden 1890; Felt 1906: 702; Packard 1890: 93; Pierce, W. D. 1907: 291; Schwarz 1885a: 56. (ds) Chittenden 1890; Henshaw 1887: 8, 1895: 44; Leng 1920: 341; Schwarz 1885a: 56; Smith, J. B. 1900: 362, 1910: 401; Swaine 1909: 137. (tx) Blackman 1931a: 224–231; Eichhoff 1896: 609–610; Schwarz 1885a: 56; Swaine 1909: 137, 1918: 94.

pulvereus Blackman 1931a: 232. Holotype ♂; Chiricahua Reserve, Arizona [USA]; USNM, Washington. Synonymy: Wood 1973c: 185.

References: (hb) Bright & Stark 1973: 102; Chamberlin 1939: 351. (ds) Bright & Stark 1973: 102; Chamberlin 1939: 351; Leng & Mutchler 1933: 95; Wood, S. L. 1960b: 69. (tx) Blackman 1931a: 232; Chamberlin 1939: 351; Wood, S. L. 1959b: 1; 1967d: 43, 1973c: 185.

tropicalis Wood 1967d: 43. Holotype ♂; Zamorano, Morazan, Honduras; Wood Collection. Synonymy: Wood 1967d: 43–44, 1973c: 185.

References: (tx) McNamara 1977: 199; Wood, S. L. 1967d: 43, 1973c: 185.

convexus Bright 1972c: 1672. Holotype ♂; 184 km S Oaxaca, Oaxaca, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 185.

References: (tx) Bright 1972c: 1672, 1675; McNamara 1977: 199; Wood, S. L. 1973c: 185.

pubescens Blackman 1931a: 229. Holotype ♂; Tryon, North Carolina [USA]; USNM, Washington. Distribution: North America (Maryland, North Carolina, Oklahoma, Virginia in USA).

Hosts: *Quercus alba*, *Q. borealis*, *Q. rubra*, one record from *Castanea dentata*.

References: (bv) Turnbow & Franklin 1980. (cn) Hopkins 1904a: 16. (hb) Baker, W. L. 1972: 256; Beal & Massey 1945. (ds) Atkinson et al. 1991: 163; Baker, W. L. 1972: 256; Beal & Massey 1945; Chamberlin 1939: 349; Drooz 1985: 363; Leng & Mutchler 1933: 95; Rexrode 1969: 307; Turnbow & Franklin 1980; Wood, S. L. 1982b: 974. (tx) Beal & Massey 1945; Blackman 1931a: 229; Chamberlin 1939: 349; McNamara 1984: 759; Wood, S. L. 1982b: 974.

pubipennis (LeConte) 1860: 59 (*Bostrichus*). Lectotype ♀; San Jose, California [USA]; MCZ, Cambridge, designated by Wood 1982b: 981.

Figures: Bright 1973: 161.

Distribution: North America (California, Oregon in USA).

Hosts: *Quercus agrifolia*, *Q. garryana*, *Q. kelloggii*.

Notes: (1) Swaine 1915a: 93 (to *Pseudopityophthorus*). (3) Blackman 1931a: 234 (re-described).

References: (cn) Anonymous 1960q, 1961p, 1963q, 1964m, 1964n, 1965b, 1965f; Currie 1905: 71; Doane et al. 1936; Essig 1926: 519, 1958: 519; Herbert 1936: 41; Hopkins 1904a: 16; Keen 1935: 132, 1952c: 169; Packard 1890: 93; Swaine 1915a: 93. (ce) Bushing 1965: 203; Keen 1935: 132; Marsh 1979: 15. (hb) Bright 1976d: 179; Bright & Stark 1973: 102; Chamberlin 1939: 352, 1958: Chittenden 1890; Doane et al. 1936; Essig 1926: 519, 1958: 519; Hopkins 1904a: 16; Keen 1935: 132, 1952c: 169; Packard 1890: 93; Pierce, W. D. 1907: 290; Swaine 1915a: 93. (ds) Anonymous 1961p, 1965b, 1965f; Blackwelder 1947: 782; Blandford 1904; Bright 1976d: 179; Bright & Stark 1973: 102; Chamberlin 1917: 354, 1939: 352, 1958; Chittenden 1890; Currie 1905: 71; Essig 1926: 519, 1958: 519; Furniss, R. L. & Carolin 1977: 402; Gemminger & Harold 1872: 2689; Hagedorn 1910d: 74; Henshaw 1882: 268, 1885: 147; Keen 1929a: 34, 1935: 132, 1949a: 93, 1952c: 169; Kleine 1913b: 140, 1914b: 391, 1934a: 162; Lacordaire 1866: 383; Leng 1920: 341; Patterson & Hatch 1945: 152; Wood, S. L. 1972a: 634, 1982b: 981. (tx) Benoit 1986: 36; Blackman 1928b: 148, 1931a: 224–235; Blandford 1904: 243; Bright & Stark 1973: 161, 1976d: 179; Chamberlin 1939: 352, 1958; Eggers 1930a: 159; Eichhoff 1878b: 197; Ferrari 1867: 17; Hagedorn 1910a: 101; Keen 1929a: 34; Lacordaire 1866: 383; LeConte 1857: 22, 59, 1860: 59, 1868: 156, 1876: 351; Schedl 1935a: 158; Swaine 1909: 137–138, 1915a: 93; Wood, S. L. 1972a: 425, 1982b: 981.

singularis Wood 1971: 50. Holotype ♂: 1 km W Las Vigas, Veracruz, Mexico; Wood Collection.
Distribution: North America (Chiapas, Veracruz in Mexico).

Hosts: *Quercus* sp.

References: (ds) Atkinson & Equilua 1985c: 358; Wood, S. L. 1982b: 973. (tx) Wood, S. L. 1971: 50, 1973c: 185, 1982b: 973.

acuminatus Bright 1972c: 1671. Holotype ♂: 13 km NE San Cristobal de las Casas, Chiapas, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 185.

References: (tx) Bright 1972c: 1669–1671; McNamara 1977: 198; Wood, S. L. 1973c: 185.

squamosus Bright 1972c: 1670. Holotype ♀: 14 km W La Ciudad, Durango, Mexico; CNCI, Ottawa.
Figures: Bright 1972c: 1669.

Distribution: North America (Durango, Sinaloa in Mexico).

Hosts: *Quercus* sp.

References: (ds) Atkinson & Equilua 1985c: 358; Wood, S. L. 1982b: 978. (tx) Bright 1972c: 1669–1670; McNamara 1977: 199; Wood, S. L. 1973c: 184, 1982b: 978.

tenuis Wood 1959b: 1. Holotype ♂: 18 km NE Jacala, Hidalgo, Mexico; SMUK, Lawrence.
Figures: Bright 1972c: 1669.

Distribution: North America (Chiapas, Hidalgo, Veracruz in Mexico).

Hosts: *Quercus* sp.

References: (hb) Wood, S. L. 1982b: 974. (ds) Bright 1972c: 1679; Thomas, J. B. 1966; Wood, S. L. 1982b: 974. (tx) Wood, S. L. 1959b: 1–2, 1973c: 185, 1982b: 974.

hirsutus Bright 1972c: 1668. Holotype ♂: 5 km SE Teopisca, Chiapas, Mexico; CNCI, Ottawa.
Synonymy: Wood 1973c: 185.

References: (tx) Bright 1972c: 1668–1669; McNamara 1977: 199; Wood, S. L. 1973c: 185.

cirilis Wood 1971: 50. Holotype ♂: 1 km W Las Vigas, Veracruz, Mexico; Wood Collection.

Distribution: North America (Hidalgo, Veracruz in Mexico).

Hosts: *Quercus* sp.

References: (hb) Wood, S. L. 1982b: 971. (ds) Atkinson & Equilua 1985c: 358; Wood, S. L. 1982b: 971. (tx) Wood, S. L. 1971: 50, 1982b: 971.

xalapae Wood 1987: 549. Holotype ♂: Xalapa, Veracruz, Mexico; Wood Collection.

Distribution: North America (Veracruz in Mexico).

Hosts: Presumably from *Quercus* sp.

References: (tx) Wood, S. L. 1987: 549.

garapaui Blackman 1931a: 233. Holotype ♂: Prescott National Forest, Arizona [USA]; USNM, Washington.

Distribution: North America (Chihuahua in Mexico/ Arizona, W Texas in USA).

Hosts: *Quercus griseus*, *Q. hypoleucoides*, *Q.* spp.
References: (hb) Chamberlin 1939: 352; Wood, S. L. 1982b: 982. (ds) Atkinson et al. 1991: 163; Chamberlin 1939: 352; Furniss, R. L. & Carolin 1977: 403; Leng & Mutchler 1933: 95; Wood, S. L. 1960b: 69, 1982b: 982. (tx) Blackman 1931a: 233; Chamberlin 1939: 352; Wood, S. L. 1959b: 1, 1960b: 69, 1982b: 982.

Genus *Pityophthorus* Eichhoff

PITYOPHTHORUS EICHHOFF 1864b: 39. Type-species: *Bostrichus lichtensteini* Ratzelburg, subsequent designation by Hopkins 1914: 127.

Trigonogenius Hagedorn 1912c: 354. Type-species: *Trigonogenius fallax* Hagedorn, monobasic, preoccupied by Solier 1849. Synonymy: Schedl 1952d: 347.

References: (tx) Hagedorn 1912c: 354; Lucas 1920: 683; Schedl 1952d: 347.

Hagedornius Lucas 1920: 683. Type-species: *Trigonogenius fallax* Hagedorn, automatic. Synonymy: Schedl 1952d: 347.

References: (tx) Lucas 1920: 683; Schedl 1952d: 347.

Myeloborus Blackman 1928b: 16. Type-species:

- Pityophthorus ramiperda* Swaine, original designation. Synonymy: Bright 1977: 511.
References: (tx) Arnett 1960: 1040, 1045, 1965: 1040, 1045; Blackman 1928b: 3–16, 1942a: 178, 199; Bright 1977: 511, 1978: 167; Bright & Stark 1973: 96; Chamberlin 1939: 335–343, 1958: 143; Craighead 1950: 331; Dodge 1938: 15, 41; Furniss & Carolin 1977: 398; Murayama 1963: 390; Sawamoto 1942: 166; Schedl 1935h: 342, 1937h: 165, 1938a: 159–167, 1959r: 42, 1964m: 311; Wood, S. L. 1961a: 47, 1972a: 424.
- Gnathophorus* Schedl 1935h: 342. Type-species: *Gnathophorus sparsopilosus* Schedl, preoccupied by Kirby 1837. Synonymy: Wood 1975b: 391.
References: (tx) Schedl 1935h: 342; Wood, S. L. 1962: 76, 1975b: 391.
- Conophthocranulus* Schedl 1935h: 343. Type-species: *Conophthocranulus blackman* Schedl, monobasic. Synonymy: Wood 1952b: 963.
References: (tx) Schedl 1935h: 343, 1937h: 165, 1938a: 160–168, 1950i: 146, 1955e: 258; Wood, S. L. 1952b: 963.
- Breviophthorus* Schedl 1938a: 176. Type-species: *Breviophthorus brasiliensis* Schedl, monobasic. Synonymy: Wood 1954b: 227.
References: (tx) Schedl 1938a: 160, 166, 176–177, 1958f: 33–46, 1959m: 545–557; Wood, S. L. 1954b: 227.
- Pityophthoroides* Blackman 1942a: 199. Type-species: *Pityophthoroides pudens* Blackman, original designation. Synonymy: Wood 1977b: 207.
References: (tx) Blackman 1942a: 178, 199; Schedl 1964m: 311; Wood, S. L. 1977b: 207.
- Cladoborus* Sawamoto 1942: 165. Type-species: *Cladoborus arakii* Sawamoto, monobasic. Synonymy: Bright 1977d: 511.
References: (tx) Bright 1977d: 511; Murayama 1963: 390; Sawamoto 1942: 165–167; Schedl 1959r: 421.
- Neomips* Schedl 1954b: 37. Type-species: *Neomips brasiliensis* Schedl = *Pityophthorus dimorphus* Schedl, monobasic. Synonymy: Wood 1954b: 227.
References: (tx) Schedl 1954b: 37; Wood, S. L. 1954b: 227.
- Ctenyophthorus* Schedl 1955g: 26. Type-species: *Ctenyophthorus glabratus* Schedl, monobasic. Synonymy: Bright 1977d: 511.
References: Bright 1977d: 511; Schedl 1955g: 26, 1963a: 162, 1964m: 311; Scherdtfleger 1957: 494–508.
- Gnathophthorus* Wood 1962: 76. Type-species: *Gnathophthorus sparsopilosus* Schedl, automatic. Synonymy: Wood 1975b: 391.
References: (tx) Wood, S. L. 1962: 76, 1975b: 391.
- Hypopythorus* Bright 1951d: 14. Type-species: *Pityophthorus inops* Wood, original designation. Synonymy: Wood 1953a: 648.
References: (tx) Bright 1951d: 14; Wood, S. L. 1953a: 648.
- Keys: Blackman 1928b for Canada and USA; Bright 1951d and Wood 1952b: 991 for North and Central America; Blandford 1904: 235 for Mexico and Central America; Pfeiffer 1976: 334 for Europe and part of Asia; Yin, Huang, & Li 1984: 119 for China.
- References: (ay) Fuchs 1912: 14–33; Nobuchi 1969a: 67; Van Ryn-Tournel 1975. (bv) Chow et al. 1958; Schedl 1960f: 11. (cn) Bess 1944: 14–16; Blackman 1950: 295–330; Caesar 1910: 17; Felt 1906: 372–373, 1924: 272; Furniss, R. L. & Carolin 1977: 401; Haddow & Newman 1942: 1–17; Harper & Lockwood 1959: 116–128; Keen 1925: 53–54; Kondo & Taylor 1985: 42; Parr 1943: 419; Schultz & Kliejumas 1951: Zivojinovic 1948: 65–73; Zolk 1935: 258–294. (cc) Ashraf & Barryman 1969: 13; Balazy & Michalski 1964a; McCain, Koehler, & Tjosvold 1987; Nickle 1976b; Tomalak, Welch, & Garroway 1989b. (hb) Bright 1951d; Bright & Stark 1973: 103; Escherich 1923: 446, 476–477, 555, 619; Fisher 1937: 118; Formanek 1907: 33, 37–38; Judeich & Nitsche 1895: 448, 451; Karpinski 1933: 290–302; Keen 1933: 297, 1953: 37, 154; Lengerken 1939: 68, 75–76; Lloyd 1908: 124; Lugger 1899: 299; Lyons 1957: 163; Muesebeck 1938: 251–257; Munro 1946: 7–8, 43, 63; Rice 1968: 53–56; Schedl 1962j: 1, 1977b: 106; Scheidter 1934; Scherdtfleger 1957: 494; Trappen 1935: 143; Wichmann 1927: 348, 362, 374; Wood, D. L. & Stark 1968: 147; Wood, S. L. 1952b: 991, 1956a: 95. (ds) Beeson 1941: 364, 366, 379; Bertolini 1872: 201; Blackwelder 1947: 781; Bright 1951d, 1952a: 127; Bright & Stark 1973: 103; Chamberlin 1917: 353–356, 1918: 15; Duffy 1953: 9, 14; Fowler 1882: 262; Hagedorn 1910d: 69–75; Jacobson 1927: 463–478; Kostin 1973: 261; Leng 1920: 341; Lugiioni 1929: 1000; Martin 1965: 40–43; Pfeiffer 1976: 324, 1989a: 62; Rio Mora 1955; Rohwer 1917: 151–176; Schedl 1934f: 1643, 1960f: 11, 34, 1962j: 7, 1966b: 41, 1981b: 76; Scheerpeltz & Winkler 1930: 258; Scherdlin 1914: 255, 1920: 206; Schilsky 1885: 121; Schwarz 1885: 40; Swaine 1909: 82, 133–134; Tredl 1907: 14; Van Dyke 1922: 180; Westhoff 1882: 238; Wood, S. L. 1952b: 991, 1986a: 98. (tx) Arnett 1960: 1040, 1045, 1968: 1040, 1045; Baker, W. L. 1972: 254; Balachowsky 1949a: 232; Barbey 1901: 74; Beal & Massey 1945: 125, 135; Bedel 1885b: 396, 398; Blackman 1922b: 77, 100–102, 1928b: 1–183, 1932: 264–265, 1942a: 177, 1943: 24; Blandford 1891: 15–16, 1894b: 260, 1894d: 55, 57, 1895b: 51, 54–56, 1897a: 183–184, 1904: 231–237; Blatchley & Leng 1916: 627–628; Bright 1968c: 604–608, 1972d: 86–87, 1976d: 179, 1977: 511, 1978, 1981d: 1–377; Bright & Stark 1973: 103;

- Chamberlin 1939: 353–402, 1955: 146–148; Choo 1953: 75; Choo, Woo, & Nobuchi 1958b; Costa Lima 1929: 111–112; Dodge 1938: 15, 19, 42–43; Eggers 1914: 153, 1937: 80, 1940a: 123–141, 1940b: 99–108; Eichhoff 1864: 39, 1872b: 137, 1875b: 35, 47, 49, 173, 476, 1881a: 49, 192, 1883a: 107, 110; Ferrari 1867a: 32–35, 1867b: 114; Feytaud 1950: 9; Hagedorn 1906: 116, 1907: 260, 1909: 135, 1910a: 55–59, 99–101, 1912: 354, 1913a: 29, 1913b: 253; Hopkins 1914: 127, 134, 1915c: 173–226; Hopping 1922: 125–134; Keen 1955: 95, 159–164; Krivolitskaya 1955: 163; Kurenzov 1941: 71, 180; Lacordaire 1866: 373, 381–382; LeConte 1876: 347, 349–352; LeConte & Horn 1883: 517; Lekander 1962: 431; Lindemann 1876: 148–168, 345; Murayama 1953: 11, 1957: 590, 1963c: 375; Niisima 1911: 1, 1917: 1; Numberg 1954: 6, 11, 68; Nusslin 1898: 281, 1911, 1912; Pfeiffer 1940: 107–127, 1946: 113, 1962: 240, 244, 1976: 324; Redtenbacher 1874: 379; Reitter 1869: 154, 1894: 68, 75–76, 1906: 711, 1913a: 92, 1916: 297; Rio Mora 1985: Saalas 1914: 74, 86; Sawamoto 1942: 166; Schedl 1930: 195–199, 1931: 163–168, 1935j: 342–343, 1936h: 59, 1935a: 158–183, 1940a: 348, 1951m: 114, 1952d: 347, 1954b: 37, 1955g: 4, 1956a: 31, 1957d: 77, 1958d: 187–193, 1958k: 144, 1959m: 545, 557, 1960i: 106, 1961i: 224, 1962j: 104, 1963h: 264–265, 1964m: 310–311, 1965f: 3–15, 1969c: 157, 1970e: 93, 1977b: 106, 1981b: 76; Schimitschek 1937: 50–55; Sedlacek 1935: 155, 157; Spessivtsev 1922: 487, 1929: 297–303, 1931: 89; Stark 1952: 340–349; Stebbing 1914: 551; Swaine 1909: 133–134, 1913: 41–43, 87–92, 1918a: 46, 94; Stresemann et al. 1989: 351; Wachtl 1876: 460; Watson 1928: 629; Wood, S. L. 1961a: 48, 1967d: 37–57, 1972a: 435, 1975b: 391, 1977b: 207, 1982b: 991–1140, 1986a: 95.
- abbreviatus** Schedl 1972g: 63. Holotype ♂?; Brasil, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1972g: 63.
- abiagnus** Wood 1964: 67. Holotype ♀; 7 km W Rio Frio, Mexico. Mexico; Wood Collection.
Distribution: North America (Jalisco, Mexico, Oaxaca, Puebla, Tlaxcala in Mexico).
Hosts: *Abies religiosa* limbs.
References: (hb) Atkinson et al. 1986: 36; Burgos & Saucedo 1983: 121; Wood, S. L. 1982b: 1097. (ds) Atkinson & Equihua 1985a: 94; Atkinson et al. 1986: 36; Bright 1981d: 165; Burgos & Saucedo 1983: 121; Wood, S. L. 1964: 67, 1982b: 1097. (tx) Bright 1981d: 165; Schedl 1979c: 8; Wood, S. L. 1964: 67.
- abietinus** Wood 1989: 178. Lectotype, sex?, S Coast (Primorsky) Region, Voroshilovsk district; ISBN, Novosibirsk, designated by Michalsky 1969a: 895, automatic.
Distribution: Asia (E USSR).
Hosts: *Abies holophylla*.
References: (tx) Wood, S. L. 1989: 178–179.
- abietis** Kurenzov 1941: 179, 234. Lectotype, sex?, S Coast (Primorsky) Region, Voroshilovsk district; ISBN, Novosibirsk, designated by Michalsky 1969a: 895, preoccupied by Blackman 1928.
References: (hb) Karpinski 1949: 129; Krivolitskaya 1956: 838; Kurenzov 1948b: 102, 1950d: 225; Stark 1952: 357. (ds) Kleine 1934a: 155; Krivolitskaya 1956: 838; Pfeiffer 1976: 340; Stark 1952: 357. (tx) Krivolitskaya 1956: 838; Kurenzov 1941a: 179, 234, 1948b: 102, 1956: 118; Michalski 1969a: 895; Numberg 1956: 208; Pfeiffer 1976: 340; Stark 1952: 357; Wood, S. L. 1989: 179.
- sibiricus** Numberg 1956: 208. Lectotype, sex?, S Coast (Primorsky) Region, Voroshilovsk district; ISBN, Novosibirsk, designated by Michalsky 1969a: 895, automatic, preoccupied by Stark 1952.
References: (ds) Krivolitskaya 1953; Yanovskii & Tegshzhargal 1955: 410. (tx) Michalski 1969b: 569; Numberg 1956: 208; Wood, S. L. 1989: 179.
- ablusus** Bright 1985b: 476. Holotype ♀; Mexico; Pacluca, Edo. Hgo; CNCI, Ottawa.
Distribution: North America (Hidalgo in Mexico).
Hosts: *Zexmenia* sp.
References: (tx) Bright 1985b: 476.
- abnormalis** Bright 1972d: 58. Holotype ♀; Duncans, Trelawny Parish, Jamaica; CNCI, Ottawa.
Figures: Bright 1972d: 19, 59.
Distribution: Antilles Islands (Jamaica).
References: (ds) Bright 1985c: 176. (tx) Bright 1972d: 19, 59, 58, 1985c: 176; McNamara 1977: 197.
- absonus** Blackman 1928b: 35. Holotype ♀; Mineral King, California [USA]; USNM, Washington.
Figures: Bright 1981d: 362.
Distribution: North America (Alberta, British Columbia in Canada/ California, Colorado, Montana, Nevada, New Mexico, Utah in USA).
Hosts: *Abies lasiocarpa*, *Pinus albicaulis*, *P. aristata*, *P. balfouriana*, *P. contorta*, *P. flexilis*, *P. monticola*.
References: (cc) Stephen & Dahlsten 1976b: 292. (hb) Bright & Stark 1973: 107; Chamberlin 1939: 357. (ds) Bright 1981d: 230; Bright & Stark 1982b: 1037; Chamberlin 1939: 357; Evans, D. 1983: 34; Furniss, M. M. & Johnson 1987: 377; Gast et al. 1989: 385; Keen 1929a: 32; Kleine 1934a: 158; Leng & Mutchler 1933: 52. (tx) Blackman 1928b: 35; Bright 1977: 513, 1981d: 230, 362; Chamberlin 1939: 357; Evans, D. 1983: 34; Keen 1929a: 32; Wood, S. L. 1982b: 1037.
- demissus** Blackman 1928b: 74. Holotype ♀; Glacier National Park, Montana [USA]; USNM, Washington. Synonymy: Bright 1977: 513.

References: **(hb)** Chamberlin 1939: 377, 1958; **(ds)** Chamberlin 1939: 377, 1958; Keen 1929a: 32; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1948: 52, 1951a: 128, 1972a: 425. **(tx)** Blackman 1928b: 74; Bright 1977: 513; Chamberlin 1939: 377, 1958: 152; Keen 1929a: 32; Wood, S. L. 1972a: 425.

inyoensis Bright 1971b: 65. Holotype ♀; 2 km S Onion Valley, Inyo Co., California [USA]; CNCI, Ottawa. Synonymy: Bright 1977: 513. References: **(hb)** Bright & Stark 1973: 110. **(ds)** Bright & Stark 1973: 110. **(tx)** Bright 1971b: 65–66, 1977: 513; McNamara 1977: 195.

abstrusus Bright 1976c: 427. Holotype ♀; 40 km W Orizaba, Veracruz, Mexico; CNCI, Ottawa. Distribution: North America (Durango, Veracruz in Mexico).

Hosts: *Pinus ayacahuite*, *P.* sp.

References: **(ds)** Bright 1981d: 232; Wood, S. L. 1982b: 1034. **(tx)** Bright 1976c: 427, 1981d: 232; McNamara 1984: 754; Wood, S. L. 1982b: 1034.

aciculatus Bright 1977: 519. Holotype ♀; San Cristobal, Huehuetenango, Guatemala; Wood Collection.

Figures: Bright 1981d: 347.

Distribution: North America (Guatemala/ Mexico in Mexico).

Hosts: *Pinus leiophylla*, *P. pseudostrobus*.

References: **(hb)** Atkinson et al. 1986: 36; Burgos & Sancedo 1983: 117. **(ds)** Atkinson & Equihua 1985a: 94, 1988: 94; Atkinson et al. 1986: 36; Bright 1981d: 139; Burgos & Sancedo 1983: 117; Wood, S. L. 1982b: 1049. **(tx)** Bright 1977: 519, 1981d: 139, 347; McNamara 1984: 754; Wood, S. L. 1982b: 1049.

acuminatus (Schedl) 1940a: 346 (*Neopityophthorus*). Syntypes ♀; Tuxtepec, Oaxaca and Finca la Florida, Chiapas, Mexico; Schedl Collection in NHMW, Wien, and Dampf Collection.

Distribution: North America (Honduras/ Campeche, Chiapas, Oaxaca, Tabasco in Mexico).

Hosts: Log phloem.

Notes: (1) Bright 1981d: 18 (to *Pityophthorus*). References: **(ds)** Estrada & Atkinson 1988: 212; Wood, S. L. 1982b: 1134. **(tx)** Bright 1981d: 18; Schedl 1940a: 346–347, 1979c: 11; Wood, S. L. 1982b: 1134.

acutus Blackman 1928b: 134. Holotype ♀; Kaibab N.F., Arizona [USA]; USNM, Washington.

Figures: Bright 1981d: 373.

Distribution: North America (Arizona, Colorado, New Mexico, Utah in USA).

Hosts: *Pinus flexilis*, *P. leiophylla*, *P. ponderosae*, *P. strobiformis*, rare in *Pseudotsuga menziesii*.

References: **(cn)** Blackman 1931c. **(ec)** Blackman 1931c. **(hb)** Blackman 1931c; Bright 1981d: 321; Chamberlin 1939: 398. **(ds)** Bright 1981d: 321; Chamberlin 1939: 398; Keen 1929a: 33; Kleine 1934a: 158; Leng & Mutchler 1933: 52. **(tx)**

Blackman 1928b: 116, 134–136; Bright 1981d: 321, 373; Chamberlin 1939: 398; Keen 1929a: 33; Wood, S. L. 1982b: 111.

africanulus Wood 1992b: 79. Holotype, sex?: Congo; Mayumbe; MRCB, Tervuren, automatic.

Distribution: Africa (Mozaunbique/Zaire).

Hosts: *Klainedoxa gabonensis*.

References: **(tx)** Schedl 1962k: 1079; Wood 1992b: 79.

africanus Schedl 1962k: 1079 (*Neodryocoetes*). Holotype, sex?: Congo; Mayumbe; MRCB, Tervuren, preoccupied by Eggers 1927.

References: **(tx)** Schedl 1962k: 1079; Wood, S. L. 1992b: 79.

africanus Eggers 1927a: 184. Holotype, sex?: Kirumba bei Muansa, Ost-Africa; Methner Collection in MNB, Berlin.

Distribution: Africa (Tanzania/Zaire).

Hosts: *Klainedoxa gabonensis*.

References: **(hb)** Schedl 1962j: 4. **(ds)** Schedl 1962j: 4. **(tx)** Eggers 1927a: 184; Schedl 1953d: 69, 1961e: 143, 1962j: 4, 1962k: 1079, 1979c: 15.

alienus Eichhoff 1872b: 135. Holotype, sex?: Brasilia; Hamburg Museum, lost.

Distribution: South America (Brazil).

References: **(ds)** Blackwelder 1947: 781; Gemminger & Harold 1872: 2688; Hagedorn 1910d: 70; Kleine 1913b: 140, 1914b: 336. **(tx)** Eichhoff 1872b: 135, 1878b: 192; Hagedorn 1910a: 100.

alni Blackman 1942a: 209. Holotype ♀; Mexico, Veracruz, Jalapa; USNM, Washington.

Distribution: North America (Hidalgo, Veracruz in Mexico).

Hosts: *Alnus* sp.

References: **(hb)** Atkinson & Equihua 1985c: 359. **(ds)** Atkinson & Equihua 1985c: 359; Blackwelder 1947: 781; Bright 1981d: 93; Wood, S. L. 1982b: 1027. **(tx)** Blackman 1942a: 209–210; Bright 1981d: 93; McNamara 1984: 754; Wood, S. L. 1982b: 1027.

alnicolens Wood 1977b: 213. Holotype ♂?; Highway 131, 184 km S Oaxaca, Oaxaca, Mexico; CNCI, Ottawa.

Distribution: North America (Oaxaca in Mexico).

Hosts: *Alnus* sp.

References: **(ds)** Bright 1981d: 94; Wood, S. L. 1982b: 1027. **(tx)** Bright 1981d: 94; Wood, S. L. 1977b: 213, 1982b: 1027.

alpinensis Hopping, G. 1960a: 865. Holotype ♀; Highwood Pass, Alberta [Canada]; CNCI, Ottawa.

Figures: Hopping 1960a: 866 (adult), Kusch 1967: 10. Distribution: North America (Alberta in Canada/ Idaho, Montana in USA).

Hosts: *Larix lyallii*.

References: **(cn)** Baranyay & Stevenson 1966: 55; Hopping 1960b: 258. **(hb)** Gast et al. 1989: 384. **(ds)** Baranyay & Stevenson 1966: 55; Bright

- 1976d: 150, 1981d: 132; Gast et al. 1989: 354; Hopping 1960b: 255; Kusch 1967; Wood, S. L. 1952b: 1054. **(tx)** Bright 1977: 516, 1981d: 132; Hopping 1960a: 565–567; Kusch 1967: 10; Wood, S. L. 1964: 59, 1982b: 1054.
- alvarengai** Schedl 1972g: 63. Holotype ♂; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: **(tx)** Schedl 1972g: 63, 1979e: 17.
- amiculus** Wood 1975b: 398. Holotype ♂; Guapiles, Limon, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica/ Veracruz in Mexico).
Hosts: Liana.
References: **(ds)** Bright 1981d: 97; Wood, S. L. 1982b: 1030. **(tx)** Bright 1981d: 97; McNamara 1984: 754; Wood, S. L. 1975b: 398, 1982b: 1030.
- amoenus** Blandford 1904: 237. Holotype ♀; Duenas, Guatemala; BMNH, London.
Distribution: North America (Guatemala).
References: **(ds)** Blackwelder 1947: 781; Bright 1981d: 45; Hagedorn 1910d: 70; Kleine 1913b: 140, 1914b: 362; Wood, S. L. 1982b: 1062. **(tx)** Blackman 1942a: 218; Blandford 1904: 237; Bright 1981d: 45; Hagedorn 1910a: 100; Schedl 1955g: 17; Wood, S. L. 1982b: 1062.
- amplus** (Blackman) 1928b: 18 (*Myeloborus*). Holotype ♀; Kaibab N.P., Arizona [USA]; USNM, Washington.
Distribution: North America (Arizona, S Nevada, New Mexico in USA).
Hosts: *Pinus flexilis*, *P. ponderosa*, *P. strobiformis*.
Notes: (1) Bright 1977: 511 (to *Pityoplthorus*).
References: **(cn)** Doane et al. 1936. **(hb)** Chamberlin 1939: 339; Doane et al. 1936. **(ds)** Bright 1981d: 203; Chamberlin 1939: 339; Furniss, R. L. & Carolin 1977: 398; Keen 1929a: 31; Leng & Mutchler 1933: 53; Wood, S. L. 1982b: 1044. **(tx)** Blackman 1928b: 3–6, 15; Bright 1977: 511, 1981d: 203; Chamberlin 1939: 339; Keen 1929a: 31; McNamara 1984: 753; Wood, S. L. 1982b: 1044.
- angustus** Blackman 1928b: 83. Holotype ♀; Cranberry Lake, New York [USA]; USNM, Washington.
Distribution: North America (New Brunswick, Nova Scotia, Ontario in Canada/ New York, North Carolina in USA).
Hosts: *Abies balsamea*, *Picea rubens*, *Pinus strobus*.
Notes: (3) Bright 1981d: 182 (This name was treated as a synonym of *balsameus*).
References: **(cn)** Blackman 1950. **(hb)** Blackman 1950. **(ds)** Blackman 1950; Bright 1976d: 185; Chamberlin 1939: 380; Kleine 1934a: 158; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 83–84; Chamberlin 1939: 380; de Ruelle 1970: 107; Wood, S. L. 1982b: 1077.
- annectens** LeConte 1878b: 622. Lectotype ♀; Tampa, Florida [USA]; MCZ, Cambridge, designated by Bright 1976: 185.
Figures: Blackman 1922b: pl. 9, fig. 47, Bright 1981d: 371.
Distribution: Antilles Islands (Andros Island/ Bahamas Islands), North America (Belize/ Chiapas (?), Durango, Hidalgo, Jalisco, Mexico, Michoacan in Mexico/ Alabama, Arizona, Arkansas, Florida, Georgia, Illinois, Louisiana, Mississippi, New Mexico, North Carolina, South Carolina, E Texas, Virginia, West Virginia in USA).
Hosts: *Pinus ayacahuite*, *P. caribaea*, *P. edulis*, *P. elliotii*, *P. engelmannii*, *P. lawsonii*, *P. leiophylla*, *P. palustris*, *P. ponderosa*, *P. resinosa*, *P. taeda*, *P.* spp.
Notes: (3) Blackman 1928b: 138 (redescribed).
References: **(bv)** Dixon & Payne 1979b; Jacobson 1972; Timbow & Franklin 1950; Vite 1965: 267; Vite, Gara, & von Scheller 1964: 461–470; Vite & Pitman 1967: 683–701. **(cn)** Blackman 1950; Packard 1890: 715; Swaine 1918a: 104. **(cc)** Dixon & Payne 1979b; Felt 1906: 751; Kinn 1983a; Schwarz 1889a: 164. **(hb)** Atkinson et al. 1986: 36; Baker, W. L. 1972: 255; Beal & Massey 1945: 136; Blackman 1922b: 109–110, 1950; Bright 1981d: 293; Chamberlin 1939: 400; Chittenden 1890; Deyrup & Atkinson 1987a: 66; Felt 1906: 751; Ostmark 1968; Packard 1890: 715; Swaine 1918a: 104. **(ds)** Atkinson et al. 1986: 36, 1991: 162; Baker, W. L. 1972: 255; Beal & Massey 1945: 136; Blackman 1922b: 109–110, 1950; Blatchley & Leng 1916: 631; Bright 1981d: 293; Chamberlin 1925, 1939: 400; Chittenden 1890; Deyrup & Atkinson 1987a: 66; Drooz 1985: 364; Hagedorn 1910d: 70; Henshaw 1882: 268, 1885: 147; Hubbard & Schwarz 1878b: 622; Kirk 1970; Kleine 1913b: 140, 1914b: 383, 1934a: 158; Leng 1920: 341; Ostmark 1968; Rio Mora 1985: 14; Schwarz 1889a: 164, 1891c: 357; Swaine 1909: 133; Timbow & Franklin 1980; Weber, B. C. & McPherson 1991: 54; Ulke 1902: 56; Wood, S. L. 1982b: 1101. **(tx)** Beal & Massey 1945: 136; Blackman 1922b: 109–110, 1928b: 117, 138; Blatchley & Leng 1916: 631; Bright 1976b: 185, 1981d: 293, 371; Chamberlin 1939: 400; Hagedorn 1910a: 100; LeConte 1878b: 622; Schedl 1955g: 25; Schwarz 1889: 163–164, 1891a: 167, 1891c: 357; Swaine 1909: 133–134, 1918a: 104; Wood, S. L. 1977d: 514, 1982b: 1101.
- citus** Blackman 1928b: 137. Holotype ♀; Chiricahua Mts., Arizona [USA]; USNM, Washington. Synonymy: Wood 1977d: 514.
References: **(hb)** Chamberlin 1939: 399. **(ds)** Chamberlin 1939: 399; Keen 1929a: 34; Kleine 1934a: 159; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 137; Chamberlin 1939: 399; Keen 1929a: 34; Wood, S. L. 1977d: 514.
- anthracinus** Bright 1976c: 428. Holotype ♀; Cerro Potosi, Nuevo Leon, Mexico; Wood Collection.

- Distribution: North America (Nuevo Leon, Tlaxcala in Mexico).
Hosts: *Abies religiosa*.
References: (hb) Bright 1981d: 317, (ds) Bright 1981d: 317; Wood, S. L. 1982b: 1087, (tx) Bright 1976c: 428, 1981d: 317; McNamara 1984: 754; Wood, S. L. 1982b: 1087.
- anticus** Schedl 1976a: 66. Holotype ♂; Brasilien, Rio Negro; Schedl Collection in NHMW, Wien. Figures: Pedrosa-Macedo & Schonherr 1985: 52. Distribution: South America (Brazil).
Hosts: *Araucaria angustifolia*, *Pinus elliottii*.
References: (ds) Pedrosa-Macedo & Schonherr 1985: 52; Schonherr & Pedrosa-Macedo 1981: 53, (tx) Pedrosa-Macedo & Schonherr 1985: 52; Schedl 1976a: 66.
- antillicus** Bright 1981c: 162. Holotype ♀; Jarabacoa, Dominican Republic, Hopk US 32062-G; USNM, Washington. Distribution: Antilles Islands (Dominican Republic in Hispanola).
Hosts: *Pinus occidentalis*.
References: (bv) Haack et al. 1989, (cc) Haack et al. 1989, (hb) Haack et al. 1989, (ds) Bright 1985c: 176, (tx) Bright 1981c: 162, 1985c: 176.
- apachae** Bright 1977: 520. Holotype ♀; Rustler's Park, Chiricahua Mts., Arizona [USA]; Wood Collection. Distribution: North America (Arizona in USA).
Hosts: *Abies concolor*.
References: (ds) Bright 1981d: 241; Wood, S. L. 1982b: 1070, (tx) Bright 1977: 520, 1981d: 241; McNamara 1984: 754; Wood, S. L. 1982b: 1070.
- apicenotatus** Schedl 1976a: 66. Holotype, sex?; Cachimbo, BA, Brasil; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 66.
- apicipennis** Schedl 1976a: 67. Holotype ♂; Serra do Caraca, Minas Gerais, Brasil; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 67.
- apiculatus** Schedl 1937h: 167. Holotype ♀; Nova Teutonia [Brazil]; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 751; Schedl 1966f: 86, (tx) Schedl 1937h: 167-168, 1938a: 183, 1979c: 23.
- aquilus** Blackman 1928b: 33. Holotype ♀; Kaibab N.F., Arizona [USA]; USNM, Washington. Figures: Bright 1981d: 361. Distribution: North America (Alberta, British Columbia, Saskatchewan in Canada/Arizona, California, Colorado, Montana, New Mexico, South Dakota, Utah, Wyoming in USA).
Hosts: *Picea engelmannii* (rare), *Pinus albicaulis*, *P. aristata*, *P. contorta*, *P. flexilis*, *P. ponderosa*.
References: (cn) Loomis, Hofacker, & Tucker 1986; Raimo 1985, (hb) Bright 1981d: 224; Chamberlin 1939: 358; Furniss, M. M. & Johnson 1987: 377, (ds) Bright 1981d: 224; Chamberlin 1939: 358; Evans, D., Lowe, & Hunt 1978; Furniss, M. M. & Johnson 1987: 377; Cast et al. 1989: 385; Keen 1929a: 32; Kleine 1934a: 158; Leng & Mutchler 1933: 52; Wood, S. L. 1948: 52, 1951a: 128, 1982b: 1064, (tx) Blackman 1928b: 30-34; Bright 1977: 514, 1981d: 224, 361; Chamberlin 1939: 358; Keen 1929a: 32; de Ruelle 1970: 108; Wood, S. L. 1977b: 209, 1982b: 1064.
- caclator** Blackman 1928b: 78. Holotype ♀; Black Hills, South Dakota [USA]; USNM, Washington. Synonymy: Bright 1977: 514.
References: (cn) Blackman 1931c, (cc) Blackman 1931c, (hb) Blackman 1931c; Chamberlin 1939: 378, (ds) Chamberlin 1939: 378; Keen 1929a: 32; Kleine 1934a: 159; Leng & Mutchler 1933: 52, (tx) Blackman 1928b: 62, 78-79; Bright 1977: 514; Chamberlin 1939: 378; Keen 1929a: 32; de Ruelle 1970: 108.
- aristatae** Bright 1964: 166. Holotype ♀; Crooked Creek, White Mts., Mono County, California [USA]; CAS, San Francisco. Synonymy: Bright 1971b: 67.
References: (tx) Bright 1964: 166, 168, 1971b: 67, 1977: 514.
- arakii** (Sawamoto) 1942: 167 (*Cladoborus*). Syn-types ♂ ♀; Hokkaido (Kutchan); Entomological Institute, Imperial Hokkaido University and Sawamoto Collection. Distribution: Asia (Japan).
Hosts: *Picea excelsa*.
Notes: (1) Bright 1977: 511 (to *Pityophthorus*).
References: (ds) Murayama 1954b: 201, (tx) Bright 1977: 511; Murayama 1954b: 201, 1963c: 391; Nobuchi 1981c: 29; Sawamoto 1942: 167; Schedl 1959: 42.
- arcamus** Bright 1976c: 429. Holotype ♀; Bear Canyon, Santa Catalina Mts., Santa Cruz Co., Arizona [USA]; CNCL, Ottawa. Figures: Bright 1981d: 335. Distribution: North America (Arizona, Nevada, W Texas in USA).
Hosts: *Pinus cembroides*, *P. monophylla*, *P. ponderosa*, 1 series from *Pseudotsuga menziesii*.
References: (ds) Bright 1981d: 35; Wood, S. L. 1982b: 1110, (tx) Bright 1976c: 429, 1981d: 35, 335; McNamara 1984: 754; Wood, S. L. 1982b: 1110.
- arceuthobii** Wood 1971: 48. Holotype ♀; 96 km W Durango, Durango, Mexico; Wood Collection. Distribution: North America (Durango, Mexico in Mexico).
Hosts: *Arceuthobium globosum* (parasite on *Pinus montezumae*).

- References: **(ds)** Atkinson & Equihua 1955a: 96; Bright 1981d: 242; Wood, S. L. 1982b: 1046. **(tx)** Bright 1981d: 242; Wood, S. L. 1971: 48, 1982b: 1046.
- argentinensis** Eggers 1951: 150. Lectotype, sex?: Argentinien (Salta); USNM, Washington.
Distribution: South America (Argentina/ Brazil).
References: **(hb)** Viana 1964: 125. **(ds)** Schedl 1967d: 2; Viana 1964: 125. **(tx)** Anderson, W. H. & Anderson 1971: 4; Eggers 1951: 150; Schedl 1935i: 28, 1951h: 285, 1955f: 35, 1979c: 25.
- argentinae** (Schedl) 1958f: 44 (*Breviophthorus*).
Syntypes, sex?: Argentinien: Misiones, Dep. Concepción, Sta. Maria; Schedl Collection in NHMW, Wien and Viana Collection.
Distribution: South America (Argentina).
Notes: (1) Schedl 1979c: 25 (citation of holotype invalid).
References: **(tx)** Schedl 1958f: 44, 1970e: 93, 1979c: 25.
- ascendens** Schedl 1972g: 64. Holotype ♀; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: **(tx)** Schedl 1972g: 64, 1979c: 27.
- ashanti** Schedl 1972e: 291. Holotype ♀; Ghana, Ashanti Region, Kwadaso, 320 m, N 6 42, W 1 39; NHMB, Budapest.
Distribution: Africa (Ghana).
References: **(tx)** Schedl 1972e: 291, 1979c: 28.
- assitus** Wood 1977b: 214. Holotype ♀; Lagos des Colores, Chiapas, Mexico, 1300 m; CNCI, Ottawa.
Distribution: North America (Chiapas, Oaxaca in Mexico).
References: **(ds)** Bright 1981d: 50; Wood, S. L. 1982b: 1129. **(tx)** Bright 1981d: 50; Wood, S. L. 1977b: 214, 1982b: 1129.
- aterrimus** Eggers 1931b: 31. Holotype, sex?: Brasilien (Sao Paulo); Eggers Collection [not mentioned by Anderson & Anderson 1971 or Schedl 1979c], not in NHMW, Wien.
Distribution: South America (Brazil).
References: **(ds)** Blackwelder 1947: 781. **(tx)** Eggers 1931b: 31.
- atkinsoni** Bright 1985a: 467. Holotype ♀; Mexico: Cardonal (Cerca Imiquilpan), Edo. Hidalgo; CNCI, Ottawa.
Distribution: North America (Hidalgo in Mexico).
Hosts: *Flouenciana resinosa*.
References: **(tx)** Bright 1985a: 467.
- atomus** Wood 1964: 61. Holotype ♀; Veracruz, Veracruz, Mexico; Wood Collection.
Distribution: North America (Hidalgo, Jalisco, Michoacan, Oaxaca, Veracruz in Mexico).
Hosts: Shrub.
References: **(ds)** Bright 1981d: 44, 1986b: 682; Wood, S. L. 1982b: 1137. **(tx)** Bright 1981d: 44; McNamara 1977: 197; Wood, S. L. 1964: 61, 1982b: 1137.
- attenuatus** Blackman 1942a: 222. Holotype ♀; Mexico; USNM, Washington.
Figures: Bright 1981d: 336.
Distribution: North America (El Salvador/ Guatemala/ Hidalgo, Jalisco, Michoacan in Mexico).
Hosts: Compositae shrub.
References: **(hb)** Atkinson et al. 1986: 36; Burgos & Saucedo 1983: 124. **(ds)** Atkinson et al. 1986: 36; Blackwelder 1947: 781; Bright 1981d: 45; Burgos & Saucedo 1983: 124; Schedl 1977c: 42; Wood, S. L. 1982b: 1136. **(tx)** Blackman 1942a: 222; Bright 1981d: 45, 336; McNamara 1984: 754; Wood, S. L. 1978b: 397, 1982b: 1136.
- pusillus** Wood 1964: 62. Holotype ♀; 14 km S Zimapan, Hidalgo, Mexico; Wood Collection.
Synonymy: Wood 1978b: 397.
References: **(tx)** McNamara 1977: 198; Wood, S. L. 1964: 62, 1978b: 397.
- aztecus** Bright 1977: 520. Holotype ♀; Km 50 Mexico-Puebla [Highway], Mexico; USNM, Washington.
Figures: Bright 1981d: 340.
Distribution: North America (Coahuila, Mexico, Veracruz in Mexico).
Hosts: *Pinus* sp. branches.
References: **(hb)** Atkinson et al. 1986: 37; Burgos & Saucedo 1983: 115. **(ds)** Atkinson & Equihua 1985a: 92, 1988: 94; Atkinson et al. 1986: 37; Bright 1981d: 90; Burgos & Saucedo 1983: 115; Wood, S. L. 1982b: 1046. **(tx)** Bright 1977: 520, 1981d: 90, 340; McNamara 1984: 754; Wood, S. L. 1982b: 1046.
- balcanicus** Pfeffer 1940b: 123. Syntypes, sex?: Bulgaria near Sofia; Serbia, Demir Kapija, Kozuf Planina Boanina; Zavidovic, Hercegovina, Albania; Ilgora; Pfeffer Collection in Prague Museum.
Distribution: Europe (Albania/ Bulgaria/ Yugoslavia).
Hosts: *Pinus heldreichii*, *P. nigra*.
References: **(bv)** Grune 1979: 121. **(ds)** Grune 1979: 121; Pfeffer 1976: 340, 1984: 277; Postner 1974: 437. **(tx)** Grune 1979: 121; Pfeffer 1940b: 109, 113, 123, 1955a: 211, 1964m: 312, 1976: 340; Postner 1974: 437.
- balsameus** Blackman 1922c: 119. Holotype ♀; Orono, Maine [USA]; USNM, Washington.
Figures: Blackman 1922c: figs. 20–21, Bright 1981d: 355.
Distribution: North America (New Brunswick, Nova Scotia in Canada/ Maine, Michigan, Minnesota, New Hampshire, New York, North Carolina, West Virginia, Wisconsin in USA).
Hosts: *Abies balsamea*, *Picea glauca*, *P. sp.*, *Pinus banksiana*, *P. resinosa*, *P. strobus*.
References: **(en)** Blackman 1950. **(cc)** Bnshing 1965: 464; Marsh 1979: 158; Matthews 1970. **(hb)** Baker, W. L. 1972: 255; Blackman 1950; Chamberlin 1939: 381. **(ds)** Baker, W. L. 1972: 255;

- Blackman 1950; Bright 1976d: 185, 1981d: 181; Chamberlin 1939: 381; Drooz 1985: 364; Kleine 1934a: 158; Leng & Mutchler 1927: 52; Wood, S. L. 1982b: 1076. **(tx)** Blackman 1922c: 119–120, 1928b: 63, 88; Bright 1981d: 181, 355; Chamberlin 1939: 381; Wood, S. L. 1977d: 514, 1982b: 1076. *patehii* Blackman 1922c: 120. Holotype ♀; Orono, Maine [USA]; USNM, Washington. Synonymy: Wood 1977d: 514.
References: **(cn)** Blackman 1950, **(hb)** Baker, W. L. 1972: 255; Blackman 1950; Chamberlin 1939: 379, **(ds)** Baker, W. L. 1972: 255; Blackman 1950; Bright 1976d: 187; Chamberlin 1925, 1939: 379; Kleine 1934a: 161; Leng & Mutchler 1927: 52; Proctor 1946: 208. **(tx)** Blackman 1922c: 120; Chamberlin 1939: 379; de Ruelle 1970: 110; Titus, Meikle, & Harrison 1985: 105; Wood, S. L. 1977d: 514.
- barberi** Blackman 1928b: 112. Holotype, sex?; New Mexico: Las Vegas H.S. [Hot Springs] [USA]; USNM, Washington.
Figures: Bright 1981d: 339.
Distribution: North America (Durango, Nuevo Leon in Mexico/ Arizona, Colorado, New Mexico, W Texas, Utah in USA).
Hosts: *Pinus cembroides*, *P. edulis*, *P. leiophylla*, *P. ponderosa*.
References: **(hb)** Bright 1981d: 69; Chamberlin 1939: 389, **(ds)** Bright 1981d: 69; Chamberlin 1939: 389; Keen 1929a: 33; Kleine 1934a: 158; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1117. **(tx)** Blackman 1928b: 91, 112–113; Bright 1981d: 69, 339; Chamberlin 1939: 389; Keen 1929a: 33; de Ruelle 1970: 108; Schedl 1937h: 167; Wood, S. L. 1982b: 1117.
- barbifer** Schedl 1964j: 46. Holotype ♂; Ghana: Kintampo; BMNH, London.
Distribution: Africa (Ghana).
Hosts: *Daniellia oliveri*.
References: **(hb)** Roberts 1969: 126. **(ds)** Schedl 1962j: 5–6, 1964j: 46, 1972e: 282. **(tx)** Schedl 1962j: 5, 1964j: 46, 1979c: 35.
- bassetti** Blackman 1920b: 1. Lectotype ♂; Pitkin, Colorado [USA]; USNM, Washington, designated by Bright 1976b: 183.
Figures: Bright 1981d: 319, 373.
Distribution: North America (Alaska/ Northwest Territories, Yukon in Canada/ Chihuahua in Mexico/ Colorado, Utah in USA).
Hosts: *Picea chilahuana*, *P. engelmannii*, *P. glauca*, *P. pungens*.
Notes: (3) Blackman 1928b: 136 (redescribed).
References: **(ec)** Werner & Holsten 1984, **(hb)** Blackman 1920b: 1; Chamberlin 1939: 399, 1958, **(ds)** Bright 1981d: 318; Chamberlin 1925, 1939: 399, 1958; Elias 1982d; Keen 1929a: 33; Kleine 1934a: 158; Leng & Mutchler 1927: 52; Werner & Holsten 1984; Wood, S. L. 1948: 55, 1951a: 128, 1972a: 427, 1982b: 1109. **(tx)** Blackman 1920b: 1, 1928b: 117, 136; Bright 1976b: 183, 1981d: 318–319, 373; Chamberlin 1939: 399, 1958; Keen 1929a: 33; de Ruelle 1970: 108; Wood, S. L. 1951a: 128, 1972a: 427, 1982b: 1109.
- biocalis** Blackman 1922c: 122. Holotype ♀; Brunswick, Maine [USA]; USNM, Washington.
Distribution: North America (Nova Scotia, Ontario in Canada/ Maine, New York in USA).
Hosts: *Picea glauca*, *P. mariana*, *P. rubens*, *Pinus strobus*.
References: **(cn)** Baker, W. L. 1972: 255; Blackman 1950, **(hb)** Baker, W. L. 1972: 255; Blackman 1950; Chamberlin 1939: 380, **(ds)** Baker, W. L. 1972: 255; Blackman 1950; Bright 1976d: 255, 1981d: 178; Chamberlin 1925, 1939: 380; Drooz 1985: 364; Kleine 1934a: 158; Leng & Mutchler 1927: 52; Proctor 1946: 208; Wood, S. L. 1982b: 1074. **(tx)** Blackman 1922c: 122–123, 1928b: 63, 85; Bright 1981d: 178; Chamberlin 1939: 380; Wood, S. L. 1982b: 1074.
- blackmani** (Schedl) 1935h: 344 (*Conophthoeramulus*). Holotype ♀; Costa Rica, Turrialba, 800 m; Schedl Collection in NIMW, Wien.
Distribution: North America (Costa Rica).
Notes: (1) Wood 1986a: 95 (to *Pityophthorus*).
References: **(ds)** Blackwelder 1947: 751. **(tx)** Schedl 1935h: 344, 1938a: 162, 1979c: 42; Wood, S. L. 1982b: 963, 1986a: 95.
- blandulus** Schedl 1955g: 19. Lectotype ♀; Guatemala, Las Trojades; Schedl Collection in NIMW, Wien, designated by Bright 1976b: 186.
Figures: Bright 1981d: 363.
Distribution: North America (Guatemala/ Chiapas, Mexico in Mexico).
Hosts: *Pinus hartwegii*, *P. ochoterenai*, *P. oocarpa*, *P. ruidis*.
References: **(hb)** Schwerdtfeger 1957c: 494. **(ds)** Atkinson & Equihua 1985c: 360, 1988: 94; Bright 1981d: 244; Schedl 1963c: 158; Wood, S. L. 1982b: 1068. **(tx)** Bright 1976b: 186, 1981d: 244, 363; Schedl 1955g: 17, 19, 1979c: 42; Wood, S. L. 1982b: 1068.
- blandulus** Blackman 1928b: 107. Holotype ♀; Argus Mts., California [USA]; USNM, Washington.
Figures: Bright 1981d: 363.
Distribution: North America (Arizona, California, Colorado, Nevada, New Mexico, Utah in USA).
Hosts: *Pinus monophylla*, *P. edulis*, 1 pair from *P. ponderosa*.
References: **(hb)** Bright & Stark 1973: 114; Chamberlin 1939: 387. **(ds)** Bright 1981d: 245; Bright & Stark 1973: 114; Chamberlin 1939: 387; Furniss, M. M. & Johnson 1987: 377; Keen 1929a: 23; Kleine 1934a: 158; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 107–108; Bright 1977: 513, 1981d: 245, 363; Chamberlin 1939: 387; Keen 1929a: 33; Wood, S. L. 1982b: 1066.
singularis Bright 1966b: 300. Holotype ♀; 19 km W Lone Pine, Inyo Co., California [USA];

- CAS, San Francisco. Synonymy: Bright 1977: 513.
References: **(hb)** Bright & Stark 1973: 111. **(ds)** Bright & Stark 1973: 111; **(tx)** Bright 1966b: 300, 1977: 513; de Ruelle 1970: 111.
- bolivianus** Eggers 1943a: 359. Holotype, sex[?]; Bolivia (Cochabamba); MNHN, Paris.
Distribution: South America (Bolivia).
References: **(tx)** Eggers 1943a: 359; Schedl 1951m: 73, 1979c: 43.
- borrichiae** Wood 1964: 60. Holotype ♀; Key Largo, Florida [USA]; Wood Collection.
Distribution: North America (S Florida).
Hosts: *Borrhichia arborescens*, *B. frutescens*.
References: **(ds)** Bright 1981d: 61; Wood, S. L. 1982b: 1130. **(tx)** Bright 1981d: 61; McNamara 1977: 197; Wood, S. L. 1964: 60, 1982b: 1130.
- boycei** Swaine 1925b: 192. Holotype ♂; Cisco, Placer Co., California [USA]; CNCI, Ottawa.
Figures: Bright 1981d: 358. Ives & Wong 1988: 54.
Distribution: North America (Alberta, British Columbia in Canada/California, Colorado, Idaho, Montana, Oregon, South Dakota, Wyoming in USA).
Hosts: *Pinus aristata*, *P. contorta*, *P. flexilis*, *P. monticola*, *P. ponderosa*.
Notes: (3) Blackman 1928b: 26 (re-described).
References: **(en)** Doane et al. 1936; Evans, D. 1982; Ives & Wong 1988: 55; Lindgren 1980a: 66. **(hb)** Bright & Stark 1973: 97; Chamberlin 1939: 342, 1958: 145; Doane et al. 1936; Evans, D. 1982; Ives & Wong 1988: 55; Lindgren 1980a: 66. **(ds)** Bright 1976d: 168, 1980d: 204; Bright & Stark 1973: 97; Chamberlin 1939: 342, 1958: 145; Evans, D. 1983: 35; Evans, D., Lowe, & Hunt 1975; Furniss, R. L. & Carolin 1977: 398; Gast et al. 1989: 355; Keen 1929a: 31; Kleine 1934a: 163; Leng & Mutchler 1933: 52; Wood, S. L. 1972a: 424, 1982b: 1043. **(tx)** Blackman 1928b: 16–17, 26–27; Bright 1967b: 678, 1976c: 426, 1976d: 168, 1981d: 204, 358; Chamberlin 1939: 342, 1958: 145; Evans, D. 1982, 1983: 35; Ives & Wong 1988: 54; Keen 1929a: 31; de Ruelle 1970: 108; Swaine 1925b: 192–193; Wood, S. L. 1972a: 424, 1977c: 387, 1982b: 1043.
- catulus** Blackman 1928b: 21. Holotype ♀; Clark's Fork, Idaho [USA]; USNM, Washington. Synonymy: Bright 1976b: 186, 1976c: 426.
References: **(hb)** Chamberlin 1939: 341, 1958. **(ds)** Chamberlin 1939: 341, 1958: 144–145; Keen 1929a: 31; Kleine 1934a: 163; Leng & Mutchler 1933: 53; Wood, S. L. 1972a: 424. **(tx)** Blackman 1928b: 17, 21–22; Bright 1976b: 186, 1976c: 426; Chamberlin 1939: 341, 1958: 144–145; Keen 1929a: 31; de Ruelle 1970: 104; Wood, S. L. 1972a: 424.
- iniquus** Blackman 1928b: 27. Holotype ♀; Keystone, Wyoming [USA]; USNM, Washington. Synonymy: Bright 1976c: 426.
References: **(en)** Doane et al. 1936. **(hb)** Chamberlin 1939: 343; Doane et al. 1936. **(ds)** Chamberlin 1939: 343; Keen 1929a: 31; Kleine 1934a: 163; Leng & Mutchler 1933: 53. **(tx)** Blackman 1928b: 27; Bright 1976c: 426; Chamberlin 1939: 343; Keen 1929a: 31.
- sionyxensis** Bright 1977: 439. Holotype ♀; Black Hills, South Dakota [USA]; CNCI, Ottawa. Synonymy: Wood 1977c: 387.
References: **(tx)** Bright 1977: 439; McNamara 1984: 757; Wood, S. L. 1977d: 387.
- brasilienis** (Schedl) 1938a: 177 (*Breviophthorus*). Holotype, sex[?]; Brasilien, Sao Paulo; Schedl Collection in NHMW, Wien.
Figures: Schedl 1938a: 161, 164.
Distribution: South America (Brazil).
References: **(ds)** Blackwelder 1947: 781. **(tx)** Schedl 1938a: 161, 164, 177, 1979c: 44.
- bravoi** Bright 1986b: 679. Holotype ♀; Mexico; Carr. Mex-Popo., Km 85; CNCI, Ottawa.
Distribution: North America (Mexico in Mexico).
References: **(tx)** Bright 1986b: 679.
- brevicomatus** Bright 1976c: 430. Holotype ♀; Cerro Potosi, Nuevo Leon, Mexico; CNCI, Ottawa.
Distribution: North America (Nuevo Leon in Mexico).
Hosts: *Pinus strobiformis*.
References: **(ds)** Bright 1981d: 145; Wood, S. L. 1982b: 1094. **(tx)** Bright 1976c: 430, 1981d: 145; McNamara 1984: 754; Wood, S. L. 1982b: 1094.
- brevis** Blackman 1928b: 81. Holotype ♀; Kaibab National Forest, Arizona [USA]; USNM, Washington.
Figures: Bright 1981d: 364.
Distribution: North America (Durango in Mexico/Arizona, Colorado, New Mexico, W Texas in USA).
Hosts: *Pinus ayacahuite*, *P. edulis*, *P. ponderosa*, *P. strobiformis*.
References: **(en)** Blackman 1931c. **(cc)** Blackman 1931c. **(hb)** Blackman 1931c; Chamberlin 1939: 379. **(ds)** Atkinson & Equilma 1985c: 360, 1988: 94; Bright 1981d: 247; Chamberlin 1939: 379; Keen 1929a: 32; Kleine 1934a: 158; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1065. **(tx)** Blackman 1928b: 81; Bright 1981d: 247; Chamberlin 1939: 379; Keen 1929a: 32; de Ruelle 1970: 108; Wood, S. L. 1982b: 1065.
- brevisetosus** Eggers 1933b: 3, 7. Holotype, sex[?]; Venezuela (Caracas); MNHN, Paris.
Distribution: South America (Venezuela).
References: **(ds)** Blackwelder 1947: 781. **(tx)** Eggers 1933b: 3, 7–8.
- brighti** Wood 1989: 178. Holotype ♀; Amecameca, Mexico, Mexico; USNM, Washington.
Distribution: North America (Hidalgo, Mexico in Mexico).
Hosts: *Abies religiosa*.

References: **(tx)** Wood, S. L. 1989: 178.

blackmani Bright 1977: 521. Holotype ♀; Amecameca, Mexico, Mexico; USNM, Washington, preoccupied by Schedl 1935.

References: **(ds)** Atkinson & Equihua 1955a: 96; Bright 1981d: 243. **(tx)** Bright 1977: 521. 1981d: 243; McNamara 1984: 754; Wood, S. L. 1989: 178.

briscoei Blackman 1922c: 123. Holotype ♀; Brunswick, Maine [USA]; USNM, Washington.

Distribution: North America (New Brunswick, Ontario, Quebec in Canada/ Maine, Minnesota, New Hampshire, New York, Pennsylvania in USA). Hosts: *Picea mariana*, *P. rubens*, *Pinus banksiana*, *P. strobus*.

References: **(cn)** Blackman 1950. **(hb)** Blackman 1950; Chamberlin 1939: 380. **(ds)** Blackman 1950; Bright 1976d: 185. 1981d: 184; Chamberlin 1925, 1939: 380; Kleine 1934a: 158; Leng & Mutchler 1927: 52; Wood, S. L. 1982b: 1076. **(tx)** Blackman 1922c: 123–124, 1928b: 63, 84–85; Bright 1981d: 184; Chamberlin 1939: 380; Wood, S. L. 1977d: 514, 1982b: 1076.

mundus Blackman 1928b: 86. Holotype ♀; Littleton, New Hampshire [USA]; USNM, Washington. Synonymy: Wood 1977d: 514.

References: **(cn)** Blackman 1950. **(hb)** Blackman 1950; Chamberlin 1939: 380. **(ds)** Blackman 1950; Bright 1976d: 186; Chamberlin 1939: 380; Dodge 1935; Kleine 1934a: 160; Knoll 1932: 66; Leng & Mutchler 1933: 52; Proctor 1946: 208. **(tx)** Blackman 1928b: 86–87; Chamberlin 1939: 380; Dodge 1935: 43–45; McNamara 1984: 757; Wood, S. L. 1977d: 514.

burserae Wood 1976a: 362. Holotype ♀; Atencuque, Jalisco, Mexico, 1000 m; Wood Collection. Distribution: North America (Jalisco).

Hosts: *Bursera* sp.

References: **(ds)** Bright 1981d: 76; Wood, S. L. 1982b: 1127. **(tx)** Bright 1981d: 76; Wood, S. L. 1976a: 362, 1982b: 1127.

busseae Schedl 1962h: 69. Holotype ♂♀; Ghana, Bobiri Forest Reserve; BMNH, London.

Distribution: Africa (Ghana).

Hosts: *Bussea occidentalis*.

References: **(hb)** Browne 1963a: 236. **(ds)** Browne 1963a: 236; Schedl 1962h: 59, 1962j: 6, 1967e: 214, 1972e: 252. **(tx)** Schedl 1962h: 69, 1962j: 6, 1962k: 1080, 1979c: 49.

buyssoni Reitter 1901a: 101. Syntypes, sex?; Europe; NHMB, Budapest.

Figures: Chararas 1962c: 360.

Distribution: Europe (Bulgaria/ Corsica/ Czechoslovakia/ S France/ Greece/ Italy/ Spain/ Yugoslavia). Hosts: *Pinus nigra*, *P. sylvestris*, rare in *Larix europaea*.

References: **(bv)** Grune 1979: 121. **(cn)** Grandi 1951; Joly 1976. **(ec)** Kleine 1905c: 213; Pfeffer 1960: 346. **(hb)** Chararas 1982c: 363; Grandi

1951; Joly 1976; Pfeffer 1941b: 3; Spessivtsev 1921b: 221. **(ds)** Andras & Schaefer 1957; Barthle 1896; Buresh & Lazarov 1956; Chararas 1962c: 363; Grandi 1979: 121; Hagedorn 1910d: 70; Joly 1976; Karpinski 1931: 30; Kleine 1913b: 140, 1934a: 159; Linder 1953: 71; Maire et al. 1927: 1576; Pfeffer 1947c: 17, 1960: 346, 1976: 340, 1984: 227, 1989a: 65; Pittioni 1943: 176; Postner 1974: 437; Sainte-Claire 1905: 157; Sainte-Claire & Mequignon 1935: 447; Treddl 1907: 14. **(tx)** Balachowsky 1949a: 235; Chararas 1962c: 360; Eggers 1914: 189, 1915b: 13–14, 1923a: 215, 1933i: 7; Grune 1979: 121; Hagedorn 1910a: 100; Joly 1976; Peyerimhoff 1930: 259; Pfeffer 1927: 111–112, 1940b: 109, 113, 121, 1941b: 3, 1947c: 17, 1955a: 219, 1976: 340; Postner 1974: 437; Reitter 1901a: 101, 1913a: 94; Schedl 1934f: 1643, 1960b: 164, 1964m: 312; Spessivtsev 1922: 221, 1926: 50; Wichmann 1913d: 144.

senex Wichmann 1913d: 143. Holotype ♀♀; Bistolas, Htes Alpes; not given. Synonymy: Balachowsky 1949a: 235.

References: **(hb)** Spessivtsev 1921b: 221. **(ds)** Karpinski 1931: 30; Kleine 1913b: 141; Sainte-Claire & Mequignon 1935: 448. **(tx)** Balachowsky 1949a: 238–239; Eggers 1915b; Pfeffer 1927: 111–112, 1940b: 109, 113, 122; Schedl 1934f: 1643, 1964m: 312; Spessivtsev 1922: 221, 1926: 50; Wichmann 1913d: 143–144.

angori Pfeffer 1927: 111. Syntypes, sex?; Vizzavona, Venaco (Korsika); Pfeffer Collection in Prague Museum.

Notes: (1) Pfeffer 1940b: 122 (treated as a subspecies of *buyssoni*).

References: **(ds)** Pfeffer 1947d: 127; Sainte-Claire & Mequignon 1935: 447. **(tx)** Balachowsky 1949a: 239; Pfeffer 1927: 111, 1940b: 109; Schedl 1934f: 1643.

cacuminatus Blandford 1904: 235. Lectotype ♀; San Geronimo, Verapaz, Guatemala; BMNH, London, designated by Bright 1976b: 184.

Distribution: North America (Guatemala/ Honduras/ Jalisco, Michoacan in Mexico).

Hosts: *Pinus oocarpa*, *P.* spp.

References: **(hb)** Atkinson & Equihua 1955c: 360; Atkinson et al. 1956: 37. **(ds)** Atkinson & Equihua 1955c: 360, 1958: 94; Atkinson et al. 1956: 37; Blackwelder 1947: 751; Bright 1981d: 304; Hagedorn 1910d: 70; Kleine 1913b, 1914b: 362; Wood, S. L. 1982b: 1101. **(tx)** Blackman 1942a: 215; Blandford 1904: 235; Bright 1976b: 184, 1981d: 304; Hagedorn 1910a: 100; Schedl 1935a: 183, 1955g: 17; Wood, S. L. 1982b: 1101.

californicus Bright 1976c: 427. Holotype ♀; Bonnie Doone, Santa Cruz Co., California [USA]; USNM, Washington, autonomic.

Distribution: North America (California).

Hosts: *Pinus attenuata*, *P. radiata*.

References: **(ds)** Bright 1981d: 249; Wood, S. L.

- 1952b: 1069. **(tx)** Bright 1976c: 427. 1981d: 249; Wood, S. L. 1982b: 1069.
- deleoni* Bright 1966b: 302. Holotype ♀; Bonnie Doone, Santa Cruz Co., California [USA]; USNM, Washington, preoccupied by Blackman 1942.
References: **(tx)** Bright 1966b: 302, 1976c: 427.
- camerunus* **Eggers** 1920: 35. Syntypes 2, sex?; Kamerun, Hamburg Museum specimen to Eggers Collection now in NHMW, Wien, 1 in MNB, Berlin.
Distribution: Africa (Cameroon).
Notes: (1) Schedl 1979c: 51 (citation of holotype invalid).
References: **(ds)** Schedl 1965e: 353, 1966c: 225. **(tx)** Eggers 1920: 35, 1927a: 184; Schedl 1938a: 183, 1962j: 6, 1979c: 51.
- carinatus* **Bright** 1975: 73. Holotype ♀; Sevey, New York [USA]; CNCI, Ottawa.
Notes: (1) Bright 1975: 73 (subspecies established).
References: **(ds)** Bright 1981d: 179; Furniss, M. M. 1978; Wood, S. L. 1982b: 1077. **(tx)** Bright 1975: 73, 1981d: 179; McNamara 1984: 754; Wood, S. L. 1982b: 1077.
- carinatus carinatus*:
Distribution: North America (New Brunswick, Quebec in Canada/ New York in USA).
Hosts: *Picea* sp., *Pinus strobus*.
References: **(tx)** Bright 1978: 73.
- carinatus monticolae* **Bright** 1978: 74 Holotype ♀; Hazelton, British Columbia [Canada]; CNCI, Ottawa.
Distribution: North America (Alberta, British Columbia in Canada).
Hosts: *Pinus contorta*.
References: **(ds)** Bright 1981d: 179; Wood, S. L. 1982b: 1077. **(tx)** Bright 1978: 74, 1981d: 179; McNamara 1984: 754; Wood, S. L. 1982b: 1077.
- cariniceps* **LeConte** 1876: 353. Holotype ♀; Detroit, Michigan [USA]; MCZ, Cambridge.
Figures: Bright 1981d: 355.
Distribution: North America (Alberta, NE British Columbia, Manitoba, New Brunswick, Nova Scotia, Ontario, Quebec, Saskatchewan in Canada/ Connecticut, Indiana, Kentucky, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Virginia, Wisconsin in USA).
Hosts: *Abies balsamea*, *Picea glauca*, *Pinus banksiana*, *P. resinosa*, *P. strobus*, *P. virginiana*.
Notes: (3) Blackman 1928b: 72 (re-described).
References: **(cn)** Blackman 1950; Brown 1968b: 564; Chamberlin 1924; Currie 1905: 80; Doane et al. 1936; Hopkins 1899c: 443, 1901b: 8, 1904a: 24; Lindquist, O. H. & Syme 1981: 88; Martin, J. L. 1964; Schuder 1969: 80; Swaine 1918a: 97, 102; Syme & Nystrom 1988: 84. **(cc)** Bushing 1965: 464; Felt 1906: 674; Frederick, Sloan, & Skowron 1976; Hopkins 1901b: 8; Pierce, W. D. 1908: 357; Thomas & Lindquist 1956: 2. **(hb)** Baker, W. L. 1972: 255; Blackman 1950; Brown 1968b: 564; Chamberlin 1939: 377; Chittenden 1893a: 393; Doane et al. 1936; Felt 1906: 674; Hopkins 1899c: 443, 1901b: 8, 1904a: 24; Pierce, W. D. 1907: 290; Swaine 1918a: 97, 102. **(ds)** Anonymous 1926c: 519; Atkinson et al. 1991: 162; Baker, W. L. 1972: 255; Blackman 1950; Blatchley & Leng 1916: 633; Bright 1976d: 185, 1981d: 174; Brown 1968b: 564; Chamberlin 1925, 1939: 377; Currie 1905; Deyrup & Atkinson 1987b: 67; Dodge 1938; Drooz 1985: 364; Hagedorn 1910d: 70; Henshaw 1882: 268, 1885: 147; Hopkins 1893a: 130, 1893b: 209; Hubbard & Schwarz 1878a: 665; Kleine 1913b: 140, 1934a: 159; Leng 1920: 341; Leonard 1928: 519; Lindquist, O. H. & Syme 1981: 88; Morgan, A. V. & Morgan 1980: 1110; Proctor 1946: 208; Schuder 1969: 80; Schwert et al. 1985; Swaine 1909: 133; Syme & Nystrom 1988: 84; Wichmann 1896a: 309; Wood, S. L. 1982b: 1077. **(tx)** Blackman 1919b: 134-136, 142, 1928b: 72; Blatchley & Leng 1916: 633; Bright 1981d: 174, 355; Chamberlin 1939: 377; Dodge 1938: 43-45; Hagedorn 1910a: 100; LeConte 1876: 353; Lindquist, O. H. & Syme 1988: 84; Swaine 1909: 133-134, 1917: 24, 1918a: 97, 102; Syme & Nystrom 1988: 84; Titus, Meikle, & Harrison 1985: 105; Wood, S. L. 1977d: 514, 1982b: 1077. **(ms)** Eckstein 1900c.
- canadensis* Swaine 1917: 24. Lectotype ♀; Ste. Anne de Bellue, Quebec [Canada]; CNCI, Ottawa, designated by Bright 1967b: 678. Synonymy: Blackman 1928b: 72.
References: **(cn)** Chamberlin 1924; Swaine 1918a: 97, 102. **(hb)** Swaine 1918a: 97, 102. **(ds)** Anonymous 1926c: 519; Beaulne 1956; Britton 1920a; Chamberlin 1925; Hatch 1924; Leng 1920: 341; Leonard 1928: 519. **(tx)** Blackman 1919b: 136-137, 1922c, 1928b: 72; Bright 1967b: 678; de Ruelle 1970: 108; Swaine 1917: 24, 1918a: 97, 102.
- cognatus* Blackman 1928b: 69. Holotype ♀; Davidson's R., Asheville, North Carolina, 3200 ft. [USA]; USNM, Washington. Synonymy: Wood 1977d: 514.
References: **(cn)** Blackman 1950; Schuder 1969: 80. **(hb)** Beal & Massey 1945: 132; Blackman 1950; Chamberlin 1939: 376. **(ds)** Beal & Massey 1945: 132; Blackman 1950; Chamberlin 1939: 376; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Schuder 1969: 80. **(tx)** Beal & Massey 1945: 132; Blackman 1928b: 69; Chamberlin 1939: 376; de Ruelle 1970: 108; Wood, S. L. 1977d: 514.
- carinulatus* **Swaine** 1925b: 193. Holotype ♂; Tres Ritos, New Mexico [USA]; CNCI, Ottawa.
Distribution: North America (Alaska/ Arizona, Colorado, New Mexico, Utah in USA).

- Hosts: *Picea engelmannii*, *P. pungens*, 2 males from Alaska in *Pinus contorta*.
- References: **(hb)** Chamberlin 1939: 375. **(ds)** Bright 1981d: 228; Chamberlin 1939: 375; Evans, D. 1983: 35; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1068. **(tx)** Blackman 1928b: 60, 66–67; Bright 1967b: 675, 1977: 514, 1981d: 228; Chamberlin 1939: 375; Evans, D. 1983: 35; LeConte 1874a: 70; de Ruelle 1970: 108; Swaine 1925b: 193; Wood, S. L. 1977b: 209, 1982b: 1068. *opimus* Blackman 1928b: 80. Holotype ♀; Capitan Mts., New Mexico [USA]; USNM, Washington. Synonymy: Bright 1977: 514.
- References: **(cn)** Evans, D. 1982; Lindgren 1980: 69. **(ce)** Stevens 1973. **(hb)** Bright & Stark 1973: 109; Chamberlin 1939: 379; Evans, D. 1982; Lindgren, B. 1980a: 69. **(ds)** Bright 1976d: 183; Bright & Stark 1973: 109; Chamberlin 1939: 379; Keen 1929a: 32; Kleine 1934a: 160; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 62, 80–81; Bright 1971b: 67, 1977: 514; Chamberlin 1939: 379; Evans, D. 1982; Keen 1929a: 32; McNamara 1984: 757; Wood, S. L. 1951a: 128.
- carmeli** Swaine 1918a: 100. Holotype ♀; Carmel, California [USA]; CNCI, Ottawa.
- Figures: Bright 1981d: 347.
- Distribution: North America (California).
- Hosts: *Pinus attenuata*, *P. coulteri*, *P. muricata*, *P. radiata*, *P. torreyana*.
- Notes: (3) Blackman 1928b: 97 (redescribed). The holotype is missing from its microcard and may be lost (DEB).
- References: **(cn)** Anonymous 1964h, 1966p, 1968g, 1975d; Doane et al. 1936; Herrick 1935: 250; Swaine 1918a: 96, 100. **(ce)** Bushing & Bright 1965: 203; Kinn 1971; Marsh 1979: 150. **(hb)** Bright 1981d: 137; Bright & Stark 1973: 111; Burke 1932; Chamberlin 1939: 385; Doane et al. 1936; Herrick 1935: 250; Swaine 1918a: 96, 100. **(ds)** Anonymous 1964h, 1966p, 1968g, 1975d; Bright 1981d: 137; Bright & Stark 1973: 111; Burke 1932: 366, 1933: 49–59, 1937: 28; Chamberlin 1925, 1939: 385; Hopping 1922; Keen 1929a: 33; Kleine 1934a: 159; Leng 1920: 341; Wood, S. L. 1982b: 1049. **(tx)** Blackman 1928b: 97; Bright 1964: 166, 1967b: 678, 1981d: 137, 347; Chamberlin 1939: 385; Keen 1929a: 33; de Ruelle 1970: 108; Swaine 1918a: 96, 100; Wood, S. L. 1982b: 1049.
- torreyanae* Swaine 1918a: 101. Holotype ♀; San Diego, California [USA]; CNCI, Ottawa. Synonymy: Blackman 1928b: 98.
- References: **(cn)** Keen 1929: 54; Swaine 1918a: 97, 101. **(hb)** Keen 1929: 54; Swaine 1918a: 97, 101. **(ds)** Chamberlin 1925; Hopping 1922; Keen 1929: 54; Leng 1920: 341. **(tx)** Blackman 1928b: 97; Bright 1970: 679; de Ruelle 1970: 111; Swaine 1918a: 97, 101–102.
- carniolicus** Wichmann 1910a: 145. Syntypes, sex?; Krain (Austria-Hung.); Adelsberg; not given.
- Figures: Grune 1979: 118.
- Distribution: Europe (Austria/ Czechoslovakia/ France/ Germany/ Hungary).
- Hosts: *Pinus nigra*, *P. sylvestris*.
- References: **(bv)** Grune 1979: 119. **(ce)** Nosek 1959b: 57; Pfeffer 1960: 346; Wichmann 1916: 23. **(hb)** Nosek 1959b: 57; Spessivtsev 1921b: 221, 1923: 208; Wichmann 1916: 23. **(ds)** Boxey 1976; Grune 1979: 119; Holzschuh 1966: 61; Horion 1951; Karpinski 1931: 30; Kleine 1913a: 35, 1934a: 159; Lucht 1987: 275; Pfeffer 1960: 346, 1976: 340, 1984: 277, 1989a: 65; Postner 1974: 436; Schedl 1950a: 22, 1951b: 78. **(tx)** Balachowsky 1949a: 238; Eggert 1915b; Grune 1979: 118–119; Lucht 1987: 275; Pfeffer 1927: 111–112, 1940b: 109, 113, 123, 1955a: 220, 1976: 340; Postner 1974: 436; Reitter 1913a: 94; Schedl 1934f: 1643, 1980a: 22, 1951b: 75; Spessivtsev 1922: 221, 1926: 50; Wichmann 1910a: 145, 1913d: 144, 1916: 23–25, 1916: 432–433.
- cascoensis** Blackman 1928b: 99. Holotype ♀; Peak Island, Maine [USA]; USNM, Washington.
- Figures: Bright 1981d: 349.
- Distribution: North America (Alberta, Newfoundland, Northwest Territories, Ontario in Canada/ Maine, New York in USA).
- Hosts: *Picea glauca*.
- References: **(cn)** Blackman 1950. **(hb)** Blackman 1950; Chamberlin 1939: 386. **(ds)** Blackman 1950; Bright 1976d: 186, 1981d: 150; Chamberlin 1939: 386; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1088. **(tx)** Blackman 1928b: 89, 99–100; Bright 1977: 515, 1981d: 150, 349; Chamberlin 1939: 386; McNamara 1984: 754; Wood, S. L. 1977b: 209, 1982b: 1088.
- pilifer* Schedl 1931b: 166. Holotype ♀; Frater, Ontario [Canada]; CNCI, Ottawa. Synonymy: Bright 1977: 515.
- References: **(hb)** Chamberlin 1939: 378. **(ds)** Chamberlin 1939: 375; Kleine 1934a: 161; Leng & Mutchler 1933: 95. **(tx)** Bright 1977: 515; Chamberlin 1939: 378; de Ruelle 1970: 110; Schedl 1931b: 166–168.
- cavatus** Bright 1978: 74. Holotype ♀; Canoe Lake, Saskatchewan [Canada]; CNCI, Ottawa.
- Distribution: North America (Manitoba, Saskatchewan in Canada).
- Hosts: *Pinus banksiana*, *P. resinosa*.
- References: **(ds)** Bright 1981d: 157; Wood, S. L. 1982b: 1075. **(tx)** Bright 1978: 74, 1981d: 157; McNamara 1984: 754; Wood, S. L. 1982b: 1075.
- cedri** Wood 1989: 182. Holotype ♀; Kashmir; Buniyar, Jhelum Valley; FRI, Dehra Dun.
- Distribution: Asia (Kashmir in India).
- Hosts: *Cedrus deodara*, *Pinus gerardiana*.
- Notes: (1) Beeson 1941: 292 (*cedri*, nomen nudum).
- References: **(tx)** Wood, S. L. 1989: 182.

- celatus (Schedl)** 1967d: 9 (*Breviophthorus*). Holotype, sex?: Nova Teutonia, Santa Catarina, Brasilien; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (tx) McNamara 1977: 194; Schedl 1967d: 9–10, 1979c: 55.
- cephalonicae Pfeffer** 1940b: 119. Syntypes, sex?: Graecia Meridionalis, Montes Chelmos; Pfeffer Collection in Prague Museum. Distribution: Europe (Greece/ Poland). Hosts: *Abies cephalonica*, *A. alba*. References: (bv) Grune 1979: 119. (ec) Michalski & Rafajczak 1989. (hb) Karpinski 1955: 80. (ds) Atkinson et al. 1986: 38; Grune 1979: 119; Karpinski 1955: 80; Numberg 1954: 71, 1956c: 163, 168; Pfeffer 1940b: 119, 1947: 129, 1976: 340; Postner 1974: 437. (tx) Grune 1979: 119; Numberg 1954: 71; Pfeffer 1940b: 108, 119, 1955a: 215, 1976: 340; Postner 1974: 437.
- polonicus** Karpinski 1949: 125. Syntypes, sex?: mountain forests of National Park in Pieniny (Carpathian Mts.); Karpinski Collection. Synonymy: Numberg 1956c: 163. References: (ec) Boucek 1955: 83–92; Grahani 1969: 878; Nuorteva 1957b: 69. (hb) Karpinski 1955: 77. (ds) Horion 1951; Karpinski 1949: 125, 1955: 77. (tx) Karpinski 1949: 125; Numberg 1956c: 161, 163, 168.
- chalconensis Hopkins** 1905b: 73. Holotype ♀; Chalco, Mexico; USNM, Washington. Distribution: North America (Mexico, Michoacan in Mexico). Hosts: *Pinus* sp. (bole). Notes: (1) Hopkins published the species name *chalconensis* and the type locality as "Chalco," but the label on the holotype clearly reads "Chaleco." The error in spelling is an obvious lapsus calami that was corrected in Wood 1982b: 1099. References: (ds) Atkinson & Equilma 1985a: 97, 1988: 96; Blackwelder 1947: 781; Bright 1981d: 279; Ferrer 1942; Hagedorn 1910d: 70; Kleine 1913b: 140, 1914b: 351; Wood, S. L. 1982b: 1099. (tx) Bright 1978: 71, 1981d: 279; Hagedorn 1910a: 100; Hopkins 1905b: 73; Schedl 1940a: 348; Wood, S. L. 1982b: 1099.
- herreraei Hopkins** 1905b: 71. Syntypes, sex?: Chalco, Mexico; USNM, Washington. Synonymy: Bright 1978: 71. References: (ds) Blackwelder 1947: 782; Hagedorn 1910d: 71; Kleine 1913b: 140, 1914b: 351. (tx) Bright 1978: 71; Hagedorn 1910a: 101; Hopkins 1905b: 71; Schedl 1940a: 348.
- chilgoza Wood** 1989: 183. Holotype ♀; Punjab; Kilba, U. Bashar; FRI, Dehra Dun. Distribution: Asia (Punjab in India). Hosts: *Pinus gerardiana*. Notes: (1) Beeson 1941 (1961: 292) (*chilgoza*, nomen nudum). References: (tx) Wood, S. L. 1989: 183.
- ciliatus Blackman** 1942a: 211. Holotype ♀; Jalapa, Veracruz, Mexico; USNM, Washington. Distribution: North America (Veracruz in Mexico). Hosts: *Pinus patula*, *P.* sp. References: (hb) Atkinson & Equilma 1985c: 360. (ds) Atkinson & Equilma 1985c: 360, 1985: 94; Bright 1981d: 250; Thomas, J. B. 1966; Wood, S. L. 1982b: 1069. (tx) Blackman 1942a: 211; Bright 1981d: 250; McNamara 1984: 754; Wood, S. L. 1982b: 1069.
- clarus Blackman** 1928b: 130. Holotype ♀; Kaibab National Forest, Arizona [USA]; USNM, Washington. Distribution: North America (Arizona). Hosts: *Pinus leiophylla*, *P. ponderosa*. References: (cn) Blackman 1931c. (cc) Blackman 1931c. (hb) Blackman 1931c; Chamberlin 1939: 397. (ds) Bright 1981d: 324; Chamberlin 1939: 397; Keen 1929a: 33; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1108. (tx) Blackman 1928b: 130; Bright 1981d: 324; Chamberlin 1939: 397; Keen 1929a: 33; de Ruelle 1970: 108; Wood, S. L. 1982b: 1108.
- clivus Bright** 1977: 522. Holotype ♀; Cerro Potosi, Nuevo Leon, Mexico; CNCI, Ottawa. Distribution: North America (Nuevo Leon in Mexico). Hosts: *Pinus strobiformis*. References: (ds) Bright 1981d: 250; Wood, S. L. 1982b: 1040. (tx) Bright 1977: 522, 1981d: 250; McNamara 1984: 754; Wood, S. L. 1982b: 1040.
- collaris Schedl** 1965c: 67. Holotype ♀; Madagascar, Montagne d'Ambre; Schedl Collection in NHMW, Wien. Distribution: Madagascar. Hosts: Tree twigs. References: (tx) Schedl 1965c: 67, 1977b: 110, 1979c: 59.
- comosus Blackman** 1928b: 65. Holotype ♀; Sacramento Mts., New Mexico [USA]; USNM, Washington. Distribution: North America (Durango in Mexico/ Arizona, New Mexico in USA). Hosts: *Pinus ponderosa*. References: (hb) Chamberlin 1939: 375. (ds) Bright 1981d: 277; Chamberlin 1939: 375; Keen 1929a: 32; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1045. (tx) Blackman 1928b: 65; Bright 1977: 514, 1981d: 277; Chamberlin 1939: 375; Keen 1929a: 32; McNamara 1984: 754; Wood, S. L. 1982b: 1045.
- foratus Wood** 1967d: 40. Holotype ♀; 16 km W El Salto, Durango, Mexico; CNCI, Ottawa. Synonymy: Bright 1977: 514. References: (tx) Bright 1977: 514; de Ruelle 1970: 109; Wood, S. L. 1967d: 40.
- concarus Blackman** 1928b: 85. Holotype ♀; Seney, Michigan [USA]; USNM, Washington.

Distribution: North America (British Columbia (?), New Brunswick, Nova Scotia, Ontario, Quebec in Canada/ Maine, Michigan, Wisconsin in USA). The British Columbia population could be distinct.

Hosts: *Pinus banksiana*, *P. resinosa*, *Picea glauca*.
References: (cn) Blackman 1950, (hb) Blackman 1950; Chamberlin 1939: 380, (ds) Blackman 1950; Bright 1976d: 156, 1981d: 185; Chamberlin 1939: 380; Kleine 1934a: 159; Leng & Mntchler 1933: 52; Wood, S. L. 1982b: 1075, (tx) Blackman 1925b: 55; Bright 1981d: 185; Chamberlin 1939: 380; Wood, S. L. 1982b: 1075.

hesperius Bright 1978: 76. Holotype ♀; Hudson Hope, British Columbia [Canada]; CNCI, Ottawa. Synonymy: Wood 1982b: 1075.

Notes: (1) This could possibly be a subspecies; not enough material available for study to evaluate (SLW); should be treated as a species (DEB).

References: (ds) Bright 1981d: 181, (tx) Bright 1978: 76, 1981d: 181; McNamara 1984: 755; Wood, S. L. 1982b: 1075.

concentralis Eichhoff 1875b: 188. Holotype, sex?; Cuba; Hamburg Museum, lost; neotype ♀: Biscayne Bay, Florida [USA]; USNM, Washington, designated by Bright 1978: 72.

Figures: Bright 1981d: 337.

Distribution: Antilles Islands (Bahamas Islands/ Cuba), North America (Florida in USA).

Hosts: *Mecopium toxiferum*.

References: (cn) Swaine 1918a: 95, 104, (cc) Schwarz 1889a: 163, (hb) Chamberlin 1939: 361; Swaine 1918a: 95, 104, (ds) Bentemüller 1891: 50; Blackwelder 1947; Blatchley & Leng 1916: 630; Bright 1981d: 56, 1985c: 176; Chamberlin 1939: 361; Hagedorn 1910d: 70; Henshaw 1895: 44, 1899: 132; Kleine 1913b: 140, 1914b: 378, 383, 1934a: 159; Leng 1920: 341; Schwarz 1889a: 163–164; Swaine 1909: 134; Wood, S. L. 1957c: 401, 1982b: 1114, (tx) Blackman 1928b: 37, 40; Blatchley & Leng 1916: 630; Bright 1978: 72, 1981d: 56, 337, 1985c: 176; Chamberlin 1939: 361; Eichhoff 1878a: 389, 1878b: 188; Hagedorn 1910a: 100; Swaine 1909: 134, 1918a: 95, 104; Wood, S. L. 1957c: 401, 1982b: 1114.

lateralis Swaine 1917: 27. Lectotype ♀; Key West, Florida [USA]; Cornell University, Ithaca, New York, designated by Bright 1967b: 678. Synonymy: Wood 1957c: 401.

References: (cn) Swaine 1918a: 95, 104, (hb) Chamberlin 1939: 361; Swaine 1918a: 95, 104, (ds) Chamberlin 1939: 361; Kleine 1934a: 160; Leng 1920: 341, (tx) Blackman 1928b: 37, 40; Bright 1967b: 678; Chamberlin 1939: 361; Hoebeke 1978; de Ruelle 1970: 110; Swaine 1917: 27, 1918a: 95, 104; Wood, S. L. 1957c: 401, 1982b: 1114.

concinus Wood 1977b: 214. Holotype ♀; in wood from Plaquepague, Mexico, intercepted at Nogales, Arizona [USA]; USNM, Washington.

Distribution: North America ("Mexico").

References: (ds) Bright 1981d: 34; Wood, S. L. 1982b: 1116, (tx) Bright 1981d: 34; Wood, S. L. 1977b: 214, 1982b: 1116.

confertus Swaine 1917: 27. Lectotype ♀; Adams Lake, British Columbia [Canada]; CNCI, Ottawa, designated by Bright 1966b: 304, 1967b: 678.

Figures: Bright 1981d: 306, 372, Evans 1982: 31.

Distribution: North America (S British Columbia in Canada/ Baja California, Chihuahua, Coahuila, Hidalgo, Nuevo Leon, Puebla in Mexico/ Arizona, California, Colorado, Idaho, W Montana, Nevada, New Mexico, Oregon, W Texas, Utah, Washington, Wyoming in USA).

Hosts: *Pinus albicollis*, *P. cembroides*, *P. contorta*, *P. edulis*, *P. flexilis*, *P. jeffreyi*, *P. monticola*, *P. ponderosa*, *P. strobiformis*.

Notes: (3) Blackman 1925b: 122 (redescribed), Bright 1981d: 307 (subspecies *agnatus* recognized, validity?).

References: (hb) Jacobson 1972; Miller & Keen 1960: 115; Schmitz 1985; Vite 1965: 267; Vite & Pitman 1967: 683–701, (cn) Chamberlin 1924; Evans, D. 1982b: 8; Keen 1929: 53; Lindgren 1980a: 68; Miller & Keen 1960: 115; Ruppel 1967: 78; Salman 1938a: 613–616; Schuder 1969: 78; Swaine 1918a: 98, 103, (cc) Amman, A. G., Amman, & Amman 1974; Chatelain & Schenk 1983; Dahlsten & Stephen 1974: 1213; Deyrup & Gara 1978: 275; Miller & Keen 1960: 115; Rice 1965; Salman 1938a: 613; Schmitz 1985, (hb) Amman, A. G., Amman, & Amman 1974; Bright & Stark 1973: 115; Chamberlin 1939: 395, 1955; Evans, D. 1982: 8; Keen 1929: 53; Lindgren 1980a: 68; Miller & Keen 1960: 115; Schmitz 1985; Swaine 1918a: 98, 103, (ds) Amman, A. G., Amman, & Amman 1974; Atkinson & Equihua 1985c: 361, 1988: 94; Bright 1976d: 181, 1981d: 305; Bright & Stark 1973: 115; Chamberlin 1917: 355, 1925, 1939: 395, 1955; Evans, D. 1983: 35; Furniss, R. L. & Carolin 1977: 402; Hopping 1922; Keen 1929a: 33; 1929c: 53; Kleine 1934a: 159; Leng 1920: 341; McComb et al. 1953: 2; Patterson & Hatch 1945: 153; Ruppel 1967: 75; Schuder 1969: 75; Wood, S. L. 1948: 53, 1951a: 128, 1972a: 427, 1982b: 1107, (tx) Blackman 1925b: 115, 122–123; Bright 1966b: 304, 1967b: 678, 1981d: 305–306, 372; Chamberlin 1939: 395, 1955; Evans, D. 1982: 8, 31, 1983: 35; Hoebeke 1978; Keen 1929a: 33; de Ruelle 1970: 109; Swaine 1917: 27, 1918a: 98, 103; Wood, S. L. 1951a: 128, 1972a: 427, 1977d: 514, 1982b: 1107, *agnatus* Blackman 1928b: 125, Holotype ♀; Clondercroft, New Mexico [USA]; USNM, Washington. Synonymy: Wood 1977d: 514.

Notes: (1) Bright 1981d: 305 (treated as a sub-

- species, validity doubtful). Wood 1952b: 1107 (this name was based on a minor clinal variation with no taxonomic value).
References: (**hb**) Chamberlin 1939: 396. (**ds**) Bright 1951d: 305; Chamberlin 1939: 396; Keen 1929a: 33; Kleine 1934a: 155; Leng & Mutchler 1933: 52. (**tx**) Blackman 1925b: 115, 125–127; Bright 1951d: 305; Chamberlin 1939: 396; Keen 1929a: 33; de Ruelle 1970: 107; Wood, S. L. 1977d: 514.
- comptus* Blackman 1925b: 127. Holotype ♀; Santa Catalina Mts., Arizona [USA]; USNM, Washington. Synonymy: Wood 1977d: 514.
References: (**hb**) Chamberlin 1939: 396. (**ds**) Chamberlin 1939: 396; Keen 1929a: 33; Kleine 1934a: 159; Leng & Mutchler 1933: 52. (**tx**) Blackman 1925b: 127; Chamberlin 1939: 396; Keen 1929a: 33; de Ruelle 1970: 109; Wood, S. L. 1977d: 514.
- burkei* Blackman 1925b: 129. Holotype ♀; Meyers, California [USA]; USNM, Washington. Synonymy: Bright 1966b: 304.
References: (**ec**) Bushing 1965: 464; DeLeon 1934a. (**hb**) Chamberlin 1939: 396, 1958. (**ds**) Chamberlin 1939: 396, 1958; Keen 1929a: 33; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1948: 53, 1951a: 128. (**tx**) Blackman 1925b: 115, 129–130; Bright 1966b: 304; Chamberlin 1939: 396, 1958; Keen 1929a: 33; Wood, S. L. 1951a: 128.
- confinis* LeConte 1876: 354. Lectotype ♀; Mojave region, California [USA]; MCZ, Cambridge, designated by Bright 1976b: 185.
Figures: Bright 1976d: 204, 213, 1951d: 268, 367. Distribution: North America (British Columbia in Canada/ Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming in USA).
Hosts: *Pinus albicanlis*, *P. contorta*, *P. coulteri*, *P. jeffreyi*, *P. lambertiana*, *P. monophylla*, *P. ponderosa*, *P. sabiniana*, *P. strobiformis*.
References: (**ay**) Hopkins 1894. (**bv**) Miller & Keen 1960: 115. (**en**) Anonymous 1964h; Chamberlin 1924; Currie 1905: 71; Doane et al. 1936; Essig 1926: 519, 1958: 519; Evans, D. 1982: 8; Felt 1906: 751; Hopkins 1894: 278, 1904a: 16; Keen 1929c: 53; Lindgren 1980a: 68; Miller & Keen 1960: 115; Salman 1938a: 613–618; Schuder 1969: 78; Swaine 1918a: 97, 101. (**ec**) Felt 1906: 751; Miller & Keen 1960: 115; Salman 1938a: 613. (**hb**) Bright 1951d: 267; Bright & Stark 1973: 267; Chamberlin 1939: 375, 1958; Doane et al. 1936; Essig 1926: 519, 1958: 519; Evans, D. 1982: 8; Felt 1906: 751; Hopkins 1894g, 1904a: 16; Keen 1929c: 53; Lindgren 1980a: 68; Miller & Keen 1960: 115; Pierce, W. D. 1907: 290; Swaine 1918a: 97, 101. (**ds**) Anonymous 1964h; Atkinson & Equihua 1958: 94; Bright 1976d: 181, 1951d: 267; Bright & Stark 1973: 111; Chamberlin 1925, 1939: 375, 1958; Currie 1905; Essig 1926: 519, 1958: 519; Evans, D. 1983: 35; Ferrer 1942; Furniss, R. L. & Carolin 1977: 402; Gast et al. 1989: 385; Hagedorn 1910d: 70; Henshaw 1882: 268, 1885: 147; Hopkins 1893a: 130, 1893b: 209, 1899: 254, 344, 443; Hopping 1922; Keen 1929a: 32, 1929c: 53; Kleine 1913b: 140, 1914b: 351, 391, 1934a: 159; Leng 1920: 341; Patterson & Hatch 1945: 163; Schuder 1969: 78; Swaine 1909: 135; Wood, S. L. 1972a: 426, 1982b: 1079. (**tx**) Blackman 1925b: 60, 67; Bright 1976b: 185, 1976d: 204, 213, 1951d: 267–268, 367; Chamberlin 1939: 375, 1958; Evans, D. 1982: 8, 1983: 35; Hagedorn 1910a: 100; Keen 1929a: 32; LeConte 1876: 354; Schedl 1940a: 348; Swaine 1909: 135, 1918a: 97, 101; Wood, S. L. 1972a: 426, 1982b: 1079.
- confractus* Bright 1955c: 179. Holotype ♀; Jamaica: Portland between Hardwar Gap and Green Hills, 1100 m; Carnegie Museum of Natural History, Pittsburgh.
Distribution: Antilles Islands (Jamaica).
References: (**ds**) Bright 1955c: 176, 179. (**tx**) Bright 1955c: 176, 179.
- confusus* Blandford 1904: 237. Lectotype ♀; San Geronimo, Guatemala; BMNH, London, designated by Bright 1976b: 184.
Figures: Bright 1951d: 370.
Distribution: North America (El Salvador/ Guatemala/ Honduras/ Chiapas, Durango, Guerrero, Jalisco in Mexico/ Nicaragua/ Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, Pennsylvania, South Carolina, Texas, Virginia, West Virginia in USA).
Hosts: *Pinus cchinata*, *P. elliotti*, *P. michoacana*, *P. ochoterenai*, *P. oocarpa*, *P. palustris*, *P. taeda*.
Notes: (3) Bright 1951d: 291 (subspecies *bellus* recognized). Subspecies apparently based on obscure clinal variation; validity very doubtful (SLW).
References: (**bv**) Turnbow & Franklin 1980. (**ec**) Becker 1953, 1955. (**hb**) Becker 1953, 1955; Deyrup & Atkinson 1957a: 66; Schwerdtfeger 1957c: 494. (**ds**) Atkinson & Equihua 1985c: 360, 1988: 96; Becker 1953; Blackwelder 1947: 781; Bright 1951d: 291; Deyrup & Atkinson 1957a: 66; Kleine 1913b: 140, 1914b: 363; Schedl 1963c: 158, 1977e: 42; Turnbow & Franklin 1980; Wood, S. L. 1977a: 72, 1982b: 1100. (**tx**) Blandford 1904: 237; Bright 1976b: 184, 1951d: 291; Hagedorn 1910a: 100; Hopkins 1905b: 74; de Ruelle 1970: 104; Schedl 1938a: 183, 1955g: 18–19; Wood, S. L. 1977d: 515, 1982b: 1100.
- bellus* Blackman 1925b: 123. Holotype ♀; Monongalia Co., West Virginia [USA]; USNM, Washington. Synonymy: Wood 1977d: 515.
Notes: (3) Bright 1951: 291 (a subspecies of *confusus*, validity?).
References: (**en**) Blackman 1950. (**hb**) Beal & Massey 1945: 129; Blackman 1950; Chamberlin

1939: 396. **(ds)** Beal & Massey 1945: 129; Blackman 1950; Bright 1981d: 291; Chamberlin 1939: 396; Kirk 1969, 1970; Kleine 1934a: 158; Knull 1932: 66; Leng & Mutchler 1933: 52; Smith, J. B. 1910: 401. **(tx)** Beal & Massey 1945: 129; Blackman 1928b: 115, 123–124; Bright 1981d: 291, 370; Chamberlin 1939: 396; Hopkins 1915c: 186; de Ruelle 1970: 108; Wood, S. L. 1977d: 515.

congonus Eggers 1927a: 185. Syntypes, sex?, Belg. Congo: MRCB, Tervuren and Eggers Collection, 1 Eggers syntype in NHMW, Wien.

Distribution: Africa (Zaire).

Hosts: *Azelia africanus*, *Albizzia gummifera*, *Pentaclethra celtidifera*.

References: **(cn)** Ghesquiere 1933a, **(hb)** Schedl 1962j: 6. **(ds)** Ghesquiere 1933a: 33–35, 1933b: 783; Kleine 1934a: 159; Schedl 1962j: 6. **(tx)** Eggers 1927a: 185; Schedl 1933a: 183, 1962j: 5, 7, 1965f: 10, 1979c: 63.

conscriptus Bright 1986b: 680. Holotype ♀; Mexico: La Herradura, Mpio. Tepoztlán, Mor: CNCI, Ottawa.

Distribution: North America (Morelos in Mexico).

References: **(tx)** Bright 1986b: 680.

consimilis LeConte 1878b: 622. Lectotype ♂; Marquette, Michigan [USA]; MCZ, Cambridge, designated by Bright 1976b: 185.

Figures: Bright 1981d: 369.

Distribution: North America (Alberta, British Columbia, Manitoba, Nova Scotia, Ontario, Quebec, Saskatchewan in Canada/ Florida, Georgia, Kentucky, Louisiana, Maine, Massachusetts, Michigan, Minnesota, Mississippi, New Hampshire, New York, North Carolina, Ohio, South Carolina, Tennessee, Virginia, West Virginia, Wisconsin in USA).

Hosts: *Picea glauca*, *P. sp.*, *Pinus banksiana*, *P. resinosa*, *P. rigida*, *P. strobus*, *P. taeda*, *P. virginiana*, *P. spp.*, *Larix laricina*.

Notes: (3) Blackman 1928b: 131 (redescribed).

References: **(ay)** Thomas, J. B. 1957: 4. **(cn)** Bentenmiller 1891: 50; Blackman 1950; Doane et al. 1936; Felt 1906: 482, 503, 737; Schuder 1969: 80; Swaine 1918a: 104; Syme & Nystrom 1985: 84; Thomas, J. B. 1958: 394. **(ec)** Ashmead 1894: 33; Bushing 1965: 464; Felt 1906: 482; Pierce, W. D. 1908: 385; Riley 1891c: 123; Riley & Howard 1891: 123; Schwarz 1889a: 163; Thomas, J. B. 1958: 394. **(hb)** Beal & Massey 1945; Blackman 1950; Chamberlin 1939: 397; Doane et al. 1936; Felt 1906: 482; Swaine 1918a: 104. **(ds)** Anonymous 1926c: 519; Beal & Massey 1945; Beaulne 1956; Blackman 1950; Blatchley & Leng 1916: 630; Bright 1976d: 186, 1981d: 283; Burks 1979: 781; Chamberlin 1939: 397; Chapin 1917: 29; Devrup 1981b: 8; Dodge 1938; Evans, D. 1983: 35; Hagedorn 1910d: 71; Henshaw 1882: 268, 1885: 147; Hopkins 1893a: 130, 1893b: 209;

Hubbard & Schwarz 1878a: 665, 1878b: 622; Kleine 1913b: 140, 1914b: 384, 1934a: 159; Leng 1920: 341; Leonard 1928: 519; Notman 1920: 184; Schuder 1969: 80; Schwarz 1889a: 163–164, 1891c: 357; Swaine 1909: 135; Syme & Nystrom 1985: 84; Ulke 1902: 56; Wood, S. L. 1982b: 1104. **(tx)** Beal & Massey 1945; Blackman 1921: 14–16, 1928b: 116, 131–133; Blatchley & Leng 1916: 630; Bright 1976b: 185, 1981d: 283, 369; Chamberlin 1939: 397; Dodge 1938: 43, 45; Evans, D. 1983: 35; Hagedorn 1910a: 100; LeConte 1878b: 622; Schedl 1955g: 25; Schwarz 1891a: 167, 1891c: 357, 1893: 167, 1909: 135; Swaine 1909: 135, 1918a: 104; Syme & Nystrom 1985: 84; Thomas, J. B. 1957: 4; Titus, Meikle, & Harrison 1985: 105; Wood, S. L. 1977d: 515, 1982b: 1104. **granulatus** Swaine 1917: 28. Lectotype ♂; presumably Manitoba, Quebec, or Nova Scotia [Canada]; CNCI, Ottawa, designated by Bright 1967b: 675. Synonymy: Blackman 1928b: 132.

References: **(cn)** Barker 1949: 52; Browne 1968b: 566; Chamberlin 1924; Pettit 1928: 1–2; Swaine 1918a: 98, 103. **(hb)** Blackman 1919a, 1922b; Browne 1968b: 564; Swaine 1918a: 98, 103. **(ds)** Anonymous 1926c: 519; Blackman 1922b; Browne 1968b: 564; Chamberlin 1925; Hatch 1924; Kleine 1934a: 160; Leng 1920: 341; Leonard 1928: 519. **(tx)** Blackman 1919a: 85–96, 1919b: 137–139, 1922b: 101, 107–108, 1928b: 131–133; Bright 1967b: 678; Hoebeke 1978; de Ruelle 1970: 109; Swaine 1917: 28, 1918a: 98, 103.

nichus Swaine 1917: 30. Lectotype ♂; Ste. Anne de Bellevue, Quebec [Canada]; CNCI, Ottawa, designated by Bright 1967b: 678. Synonymy: Wood 1977d: 515.

References: **(cn)** Blackman 1950; Chamberlin 1924; Swaine 1918a: 98, 104; Swaine & Craighead 1924: 1–27. **(hb)** Beal & Massey 1945; Blackman 1922b: 102, 108, 1950; Chamberlin 1939: 397; Swaine 1918a: 98, 104; Thomas, J. B. 1958: 394. **(ds)** Anonymous 1926c: 519; Beal & Massey 1945; Beaulne 1956; Blackman 1922b: 102, 108, 1950; Chamberlin 1925, 1939: 397; Dodge 1938; Hatch 1924; Kleine 1934a: 160; Knull 1932: 66; Leng 1920: 341; Leonard 1928: 519. **(tx)** Beal & Massey 1945; Blackman 1919b: 139–140, 1922b: 102, 108, 1928b: 113, 116; Bright 1967b: 678; Chamberlin 1939: 397; Dodge 1938: 43–45; Hoebeke 1978; de Ruelle 1970: 110; Swaine 1917: 28, 30, 1918a: 98, 103–106; Wood, S. L. 1977d: 515.

conspectus Wood 1976c: 360. Holotype ♀; Volcan Inzunza, Cartago, Costa Rica, 2300 m; Wood Collection. Distribution: North America (Costa Rica).

Hosts: *Quercus* sp.

References: **(ds)** Bright 1981d: 105; Wood, S. L.

- 1952b: 1053. (tx) Bright 1951d: 105; Wood, S. L. 1976c: 360, 1982b: 1083.
- coronarius Blackman** 1942a: 220. Holotype ♀; Jalisco, Mexico; USNM, Washington.
Figures: Bright 1951d: 334.
Distribution: North America (Jalisco in Mexico).
Hosts: *Sambucus* sp.
References: (hb) Burgos & Saucedo 1983: 122. (ds) Atkinson & Equihua 1985c: 359; Atkinson et al. 1986: 70; Blackwelder 1947: 781; Bright 1951d: 33, 1955a: 472; Burgos & Saucedo 1983: 122; Wood, S. L. 1942a: 220, 1952b: 1115. (tx) Blackman 1942a: 220; Bright 1951d: 33, 334.
- corruptus Wood** 1976c: 363. Holotype ♀; 5 km S Matamoros, Puebla, Mexico, 2000 m; Wood Collection.
Distribution: North America (Puebla in Mexico).
Hosts: *Toxicodendron* sp.
References: (ds) Bright 1951d: 68, 1986a: 645, 1986b: 652. (tx) Bright 1951d: 68; McNamara 1984: 754; Wood, S. L. 1976c: 363, 1982b: 1133.
- cortezii Bright** 1977: 523. Holotype ♀; Ixtaccihuatl-Popocatepetl National Park, Mexico-Puebla border, Mexico; CNCI, Ottawa.
Figures: Bright 1951d: 352.
Distribution: North America (Mexico, Puebla in Mexico).
Hosts: *Pinus hartwegii*.
References: (hb) Atkinson & Equihua 1985c: 360; Atkinson et al. 1986a: 37. (ds) Atkinson & Equihua 1985a: 95, 1985c: 360, 1988: 96; Atkinson et al. 1986: 37; Bright 1951d: 172; Wood, S. L. 1982b: 1097. (tx) Bright 1977: 523, 1981d: 172, 352; McNamara 1984: 755; Wood, S. L. 1982b: 1097.
- corticalis Eichhoff** 1872a: 135. Holotype, sex?; Chili; Hamburg Museum, lost.
Distribution: South America (Chile).
References: (ds) Blackwelder 1947: 781; Gemminger & Harold 1872: 2688; Hagedorn 1910d: 71; Kleine 1913b: 140, 1914b: 332; Schedl 1972d: 144. (tx) Eichhoff 1872a: 135, 1878b: 191; Hagedorn 1910a: 100; Schedl 1938a: 183, 1951d: 17, 1951m: 112, 1972d: 144.
- costabilis Wood** 1976c: 352. Holotype ♀; 46 km W Tizapan, Jalisco, Mexico; Wood Collection.
Distribution: North America (Jalisco).
Hosts: *Thevetia* sp.
References: (ce) Equihua & Atkinson 1986: 634. (hb) Atkinson et al. 1986: 70; Equihua & Atkinson 1986: 634. (ds) Atkinson et al. 1986: 70; Bright 1951d: 74, 1985b: 482; Equihua & Atkinson 1986: 634; Wood, S. L. 1982b: 1121. (tx) Bright 1951d: 74, 1985b: 482; Wood, S. L. 1976c: 352, 1982b: 1121.
- costalmi Blackman** 1942a: 223. Holotype ♀; Brazil; USNM, Washington.
Figures: Blackman 1942a: fig. 34.
Distribution: South America (Brazil).
References: (cn) Costa Lima 1956. (hb) Costa Lima 1956. (ds) Blackwelder 1947; Costa Lima 1956. (tx) Blackman 1942a: 223–224; Costa Lima 1956; Schedl 1938a: 165, 169.
- costatulus Wood** 1976c: 351. Holotype ♀; 29 km W Nilttepec, Oaxaca, Mexico; Wood Collection.
Distribution: North America (Jalisco, Oaxaca in Mexico).
Hosts: *Thevetia* sp.
References: (ce) Equihua & Atkinson 1986: 634. (hb) Atkinson et al. 1986: 70; Burgos & Saucedo 1983: 122; Equihua & Atkinson 1986: 634. (ds) Atkinson et al. 1986: 70; Bright 1951d: 73, 1985b: 482; Burgos & Saucedo 1983: 122; Equihua & Atkinson 1986: 634; Wood, S. L. 1982b: 1120. (tx) Bright 1951d: 73; McNamara 1984: 755; Wood, S. L. 1976c: 351, 1982b: 1120.
- costatus Wood** 1975b: 395. Holotype ♀; Tapanti, Cartago, Costa Rica. 1800 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: *Liana*.
References: (ds) Bright 1951d: 47; Wood, S. L. 1982b: 1025. (tx) Bright 1951d: 47; McNamara 1984: 755; Wood, S. L. 1975b: 395, 1982b: 1025.
- costifera Bright** 1985b: 477. Holotype ♀; Mexico; Taxco, Guerrero; CNCI, Ottawa.
Distribution: North America (Guerrero in Mexico).
Hosts: Apocynaceae sp.
References: (tx) Bright 1985b: 477.
- cracentis Bright** 1985b: 477. Holotype ♀; Mexico; Carr. Xochicalco-Guentepec, Km 6, Tenixco, Moralia; CNCI, Ottawa.
Distribution: North America (Morelos in Mexico).
Hosts: Compositae sp.
References: (tx) Bright 1985b: 477.
- crassus Blackman** 1928b: 67. Holotype ♀; Capitan, New Mexico [USA]; USNM, Washington.
Figures: Bright 1951d: 368.
Distribution: North America (Durango, Hidalgo, Mexico, Michoacan, Morelos, Nuevo Leon, Oaxaca, Puebla, Querteraro, Tlaxcala, Veracruz in Mexico; Arizona, Colorado, New Mexico, W Texas, Wyoming in USA).
Hosts: *Pinus aristata*, *P. arizonica*, *P. ayacahuite*, *P. cembroides*, *P. contorta* (rare), *P. cooperi*, *P. culminicola*, *P. durangensis*, *P. edulis*, *P. engelmannii*, *P. flexilis*, *P. greggii*, *P. hartwegii*, *P. leiophylla*, *P. limholtzii*, *P. montezuma*, *P. oocarpa*, *P. patula*, *P. ponderosa*, *P. strobiformis*, *P. teocote*.
References: (hb) Atkinson et al. 1986: 37; Burgos & Saucedo 1983: 120; Chamberlin 1939: 376. (ds) Atkinson & Equihua 1985a: 97, 1988: 96; Atkinson et al. 1986: 37; Bright 1951c: 275; Burgos & Saucedo 1983: 120; Chamberlin 1939: 376; Keen 1929a: 32; Kleine 1934a: 159; Leng & Mutchler 1933: 62; Rio Mora 1985: 11; Schedl 1963c: 158. (tx) Blackman 1928b: 60, 67–69, 1942a: 212–213;

- Bright 1951d: 275, 368; Chamberlin 1939: 376; Keen 1929a: 32; Rio Mora 1955: 11; de Ruette 1970: 109; Wood, S. L. 1952b: 1081.
- crinalis Blackman** 1928b: 41. Holotype ♀; Washington, D.C. [USA]; USNM, Washington. Figures: Bright 1951d: 338.
Distribution: North America (Connecticut, District of Columbia, Florida, Georgia, Illinois, Indiana, Kentucky, Maryland, Massachusetts, Michigan, Mississippi, North Carolina, Texas, West Virginia in USA).
Hosts: *Rhus toxicodendron*, *R. vernix*.
References: (hb) Turnbow & Franklin 1950. (hb) Baker, W. L. 1972: 255; Beal & Massey 1945: 128; Chamberlin 1939: 362; Deyrup & Atkinson 1957a: 66. (ds) Beal & Massey 1945: 128; Bright 1951d: 66; Chamberlin 1939: 362; Deyrup 1951b: 8; Deyrup & Atkinson 1957a: 66; Drooz 1985: 363; Favinger & Wade 1973; Kleine 1934a: 159; Leng & Mutschler 1933: 52; Turnbow & Franklin 1950; Wood, S. L. 1952b: 1134. (tx) Beal & Massey 1945: 128; Blackman 1928b: 41; Bright 1951d: 66, 338; Chamberlin 1939: 362; McNamara 1984: 755; Weber, B. C., & McPherson 1991: 54; Wood, S. L. 1952b: 1134.
- cristatus Wood** 1964: 68. Holotype ♀; 14 km N Perote, Veracruz, Mexico; Wood Collection. Figures: Bright 1951d: 118, 343.
Distribution: North America (Durango, Hidalgo, Mexico, Michoacan, Oaxaca, Veracruz in Mexico/ Arizona in USA).
Hosts: *Pinus ayacahuite*, *P. engelmannii*, *P. leiophylla*, *P. lumholtzii*, *P.* spp.
References: (hb) Atkinson & Equilma 1955c: 359; Atkinson et al. 1956: 37; Burgos & Saucedo 1983: 118. (ds) Atkinson & Equilma 1955c: 359, 1955: 96; Atkinson et al. 1956: 37; Bright 1971b: 65, 1951d: 114; Burgos & Saucedo 1983: 118; Rio Mora 1955: 13; Thomas, J. B. 1966; Wood, S. L. 1952b: 1067. (tx) Bright 1951d: 114, 118, 343; Rio Mora 1955: 13; Wood, S. L. 1964: 68, 1952b: 1067.
- crotonis Wood** 1977d: 517. Holotype ♂; 30 km E Merida, Merida, Venezuela, 2500 m; Wood Collection.
Distribution: South America (Venezuela).
Hosts: *Croton* sp.
References: (tx) Wood, S. L. 1977d: 517.
- culminicola Bright** 1977: 524. Holotype ♀; Cerro Potosi, Nuevo Leon, Mexico; CNCI, Ottawa. Figures: Bright 1951d: 359.
Distribution: North America (Nuevo Leon in Mexico).
Hosts: *Pinus culminicola*.
References: (ds) Bright 1951d: 215; Wood, S. L. 1952b: 1036. (tx) Bright 1977: 524, 1951d: 215, 359; McNamara 1984: 755; Wood, S. L. 1952b: 1036.
- cuspιδatus Blackman** 1942a: 217. Holotype ♀; Jacala, Hidalgo, Mexico; USNM, Washington.
Distribution: North America (Durango, Hidalgo, Mexico, Puebla, Veracruz in Mexico/S Arizona in USA).
Hosts: *Pinus ayacahuite*, *P. lawsonii*, *P. lumholtzii*, *P. ponderosa*, *P. strobiformis*.
References: (ds) Atkinson & Equilma 1955c: 98, 1955: 96; Blackwelder 1947: 751; Bright 1951d: 324. (tx) Blackman 1942a: 217; Bright 1951d: 324; McNamara 1984: 755.
- debilis Wood** 1976a: 354. Holotype ♀; San Ignacio de Acosta, San Jose, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica/ Chiapas in Mexico).
Hosts: *Mauria glauca*, *Rhus* sp., and a tree branch.
References: (ds) Bright 1951d: 15; Wood, S. L. 1952b: 1122. (tx) Bright 1951d: 15; McNamara 1984: 755; Wood, S. L. 1976a: 354, 1952b: 1122.
- declivisetosus Bright** 1977: 525. Holotype ♀; 51 km SE Nochistlan, Oaxaca, Mexico; CNCI, Ottawa.
Distribution: North America (Oaxaca in Mexico).
Hosts: *Pinus pringlei*, *P.* sp.
References: (ds) Bright 1951d: 251; Wood, S. L. 1952b: 1062. (tx) Bright 1977: 525, 1951d: 251; McNamara 1984: 755; Wood, S. L. 1952b: 1062.
- degeuer Wood** 1975b: 397. Holotype ♂; Volcan Chiriqui (near Cerro Punta), Chiriqui, Panama, 1800 m; Wood Collection.
Distribution: North America (Panama).
Hosts: Tree limb.
References: (ds) Bright 1951d: 96; Wood, S. L. 1952b: 1029. (tx) Bright 1951d: 96; Wood, S. L. 1975b: 397, 1952b: 1029.
- deleoni (Blackman)** 1942a: 201 (*Mycloborus*). Holotype ♀; El Seco, Puebla, Mexico; USNM, Washington.
Distribution: North America (Nuevo Leon, Puebla in Mexico).
Hosts: *Pinus* sp.
Notes: (1) Bright 1976c: 427 (to *Pityophthorus*).
References: (hb) Bright 1951d: 202; Bright & Stark 1973: 109. (ds) Blackwelder 1947: 751; Bright 1951d: 202; Bright & Stark 1973: 109; Wood, S. L. 1952b: 1044. (tx) Blackman 1942a: 201; Bright 1976c: 427, 1951d: 202; Wood, S. L. 1952b: 1044.
- deletus LeConte** 1879: 519. Lectotype, sex?, Veta Pass, Colorado [USA]; MCZ, Cambridge, designated by Bright 1976b: 155.
Figures: Bright 1951d: 343.
Distribution: North America (Coahuila, Durango in Mexico/ Arizona, California, Colorado, Nevada, New Mexico, South Dakota, W Texas, Utah, Wyoming in USA).
Hosts: *Pinus cembroides*, *P. edulis*, *P. monophylla*, uncommon in *P. flexilis*, *P. ponderosa*, *P. strobiformis*.
Notes: (3) Blackman 1925b: 43 (re-described).
References: (cn) Swaine 1915a: 104. (hb) Cham-

berlin 1939: 364; Furniss, M. M. & Johnson 1957: 377; Swaine 1915a: 104. **(ds)** Atkinson & Equilma 1958: 96; Bright 1951d: 110, 1956b: 652; Chamberlin 1939: 364; Furniss, M. M. & Johnson 1957: 377; Hagedorn 1910d: 71; Henshaw 1852: 268, 1855: 147; Keen 1929a: 32; Kleine 1913b: 140, 1934a: 159; Leng 1920: 341; Swaine 1909: 135; Wickham 1896a: 309; Wood, S. L. 1952b: 1040. **(tx)** Blackman 1928b: 43–46; Bright 1976b: 185, 1977: 515, 1981d: 110, 343; Chamberlin 1939: 364; Hagedorn 1910a: 100; Keen 1929a: 32; LeConte 1879: 519; Swaine 1909: 135, 1915a: 104; Wood, S. L. 1977c: 357, 1982b: 1040.

inquietus Blackman 1928b: 46. Holotype ♀; Las Vegas H.S. [Hot Springs], New Mexico [USA]; USNM, Washington. Synonymy: Wood 1977c: 357.

References: **(hb)** Chamberlin 1939: 364. **(ds)** Chamberlin 1939: 364; Keen 1929a: 32; Kleine 1934a: 160; Leng & Mutchler 1933: 52; Wood, S. L. 1948: 51, 1951a: 128, 1972a: 425. **(tx)** Blackman 1928b: 43–47; Chamberlin 1939: 364; Keen 1929a: 32; de Ruelle 1970: 109; Wood, S. L. 1951a: 128, 1972a: 425, 1977c: 357.

monophyllae Blackman 1928b: 47. Holotype ♀; Argus Mts., California [USA]; USNM, Washington. Synonymy: Wood 1977c: 357.

References: **(hb)** Bright & Stark 1973: 107; Chamberlin 1939: 365. **(ds)** Bright & Stark 1973: 107; Chamberlin 1939: 365; Keen 1929a: 32; Kleine 1934a: 160; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 47; Bright 1971b: 67; Chamberlin 1939: 365; Keen 1929a: 32; Wood, S. L. 1964: 65, 1977c: 357.

socius Blackman 1928b: 48. Holotype ♂; Argus Mts., California [USA]; USNM, Washington. Synonymy: Bright 1971b: 67.

References: **(hb)** Chamberlin 1939: 365. **(ds)** Chamberlin 1939: 365; Keen 1929a: 32; Kleine 1934a: 161; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 48; Bright 1971b: 67; Chamberlin 1939: 365; Keen 1929a: 32; McNamara 1954: 758.

picus Bright 1966b: 297. Holotype ♀; Mount Pinos, Ventura Co., California [USA]; CAS, San Francisco. Synonymy: Bright 1971b: 67.

References: **(tx)** Bright 1966b: 297, 1971b: 67.

praealtus Bright 1966b: 303. Holotype ♀; Mt. Shasta Ski Area, Siskiyou Co., California [USA]; CAS, San Francisco. Synonymy: Wood 1977c: 357.

References: **(hb)** Bright & Stark 1973: 106. **(ds)** Bright & Stark 1973: 106. **(tx)** Bright 1966b: 303; de Ruelle 1970: 110; Wood, S. L. 1977c: 357.

brucki Bright 1971b: 63. Holotype ♂; Mt. Hawkins, San Bernardino Co., California [USA]; OSUC, Columbus. Synonymy: Wood 1977c: 358.

References: **(hb)** Bright & Stark 1973: 106. **(ds)** Bright & Stark 1973: 106. **(tx)** Bright 1971b: 63–64; Wood, S. L. 1977c: 357–358.

delicatus Wood 1975b: 399. Holotype ♀; 56 km SW El Salto, Durango, Mexico; Wood Collection. Distribution: North America (Guatemala/ Honduras/ Chiapas, Chihuahua, Durango, Mexico, Michoacan in Mexico).

Hosts: *Pinus ayacahuite*, *P. leiophylla*, *P. oocarpa*, *P. pseudostrobus*, *P. tenuifolia*, *P.* spp.

References: **(cn)** Schwerdtfeger 1956b: 48. **(hb)** Schwerdtfeger 1956b: 48. **(ds)** Atkinson & Equilma 1958: 96; Bright 1981d: 323; Wood, S. L. 1982b: 1109. **(tx)** Bright 1981d: 323; Wood, S. L. 1978b: 399, 1982b: 1109.

denticulatus (Wichmann) 1915a: 106 (*Trigonogenius*). Holotype ♂; Deutsch-Ostafrika; MNB, Berlin.

Distribution: Africa (Tanzania).

Hosts: Tree.

References: **(tx)** Eggers 1940a: 30; Lucas 1920: 683; Numberg 1956: 205; Schedl 1952d: 347, 1957e: 578, 1958k: 144, 1960i: 106, 1962j: 7–8; Wichmann 1915a: 106–107.

dentifrons Blackman 1922c: 125. Holotype ♀; Orono, Maine [USA]; USNM, Washington.

Figures: Blackman 1922c: figs. 22–23.

Distribution: North America (Alberta, New Brunswick, Newfoundland, Nova Scotia, Ontario, Prince Edward Island, Quebec in Canada/ Maine, Maryland, Minnesota, New Hampshire, New York, North Carolina, West Virginia in USA).

Hosts: *Abies fraseri*, *Picea glauca*, *P. rubens*, *Pinus banksiana*, *P. strobus*.

References: **(cn)** Blackman 1950. **(hb)** Baker, W. L. 1972: 255; Beal & Massey 1945: 134; Blackman 1950; Chamberlin 1939: 379. **(ds)** Anonymous 1926c: 519; Baker, W. L. 1972: 255; Beal & Massey 1945: 134; Blackman 1950: Bright 1971a: 127, 1976d: 186, 1981d: 226; Chamberlin 1925, 1939: 379; Drooz 1985: 364; Kleine 1934a: 159; Leng & Mutchler 1927: 52; Leonard 1928: 519; Wood, S. L. 1982b: 1072. **(tx)** Beal & Massey 1945: 134; Blackman 1922c: 125–126, 1928b: 62, 81; Bright 1981d: 226; Chamberlin 1939: 379; de Ruelle 1970: 109; Wood, S. L. 1982b: 1072.

deodara (Stebbing) 1903: 274 (*Cryphalus*). Syn-types ♀; India: N.W. Himalayas, Bashahr Div., Kotgarh, Nagkela Forest, Jaunsar Div., Konaïn; FRI, Dehra Dun.

Distribution: Asia (Himachal Pradesh, Kashmir, and Uttar Pradesh in India).

Hosts: *Abies pindrow*, *A. webbiana*, *Cedrus deodara*, *Pinus excelsa*, *P. roxburghii*.

Notes: (3) Beeson 1941 (1961: 292) (cited *chir*, nomen nudum, *pindrow*, nomen nudum, synonyms).

References: **(cn)** Pierce, W. D. 1917: 52; Stebbing 1903a: 274, 1914: 528. **(cc)** Stebbing 1914: 528.

- (hb)** Stebbing 1903a: 274, 1914: 528. **(ds)** Beeson 1961: 292; Hagedorn 1910d: 41; Kleine 1913b: 118, 1914b: 269, 276, 1934a: 159; Pierce, W. D. 1917: 52; Stebbing 1903a: 274. **(tx)** Hagedorn 1910a: 86; Stebbing 1903: 274, 1914: 528.
- himalayensis* Stebbing 1914: 540 (*Cryphalus*).
 Syntypes, sex?: Jamsar, Simla Forests, North-West Himalaya; FRI, Dehra Dun. Synonymy: Wood 1989: 175.
 References: **(cn)** Pierce, W. D. 1917: 52; Stebbing 1914: 540. **(cc)** Stebbing 1914: 540. **(hb)** Stebbing 1914: 540. **(ds)** Beeson 1961: 292; Pierce, W. D. 1917: 52; Schedl 1974a: 86. **(tx)** Stebbing 1914: 540; Wood, S. L. 1989: 175.
- sampsoni* Stebbing 1914: 551. Syntypes, sex?: Jamsar, North-West Himalaya; FRI, Dehra Dun, lost. Synonymy: Wood 1989: 175.
 References: **(cn)** Browne 1968: 565; Pierce, W. D. 1917: 74; Stebbing 1914: 551. **(cc)** Beeson 1922c: 497; Stebbing 1914: 551. **(hb)** Beeson 1922c: 497; Browne 1968: 565; Stebbing 1914: 551. **(ds)** Beeson 1922c: 497, 1961: 292; Browne 1968: 565; Pierce, W. D. 1917: 74; Zethner 1973. **(tx)** Stebbing 1914: 551; Wood, S. L. 1989: 175.
- deprecator* Schaufuss 1891: 15. Syntypes 2, sex?: Madagascar; Hamburg Museum, lost.
 Distribution: Madagascar.
 References: **(ds)** Alluaud 1900: 441; Anonymous 1892: 165; Fairmaire 1892b; Hagedorn 1910d: 71; Kleine 1913b: 140, 1914b: 326; Schedl 1977b: 111. **(tx)** Fairmaire 1892b; Hagedorn 1910a: 100, 1913b: 244; Schaufuss 1891: 15; Schedl 1938a: 183, 1977b: 111.
- desultorius* Bright 1985b: 478. Holotype ♀: Mexico: Oriental, Puebla; CNCI, Ottawa.
 Distribution: North America (Puebla in Mexico).
 Hosts: Compositae sp.
 References: **(tx)** Bright 1985b: 478.
- detectus* Schedl 1972g: 66. Holotype ♀: Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
 Distribution: South America (Brazil).
 References: **(tx)** Schedl 1972g: 66.
- detentus* Wood 1976a: 352. Holotype ♀: Carapan, Michoacan, Mexico, 2300 m; Wood Collection.
 Distribution: North America (Michoacan, Queretaro in Mexico).
 Hosts: *Toxicodendron* sp., and a liana.
 References: **(ds)** Bright 1981d: 82; Wood, S. L. 1982b: 112. **(tx)** Bright 1981d: 82; McNamara 1984: 755; Wood, S. L. 1976a: 352, 1982b: 1121.
- digestus* (LeConte) 1874a: 71 (*Cryphalus*). Lectotype, sex?: Mojave Desert [USA]; MICZ, Cambridge, designated by Bright 1976b: 185.
 Figures: Bright 1981d: 366.
 Distribution: North America (Alberta, S British Columbia in Canada/ Durango in Mexico/ Arizona, California, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming in USA).
 Hosts: *Pinus contorta*, *P. jeffreyi*, *P. ponderosa*, *P. washoensis*.
 Notes: (1) LeConte 1876: 355 (to *Pityophthorus*). (3) Blackman 1928b: 54 (re-described).
 References: **(hb)** Bright & Stark 1973: 108; Chamberlin 1939: 368. **(ds)** Blaisdell 1892: 36; Bright 1981d: 261; Bright & Stark 1973: 108; Chamberlin 1939: 368; Gast et al 1989: 355; Hagedorn 1910d: 71; Henshaw 1882: 269, 1885: 147; Keen 1929a: 32; Kleine 1913b: 140, 1914b: 391, 1934a: 159; Leng 1920: 341; Swaine 1909: 135; Wood, S. L. 1982b: 1032. **(tx)** Blackman 1928b: 53–55; Bright 1976b: 185, 1977: 514, 1981d: 261, 366; Chamberlin 1939: 368; Hagedorn 1910a: 100; Keen 1929a: 32; LeConte 1874a: 71, 1876: 354–355; Swaine 1909: 135; Wood, S. L. 1978b: 395, 1982b: 1032.
- idoneus* Blackman 1928b: 55. Holotype ♀: Centerville, Idaho [USA]; USNM, Washington.
 Synonymy: Bright 1977: 514.
 References: **(cn)** Anonymous 1964h; Lindgren 1980a: 68. **(hb)** Bright & Stark 1973: 108; Chamberlin 1939: 368, 1955: 149; Lindgren 1980a: 68. **(ds)** Anonymous 1964h; Bright 1976d: 182; Bright & Stark 1973: 108; Chamberlin 1939: 368; Evans, D. 1983: 35; Keen 1929a: 32; Kleine 1934a: 160; Leng & Mutchler 1933: 52; Wood, S. L. 1972a: 425. **(tx)** Blackman 1928b: 55; Bright 1966b: 304, 1977: 514; Chamberlin 1939: 368, 1955: 149; Evans, D. 1983: 35; Keen 1929a: 32; Wood, S. L. 1972a: 425.
- hopkinsi* Blackman 1928b: 56. Holotype ♀: California: Ventura Co. [USA]; USNM, Washington. Synonymy: Bright 1966b: 304.
 References: **(cc)** Marsh 1979: 150. **(hb)** Chamberlin 1939: 368. **(ds)** Chamberlin 1939: 368; Keen 1929a: 32; Kleine 1934a: 160; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 56; Bright 1966b: 304, 1977: 514; Chamberlin 1939: 368; Keen 1929a: 32.
- ponderosae* Blackman 1928b: 57. Holotype ♀: Las Vegas H.S. [Hot Springs], New Mexico [USA]; USNM, Washington. Synonymy: Bright 1966b: 304.
 References: **(cn)** Anonymous 1967f. **(hb)** Chamberlin 1939: 369, 1955: 150. **(ds)** Anonymous 1967f; Chamberlin 1939: 369, 1955: 150; Keen 1929a: 32; Kleine 1934a: 161; Leng & Mutchler 1933: 52; Smith, G. S. 1930. **(tx)** Blackman 1928b: 57; Bright 1966b: 304, 1977: 514; Chamberlin 1939: 369, 1955: 150; Hoebeke 1978; Keen 1929a: 32; de Ruelle 1970: 110; Schedl 1930: 195; Wood, S. L. 1967d: 39.
- aplauatus* Schedl 1930: 195. Holotype ♀: Athabasca Falls, Alberta [Canada]; CNCI, Ottawa. Synonymy: Wood 1978b: 395.

- Notes: (3) Bright 1951d: 212 (a good species). Wood 1952b: 1032 (a character cline from Alberta to eastern Wyoming intergrades with *digestus*).
- References: (cn) Lindgren, B. 1980a: 67. (hb) Chamberlin 1939: 369; Lindgren, B. 1980a: 67. (ds) Bright 1976d: 180, 1981d: 212; Chamberlin 1939: 369; Evans, D. 1983: 34; Leng & Mutchler 1933: 52. (tx) Bright 1981d: 212, 352; Chamberlin 1939: 369; Evans, D. 1983: 34; de Ruelle 1970: 108; Schedl 1930: 195; Wood, S. L. 1975: 395.
- diglyphus Blandford** 1904: 240. Lectotype, sex?; Quiche Mts., Guatemala; BMNH, London, designated by Bright 1976b: 184.
- Distribution: North America (Guatemala).
- Hosts: *Pinus pseudostrobus*.
- References: (hb) Atkinson et al. 1986: 38; Burgos & Saucedo 1983: 118. (ds) Atkinson et al. 1986: 38; Blackwelder 1947: 781; Bright 1981d: 121, 1986b: 653; Burgos & Saucedo 1983: 118; Hagedorn 1910d: 71; Kleine 1913b: 140, 1914b: 362; Wood, S. L. 1982b: 1058. (tx) Blandford 1904: 240; Bright 1976b: 184, 1977: 515, 1981d: 121; Hagedorn 1910a: 100; Schedl 1935a: 183, 1955g: 18; Wood, S. L. 1982b: 1058.
- diligens Wood** 1976a: 363. Holotype ♀; 16 km E Pachuca, Hidalgo, Mexico; Wood Collection.
- Distribution: North America (Hidalgo in Mexico).
- Hosts: Desert shrub, *Zexmenia* sp.
- References: (ds) Atkinson & Equihua 1985a: 92; Bright 1981c: 77, 1982b: 482, 1985b: 482; Wood, S. L. 1982b: 1132. (tx) Bright 1981d: 77; McNamara 1984: 755; Wood, S. L. 1976a: 363, 1982b: 1132.
- dimidiatus Blackman** 1942a: 221. Holotype ♀; Mexico [intercepted at USA port of entry]; USNM, Washington.
- Distribution: North America ("Mexico").
- References: (ds) Blackwelder 1947: 781; Bright 1981d: 41; Wood, S. L. 1982b: 1138. (tx) Blackman 1942a: 221; Bright 1981c: 41; McNamara 1984: 755; Wood, S. L. 1982b: 1138.
- diminutivus Bright** 1985a: 468. Holotype ♀; Mexico: Estacion de Biología, Chamela, Edo. Jalisco; CNCI, Ottawa.
- Distribution: North America (Jalisco in Mexico).
- Hosts: Leguminosae sp.
- References: (tx) Bright 1985a: 468.
- dimorphus Schedl** 1959m: 551. Holotype ♀; Matto Grosso: Rio Caragnata; Schedl Collection in NHMW, Wien.
- Distribution: South America (Brazil).
- References: (tx) Schedl 1959m: 551, 1979c: 81.
- brasiliensis Schedl** 1954b: 38. Syntypes ♀; Brasilien: Matto Grosso, Rio Caragnata; Schedl Collection in NHMW, Wien, and Planmann Collection, preoccupied by Schedl 1938. Synonymy: Schedl 1979c: 81, Wood 1984b: 227.
- Notes: (1) Schedl 1979c: 45 (citation of holotype invalid).
- References: (tx) Schedl 1954b: 38, 1979c: 45, 81; Wood, S. L. 1984b: 227.
- discretus Wood** 1977c: 394. Holotype ♀; 5 km W El Salto, Durango, Mexico, 2500 m; Wood Collection.
- Distribution: North America (Durango, Jalisco, Michoacan, Puebla in Mexico).
- Hosts: *Pinus ayacahuite*, *P. sp.*
- References: (ds) Bright 1981d: 283; Rio Mora 1985: 14; Wood, S. L. 1982b: 1098. (tx) Bright 1981d: 283; Wood, S. L. 1977c: 394, 1982b: 1098.
- dispar Bright** 1976c: 431. Holotype ♀; 11 km E San Cristobal, Chiapas, Mexico; CNCI, Ottawa.
- Figures: Bright 1981d: 341.
- Distribution: North America (Chiapas in Mexico).
- Hosts: *Pinus montezuma*, *P. ochoterenai*.
- References: (ds) Bright 1981d: 91; Wood, S. L. 1982b: 1037. (tx) Bright 1976c: 431, 1981d: 91, 341; McNamara 1984: 755; Wood, S. L. 1982b: 1037.
- dissolutus Wood** 1975b: 398. Holotype ♀; 13 km SE Cartago, Cartago, Costa Rica, 1800 m; Wood Collection.
- Distribution: North America (Costa Rica/Panama).
- Hosts: Liana and a tree seedling.
- References: (ds) Bright 1981d: 98; Wood, S. L. 1982b: 1031. (tx) Bright 1981d: 98; McNamara 1984: 755; Wood, S. L. 1975b: 398, 1982b: 1031.
- diversus Bright** 1972d: 87. Holotype ♂; Cornwall Mountain, Westmoreland Parish, Jamaica; CNCI, Ottawa.
- Distribution: Antilles Islands (Jamaica).
- References: (ds) Bright 1985c: 176. (tx) Bright 1972d: 87, 1985c: 176; McNamara 1977: 197.
- djuguensis Eggers** 1940b: 103. Holotype, sex?; Congostaat: Ituri (Djugu); MRCB, Tervuren.
- Distribution: Africa (Zaire).
- References: (tx) Eggers 1940b: 103–104; Schedl 1962j: 8.
- ituriensis Eggers** 1940b: 104. Holotype, sex?; Congostaat: Ituri (Djugu); MRCB, Tervuren.
- Synonymy: Schedl 1962j: 8.
- References: (tx) Eggers 1940b: 104; Schedl 1962j: 8.
- dolus Wood** 1964: 65. Holotype ♀; McCloud, Siskiyou Co., California [USA]; Wood Collection.
- Distribution: North America (California in USA).
- Hosts: *Pinus lambertiana*, *P. ponderosa*.
- Notes: (3) Bright 1981d: 110 (treated this name as a synonym of *deletus*).
- References: (hb) Bright & Stark 1973: 107. (ds) Bright 1981d: 110; Bright & Stark 1973: 107; Wood, S. L. 1982b: 1039. (tx) Wood, S. L. 1964: 65, 1982b: 1039.

- dorsalis** Schedl 1953d: 94. Syntypes ♂ ♀; Madagascar: Mt. d'Ambre; MNHN, Paris and Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
Hosts: *Dichaetanthera cordifolia*.
References: (hb) Schedl 1977b: 111. (ds) Schedl 1977b: 111. (tx) Schedl 1953d: 94, 1965c: 69, 1977b: 111, 1979c: 83.
- durus** Blackman 1928b: 70. Holotype ♀; Paradise, Arizona [USA]; USNM, Washington.
Figures: Bright 1981d: 364.
Distribution: North America (Chihuahua, Durango, Hidalgo, Mexico, Michoacan, Morelos, Nuevo Leon, Oaxaca, Puebla, Sonora, Veracruz in Mexico/ Arizona in USA).
Hosts: *Pinus lawsonii*, *P. leiophylla*, *P. michoacana*, *P. pringlei*, *P. strobiliformis*, *P. sp.*
References: (hb) Atkinson et al. 1986: 38; Chamberlin 1939: 377. (ds) Atkinson & Equihua 1985a: 96, 1988: 96; Atkinson et al. 1986: 38; Bright 1981d: 252; Chamberlin 1939: 377; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Rio Mora 1955: 13; Thomas, J. B. 1966; Wood, S. L. 1982b: 1060. (tx) Blackman 1928b: 60, 70-71; Bright 1981d: 252, 364; Chamberlin 1939: 377; Rio Mora 1955: 13; Wood, S. L. 1982b: 1060.
- eggersi** Schedl 1952d: 347. Holotype ♀?; Kamerun; Schreiner Collection in Hamburg Museum to Eggers Collection, now in NHMW, Wien, automatic.
Distribution: Africa (Cameroon).
References: (ds) Schedl 1966c: 225. (tx) Schedl 1952d: 347, 1962j: 8.
- similis** Eggers 1920: 34 (*Trigonogenius*). Holotype ♀?; Kamerun; Schreiner Collection in Hamburg Museum to Eggers Collection, in NHMW, Wien, preoccupied by Eichhoff 1869.
References: (ds) Blackwelder 1947: 782; Hagedorn 1910d: 75. (tx) Eggers 1920: 34-35; Hagedorn 1910a: 101; Lucas 1920: 683; Schedl 1952d: 347, 1979c: 230.
- elatinus** Wood 1964: 66. Holotype ♀; 8 km W Ciudad Hidalgo, Michoacan, Mexico; Wood Collection.
Figures: Atkinson et al. 1986: 33, Bright 1981d: 345.
Distribution: North America (Mexico, Michoacan, Tlaxcala in Mexico).
Hosts: *Abies religiosa*.
References: (hb) Atkinson & Equihua 1985a: 93; Atkinson et al. 1986: 38; Burgos & Saucedo 1983: 119. (ds) Atkinson & Equihua 1985a: 93, 1988: 96; Atkinson et al. 1986: 38; Bright 1981d: 125; Burgos & Saucedo 1983: 119; Wood, S. L. 1982b: 1072. (tx) Atkinson et al. 1986: 33; Bright 1981d: 125, 345; Wood, S. L. 1964: 66, 1982b: 1072.
- electus** Blackman 1928b: 140. Holotype ♀; Ashland, Oregon [USA]; USNM, Washington.
Distribution: North America (California, Oregon in USA).
Hosts: *Pinus coulteri*, *P. jeffreyi*, *P. ponderosa*.
References: (hb) Chamberlin 1939: 401, 1958: 161. (ds) Bright 1981d: 254; Chamberlin 1939: 401, 1958: 161; Keen 1929a: 34; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1972a: 427, 1982b: 1066. (tx) Blackman 1928b: 140; Bright 1981d: 254; Chamberlin 1939: 401, 1958: 161; Keen 1929a: 34; Wood, S. L. 1972a: 427, 1982b: 1066.
- elegans** Schedl 1935a: 184. Holotype ♂; Guatemala; USNM, Washington.
Distribution: North America (Guatemala).
References: (ds) Blackwelder 1947: 781; Bright 1981d: 32; Wood, S. L. 1982b: 1028. (tx) Anderson, W. H. & Anderson 1971: 12; Bright 1981d: 32; Schedl 1935a: 184-185; Wood, S. L. 1982b: 1028.
- elongatulus** Schedl 1976a: 67. Holotype ♀; Tapuruquara, Rio Negro [Brazil]; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 67.
- equihuai** Bright 1985a: 469. Holotype ♀; Mexico; Estacion de Biologia, Chamela, Edo. Jalisco; CNCI, Ottawa.
Distribution: North America (Jalisco in Mexico).
References: (tx) Bright 1985a: 469.
- erraticus** Schedl 1976a: 68. Holotype ♀; Jacareacanga, Para. Brasil; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 68.
- espinosai** Brethes 1925: 202. Syntypes, sex?; Santiago, Chile; Brethes Collection in MACN, Buenos Aires.
Distribution: South America (Chile).
References: (ds) Blackwelder 1947: 781; Schedl 1972d: 144. (tx) Brethes 1925: 202; Porter 1932: 106; Schedl 1972d: 144.
- euterpes** Bright 1978: 75. Holotype ♂; 35 km W Lazaro Cardenas, Chiapas, Mexico; CNCI, Ottawa.
Distribution: North America (Chiapas in Mexico).
Hosts: *Pinus oocarpa*.
References: (ds) Atkinson & Equihua 1985: 96; Bright 1981d: 52; Wood, S. L. 1982b: 1128. (tx) Bright 1978: 75, 1981d: 52; McNamara 1984: 755; Wood, S. L. 1982b: 1128.
- excellens** Schedl 1972g: 66. Holotype ♀; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1972g: 66, 1979c: 93.
- eximius** Schedl 1935a: 184. Holotype ♀; Kongo [Lekimi, Schedl 1962j: 9]; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).

- References: **(tx)** Schedl 1935a: 184, 1962j: 9, 1979c: 94.
- explicitus** Wood 1975b: 399. Holotype ♂; 9 km NE Tezintlan, Puebla, Mexico, 1600 m; Wood Collection.
- Distribution: North America (Puebla in Mexico).
- Hosts: Liana.
- References: **(ds)** Bright 1981d: 95; Wood, S. L. 1982b: 1031. **(tx)** Bright 1981d: 95; McNamara 1984: 755; Wood, S. L. 1975b: 399, 1982b: 1031.
- exquisitus (Blackman)** 1942a: 196 (*Necodryocotes*). Holotype ♀; Mexico; USNM, Washington.
- Figures: Blackman 1942a: fig. 21, Bright 1981d: 342.
- Distribution: Antilles Islands (Virgin Islands), North America (Jalisco, Michoacan in Mexico).
- Hosts: *Sambucus* sp.
- Notes: (1) Bright 1981d: 102 (to *Pityophthorus*).
- References: **(hb)** Atkinson et al. 1986: 38; **(ds)** Atkinson et al. 1986: 38, 72; Blackman 1942a: 196–197; Bright 1981d: 102, 176, 1986b: 683; Wood, S. L. 1982b: 1026. **(tx)** Blackman 1942a: 196–197; Bright 1981d: 102, 176, 342.
- inceptis** Wood 1975b: 396. Holotype ♀; 6 km W Quiroga, Michoacan, Mexico; Wood Collection. Synonymy: Bright 1981d: 102, Wood 1982b: 1026.
- References: **(tx)** Bright 1981d: 102; Wood, S. L. 1975b: 396, 1982b: 1026.
- exsculptus (Ratzburg)** 1837: 162. Syntypes, sex[?]; Europe; not located.
- Distribution: Europe (Austria/ Bulgaria/ Czechoslovakia/ France/ Germany/ Hungary/ Poland/ Switzerland/ W USSR/ Yugoslavia).
- Hosts: *Picea excelsa*, rare in *Pinus* spp.
- References: **(ay)** Escherich 1923b: 483, 555, 602; Nusslin 1911a: 129. **(bv)** Chararas 1977b; Grune 1979: 115; Meixner 1937: 1214. **(cn)** Eckstein 1926: 579; Escherich 1923b: 483, 555, 602; Gabler 1955; Joly 1976; Judeich & Nitsche 1895: 526; Nosek 1951: 109; Nusslin 1913: 205; Pfeffer 1928a: 468, 1950c: 2; Pierce, W. D. 1917: 81; Rhumbler 1922: 308, 1927: 322; Schimitschek 1937c: 55, 1955a: 59, 1955c: 87; Schwerdtfeger 1944a: 181, 1957a: 186; Wachtl 1901: 381; Weber 1926: 579; Wichmann 1927b: 358. **(ec)** Balazy & Michalski 1964b; Kleine 1908c: 213; Michalski & Ratajczak 1989; Nosek 1951: 109; Nusslin 1927: 322; Pfeffer 1923a: 331, 1950c: 2, 1959: 2, 1960: 344; Schimitschek 1955a: 59; Schwerdtfeger 1944a: 181, 1957a: 186; Sedlaczek 1935a: 163; Zimm 1985b). **(hb)** Chararas 1977b; Charvat 1950; Eckstein 1926: 579; Escherich 1923b: 483, 555, 602; Fuchs 1904a; Gabler 1955; Györfi 1957; Joly 1976; Judeich & Nitsche 1895: 526; Karpinski & Strawinski 1948: 156; Lenggerken 1939: 65, 1954: 85; Lindemann 1881a: 236; Nusslin 1913: 205, 1927: 322; Pfeffer 1941a: 11, 1989a: 63; Postner 1974: 433; Ratzburg 1837: 162, 1839: 197; Rhumbler 1922: 308, 1927: 322; Schimitschek 1955a: 59; Schwerdtfeger 1944a: 181, 1957a: 186, 1957c: 322; Sedlaczek 1935a: 163, 1951: 193; Sedlaczek 1935a: 163; Spessivtsev 1913a: 87, 1921b: 221; Tredl 1908b: 138, 1915a: 148; Wachtl 1876a: 460, 1901: 381; Weber, H. 1926: 579; Wichmann 1927b: 358. **(ds)** Ammann & Knabl 1923; Andras & Schaeffer 1957; Buresh & Lazarov 1956; Calver 1884, 1893; Chararas 1977b; Charvat 1950; Endrodi 1958b; Escherich 1923b: 483, 555, 602, 1932b; Fuchs 1904a, 1905a; Gaubil 1849: 126; Gemminger & Harold 1872: 2688; Grune 1979: 115; Hagedorn 1910d: 71; Heyden, Reitter, & Weise 1883: 182, 1891: 672, 1906: 712; Horion 1951; Joly 1976; Judeich & Nitsche 1895: 526; Karpinski 1926: 82, 1931: 30, 1933a: 290; Karpinski & Strawinski 1948: 156; Kleine 1912a: 268, 1913a: 35, 1913b: 140, 1934a: 159; Kolbe, W. 1918: 211; Kraatz 1869: 59; Kurir 1947c: 6, 14; Langhoffer 1915c: 158; Leder 1871: 132; Lomnicki 1913b: 148; Lucht 1987: 278; Numborg 1928b: 88, 112, 1938: 126, 1954: 70, 1960b: 158; Pacher 1865: 152; Pfeffer 1931b: 74, 1935: 159, 1947e: 4, 1950b: 75, 1960: 345, 1976: 340, 1989a: 63; Pierce, W. D. 1917: 81; Pittioni 1943: 176; Postner 1974: 433; Prossen 1913: 83; Ratzburg 1837: 162, 1839: 197; Reitter 1894a: 76, 1916: 298; Roubal 1941: 269; Sainte-Claire & Mequignon 1938: 448; Schaufuss 1915: 1242; Schann 1859: 95, 1862: 101; Schedl 1980a: 22; Schilsky 1909: 188; Schwerdtfeger 1981: 193; Seidlitz 1872: 394; Stein 1868: 114; Stein & Weise 1877: 164; Tredl 1907: 14, 1908b: 138; Wachtl 1876a: 460; Wichmann 1927a: 74. **(tx)** Bach 1854; Balachowsky 1949a: 234; Charvat 1950; Eggers 1914, 1915b: 13–14, 1920; Eichhoff 1864: 39; Endrodi 1957a: 307, 1957b; Escherich 1923b: 483, 555, 602; Ferrari 1867: 32, 1867b; Fleischer 1927; Fornacek 1907: 38; Gabler 1955; Grune 1979: 115; Hagedorn 1910a: 101; Jansson 1936: 220; Joly 1976; Judeich & Nitsche 1895: 526; Karpinski & Strawinski 1948: 156; Koch 1928: 82, 1932: 122; Kulmt 1913: 1056; Letzner 1891: 376; Lindemann 1881a: 236; Lucht 1987: 278; Meixner 1937: 1214; Numborg 1938: 126, 1954: 70; Nusslin 1911a: 129; Postner 1974: 433; Quaschik 1953: 35; Pfeffer 1932f: 23, 1940b: 107, 110, 1941c: 11, 1947e: 4, 1955a: 212, 1976: 340; Pjatnitskii 1931: 171–173; Ratzburg 1837: 162, 1839: 197; Redtenbacher 1849a: 790, 1849b: 26; Reitter 1894a: 76, 1913a: 93, 1916: 298; Rhumbler 1922: 308, 1927: 322; Schedl 1934f: 1643, 1980a: 22; Schimitschek 1937c: 55, 1955c: 87; Seidlitz 1872: 394; Spessivtsev 1913a: 87–89, 1922: 221, 1923: 200–214, 1925: 50. **(ms)** Eggers 1910a, 1910b; Escherich 1932b.
- macrographus** Eichhoff 1880a: 200. Syntypes, sex[?]; Silesia; Hamburg Museum, lost. Synonymy: Balachowsky 1949a: 234.
- References: **(cn)** Barbey 1925: 70; Judeich & Nitsche 1895: 525. **(ec)** Barbey 1927. **(hb)**

- Barbey 1901: 23, 78, 1925: 70; Bargmann 1906; Dombrowsky 1887, 1891; Eckstein 1897; Eichhoff 1881a: 147, 200; Henschel 1895a: 172; Judeich & Nitsche 1895: 525; Seitner 1911: 99. **(ds)** Gerhardt 1898b; Gronzelle 1905; Hagedorn 1910d: 72; Henschel 1895a: 172; Heyden, Reitter, & Weise 1883: 182, 1891: 672; Judeich & Nitsche 1895: 525; Kleine 1913b: 140; Pfeffer 1935: 159; Schilsky 1909: 188; Seidlitz 1891a: 564, 1891b: 610. **(tx)** Balachowsky 1949a: 234; Barbey 1901: 23, 78; Dombrowsky 1887, 1891; Eichhoff 1881a: 147, 200; Hagedorn 1910a: 101; Henschel 1895a: 172; Judeich & Nitsche 1895: 525; Schedl 1934f: 1643; Seidlitz 1891a: 564, 1891b: 610; Seitner 1887: 44; Spessivtsev 1913: 87–89. **(ms)** Eggers 1910a, 1910b.
- exsectus** Schedl 1972g: 67. Holotype ♀; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: **(tx)** Schedl 1972g: 67, 1979c: 94.
- fallax (Hagedorn)** 1912c: 354 (*Trigonogenius*). Holotype, sex?; Amani, Deutsch-Ostafrika; Hamburg Museum, lost.
Distribution: Africa (Tanzania).
Hosts: *Klaja senegalensis*.
References: **(cn)** Hagedorn 1913a: 29. **(hb)** Hagedorn 1913a: 29; Schedl 1962j: 9. **(ds)** Hagedorn 1913a: 29; Kleine 1914b: 322, 1934a: 163; Schedl 1962j: 9. **(tx)** Eggers 1920: 34; Hagedorn 1912c: 354, 1913a: 29; Hopkins 1914: 131; Lucas 1920: 683; Schedl 1952d: 347, 1962j: 9; Wichmann 1915a: 107.
- festus** Wood 1967d: 39. Holotype ♂; 29 km W El Salto, Durango, Mexico; Wood Collection.
Figures: Bright 1981d: 359.
Distribution: North America (El Salvador/ Chiapas, Chihuahua, Durango, Jalisco, Mexico, Oaxaca, Puebla, Veracruz in Mexico/ Arizona in USA).
Hosts: *Pinus ayacahuite*, *P. durangensis*, *P. leiophylla*, *P. oocarpa*, *P. tenuifolia*, *P.* sp.
References: **(ds)** Atkinson & Equihua 1988: 96; Bright 1981d: 213; Rio Mora 1985: 14; Schedl 1977e: 42; Wood, S. L. 1982b: 1033. **(tx)** Bright 1981d: 213, 359; Rio Mora 1985: 14; de Ruelle 1970: 109; Wood, S. L. 1967d: 39, 1982b: 1033.
- flavimaculatus** Murayama 1963: 392. Holotype, sex?; Tairei, North Manchuria; Murayama Collection in USNM, Washington.
Distribution: Asia (Manchuria).
Hosts: *Picea obovata*.
References: **(tx)** Murayama 1963: 392.
- formosus** Bright 1972d: 88. Holotype ♂; Barbecue Bottom, Trelawny Parish, Jamaica; CNCI, Ottawa.
Distribution: Antilles Islands (Jamaica).
References: **(ds)** Bright 1985c: 176. **(tx)** Bright 1972d: 88, 1985c: 176; McNamara 1985c: 176.
- frauseriae** Wood 1972d: 75. Holotype ♀; 10 km W High Rolls, Lincoln National Forest, New Mexico [USA]; Wood Collection.
Distribution: North America (New Mexico in USA).
Hosts: *Frauseria* sp.
References: **(tx)** Bright 1981d: 80; Wood, S. L. 1972d: 75, 1982b: 1124.
- frontalis (Schedl)** 1967d: 8 (*Breviophthorus*). Holotype ♂; Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: **(tx)** Schedl 1967d: 8, 1979c: 100.
- fulgens** Schedl 1965c: 68. Holotype ♀; Madagascar, Montagne d'Ambré; Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
Hosts: Tree twigs.
References: **(tx)** Schedl 1965c: 68, 1977b: 111, 1979c: 101.
- furnissi** Bright 1976c: 433. Holotype ♀; Amecameca, Mexico; USNM, Washington.
Distribution: North America (Mexico in Mexico).
Hosts: *Pinus hartwegii*.
References: **(ds)** Atkinson & Equihua 1985a: 94; Bright 1981d: 144, 1986b: 653; Wood, S. L. 1982b: 1094. **(tx)** Bright 1976c: 433, 1981d: 144; McNamara 1984: 755; Wood, S. L. 1976c: 433, 1982b: 1094.
- fuscus** Blackman 1928b: 32. Holotype ♀; Glacier National Park, Montana [USA]; USNM, Washington.
Distribution: North America (British Columbia in Canada/ Montana in USA).
Hosts: *Pinus contorta*.
References: **(cn)** Lindgren 1980a: 68. **(hb)** Lindgren 1980a: 68. **(ds)** Bright 1976d: 152, 1981d: 211; Chamberlin 1939: 358; Cast et al. 1989: 385; Keen 1929a: 32; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1972a: 425, 1982b: 1053. **(tx)** Blackman 1928b: 30–33; Bright 1981d: 211; Chamberlin 1939: 358; Keen 1929a: 33; Wood, S. L. 1972a: 425, 1977d: 515; 1982b: 1053.
- smithi** Schedl 1931b: 163. Holotype ♀; Copper Mountain, British Columbia [Canada]; USNM, Washington. Synonymy: Wood 1977d: 515.
References: **(cn)** Lindgren 1980a: 69. **(hb)** Chamberlin 1939: 369, 1958: 150; Lindgren 1980a: 69. **(ds)** Bright 1976d: 184; Chamberlin 1939: 369, 1958: 150; Kleine 1934a: 161; Leng & Mutchler 1933: 95. **(tx)** Chamberlin 1939: 369, 1958: 150; de Ruelle 1970: 111; Schedl 1931b: 163, 1979c: 231; Wood, S. L. 1977d: 515.
- galeritus** Wood 1976a: 355. Holotype ♀; Rio Damitas, Dota Mts., San Jose, Costa Rica, 250 m; Wood Collection.
Distribution: North America (Costa Rica).

Hosts: *Rhucedra edulis*.

References: (ds) Bright 1981d: 75; Wood, S. L. 1982b: 1125. (tx) Bright 1981d: 75; Wood, S. L. 1976a: 355, 1982b: 1125.

germanni Bright 1976c: 434. Holotype ♂: 154 km N Oaxaca, Oaxaca, Mexico: CNCI, Ottawa.

Distribution: North America (Oaxaca in Mexico).
References: (ds) Bright 1981d: 51; Wood, S. L. 1982b: 1127. (tx) Bright 1976c: 434, 1981d: 51; McNamara 1984: 755; Wood, S. L. 1982b: 1127.

ghanaensis Schedl 1972k: 292. Holotype, sex[?]: Ghana: Ashanti Region, Kwadaso, 320 m, N 6 42, W 1 39; NHMB, Budapest.

Distribution: Africa (Ghana).
References: (tx) Schedl 1972k: 292, 1979c: 104.

glabratus (Schedl) 1955g: 26 (*Ctenyophthorus*).
Lectotype ♀: Guatemala, Quezaltenango, 2350 m; Schedl Collection in NHMW, Wien, designated by Bright 1976b: 186.

Figures: Bright 1981d: 344.
Distribution: North America (Guatemala/ Chiapas, Oaxaca in Mexico).

Hosts: *Pinus ayacahuite*, *P. ocheternae*, *P. pringlei*, *P. rudis*, *P. pseudostrobus*.

Notes: (1) Bright 1976b: 186 (to *Pityophthorus*). Schedl 1979c: 105 (citation of holotype invalid). (3) Schedl 1963c: 162 (cited in *Neodryocoetes*).

References: (hb) Schwerdtfeger 1957c: 505. (tx) Bright 1976b: 186, 1977: 512, 1981d: 117, 359; Schedl 1955g: 18, 26, 1963c: 162, 1964m: 311, 1979c: 105; Wood, S. L. 1982b: 1056.

glabratus Eichhoff 1878b: 179. Holotype, sex[?]: Berlin, Corsica; Hamburg Museum, lost.

Figures: Grune 1979: 120.
Distribution: Africa (Egypt), Europe (Austria/ Bulgaria/ Corsica/ Czechoslovakia/ Denmark/ France/ Germany/ Greece/ Hungary/ Luxembourg/ Poland/ Spain/ S Sweden/ Switzerland/ W USSR).
Hosts: *Pinus mugo rotundata*, *P. nigra*, *P. sylvestris*, *P. uncinata*, rare in *Larix europaea*.

References: (ay) Escherich 1923b: 483, 555; Feytaud 1950a. (bv) Grune 1979: 121. (cn) Barbey 1924a, 1925: 281; Chorbadzhievo 1929; Eckstein 1926: 579, 1939a: 33–42, 81–92; Escherich 1923b: 483, 555; Feytaud 1950a; Grandi 1951; Joly 1976; Judeich & Nitsche 1895: 526; Maksimovic 1952: 20–40; Maksimovic & Milanovic 1964, 1966; Marcu 1926c: 65; Nusslin 1913: 205; Pierce, W. D. 1917: 75; Rhumbler 1922: 308, 1927: 322; Schimitschek 1937c: 55, 1955a: 29, 1955c: 87; Schwerdtfeger 1944a: 177, 1957a: 183; Wächtl 1883b: 319, 1901: 377, 381; Weber, H. 1926: 579; Wichmann 1927b: 361; Wilke 1931: 663. (ec) Barbey 1927; Berland 1934; Karpinski 1932a: 95; Kleine 1908c: 213; Masutti 1959: 268, 299; Michalski & Ratajczak 1989; Nusslin 1927: 322; Peyerimhoff 1928: 110–111; Pfeffer 1923a: 332, 1925b: 8, 1943b: 181, 1960: 346; Roubal 1934a: 86; Ruhm 1956b: 4; Schimit-

scheck 1955a: 29; Schwerdtfeger 1944a: 177, 1957a: 183; Sedlacek 1935a: 163; Seitner & Notzl 1925: 188; Thompson, W. R. 1943: 90; Wilke 1931: 663. (hb) Barbey 1901: 23, 76, 1913, 1924a, 1925: 281; Bargmann 1906; Chararas 1962c: 363; Charvat 1950; Chorbadzhievo 1929; Dombrowsky 1887, 1891; Eckstein 1926: 579, 1939a, 1939c; Eckstein, F. 1939; Eggers 1906; Eichhoff 1881a: 47, 196; Escherich 1923b: 483, 555; Feytaud 1950a; Grandi 1951; Gyorfi 1957; Hagedorn 1903a; Henschel 1895a: 172; Joly 1976; Judeich & Nitsche 1895: 526; Karpinski 1948: 156; Karpinski & Strawinski 1948: 156; Kemmer 1919: 175; Lengerken 1954: 86; Masutti 1959: 269, 299, 1964; Nunberg 1929c: 122; Nusslin 1913: 205, 1927: 322; Orest 1926b: 81; Pfeffer 1941b: 3; Postner 1974: 436; Rhumbler 1922: 308, 1927: 322; Schimitschek 1955a: 29; Schwerdtfeger 1944a: 177, 1957a: 183, 1981: 190; Sedlacek 1935a: 163; Seitner & Notzl 1925: 188; Shatilov 1985; Spessivtsev 1913a: 88, 1921b: 220, 1923: 209; Stark 1926a: 336, 1952: 354; Tschorbadjiev 1929: 170; Wächtl 1901: 377, 381; Weber, H. 1926: 579; Wichmann 1927b: 361. (ds) Ammann & Knabl 1913, 1923; Barth 1896; Bejer-Petersen & Jorum 1977: 25; Borchert 1951; Brakman 1966b: 206; Buresh & Lazarov 1956; Champion 1894; Chararas 1962c: 363; Charvat 1950; Chorbadzhievo 1929; Eggers 1904, 1906; Endrodi 1958b; Escherich 1923b: 483, 555, 1932b; Everts 1922: 643, 1925; Fjellberg 1966: 154; Fuchs 1905a; Grune 1979: 121; Hagedorn 1903a, 1910d: 71; Hansen, V. 1939, 1956, 1964: 463; Hellen 1947; Henschel 1895a: 172; Heyden, Reitter, & Weise 1883: 182, 1891: 672, 1906: 71; Horion 1951; Jansson 1935: 77, 1936: 220; Jazentkovsky 1912: 288; Joly 1976; Judeich & Nitsche 1895: 526; Kangas 1965; Karpinski 1931: 30, 1932a: 95, 1948a: 173, 1948b: 231; Karpinski & Strawinski 1948: 156; Kemmer 1919: 175; Kersten 1933: 76; Kiefer et al. 1942: 528; Klefbeck & Sjöberg 1960: 230; Kleine 1912a: 268, 1913a: 35, 1913b: 140, 1934a: 159; Kozikowsky 1921: 181; Knir 1947c: 6; Lomnicki 1913b: 148; Lucht 1987: 278; Mahler 1987: 232; Maire et al. 1927: 1516; Marcu 1926c: 65, 1930: 327–336; Mequignon 1936: 54; Mirzorian 1950: 139; Moricee 1961: 141; Murayama 1940a: 232, 1942a: 55; Nunberg 1928b: 88, 112, 1938: 126–131, 1954: 71, 1960b: 159; Orest 1926c: 65, 81–87; Pfeffer 1924b: 471, 1928b: 8, 1931b: 74, 1947c: 12, 1950b: 76, 1960: 346, 1976: 340, 1984: 277, 1989a: 65; Pierce, W. D. 1917: 75; Pittioni 1943: 175; Postner 1974: 436; Prossen 1913: 83; Rapp 1934: 729; Reitter 1894a: 76; Roubal 1935b: 72, 1941: 269; Sainte-Claire 1914: 472; Sainte-Claire & Mequignon 1938: 447; Schaufuss 1915: 1243; Schedl 1971d: 427, 1980a: 22, 1981b: 78; Schilsky 1891: 157, 1909: 188; Schwerdtfeger 1981: 190; Seidlitz 1891a: 564, 1891b: 610; Stark 1926a: 336, 1926b: 105, 1926j:

- 127, 1952: 554; Stein & Weise 1877: 164; Tredl 1907: 14; Tschorbadjiev 1929: 170; Wichmann 1927a: 73; Wilke 1931: 663; Zinovjev 1955: 157. (tx) Balachowsky 1949a: 237; Barbey 1901: 23, 76; Charvat 1950; Dombrowsky 1887, 1891; Eggers 1915b: 13–14, 1920: 125–126; Eichhoff 1875b: 179, 1881a: 47, 196, 1883a: 110, 134; Endrodi 1957a: 307, 1957b; Escherich 1923b: 483, 555; Everts 1922: 643; Ferrant 1911; Fleischer 1927; Formanek 1907: 37; Grune 1979: 120–121; Hagedorn 1904e, 1910a: 101; Hansen, V. 1956, 1964: 463; Henschel 1895a: 172; Jabllohoff-Klmzorian 1961: 105; Joly 1976; Judeich & Nitsche 1895: 526; Karpinski & Strawinski 1948: 156; Koch 1913: 126, 1932: 121; Kulmt 1913: 1056; Lucht 1987: 278; Michalski 1969b: 569; Murayama 1940a: 232; Numberg 1929c: 122, 1935: 126; Peyerimhoff 1930: 258–259; Pfeiffer 1927: 111–112, 1932b: 23, 1940b: 109, 112, 120, 1941b: 3, 1947e: 12, 1955a: 219, 1976: 340; Postner 1974: 436; Quaschik 1953: 35; Reitter 1894a: 76, 1913a: 94; Rhumbler 1922: 38, 1927: 322; Schedl 1934f: 1643, 1935a: 164, 1952f: 87, 1980a: 22, 1981b: 78; Schimitschek 1937c: 55, 1955c: 57; Seidlitz 1891a: 564, 1891b: 610; Seitner 1887: 45; Sokanovskii 1929: 670–672; Spessivtsev 1913a: 88, 1922a: 488, 490, 1922b: 219–221, 1923: 209, 1925a: 183, 1926: 50, 1929c: 298–303, 1931: 64; Stark 1952: 354. (ms) Escherich 1932b.
- glutae** Wood 1989: 183. Holotype ♀; Tamil Nadu: Evergreens, Tinnevely (Tirmelveli); FRI, Dehra Dun.
Distribution: Asia (Tamil Nadu in India).
Hosts: *Gluta travancorica*.
References: (cn) Mathur & Singh 1960b: 14, (ds) Mathur & Singh 1960b: 14, (tx) Wood, S. L. 1989: 183.
- grandis** Blackman 1928b: 119. Holotype, sex?; Arizona: Kaibab National Forest [USA]; USNM, Washington.
Figures: Bright 1981d: 370.
Distribution: North America (British Columbia in Canada/ Arizona, California, Colorado, Nebraska, New Mexico, South Dakota, W Texas, Utah, Wyoming in USA).
Hosts: *Pinus flexilis*, *P. leiophylla*, *P. monophylla*, *P. ponderosa*.
References: (cn) Blackman 1931c, (cc) Blackman 1931c, (hb) Blackman 1931c; Bright & Stark 1973: 115; Chamberlin 1939: 395, 1958: 157, (ds) Bright 1976d: 182, 1981d: 289; Bright & Stark 1973: 115; Chamberlin 1939: 395, 1958: 157; Keen 1929a: 33; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1972a: 426, 1982b: 1106, (tx) Blackman 1928b: 114, 119–121; Bright 1981d: 289, 370; Chamberlin 1939: 395, 1958: 157; Keen 1929a: 33; de Ruette 1970: 109; Wood, S. L. 1972a: 426, 1982b: 1106.
- granulipennis** Schedl 1965c: 69. Holotype ♀; Madagascar, Mt. d'Ambre; Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
Hosts: Tree twigs.
References: (tx) Schedl 1965c: 69, 1977b: 112, 1979c: 112.
- granulosus** (Schedl) 1972h: 60 (*Breviophthorus*). Holotype, sex?; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1972h: 60, 1979c: 112.
- guatemalensis** Blandford 1904: 239. Lectotype ♀; Guatemala City, Guatemala; BMNH, London, designated by Bright 1976b: 184.
Figures: Bright 1981d: 342.
Distribution: North America (Guatemala).
Hosts: Probably *Quercus* sp.
Notes: (3) Bright 1981d: 106 (treated *quercinus* as a synonym; it is at least a subspecies, perhaps a distinct species).
References: (hb) Bright 1981d: 106, (ds) Blackwelder 1947: 782; Bright 1981d: 106; Hagedorn 1910d: 71; Kleine 1913b: 140, 1914b: 363; Wood, S. L. 1982b: 1084, (tx) Blandford 1904: 239; Bright 1976b: 184, 1977: 515, 1981d: 106, 342; Hagedorn 1910a: 101; Schedl 1938a: 183, 1955g: 18; Wood, S. L. 1982b: 1084.
- gunneri** Schedl 1970f: 583. Holotype ♀; Guyane française, Camopi-Oyapock dans nid d'Atta; Schedl Collection in NHMW, Wien.
Distribution: South America (Cayenne).
Notes: (1) Below the type label on the holotype is a subsequently placed white label with red margin that says "holotype, *Pityophthorus quadrispinatus* Schedl." Whether this was an error in labeling or a suggestion of synonymy by Schedl was not determined.
References: (tx) Schedl 1970f: 583–584, 1979c: 113.
- henscheli** Seitner 1887: 44. Syntypes, sex?; Tyrol, Austria; not located, 1 syntype in NHMW, Wien.
Figures: Grune 1979: 115.
Distribution: Europe (Austria/ Czechoslovakia/ Germany/ Greece/ Hungary/ Italy/ Poland/ Romania/ W USSR/ Yugoslavia).
Hosts: *Pinus cembrae montana*, *P. heldreichii*, *P. mugo*.
Notes: (1) Schedl 1979c: 116 (citation of holotype invalid).
References: (bv) Grune 1979: 119; Hellrigl 1985, (cn) Schimitschek 1935b: 114, 1955a: 42; Schwerdtfeger 1944a: 177, 1957a: 183; Wachtl 1901: 381; Wichmann 1927b: 378, (cc) Hellrigl 1985; Heqvist 1955a: 96; Jahn & Simreich 1960b; Kleine 1908c: 213; Pfeiffer 1960: 346; Ruschka 1925: 200; Schimitschek 1955a: 42; Seitner 1913a: 27; Seitner & Notzl 1925: 187; Schwerdtfeger 1944a: 177, 1957a: 183; Thompson, W. R. 1943: 90, (hb) Bargmann 1906; Dombrowsky 1891; Henschel

- 1895a; Karpinski & Strawinski 1948: 156; Knotek 1899b: 1, 1901: 565; Lengerken 1939: 65; Numberg 1947c: 106; Schimitschek 1955a: 42; Seitner & Notzl 1925: 187; Schwerdtfeger 1944a: 177, 1957a: 183, 1981: 190; Spessivtsev 1921b: 221; Wachtl 1901: 381; Wichmann 1927b: 378. **(ds)** Annmann & Knabl 1943: Bilek 1944; Endrodi 1957a: 307, 1958b; Favre 1890; Fuchs 1905a; Grune 1979: 119; Hagedorn 1910d: 71; Henschel 1895a: 172; Heyden, Reitter, & Weise 1891: 672, 1906: 711; Horion 1951, 1954b: 21; Karpinski 1931: 30; Karpinski & Strawinski 1948: 156; Kleine 1913a: 35, 1913b: 140, 1934a: 160; Knotek 1899b: 1, 1901: 565; Knir 1947c: 9; Lucht 1987: 278; Numberg 1938: 126, 1954: 71; Pfeffer 1924a: 96, 1931b: 76, 1960: 346, 1989a: 66; Pittioni 1943: 176; Postner 1974: 436; Prossen 1913: 83; Reitter 1894a: 76, 1916: 299; Schedl 1967c: 71, 1980a: 22, 1981b: 75; Schilsky 1909: 188; Schimitschek 1938b: 114; Schwerdtfeger 1981: 190; Stierlin 1898: 441; Tredl 1907: 14; Wichmann 1927a: 73. **(tx)** Dombrowsky 1891; Eggers 1911a: 122, 1914: 189; Endrodi 1957a, 1957b; Fanvel 1887, 1889; Fleischer 1927; Grune 1979: 118–119; Hagedorn 1910a: 101; Hellbrigl 1985; Henschel 1895a: 172; Karpinski & Strawinski 1948: 156; Lucht 1987: 278; Numberg 1938: 126–131, 1954: 71; Pfeffer 1932b: 4, 1940b: 109, 113, 123, 1955a: 211; Postner 1974: 436; Reitter 1894a: 76, 1913a: 94, 1916: 299; Schedl 1934f: 1643, 1964m: 312, 1981b: 75; Seitner 1887: 44–45; Spessivtsev 1922: 221, 1926: 49; Stierlin 1898: 441, 1925: 187–196; Wichmann 1910a: 146. **(ms)** Eggers 1911b; Seitner 1913a: 27.
- hermosus Wood** 1976a: 356. Holotype ♀; Yucatan, Paraiso, Honduras; Wood Collection.
Distribution: North America (Honduras).
Hosts: *Eupatorium dahlloides*, *Perymanium grande*.
References: **(ds)** Bright 1981d: 40; Wood, S. L. 1982b: 1139. **(tx)** Bright 1981d: 40; McNamara 1984: 755; Wood, S. L. 1976a: 356, 1982b: 1139.
- hintzi Schedl** 1938h: 459. Syntypes ♂; Portugiesisch Guinea; MNB, Berlin and Schedl Collection in NHMW, Wien.
Distribution: Africa (Ghana/Guinea-Bissau/Ivory Coast/Tanzania/Zaire).
Hosts: *Khaya* sp., *Mitragyne* sp.
Notes: (1) Schedl 1979c: 117 (citation of holotype invalid).
References: **(ds)** Browne 1975a: 758, 1981a: 126; Mayne & Donis 1962: 309; Schedl 1962j: 10, 1972e: 282, 1977d: 278, 1979b: 415. **(tx)** Schedl 1938h: 459, 1962j: 10, 1970i: 223, 1979c: 117.
- acuminatus Browne** 1965a: 192. Holotype ♀; Ivory Coast: Adiopodoume; RNH, Leiden, preoccupied by Schedl 1940a: 346. Synonymy: Schedl 1970i: 223 (possible synonymy).
References: **(tx)** Browne 1965a: 192; Schedl 1970i: 223.
- hispaniolus Bright** 1985c: 181. Holotype ♀; Colonia, Dominican Republic, 1000 m; NHMBS Basel, Switzerland.
Distribution: Antilles Islands (Dominican Republic).
References: **(ds)** Bright 1985c: 176. **(tx)** Bright 1985c: 176, 181.
- hylocuroides Wood** 1964: 69. Holotype ♀; 18 km NE Jacala, Hidalgo, Mexico; Wood Collection.
Distribution: North America (Hidalgo in Mexico).
Hosts: *Rhus* cf. *aromatica*.
References: **(ds)** Bright 1981d: 32, 1986b: 683; Wood, S. L. 1982b: 1120. **(tx)** Bright 1981d: 32; McNamara 1984: 756; Wood, S. L. 1964: 69, 1982b: 1120.
- ignotus Schedl** 1961e: 143. Holotype ♀; Madagascar, Mt. d'Ambre; Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
References: **(tx)** Schedl 1953d: 69, 1961e: 143, 1977b: 112, 1979c: 120.
- ikelaensis Numberg** 1967b: 322. Holotype ♀; Tshunpa, Ikela [Congo]; MRCB, Tervuren.
Figures: Numberg 1967a: 337.
Distribution: Africa (Zaire).
References: **(tx)** Numberg 1967a: 337, 1967b: 322.
- imitans (Eggers)** 1920: 34 (*Trigonogenitus*). Lectotype, sex?, Amani (Deutsch-Ostafrika); USNM, Washington, designated by Anderson & Anderson 1971: 15.
Distribution: Africa (Tanzania).
References: **(ds)** Schedl 1962j: 10. **(tx)** Anderson, W. H. & Anderson 1971: 15; Eggers 1920: 34; Lucas 1920: 683; Numberg 1969a: 396; Schedl 1952d: 347, 1979c: 121.
- immanis Blackman** 1928b: 98. Holotype ♀; Chiricahua Mts., Arizona [USA]; USNM, Washington.
Distribution: North America (Chiricahua in Mexico/Arizona, New Mexico in USA).
Hosts: *Pinus ponderosa*, *P. strobiformis*.
References: **(hb)** Chamberlin 1939: 385. **(ds)** Bright 1981d: 15; Chamberlin 1939: 385; Keen 1929a: 33; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 89, 98–99; Bright 1981d: 159; Chamberlin 1939: 385; Keen 1929a: 33; McNamara 1984: 756; Wood, S. L. 1964: 67, 1977d: 515, 1982b: 1097.
- sulcatus Bright** 1977: 528. Holotype ♀; Mt. Lemon, Pima Co., Arizona [USA]; CNCI, Ottawa. Synonymy: Wood 1977d: 515, 1982b: 1096–1097.
Notes: Bright 1981d: 166 (treated as a distinct species).
References: **(ds)** Bright 1981d: 166. **(tx)** Bright 1977: 528, 1981d: 166, 352; McNamara 1984: 758; Schedl 1979c: 245; Wood, S. L. 1977d: 515, 1982b: 1096.
- impexus Bright** 1978: 76. Holotype ♀; 10 km S Carapan, Michoacan, Mexico; Wood Collection.

- Distribution: North America (Durango, Mexico; Michoacan in Mexico).
Hosts: *Pinus ayacahuite*, *P.* sp.
References: (hb) Burgos & Saucedo 1983: 120. (ds) Atkinson & Equihua 1985a: 95; Bright 1981d: 197; Burgos & Saucedo 1983: 120; Wood, S. L. 1982b: 1086. (tx) Bright 1978: 76, 1981d: 197; McNamara 1984: 756; Wood, S. L. 1982b: 1086.
- inaequidens** Schedl 1976a: 68. Holotype, sex?; Jacareacanga, Para, Brasil; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 68.
- indefessus** Bright 1986a: 641. Holotype, sex?; Mexico: Estacion de Biologia, Chamela, Edo. Jalisco; CNCI, Ottawa.
Distribution: North America (Jalisco in Mexico).
References: (tx) Bright 1986a: 641.
- indigenus** Wood 1976a: 361. Holotype ♀; 3 km W Armeria, Colima, Mexico, 70 m; Wood Collection.
Distribution: North America (Colima, Jalisco, Oaxaca in Mexico).
Hosts: *Bursera* sp.
References: (ec) Equihua & Atkinson 1986: 634. (hb) Equihua & Atkinson 1986: 634. (ds) Bright 1981d: 79; Equihua & Atkinson 1986: 634; Wood, S. L. 1982b: 1126. (tx) Bright 1981d: 79; Wood, S. L. 1976a: 361, 1982b: 1126.
- indigus** Wood 1978b: 398. Holotype ♀; 3 km E Gould, Jackson Co., Colorado [USA]; Wood Collection, automatic.
Distribution: North America (Colorado in USA).
Hosts: *Pinus contorta*
References: (ds) Bright 1981d: 128; Wood, S. L. 1982b: 1053. (tx) Bright 1981d: 128; Wood, S. L. 1978b: 398, 1982b: 1053.
- indigenus** Wood 1977b: 214. Holotype ♀; 3 km E Gould, Jackson Co., Colorado [USA]; Wood Collection, preoccupied by Wood 1976a: 361.
References: (tx) Wood, S. L. 1977b: 214, 1978b: 398.
- irritans** Schedl 1979j: 127. Holotype ♀; 3 km E Gould, Jackson Co., Colorado [USA]; Wood Collection, automatic.
Notes: (1) This is an unneeded replacement name for *indigenus* Wood 1977: 214.
References: (tx) Bright 1981d: 128; Schedl 1979j: 127.
- ineditus** Bright 1976c: 434. Holotype ♀; 53 km S Valle Nacional, Oaxaca, Mexico; CNCI, Ottawa.
Distribution: North America (Oaxaca, Veracruz in Mexico).
Hosts: *Pinus* sp.
References: (ds) Bright 1981d: 118; Wood, S. L. 1982b: 1057. (tx) Bright 1976c: 434, 1981d: 118; McNamara 1984: 756; Wood, S. L. 1982b: 1057.
- infimus** Schedl 1972g: 68. Holotype, sex?; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1972g: 68, 1979c: 124.
- infulatus** Blackman 1928b: 103. Holotype ♀; Sacramento Mts., New Mexico [USA]; USNM, Washington.
Distribution: North America (Arizona, New Mexico in USA).
Hosts: *Pinus ponderosa*, *P. strobiformis*.
References: (hb) Chamberlin 1939: 357. (ds) Atkinson & Equihua 1985c: 360, 1985: 98; Bright 1981d: 160; Chamberlin 1939: 357; Keen 1929a: 32; Kleine 1934a: 160; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1090. (tx) Blackman 1928b: 103; Bright 1977: 515, 1981d: 160; Chamberlin 1939: 357; Keen 1929a: 32; Wood, S. L. 1982b: 1090.
- mollis** Blackman 1928b: 104. Holotype ♀; Tortillo Canyon, New Mexico [USA]; USNM, Washington. Synonymy: Bright 1977: 514.
References: (hb) Chamberlin 1939: 357. (ds) Chamberlin 1939: 357; Keen 1929a: 33; Kleine 1934a: 160; Leng & Mutchler 1933: 52. (tx) Blackman 1928b: 104; Bright 1977: 514; Chamberlin 1939: 357; Keen 1929a: 33; McNamara 1984: 757.
- hubbardi** Blackman 1928b: 105. Holotype ♀; Chiricahua Mts., Arizona [USA]; USNM, Washington. Synonymy: Bright 1977: 514.
References: (hb) Chamberlin 1939: 357. (ds) Chamberlin 1939: 357; Leng & Mutchler 1933: 52. (tx) Blackman 1928b: 105, 1942a: 215–216; Bright 1977: 515; Chamberlin 1939: 357; McNamara 1984: 755.
- ingens** Blackman 1928b: 124. Holotype ♀; Santa Catalina Mts., Arizona [USA]; USNM, Washington. Distribution: North America (Chihuahua, Durango in Mexico/Arizona in USA).
Hosts: *Pinus ponderosa*, *P.* sp.
References: (hb) Chamberlin 1939: 395. (ds) Bright 1981d: 281; Chamberlin 1939: 395; Furniss, M. M. 1978; Keen 1929a: 33; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 110. (tx) Blackman 1928b: 115, 124–125; Bright 1981d: 281; Chamberlin 1939: 395; Keen 1929a: 33; McNamara 1984: 756; Wood, S. L. 1982b: 1100.
- inhabilis** Bright 1986a: 642. Holotype ♀; Mexico: Chilapa, Guerrero; CNCI, Ottawa.
Distribution: North America (Guerrero in Mexico).
References: (tx) Bright 1986a: 642.
- inops** Wood 1976c: 353. Holotype ♀; Rincon de Osa, Puntarenas, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: Tree limb.
References: (ds) Bright 1981d: 15; Wood, S. L. 1982b: 1122. (tx) Bright 1981d: 15; Wood, S. L. 1976c: 353, 1982b: 1122, 1983a: 648.

- insuetus* Bright 1955b: 479. Holotype ♀; Mexico: Huizilac, Morelos; CNCI, Ottawa.
Distribution: North America (Morelos in Mexico).
Hosts: Compositae sp.
References: (tx) Bright 1955b: 479.
- intentus* Bright 1975: 77. Holotype ♀; Bear Canyon, Santa Catalina Mts., Arizona [USA]; CNCI, Ottawa.
Figures: Bright 1951d: 369.
Distribution: North America (Durango in Mexico/ Arizona in USA).
Hosts: *Pinus engelmannii*, *P. leiophylla*, *P. ponderosa*, *P. strobiformis*, *Pseudotsuga menziesii*.
References: (ds) Bright 1951d: 286; Wood, S. L. 1952b: 1105. (tx) Bright 1975: 77, 1951d: 286, 369; McNamara 1954: 756; Wood, S. L. 1952b: 1105.
- intextus* Swaine 1917: 29. Holotype ♂; Athabaska Landing, Alberta [Canada]; CNCI, Ottawa.
Distribution: North America (Alberta, British Columbia, Manitoba, New Brunswick, Newfoundland, Nova Scotia, Ontario, Saskatchewan in Canada/ Maine, Michigan, New Hampshire, New York, West Virginia, Wyoming in USA).
Hosts: *Picea canadensis*, *Pinus resinosa*.
Notes: (3) Blackman 1925b: 101 (re-described). Bright 1951d: 147 (treated *ornatus* Blackman as a synonym).
References: (cn) Doane et al. 1936; Swaine 1915a: 97, 102. (hb) Chamberlin 1939: 386, 1958: 153–154; Doane et al. 1936; Swaine 1915a: 97, 102. (ds) Bright 1976d: 152, 1951d: 147; Chamberlin 1925, 1939: 386, 1955: 153–154; Drooz 1955: 364; Hopping 1922; Kleine 1934a: 160; Leng 1920: 341; Wood, S. L. 1972a: 426, 1952b: 1089. (tx) Blackman 1925b: 90, 101; Bright 1967b: 675, 1977: 515, 1951d: 147, 349; Chamberlin 1939: 386, 1955: 153–154; Hoebeke 1975; Pardy 1953; de Ruelle 1970: 109; Swaine 1917: 29–30, 1915a: 97, 102; Wood, S. L. 1972a: 426, 1977b: 209, 1952b: 1089.
- shepardi* Blackman 1922c: 124. Holotype ♀; Chamberlin Lake region, Township 7, R12, Piscataquis Co., Maine [USA]; USNM, Washington. Synonymy: Bright 1977: 515.
References: (cn) Blackman 1950. (hb) Baker, W. L. 1972: 255; Blackman 1950; Chamberlin 1939: 386. (ds) Anonymous 1926c: 519; Baker, W. L. 1972: 255; Blackman 1950; Bright 1971a: 127, 1976d: 155; Chamberlin 1925, 1939: 386; Kleine 1934a: 161; Leng & Mutchler 1927: 52; Leonard 1928: 519. (tx) Blackman 1922c: 124–125, 1925b: 90, 100–101; Bright 1977: 515; Chamberlin 1939: 386.
- tonsus* Blackman 1925b: 101. Holotype ♀; Grand Island, Michigan [USA]; USNM, Washington. Synonymy: Bright 1977: 515.
References: (cn) Blackman 1950. (hb) Blackman 1950; Chamberlin 1939: 386. (ds) Blackman 1950; Bright 1976d: 155; Chamberlin 1939: 386; Kleine 1934a: 161; Leng & Mutchler 1933: 52. (tx) Blackman 1925b: 101; Bright 1977: 515; Chamberlin 1939: 386; de Ruelle 1970: 111.
- irregularis* Eggers 1931b: 31. Holotype ♀; Brasilien (Sao Paulo); Eggers Collection, in NHMW, Wien.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 752; Eggers 1931b: 31; Schedl 1972g: 44, 1979c: 125.
- jeffreyi* Blackman 1925b: 113. Holotype ♀; Inyo N.F., Bishop, California [USA]; USNM, Washington. Distribution: North America (California, Oregon in USA).
Hosts: *Pinus aristata*, *P. jeffreyi*, *P. ponderosa*, rare or accidental in other *Pinus* spp.
References: (hb) Bright & Stark 1973: 114; Chamberlin 1939: 359. (ds) Bright 1951d: 71; Bright & Stark 1973: 114; Chamberlin 1939: 359; Keen 1929a: 33; Kleine 1934a: 160; Leng & Mutchler 1933: 52. (tx) Blackman 1925b: 91, 113–114; Bright 1951d: 71; Chamberlin 1939: 359; Keen 1929a: 33; de Ruelle 1970: 110; Schedl 1939h: 167; Wood, S. L. 1952b: 1116.
- joveri* Schedl 1954d: 581. Lectotype ♀; Cote d'Ivoire, Adiopodoune; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 130. Figures: Schedl 1962j: 11.
Distribution: Africa (Equatorial Guinea/ Gabon/ Ghana/ Ivory Coast/ Zaïre).
Hosts: *Fagaria macrophylla*, *Phialodiscus bancoensis*.
References: (cc) Schedl 1955d: 190, 1962k: 10. (hb) Schedl 1955d: 191, 1962j: 10. (ds) Schedl 1962h: 59, 1962j: 10, 1966c: 225, 1971g: 191, 1972e: 252. (tx) Schedl 1954d: 581–582, 1962j: 10–11, 1962k: 1080, 1964j: 46, 1979c: 130.
- jucundus* Blandford 1894d: 87. Syntypes 4, sex?; near Nagasaki, Japan; BMNH, London. Figures: Nobuchi 1966d: pl. 5.
Distribution: Asia (NE China/ Japan/ Korea/ Sakhalin Island, Siberia in E USSR).
Hosts: *Pinus densiflora*, *P. thunbergii*, *Picea ajanensis*, *Abies* sp.
References: (bv) Choo, Woo, & Park 1988. (cn) Inouye 1949b; Murayama 1957a: 7; Shiraki 1952; Yasunga 1962: 197–200. (cc) Inouye et al. 1955: 80. (hb) Inouye et al. 1955: 80; Stark 1952: 351. (ds) Blandford 1894c; Cho 1957; Choo 1983: 76; Choo & Woo 1985: 165; Choo, Woo, & Park 1988; Hagedorn 1910d: 71; Inouye 1949b; Kleine 1913b: 140, 1914b: 258, 1934a: 160; Ko 1969: 251; Kurenzov 1965; Murayama 1929b: 2, 1930a: 9, 1930b: 14, 1936b: 116, 1937b: 375, 1948: 2, 1949a: 12, 1949c: 101, 1950b: 1293, 1951c: 4, 1954a: 7, 1954b: 169, 1955: 99; Nobuchi 1966d: 33; Pfeffer 1976: 340; Shiraki 1952; Stark 1936e: 142, 1952: 351. (tx) Blandford 1894d: 87; Choo 1983: 76; Hagedorn 1910a: 101; Murayama

- 1930b: 14, 1934c: 298, 1937b: 375, 1950b: 1293, 1954b: 169, 1955: 99; Nobuchi 1966d: 33, pl. 5; Pfeffer 1940b: 108, 1976: 340; Pjatkitskii 1931: 169; Schedl 1934f: 1643, 1938a: 183; Stark 1952: 351.
- juglandis** Blackman 1928b: 42. Holotype ♀: Lone Mountain, New Mexico [USA]; USNM, Washington. Distribution: North America (Chihuahua in Mexico/ Arizona, California, New Mexico in USA). Hosts: *Juglans californica*, *J. major*, *J. nigra*. References: (bv) Roling & Kearby 1975b, (cn) Anonymous 1960q: 28, 1961t, 1964h, (hb) Bright & Stark 1973: 106; Chamberlin 1939: 362, (ds) Anonymous 1961t, 1964h; Bright 1951c: 51; Bright & Stark 1973: 106; Chamberlin 1939: 362; Furniss, R. L. & Carolin 1977: 402; Harper 1965: 82, 1969: 93; Keen 1929a: 32; Kleine 1934a: 160; Leng & Mutchler 1933: 52; Warner 1960: 1; Wood, S. L. 1960b: 69, 1977a: 72, 1982b: 1123, (tx) Blackman 1928b: 42; Bright 1951d: 51; Chamberlin 1939: 362; Keen 1929a: 32; McNamara 1954: 756; Wood, S. L. 1960b: 69, 1982b: 1123.
- keeni** (Blackman) 1928b: 19 (*Mycloborus*). Holotype, sex?: Jacumba, California [USA]; USNM, Washington. Distribution: North America (Arizona, California, Colorado, New Mexico in USA). Hosts: *Pinus cembroides*, *P. edulis*, *P. monophylla*. Notes: (1) Bright 1976c: 427 (to *Pityophthorus*). References: (hb) Bright & Stark 1973: 96; Chamberlin 1939: 340, (ds) Bright 1951d: 209; Bright & Stark 1973: 96; Chamberlin 1939: 340; Keen 1929a: 31; Kleine 1934a: 163; Leng & Mutchler 1933: 53; Wood, S. L. 1982b: 1042, (tx) Blackman 1928b: 19; Bright 1976c: 427, 1951d: 209; Chamberlin 1939: 340; Keen 1929a: 31; McNamara 1954: 753; Wood, S. L. 1982b: 1042.
- kenyae** Schedl 1955i: 217. Syntypes, sex?: Kenya: Londiani; BMNH, London, and Schedl Collection in NHMW, Wien. Distribution: Africa (Kenya). Hosts: *Calodendrum capensis*. References: (ds) Gardner 1957a: 31; Schedl 1962j: 12, (tx) Schedl 1955i: 217, 1962j: 12, 1979c: 132.
- kirgiscus** Pjatkitskii 1931: 167. Lectotype, sex?: Kirgisien, USSR; Pjatkitskii Collection, not located, designated by Michalski 1969a: 895. Figures: Tsai & Li 1959: 94. Distribution: Europe (W USSR). Hosts: *Picea schrenkiana*. References: (cc) Kostin 1964: 111, (hb) Kostin 1960: 133; Stark 1952: 348, (ds) Kadyrov 1989; Kleine 1934a: 160; Marikovskii 1956: 73; Parfentev 1951: 429; Pfeffer 1976: 340; Stark 1952: 348, (tx) Michalski 1969a: 895, 1969b: 569; Pfeffer 1940b: 108, 111, 117, 1976: 340; Pjatkitskii 1931: 167–169; Schedl 1934f: 1643, 1979c: 132; Stark 1952: 348; Tsai & Li 1959: 94.
- kiruensis** Schedl 1957d: 61. Holotype, sex?: Congo Belge: Kivu, Mt. Kaluzi versant Ouest, 2310 m; MRCB, Tervuren. Figures: Schedl 1962j: 14. Distribution: Africa (Zaire). Hosts: *Albizia gummifera*, *Pearcea gratissima*, *Ricinus communis*, *Sapium maunianum*, *Trema orientale*. References: (cc) Schedl 1962j: 14, (hb) Schedl 1962j: 14, (ds) Mayne & Donis 1962: 309; Schedl 1962j: 14, (tx) Schedl 1955i: 217, 1957d: 61, 1962j: 14, 1979c: 133.
- knoteki** Reitter 1898b: 356. Syntypes, sex?: Tyrol, Austria; NHMB, Budapest. Figures: Grune 1979: 116, Pfeffer 1959a: pl. 9. Distribution: Europe (Austria/ Bulgaria/ Poland/ W USSR). Hosts: *Pinus cembrae montana*, *P. unguo*, *P. peuce*. References: (bv) Grune 1979: 117; Hellrigl 1955, (cn) Schimitschek 1938b: 115, 120, 1955a: 42; Wachtl 1901: 351, (cc) Hellrigl 1955; Jahn & Simreich 1960; Kleine 1908c: 313; Schimitschek 1955a: 42; Seitner 1913a: 27; Thompson, W. R. 1943: 91; Wichmann 1959: 413, (hb) Karpinski & Strawinski 1948: 156; Pfeffer 1941b: 19; Postner 1974: 436; Schimitschek 1955a: 42; Spessivtsev 1921b: 221; Wachtl 1901: 351, (ds) Buresh & Lazarov 1956; Grune 1979: 117; Hagedorn 1910d: 71; Heyden, Reitter, & Weise 1906: 711; Horion 1961; Karpinski 1931: 30; Karpinski & Strawinski 1948: 156; Kleine 1913a: 35, 1913b: 140, 1934a: 160; Marcu 1957b: 213; Numberg 1938: 126; Pfeffer 1936: 90, 1976: 340, 1959a: 64; Postner 1974: 436; Reitter 1916: 248; Schilsky 1909: 188; Schimitschek 1938b: 115, 120; Trell 1907: 14, (tx) Balachowsky 1949a: 236; Cole & Frende 1972; Eggers 1915b: 13–14; Grune 1979: 116–117; Hagedorn 1910a: 101; Hellrigl 1955; Jansson 1936: 220; Karpinski & Strawinski 1948: 156; Koluhajiv 1934: 65; Numberg 1938: 126; Pfeffer 1940b: 108, 112, 118, 1941b: 19, 1955a: 210, 1965: 63, 1976: 340, 1959a: pl. 9; Pjatkitskii 1931: 169; Postner 1974: 436; Reitter 1898b: 356, 1913a: 93, 1916: 298; Schedl 1934f: 1643, 1979c: 134; Spessivtsev 1922: 221, 1926: 50, (ms) Eggers 1911b; Seitner 1913a: 27; Wichmann 1959: 413.
- kuscheli** Schedl 1951d: 19. Syntypes, sex?: Chile; NMHN, Santiago, and 4 in Schedl Collection in NHMW, Wien. Distribution: South America (Chile). References: (ds) Schedl 1972d: 145, (tx) Schedl 1951d: 19, 1972d: 145, 1979c: 135.
- laetus** Wood 1976a: 355. Holotype ♀: Volcan Poas, Heredia, Costa Rica; Wood Collection. Distribution: North America (Costa Rica). Hosts: Tree branch. References: (ds) Bright 1951d: 103; Wood, S. L. 1982b: 1081, (tx) Bright 1951d: 103; Wood, S. L. 1976a: 355, 1982b: 1081.

languidus **Eichhoff** 1875b: 186. Holotype, sex?: America meridionalis (Venezuela); Hamburg Museum, lost.

Distribution: South America (Venezuela).

References: (**ds**) Blackwelder 1947: 782; Bruch 1914a; Hagedorn 1910d: 71; Kleine 1913b: 140, 1914b: 339. (**tx**) Eichhoff 1875a: 389, 1875b: 186; Hagedorn 1910a: 101.

lapponicus **Stark** 1952: 356. Syntypes, sex?: Kola peninsula, Maritime Prov.; IZL, Leningrad.

Distribution: Asia (Finland/ Ussuri in E USSR).

Hosts: *Picea obovata*, *Pinus cembra sibirica*, *P. koraiensis*.

References: (**cc**) Pfeffer 1960: 345. (**hb**) Kurenzov 1945b: 105, 1950d: 148; Stark 1952: 356. (**ds**) Nuorteva 1971: 71; Pfeffer 1960: 345, 1976: 340; Postner 1974: 437; Stark 1952: 356. (**tx**) Kurenzov 1941a: 177, 1945b: 105; Pfeffer 1976: 340; Postner 1974: 437; Stark 1952: 356.

laticeps **Bright** 1978: 75. Holotype ♂; 20.5 km N Oaxaca, Oaxaca, Mexico, 300 m; CNCI, Ottawa.

Distribution: North America (Oaxaca in Mexico).

Hosts: *Pinus* sp.

References: (**ds**) Bright 1981d: 237; Wood, S. L. 1982b: 1060. (**tx**) Bright 1978: 75, 1981d: 237; McNamara 1984: 756; Wood, S. L. 1982b: 1060.

lautus **Eichhoff** 1872a: 135. Holotype, sex?: Amer. bor.; Hamburg Museum, lost; neotype ♀; Morgantown, West Virginia [USA], designated by Bright 1976c: 427.

Figures: Blackman 1922b:pl. 1, fig. 5, Bright 1981d: 337.

Distribution: North America (Ontario, Quebec in Canada/ Connecticut, District of Columbia, Florida, Illinois, Indiana, Kansas, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Virginia, West Virginia, Wisconsin in USA).

Hosts: *Acer saccharum*, *Cercis canadensis*, *Hamamelis* sp., *Juglans nigra*, *Quercus* sp., *Picea* sp., *Pinus strobus*, *Rhus typhina*, *R. radicans*.

Notes: (3) Blackman 1928b: 37 (re-described), 1928b: 39 (*rhois acerini*, *rhois hamamelidis*, *rhois swainnei*, *piccae*, nomen nudum, no status).

References: (**bv**) Kirkendall 1981b. (**cn**) Felt 1906: 751; Hopkins 1899c: 443; Lindquist, O. H. & Syme 1981: 88; Swaine 1918a: 95; Syme & Nystrom 1988: 84. (**cc**) Bushing 1965: 465; Felt 1906: 751; Kirkendall 1981b. (**hb**) Blackman 1922b: 101, 103; Bright 1981d: 58; Chamberlin 1939: 360; Felt 1906: 751; Hopkins 1899c: 443; Kirkendall 1981b; Swaine 1918a: 95. (**ds**) Atkinson & Equihua 1985a: 92, 1988: 98; Atkinson et al. 1991: 163; Blackman 1922b: 101, 103; Blatchley & Leng 1916: 633; Bright 1981d: 58; Chamberlin 1925, 1939: 360; Deyrup 1981b: 8; Deyrup & Atkinson 1987a: 66; Drooz 1985: 363; Gemminger & Harold 1872: 2688; Hagedorn

1910d: 71; Henshaw 1885: 147; Hopkins 1893a: 131, 1893b: 209; Kleine 1913b: 140, 1914b: 386, 1934a: 160; Leng 1920: 341; Lindquist, O. H. & Syme 1981: 88; Swaine 1909: 135; Syme & Nystrom 1988: 84; Weber, B. C., & McPherson; Wood, S. L. 1982b: 1131. (**tx**) Blackman 1922b: 101, 103, 1928b: 36–38; Blandford 1898c: 6; Blatchley & Leng 1916: 633; Bright 1976c: 427, 1981d: 58, 337; Chamberlin 1939: 360; Eichhoff 1872a: 135, 1875b: 190; Hagedorn 1910a: 101; LeConte 1876: 354; Lindquist, O. H. & Syme 1988: 84; Swaine 1909: 135, 1918a: 95, 104; Titus, Meikle, & Harrison 1985: 105; Wood, S. L. 1982b: 1131. (**ms**) Eckstein 1900c.

rhois Swaine 1917: 26. Holotype, sex?: Ithaca, New York [USA]; CNCI, Ottawa. Synonymy: Bright 1976c: 427.

References: (**cn**) Blackman 1950; Lindquist, O. H. & Syme 1988: 84; Swaine 1918a: 95, 99; Syme & Nystrom 1988: 84. (**cc**) Loan & Matthews 1973; Marsh 1979: 295. (**hb**) Baker, W. L. 1972: 255; Beal & Massey 1945: 126–129; Blackman 1922b, 1950; Chamberlin 1939: 360; Swaine 1918a: 95, 99. (**ds**) Anonymous 1926c: 518; Beal & Massey 1945: 126–129; Beaulne 1956; Blackman 1922b: 103–104, 1950; Bright 1976d: 188; Chamberlin 1939: 360; Dodge 1938: Click 1939: 37, 71; Hoffmann 1940: 60–61, 1942: 13; Kirk 1969; Kleine 1934a: 161; Leng 1920: 341; Leonard 1928: 518; Lindquist, O. H. & Syme 1981: 88; Syme & Nystrom 1988: 84. (**tx**) Beal & Massey 1945: 126–129; Blackman 1921: 7–8, 1922b: 103–104, 1928b: 36–39; Bright 1967b: 678, 1976c: 427, 1977: 517; Chamberlin 1939: 360; Dodge 1938: 43; Hoebeke 1978; Lindquist, O. H. & Syme 1981: 88; de Ruelle 1970: 111; Swaine 1917: 26, 1918a: 95, 99, 104; Syme & Nystrom 1988: 84; Titus, Meikle, & Harrison 1985: 105; Wood, S. L. 1967d: 40.

natalis Blackman 1921: 8. Lectotype ♂?; Agricultural College, Mississippi [USA]; USNM, Washington. Synonymy: Bright 1976c: 427.

Notes: (3) Blackman 1928b: 37 (re-described).

References: (**cn**) Blackman 1950. (**hb**) Baker, W. L. 1972: 255; Beal & Massey 1945: 130; Blackman 1922b: 101–105, 1950; Chamberlin 1939: 360. (**ds**) Beal & Massey 1945: 130; Blackman 1922b, 1950; Chamberlin 1939: 360; Kleine 1934a: 160; Leng & Mutchler 1927: 52. (**tx**) Beal & Massey 1945: 130; Blackman 1921: 8, 1922b: 101–105, 1928b: 37–40; Bright 1976c: 193, 427, 1977: 517; Chamberlin 1939: 360; de Ruelle 1970: 110; Wood, S. L. 1964: 61.

lecontei **Bright** 1977: 525. Holotype ♀; Kitt Peak, Pima Co., Arizona [USA]; CNCI, Ottawa. Figures: Bright 1981d: 366.

Distribution: North America (Chihuahua in Mexico/ Arizona, New Mexico in USA).

Hosts: *Pinus cembroides*, *P. edulis*, one pair in *P. ponderosa*.

References: (ds) Bright 1981d: 260; Wood, S. L. 1982b: 1065. (tx) Bright 1977: 525, 1981d: 260, 366; McNamara 1984: 756; Wood, S. L. 1982b: 1065.

leechi Wood 1977b: 215. Holotype ♀; 3 km NNE Angwin on N side of Howell Mt., Napa Co., California [USA]; CAS, San Francisco.

Distribution: North America (California in USA).

Hosts: *Pinus ponderosa*.

References: (ds) Bright 1981d: 134; Wood, S. L. 1982b: 1051. (tx) Bright 1981d: 134; Wood, S. L. 1977b: 215, 1982b: 1051.

leiophyllae Blackman 1942a: 205. Holotype ♀; Chalco, Mexico, Mexico; USNM, Washington.

Distribution: North America (Hidalgo, Mexico, Michoacan, Oaxaca, Puebla, Veracruz in Mexico).

Hosts: *Pinus cembroides*, *P. leiophylla*, *P. teocote*, *P. sp.*

References: (hb) Atkinson & Equihua 1985a: 93; Atkinson et al. 1986: 39. (ds) Atkinson & Equihua 1985a: 93, 1985c: 360; Atkinson et al. 1986: 39; Blackwelder 1947: 782; Bright 1981d: 120; Wood, S. L. 1982b: 1057. (tx) Blackman 1942a: 205–206; Bright 1977: 515, 1981d: 120; Schedl 1955g: 24; Wood, S. L. 1982b: 1057.

auctor Blackman 1942a: 214. Holotype ♀; near Perote, Veracruz, Mexico; USNM, Washington. Synonymy: Bright 1977: 514.

References: (ds) Blackwelder 1947: 781. (tx) Blackman 1942a: 214; Bright 1977: 514; McNamara 1984: 754.

lewis Wood 1976c: 348. Holotype ♀; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: *Liana*.

References: (ds) Bright 1981d: 101; Wood, S. L. 1982b: 1082. (tx) Bright 1981d: 101; McNamara 1984: 756; Wood, S. L. 1976c: 348, 1982b: 1082.

lepidus Bright 1977: 526. Holotype ♀; 5.6 km S Suchixtepec on Highway 175, Oaxaca, Mexico, 2600 m; CNCI, Ottawa.

Figures: Bright 1981d: 356.

Distribution: North America (Oaxaca, Veracruz in Mexico).

Hosts: *Pinus lawsonii*, *P. sp.*

References: (hb) Atkinson et al. 1986: 39. (ds) Atkinson et al. 1986: 39; Bright 1981d: 191; Wood, S. L. 1982b: 1071. (tx) Bright 1977: 526, 1981d: 191, 356; McNamara 1984: 756; Wood, S. L. 1982b: 1071.

levis Wood 1986: 273. Holotype ♀; 25 km NW Flagstaff, Arizona (Hart's Prairie Road) [USA]; Wood Collection.

Distribution: North America (Arizona in USA).

Hosts: *Pinus ponderosa* twigs.

References: (tx) Wood, S. L. 1986: 273.

lichtensteini (Ratzeburg) 1837: 162 (*Bostrichus*).
Syntypes, sex?, Berlin, Germany; not located.

Figures: Grune 1979: 116, Pfeffer 1989apl. 9.

Distribution: Asia (Fujian in China/ E USSR), Europe (Austria/ Belgium/ Bulgaria/ Czechoslovakia/ Denmark/ England/ Finland/ France/ Germany/ Greece/ Hungary/ Italy/ Luxembourg/ Netherlands/ Norway/ Poland/ Spain/ Sweden/ Switzerland/ W USSR/ Yugoslavia).

Hosts: *Pinus cembra*, *P. nigra*, *P. peuce*, *P. sylvestris*, *Picea obovata*, rare in *Larix sibiricae*.

Notes: (3) Pfeffer 1940: 108, 112 (cites var. *robustus*, synonymy in Pfeffer 1965: 63).

References: (ay) Escherich 1923b: 483; Feytaud 1950a; Lekander 1959b: 36; Numberg 1929a: 141; Nusslin 1911a: 109; Scherb 1971. (bv) Grune 1979: 117; Hellen 1921. (cn) Barbey 1925: 281; Chorbadzhievo 1929; Eckstein 1926: 579; Egorov 1958: 1482; Escherich 1923b: 483; Esterberg 1959; Feytaud 1950a; Greekin 1962b: 707; Hellen 1921; Joly 1976; Judeich & Nitsche 1895: 526; Kangas 1937; Kobakhidze 1960: 1853; Koch 1913: 123; Kontkamen 1932: 59; Maar & Voore 1935: 641–651; Muller 1912: 185; Nesteritschuk 1930: 172; Nosek 1952b: 103; Nusslin 1913: 205; Pfeffer 1933: 43; Pierce, W. D. 1917: 75; Rhlumbler 1922: 308, 1927: 322; Saalas 1949: 343, 380; Schimitschek 1937c: 55, 1955c: 87; Schwerdtfeger 1944a: 177, 1957a: 183; Seitner 1913a: 27; Wachtl 1883b: 319, 1901: 377, 381; Weber, H. 1926: 579; Wichmann 1927b: 353. (cc) Barbey 1927; Bonicek 1974; Carpelan 1921; Jamnický 1957b: 26; Kangas 1937; Karpinski 1932a: 95; Kleine 1908c: 213; Kobakhidze 1960: 1853; Kostin 1964: 110; Lundberg 1984; Michalski & Ratajczak 1989; Nosek 1952b: 103, 1959a: 118, 1959b: 87; Nuorteva 1956a: 17, 1968a, 1970; Nusslin 1927: 322; Okolow 1963; Pfeffer 1923a: 332, 1925b: 3, 1933: 43, 1960: 345; Ronbal 1934a: 86; Ruhm 1956b: 4; Saalas 1930: 119, 1949: 343, 380; Schwerdtfeger 1944a: 177, 1957a: 183; Sedlaczek 1935a: 163; Seitner 1913a: 27; Seitner & Notzl 1925: 188; Tragardh 1927a: 210; Wichmann 1959: 413. (hb) Altum 1881c: 322; Barbey 1901: 23, 74, 1925: 281; Bargmann 1906; Bukowsky 1930; Chararas 1962c: 363; Charvat 1950; Chorbadzhievo 1929; Dombrowsky 1887, 1891; Eckstein 1926: 579; Eichhoff 1881a: 47, 193; Escherich 1923b: 483; Esterberg 1959; Feytaud 1950a; Fuchs 1904a; Gerhard 1908: 157–162; Gomostaev 1916: 312; Gyorfi 1957; Heinemann 1908: 156–164, 1909; Henschel 1895a: 172; Joly 1976; Judeich & Nitsche 1895: 526; Karpinski 1933b: 30; Karpinski & Strawinski 1948: 156; Knotek 1897: 136; Kostin 1960: 134; Krivolutskaia 1973: 140; Lekander 1959b: 36; Lengerken 1939: 65, 1954: 85; Michalski 1959a: 291; Munro 1920, 1926: 63; Nordlinger 1856: 27; Nosek 1959a: 118, 1959b: 87; Numberg 1929a: 111, 1929c: 121; Nuorteva 1968a, 1970; Nusslin 1898: 280, 1913: 205, 1927:

- 322; Pfeffer 1941b: 3; Postner 1974: 435; Ratzeburg 1839: 197; Rhumbler 1922: 308, 1927: 322; Rimski-Korsakov et al. 1949: 288; Rupertsberger 1879: 231, 1880: 229; Saalas 1919, 1949: 343, 380; Schwerdtfeger 1944a: 177, 1957a: 183, 1981: 190; Sedlacek 1935a: 163; Seitner & Notzl 1925: 188; Spessivtsev 1913a: 89, 1921b: 221; Stark 1926a: 336, 1952: 350; Tschorbadjiev 1929: 170; Wachtl 1876a: 460, 1901: 377, 381; Weber, H. 1926: 579; Wichmann 1927b: 353. 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- liquidambarus** Blackman 1921: 14. Lectotype ♀; Mound, Louisiana [USA]; USNM, Washington, designated by Bright 1976b: 183. Figures: Bright 1981d: 338. Distribution: North America (Arkansas, Connecticut, District of Columbia, Florida, Georgia, Illinois, Indiana, Louisiana, Mississippi, North Carolina, West Virginia in USA). Hosts: *Liquidambar styraciflua*. References: (cn) Blackman 1950, (cc) Bright 1981d: 64; Burks 1979: 856; Bushing 1965: 464; Marsh 1977: 150. (hb) Baker, W. L. 1972: 255; Beal & Massey 1945: 131; Blackman 1922b: 101–105, 1950; Bright 1981d: 64; Chamberlin 1939: 361; Ostmark 1968. (ds) Beal & Massey 1945: 131; Blackman 1922b: 101–105, 1950; Bright 1981d: 64; Chamberlin 1939: 361; Deyrup & Atkinson 1987b: 68; Drooz 1955: 363; Kirk 1970; Kleine 1934a: 160; Leng & Mitchler 1927: 52; Ostmark 1968; Weber, B. C., & McPherson 1991: 54; Wood, S. L. 1982b: 1133. (tx) Beal & Massey 1945: 131; Blackman 1921: 14, 1922b: 101–105, 1928b: 37–41; Bright 1976b: 183, 1981d: 64, 338; Chamberlin 1939: 361; de Ruelle 1970: 110; Wood, S. L. 1982b: 1133.
- litos** Bright 1976c: 435. Holotype ♀; 40 km W Orizaba, Veracruz, Mexico; CNCI, Ottawa. Distribution: North America (Veracruz in Mexico). Hosts: *Pinus* sp. References: (ds) Bright 1981d: 136; Wood, S. L. 1982b: 1055. (tx) Bright 1976c: 435, 1981d: 136; McNamara 1984: 756; Wood, S. L. 1982b: 1055.
- longipilus** Schedl 1951m: 112. Holotype ♀; Bolivien, Cochabamba; Eggers Collection, in NHMW, Wien. Distribution: South America (Bolivia). References: (tx) Schedl 1951m: 112, 1979c: 141.
- madagascariensis** Schedl 1951j: 21. Syntypes, sex?; Tananarive, Tsimbazaza; IRSM, Madagascar, and 2 ♂, 2 ♀ in Schedl Collection in NHMW, Wien. Distribution: Madagascar. Hosts: *Vernonia appendiculata*. References: (hb) Paulian 1951: 28. (ds) Paulian 1951: 28; Schedl 1977b: 112. (tx) Schedl 1951j: 2, 1953d: 69, 1965c: 69, 1977b: 112, 1979c: 144.
- malleatus** Bright 1978: 79. Holotype ♀; Walker, Yavapai Co., Arizona [USA]; CNCI, Ottawa. Figures: Bright 1981d: 351. Distribution: North America (Arizona in USA). Hosts: *Pseudotsuga menziesii*. References: (ds) Bright 1981d: 164. (tx) Bright 1978: 79, 1981d: 164, 351; McNamara 1984: 756.
- mandibularis** Schedl 1951m: 113. Syntypes ♂ ♀; Brasilien, Santa Catarina, Nova Teutonia; Schedl Collection in NHMW, Wien, and Planmann Collection. Distribution: South America (Brazil). Notes: (1) Schedl 1979c: 148 (citation of holotype invalid).
- References: (ds) Schedl 1966f: 86. (tx) de Ruelle 1970: 110; Schedl 1951m: 112–113, 1979c: 148.
- maroantsetrae** Schedl 1965c: 69. Holotype ♂?; Madagascar, Maroantsetra; Schedl Collection in NHMW, Wien. Distribution: Madagascar. References: (tx) Schedl 1965c: 69, 1977b: 113, 1979c: 149.
- mauretanicus** Peyerimhoff 1930: 259. Syntypes, sex?; Algerie: Djmdjura a Tidjida, 1750 m; MNHN, Paris. Distribution: Africa (Algeria/ Egypt/ Libya/ Morocco/ Tunisia), Europe (France). Hosts: *Pinus nigra mauretanicus*. Notes: (1) Originally named as a subspecies of *glabratus*. Pfeffer 1940: 121 (raised to specific rank). References: (cc) Berland 1934: 215. (hb) Chararas 1962c: 363. (ds) Chararas 1962c: 363; Peyerimhoff 1933b: 370; Pfeffer 1935: 158, 1976: 340, 1984: 277. (tx) Balachowsky 1949a: 239; Peyerimhoff 1930: 255, 259; Pfeffer 1940b: 109, 112, 1955a: 211, 1976: 340; Schedl 1934f: 1643, 1979c: 106.
- medialis** Wood 1976c: 361. Holotype ♀; Volcan Irazu, Cartago, Costa Rica, 2300 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: *Quercus* sp. References: (ds) Bright 1981d: 106; Wood, S. L. 1982b: 1084. (tx) Bright 1981d: 106; McNamara 1984: 756; Wood, S. L. 1976c: 361, 1982b: 1084.
- megas** Bright 1976c: 436. Holotype ♀; Cerro Potosi, Nuevo Leon, Mexico; CNCI, Ottawa. Distribution: North America (Nuevo Leon in Mexico). Hosts: *Pinus cuminicola*. References: (ds) Bright 1981d: 298; Wood, S. L. 1982b: 1113. (tx) Bright 1976c: 436, 1981d: 298; McNamara 1984: 756; Wood, S. L. 1982b: 1113.
- melanurus** Wood 1976c: 364. Holotype ♀?; 8 km W San Cristobal de las Casas, Chiapas, Mexico; CNCI, Ottawa. Distribution: North America (Chiapas in Mexico). Hosts: *Quercus* sp. References: (ds) Bright 1981d: 93; Wood, S. L. 1976c: 364, 1982b: 1026. (tx) Bright 1981d: 3; Wood, S. L. 1976c: 364.
- mendosus** Wood 1975b: 397. Holotype ♂; San Isidro del General, Costa Rica, 1000 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: "Fosforo" leaf petioles. References: (ds) Bright 1981d: 95; Wood, S. L. 1982b: 1029. (tx) Bright 1981d: 95; McNamara 1984: 756; Wood, S. L. 1975b: 397, 1982b: 1029.
- mesembria** Bright 1978: 80. Holotype ♀; Cerro Cabel, Quezaltenango, Guatemala; Wood Collection. Distribution: North America (Guatemala). Hosts: *Abies guatemalensis*.

- References: (**ds**) Bright 1981d: 318; Wood, S. L. 1982b: 1088. (**tx**) Bright 1978: 80, 1981d: 318; McNamara 1984: 756; Wood, S. L. 1982b: 1088.
- mexicanus** Blackman 1928b: 121. Holotype ♀; Correcn, Coahuila, Mexico; USNM, Washington. Distribution: North America (Coahuila, Jalisco, Tabasco in Mexico).
Hosts: *Parthenium argentatum*.
References: (**cn**) Lloyd 1911: 43. (**hb**) Bright 1981d: 30; Lange 1944: 395; Lloyd 1911: 43. (**ds**) Blackwelder 1947: 782; Bright 1981d: 30; Ferrer 1942; Kleine 1934a: 160; Lloyd 1911: 43; Romney 1946: 670–671; Wood, S. L. 1982b: 1118. (**tx**) Blackman 1928b: 121; Bright 1981d: 30; McNamara 1984: 756; Schedl 1940a: 348; Wood, S. L. 1982b: 1118.
- micans** Bright 1981d: 188. Holotype ♀; Chiltepec, Oaxaca, Mexico; CNCI, Ottawa.
Distribution: North America (Oaxaca in Mexico).
Hosts: *Pinus montezumae*.
References: (**ds**) Wood, S. L. 1982b: 1070. (**tx**) Bright 1981d: 188; Wood, S. L. 1982b: 1070.
- micrographus** (Linnaeus) 1758: 355 (*Dermestes*).
Syntypes, sex?; Europa; not located.
Figures: Postner 1974: 433 (adult).
Distribution: Asia (Turkey). Europe (Austria/ Bulgaria/ Czechoslovakia/ Denmark/ England/ Finland/ France/ Germany/ Greece/ Hungary/ Italy/ Norway/ Luxemburg/ Poland/ Romania/ Spain/ Sweden/ Switzerland/ W USSR/ Yugoslavia).
Hosts: *Abies bornmuelleriana*, *Picea abies*, *P. excelsa*, *P. obovata*, *P. omorika*, *Larix sibirica*.
References: (**ay**) Escherich 1923b: 463, 483, 601; Hadorn 1933; Nusslin 1911a: 5, 51, 60, 278, 338, 378; Sedlacek 1902b: 244. (**bw**) Grune 1979: 117; Kinelski 1958: 73; Meixner 1937: 1214; Naumann-Etienne 1978a; Nuorteva 1956c: 93; Rozhkov 1970: 143; Tragardh 1930b: 102. (**cn**) Androic 1966: 49; Baisch 1954: 321; Barbey 1906a, 1925: 70; Besceli 1963, 1964: 50–57; Borcea 1924; Borodajewsky 1929: 515–521, 1931: 155–156; Eckstein 1926: 579; Eliescu & St. Negru 1956; Escherich 1923b: 463, 483, 601, 1929, 1930a; Esterberg 1959; Feytaud 1950a; Gabler 1955; Hartig 1861: 330, 1877: 196; Hess 1898: 348; Hess & Beck 1914: 283, 1927: 339; Jacentkovsky 1933: 271; Jaensch 1835: 50; Judeich & Nitsche 1895: 524; Juntinen 1960: 25; Kamp 1950; Kangas 1947: 1–192, 1958d: 164; Keller 1903b: 48; Kholodkovskii 1912: 307; Koch 1913: 125; Komarek et al. 1931: 1–256; Kovacevic 1952: 69, 1957: 67; Kozikowsky 1929: 252; Maksimovic & Barlov 1961: 37; Maksimovic & Milanovic 1964, 1966; Marcu 1926c: 65; Merker 1954b: 209; Muller 1912: 252; Mumford 1960: 37; Nusslin 1913: 205; Ohnesorge 1955: 280; Pfeffer 1928a: 467, 1947c: 204, 1948a: 801, 1949b: 147, 1950c: 3; Pierce, W. D. 1917: 69; Postner 1971; Ratzburg 1871c: 81; Rhumbler 1927: 321; Rozhkov 1970: 143; Saalas 1949: 343, 379; Scheidter 1919: 88; Schimitschek 1930d: 136, 1935b: 149, 1938b: 115, 1944: 182, 1947g: 191, 1955a: 36–37, 1955c: 87; Schmeeberg 1925: 495; Schwerdtfeger 1944a: 181, 1957a: 186; Sedlacek 1933: 307; Sierpinski 1958: 69; Sinreich 1961: 166; Slander 1948: 10; Spaic 1956: 88, 1966: 454; Springer 1936b: 178; Thalenhorst 1950: 90; Tragardh 1938a: 12; Vappula 1965: 153; Wachtl 1883b: 319, 1901: 381; Walsh 1867: 103; Wardle 1929: 322; Weber, H. 1926: 579; Wichmann 1927b: 353; Zieger 1948a: 378. (**cc**) Baisch 1954: 321; Balazy 1962; Balazy & Michalski 1960; Barbey 1906a, 1927; Borodin 1962; Egger, A. 1974; Gaus & Wellenstein 1950; Geschwind 1918; Graham 1969: 877; Gyorfi 1941b; Heqvist 1956, 1957a, 1963: 154; Kangas 1946b: 21, 1971; Karpinski 1932a: 101; Kielczewski 1976; Kielczewski & Wisniewski 1983; Kleine 1908c: 213, 1909a: 47, 77, 1944: 69–70; Kraemer 1950b: 380; Lundberg 1984; Merker 1954b: 209; Michalski & Ratajczak 1989; Naumann-Etienne 1978a; Numberg & Wiackowski 1958: 130; Nuorteva 1956a: 17, 1957b: 62, 1968a, 1970, 1971; Nusslin 1927: 321; Okolow 1963; Pfeffer 1923a: 331, 1943b: 179, 1947c: 204, 1949b: 147, 1950c: 3; Poinar 1975: 167; Rulm 1956b: 4; Saalas 1937: 154, 1949: 343, 379, 1951: 16; Schimitschek 1930a: 340, 1955a: 36–37, 1957a: 186; Schwerdtfeger 1944a: 181; Sedlacek 1908: 53, 1933: 307, 1935a: 163; Seitter 1913a: 27; Sitowski 1930: 4; Szezepanski 1960a: 408, 1961: 3; Thompson, W. R. 1943: 91; Tragardh 1925a: 171, 1927a: 208; Vietinghoff 1924: 335; Wiackowski 1957b: 312; Zinovjev 1958: 386; Zunn 1955b. (**hb**) Apfelbeck 1916: 429–439, 1917; Barbey 1901: 23, 77, 1913, 1925: 70; Bargmann 1906; Belfa 1949; Berg 1827; Besceli 1963; Bloch 1776; Borcea 1924; Borodajewsky 1930a; Brandt 1948; Cecconi 1906, 1924; Charvat 1950; Dombrowsky 1887, 1891; Eckstein 1889, 1897, 1926: 579; Eichhoff 1881a: 47, 197; Egger, A. 1974; Escherich 1923b: 463, 483, 601; Feisthamel 1835; Feytaud 1950a; Fuchs 1904a, 1905c: 339, 1906: 46; Gabler 1955; Cornostaev 1916: 312; Gyorfi 1957; Hadorn 1933; Hartig 1861: 330, 1877: 196; Helmbacher 1924; Hennings 1908c: 218, 1908d; Henschel 1895a: 172; Hess 1898: 348; Hess & Beck 1914: 283, 1927: 339; Hufnagel 1887: 512; Hufnagel & Puzyr 1951: 108, 110; Jaensch 1838: 50; Judeich & Nitsche 1895: 524; Karpinski 1933b: 30; Karpinski & Strawinski 1948: 156; Kholodkovskii 1912: 307; Knotek 1894a: 558; Kozikowsky 1922a: 42; Kraemer 1948: 133, 1950b: 380; Lengerken 1939: 36, 65, 1954: 85; Lindberg 1963: 243; Loos 1913: 406; Lamardonii & Leonardi 1889: 458; Madon 1930: 99; Marcu 1930: 327–336; Mokrzecki 1925: 1–7; Naumann-Etienne 1978a; Numberg 1929: 110; Nuorteva 1956c: 93, 1968, 1970; Nusslin 1898: 281, 1906: 14, 1913: 205, 1927: 321; Ohnesorge 1955: 280; Pfeffer 1941c: 5; Postner 1974: 434; Ratzburg 1837: 162, 1839:

197. 1871c: 81; Reh 1900a: 95; Rhumbler 1927: 321; Rodd 1897: 34; Rozhkov 1970: 143; Rupertsberger 1880: 230; Saalas 1949: 343, 379, 1951: 16; Schimitschek 1930a: 340, 1944: 182, 1955a: 36–37; Schneider-Orelli 1947b: 157; Schwerdtfeger 1944a: 181, 1957a: 186; Sedlaczek 1935a: 163; Seitner 1911: 99; Simmel 1918: 288–291, 1925: 154; Spessivtsev 1913a: 87, 1921b: 221, 1923: 205, 1925d: 103, 1928a: 221, 1929: 678–682; Stark 1926a: 336, 1952: 342; Tragardh 1929a: 313, 1930b: 102, 1930c: 474, 1931: 57, 1939b: 147, 227; Trell 1908b: 140; Wachtl 1876a: 460, 1901: 381; Weber, H. 1926: 579; Wichnamm 1927b: 353; Zinovjev 1958: 386; Zivojinovic 1950: 299–310. (ds) Acloque 1896; Ammann & Knabl 1923; Androic 1966: 49; Arnoldi et al. 1955: 712; Badoux 1921; Bakke & Kvamme 1977; Balazy & Michalski 1960; Barth 1896; Ban 1888; Belfa 1949; Belonsov 1916, 1917: 336; Bielz 1887; Blanchere & Robert 1889; Blandford 1891a; Borcea 1924: 221–260; Brakman 1966b: 206; Brancsik 1871, 1906; Buresh & Lazarov 1956; Calver 1893; Ceconi 1897, 1906; Charvat 1950; Chorbadzhievo 1924d; Credler 1868; Croteh 1863; Dejean 1821, 1825; Duftschmidt 1825; Eder 1934; Eggers 1904; Ericson & Sandin 1893; Escalera 1919; Escherich 1923b: 463, 483, 601, 1929, 1930a; Esterberg 1928, 1959; Favre 1890; Florov 1940: 94; Fowler 1882: 64, 1891; Fuchs 1904a, 1905a, 1905c: 339, 1907: 46, 1913; Gaubil 1849: 126; Gauss & Wellenstein 1950; Gemminger & Harold 1872: 2688; Gerhardt 1898a; Geschwind 1918; Gillefors 1966; Goetze 1777: 130; Gornostaev 1917: 308–315; Gredler 1866: 374, 1869: 73, 1875: 115; Grill 1895: 311; Grouzelle 1905; Grune 1979: 117; Gussmann 1919: 62; Gyllenhal 1827: 624; Gyorfi 1941b; Hagedorn 1910d: 72; Hansen, V. 1939; Heinemann 1908a; Hellen 1947; Hennings 1954: 256, 261; Henschel 1879a, 1895a: 172; Heyden 1879: 140; Heyden, Reitter, & Weise 1883: 181, 1891: 672, 1906: 712; Holdhaus & Denbel 1910: 145; Horion 1935, 1949, 1951, 1956: 123; Hormuzaki 1891: 174; Hssen 1939: 336; Jacentkovsky 1933: 271; Jacentkovsky 1912: 288; Judeich & Nitsche 1895: 524; Kangas 1971; Karpinski 1925: 216, 1926: 82, 1931: 19, 28, 1932a: 101, 1933a: 290, 1933b: 30; Karpinski & Stravinski 1948: 156; Keler 1925b: 272; Kersten 1933: 76; Kestercanek 1881a: 12; Kinelski 1958: 73; Klefbeck & Sjöberg 1960: 230; Kleine 1912a: 262, 264, 268, 1913a: 35, 1913b: 140, 1934a: 160; Knotek 1892a: 37, 1894a: 558; Koca 1900: 116; Kolbe, W. 1916: 211, 1918: 211; Kovacevic 1957: 67; Kozikowsky 1921: 181, 1922: 42–43; Kraatz 1869: 59; Kraemer 1948: 133; Krivolitskaya 1983; Krol 1877: 34; Kurir 1947c: 14; Lacordaire 1866: 382; Langhoffer 1915c: 158; Leder 1871: 132; Leiler & Prutz 1977; Liegel 1886: 43; Lindberg & Saris 1952: 59; Lokaj 1868: 64; Lomnicki 1886a: 242, 1913b: 148; Loos 1913: 406; Linnarloni & Leonardi 1889: 458; Lundberg 1974: 92, 1979: 31; Lundblad 1950c: 115; Marcu 1926c: 65, 1957b: 213; Matthews & Fowler 1883: 42; Meinert 1887: 70; Mumford 1960: 37; Munster 1928: 289; Novak, P. 1964; Numborg 1927a: 214, 1928b: 88, 112, 1938: 126, 1954: 70, 1960: 158; Nuorteva 1956b: 168, 1971: 67; Nusslin 1898: 281; Orest 1926c: 65; Ortzen 1886: 279; Palm 1946: 122, 1948a: 91; Pfeffer 1924a: 96, 1924b: 471, 1935: 158, 1947c: 4, 1950b: 73, 1976b: 340, 1989a: 63; Pierce, W. D. 1917: 69; Platonoff 1943: 141; Pomerantzev 1907b: 492; Poppins 1900: 108; Postner 1974: 434; Prossen 1913: 83; Rapp 1934: 729; Ratzeburg 1837: 162, 1839: 197; Redtenbacher 1874: 379; Reitter 1894a: 76, 1916: 298, 352; Ruskov 1928c: 61; Saalas 1931: 70; Sahlberg 1900: 106; Schaufuss 1915: 1242; Schaum 1859: 95, 1862: 101; Scheerpeltz & Winkler 1930: 258; Schilsky 1909: 188; Schimitschek 1938b: 115; Schiodte 1873: 103; Seidl 1876: 4; Seidlitz 1872: 394, 1891a: 564, 1891b: 610; Sharp & Fowler 1893: 34; Solla 1893: 217; Sparre-Schneider 1889: 61; Stark 1926a: 336, 1926b: 105, 1926j: 127, 1931a: 26, 1931d: 545, 1952: 342; Stein 1868: 114; Stein & Weise 1877: 164; Stephens 1829a: 145, 1830: 356, 1839: 206; Stierlin 1898: 44; Stierlin & Gautard 1871: 293; Strand 1946: 601; Sturm 1826: 102; Thomson 1865: 368, 1868: 223; Tragardh 1919: 237–248, 1930: 468–480, 1935: 10–14, 1939b: 147, 227; Trappen 1935; Trell 1907: 14, 1908b: 140; Vappula 1965: 153; Villa & Villa 1833: 26; Wachtl 1876a: 460; Westhoff 1882: 238; Wichnamm 1909b: 173, 1927a: 73–74; Yanovskii 1977a; Yanovskii & Dmitrienko 1983; Yanovskii & Tegshzhargal 1985: 410; Zinovjev 1955: 157. (tx) Acloque 1896; Balachowsky 1949a: 235; Barbey 1901: 23, 77; Bechstein et al. 1805; Belfa 1949; Bertolini 1872; Blandford 1891a; Brancsik 1871; Charvat 1950; Chorbadzhievo 1924d; Dejean 1821, 1825; Doebner 1860; Dombrowsky 1887, 1891; Duftschmidt 1825; Eggers 1914: 183–184, 1915b: 13–14, 1940g: 36; Eichhoff 1864: 39, 1868d: 424, 1878b: 183, 1881a: 47, 197, 1883a: 111, 135; Endrochi 1957b; Escherich 1923b: 463, 483, 601; Escherich & Escherich 1897; Fabricius 1801: 387; Fankhauser 1912a; Fauvel 1889; Ferrant 1911; Ferrari 1867a: 32–33, 1867b: 114; Fleischer 1927; Formanek 1907: 37; Fuchs 1913; Gabler 1955; Gebien 1907: 197; Gmelin 1790: 1601; Goetze 1777: 130; Grune 1979: 117; Gyllenhal 1813: 362, 1827: 624; Hagedorn 1910a: 101; Henry 1892: 14; Henschel 1895a: 172; Houlbert 1922apl. 1; Jacobson 1895: 521; Jacquelin du Val & Fairmaire 1868: 112; Jansson 1936: 220; Judeich & Nitsche 1895: 524; Karpinski & Stravinski 1948: 156; Knotek 1892a: 37; Koch 1913: 125, 1928: 99, 1932: 119; Kuhn 1913: 1056; Kurenzov 1941: 233; Lacordaire 1866: 382; LeConte 1858: 355; Letzner 1891: 376; Linnaeus 1758: 355, 1767: 143; Lovendal 1898: 131; Lucas

- 1920: 515; Lamardoni & Leonardi 1889: 458; Marsham 1802: 52; Meixner 1937: 1214; Numberg 1930, 1938: 126, 1954: 70; Nusslin 1911a: 5, 51, 60, 110, 278, 338, 378; Olivier 1795b: 9; Paykull 1800: 155; Pfeiffer 1940b: 107, 116, 1941c: 5, 1947c: 4, 1955a: 214, 1976: 340; Pjatnitskii 1931: 171, 173; Portevin 1935: 333; Postner 1974: 434; Quaschik 1953: 35; Ratzburg 1837: 162, 1839: 197; Redtenbacher 1849a: 359, 851, 1849b: 26, 1874: 379; Reitter 1894a: 76, 1913a: 92, 1916: 298, 352; Rhumbler 1927: 321; Rupertsberger 1880: 230; Saalas 1949: 343, 379; Sahlberg 1836: 150; Schedl 1934f: 1643; Schimitschek 1937: 55, 1955c: 87; Seidlitz 1872: 394, 1891a: 564, 1891b: 610; Seitner 1887: 44; Simmel 1918: 288; Sokanovskii 1929: 670–672, 1954: 19; Spessivtsev 1913a: 87–88, 1922a: 487, 1922b: 221, 1923: 205–206, 1925a: 182, 1925b: 23, 1925d: 103–104, 1926b: 48–50, 1929c: 298, 303, 1931: 61–62; Stark 1927: 227–230, 1952: 342; Stephens 1829a: 145, 1829b: 12, 1830: 356, 1839: 206; Stierlin 1898: 441; Thomson 1865: 368, 1868: 223; Villers 1789: 214. (**ms**) Eichhoff 1868d: 424; Hartig 1834: 109; Heinemann 1908a; Kozakowsky 1929: 252; Lucas 1920: 515; Reh 1900a: 95; Seitner 1913a: 27.
- femicus* Eggers 1914: 153. Lectotype ♂: Finland: Karislojo, Turtola; USNM, Washington, designated by Anderson & Anderson 1971: 13. Synonymy: Stark 1952: 342.
References: (**bv**) Pfeiffer 1940b: 116; Tragardh 1930b: 102. (**ec**) Saalas 1917a: 18, 1928: 652. (**hb**) Saalas 1913a: 67, 86, 1914: 88, 305; Spessivtsev 1921b: 221; Tragardh 1930b: 102. (**ds**) Pfeiffer 1924b: 471, 1935: 159; Saalas 1913a: 67, 86, 1916: 110–116, 1917a: 18; Schanfuss 1915: 1242. (**tx**) Anderson, W. H. & Anderson 1971: 13; Balachowsky 1949a: 235; Eggers 1914: 153–154, 1915b: 13–14; Endrodi 1957b: 417; Michalski 1969b: 569; Pfeiffer 1940b: 116; Saalas 1913a: 67, 86; Schedl 1934f: 1643; Spessivtsev 1922a: 487, 1922b: 221, 1923: 205–206, 1925d: 103–104, 1926b: 48–50, 1931: 61–62; Tragardh 1930b: 102.
- micrographus sibiricus* Stark 1952: 344. Syntypes, sex?; Siberia, USSR; E.Z.L., Leningrad.
References: (**ds**) Pfeiffer 1976: 340. (**tx**) Pfeiffer 1976: 340; Stark 1952: 344.
- micrographus curtulus* Sokanovskii 1954: 19. Syntypes?; Poland; not located.
References: (**ds**) Pfeiffer 1976: 340. (**tx**) Pfeiffer 1976: 340; Sokanovskii 1954: 19.
- micrographus longulus* Sokanovskii 1954: 19. Syntypes?; Poland; not located.
References: (**tx**) Endrodi 1957b: 417; Kinclaki 1958: 73; Numberg 1960: 158; Sokanovskii 1954: 19.
- micrograptinus* Wood 1989: 179. Holotype, sex?; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien, automatic.
- Distribution: South America (Brazil).
References: (**tx**) Wood, S. L. 1989: 179.
- micrographus* Schedl 1972g: 60 (*Breviophthorus*). Holotype, sex?; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien, preoccupied by Linnaeus 1758.
References: (**tx**) Schedl 1972g: 60, 1979c: 152; Wood, S. L. 1989: 179.
- miniatus* Bright 1981d: 280. Holotype ♀; Cerro Pena Blanca, Honduras; Wood Collection.
Distribution: North America (Guatemala/ Honduras/ Oaxaca in Mexico/ Nicaragua).
Hosts: *Pinus lawsoni*, *P. oocarpa*, *P. pseudostrobus*.
References: (**ds**) Wood, S. L. 1982b: 1099. (**tx**) Bright 1981d: 280; Wood, S. L. 1982b: 1099.
- minus* Bright 1976c: 437. Holotype ♀; Hannagan Camp, Greenlee Co., Arizona [USA]; CNCI, Ottawa.
Distribution: North America (Arizona in USA).
Hosts: (?) *Pinus* sp.
References: (**ds**) Bright 1981d: 197; Wood, S. L. 1982b: 1036. (**tx**) Bright 1976c: 437, 1981d: 197; McNamara 1984: 757; Wood, S. L. 1982b: 1036.
- minutalis* Wood 1976c: 357. Holotype ♀; Palim, Esquintla, Guatemala; Wood Collection.
Distribution: North America (Guatemala).
Hosts: Shrub.
References: (**ds**) Bright 1981d: 42; Wood, S. L. 1982b: 1139. (**tx**) Bright 1981d: 42; McNamara 1984: 757; Wood, S. L. 1976c: 357, 1982b: 1139.
- minutus* Schedl 1963d: 221. Holotype ♂; Brasilien: Matto Grosso, Rio Caraguata; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**tx**) Schedl 1963d: 221, 1979c: 157.
- modicus* Blackman 1928b: 94. Holotype ♀; Las Vegas H.S. [Hot Springs], New Mexico [USA]; USNM, Washington.
Figures: Bright 1981d: 344.
Distribution: North America (Chihuahua, Durango in Mexico/ Arizona, California, Nevada, New Mexico, Utah in USA).
Hosts: *Pinus cembroides*, *P. edulis*, *P. monophylla*, *P. sabiniana*.
References: (**ec**) Bushing & Bright 1965: 203. (**hb**) Bright & Stark 1973: 112; Chamberlin 1939: 385. (**ds**) Bright 1964: 170, 1981d: 123; Bright & Stark 1973: 112; Chamberlin 1939: 385; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1035. (**tx**) Blackman 1928b: 89, 94–95; Bright 1964: 165–170, 1966b: 304, 1981d: 123, 344; Chamberlin 1939: 385; Wood, S. L. 1982b: 1035.
- natus* Blackman 1928b: 95. Holotype ♀; Morgan Hill, California [USA]; USNM, Washington. Synonymy: Bright 1966b: 304.
References: (**hb**) Chamberlin 1939: 385. (**ds**) Chamberlin 1939: 385; Kleine 1934a: 160; Leng & Mutchler 1933: 52. (**tx**) Blackman

- 1928b: 95; Bright 1966b: 304; Chamberlin 1939: 355; de Ruelle 1970: 110.
- molestus** Wood 1976c: 362. Holotype ♀; Los Albitos, San Luis Potosi, Mexico; Wood Collection. Distribution: North America (San Luis Potosi in Mexico).
Hosts: *Liquidambar styraciflua*.
References: (ds) Atkinson & Equilua 1988: 98; Bright 1981d: 61, 1986b: 683; Estrada & Atkinson 1988: 212; Wood, S. L. 1982b: 1131. (tx) Bright 1981d: 61; McNamara 1984: 757; Wood, S. L. 1976c: 362, 1982b: 1131.
- montezumae** Bright 1978: 81. Holotype ♀; 11 km E San Cristobal, Chiapas, Mexico; CNCI, Ottawa. Figures: Bright 1981d: 367. Distribution: North America (Chiapas in Mexico).
Hosts: *Pinus montezumae*.
References: (hb) Atkinson et al. 1986: 39; Burgos & Saucedo 1983: 119. (ds) Atkinson & Equilua 1985a: 97; Atkinson et al. 1986: 39; Bright 1981d: 272, 1986b: 683; Burgos & Saucedo 1983: 119; Wood, S. L. 1982b: 1079. (tx) Bright 1978: 81, 1981d: 272, 367; McNamara 1984: 757; Wood, S. L. 1982b: 1079.
- montivagus** Bright 1977: 527. Holotype ♀; Km 77 on Highway 175 about 55 km N Oaxaca, Oaxaca, Mexico; CNCI, Ottawa. Figures: Bright 1981d: 348. Distribution: North America (Oaxaca in Mexico).
Hosts: *Pinus ayacahuite*, *P. patula*.
References: (hb) Atkinson et al. 1986: 39. (ds) Atkinson et al. 1986: 39; Bright 1981d: 145; Wood, S. L. 1982b: 1094. (tx) Bright 1977: 527, 1981d: 145, 348; McNamara 1984: 757; Wood, S. L. 1982b: 1094.
- mormon** Bright 1977: 528. Holotype ♀; Parawan Canyon, Utah [USA]; Wood Collection. Distribution: North America (Arizona, California, Utah in USA).
Hosts: *Pinus aristata*, *P. contorta*, *P. flexilis*.
References: (ds) Bright 1981d: 236; Wood, S. L. 1982b: 1039. (tx) Bright 1977: 528, 1981d: 236; McNamara 1984: 757; Wood, S. L. 1982b: 1039.
- morosovi** Spessivtsev 1926b: 48. Syntypes, sex?; Central Russia, Gov. Kaluga, Orlov; Spessivtsev Collection in IPKE, Eberswalde. Figures: Tsai & Li 1959: 94, Yin, Huang, & Li 1984: 120. Distribution: Asia (China/ E USSR), Europe (Czechoslovakia/ Finland/ Poland/ Sweden/ W USSR).
Hosts: *Picea excelsa*, *P. koraiensis*, *P. obovata*.
References: (bv) Grune 1979: 119. (cn) Esterberg 1959; Kontkanen 1932: 62; Pfeffer 1948a: 801, 1950c: 3. (ec) Karpinski 1932a: 103; Pfeffer 1950c: 3, 1960: 345. (hb) Karpinski 1933b: 30, 1955: 79; Karpinski & Strawinski 1948: 156; Postner 1974: 435; Stark 1952: 353. (ds) Esterberg 1959; Grune 1979: 119; Hansen 1939; Hellen 1947; Karpinski 1931: 18, 30, 1932a: 103, 1933b: 30, 1948b: 231, 1955: 79; Karpinski & Strawinski 1948: 156; Kleine 1934a: 160; Klefbeck & Sjöberg 1960: 230; Kontkanen 1932: 62; Lucht 1987: 275; Lundberg 1975: 12, 1977; Numberg 1954: 71; Nuorteva 1971: 71; Pfeffer 1960: 345, 1976: 340, 1989a: 66; Postner 1974: 435; Schedl 1980a: 23, 1981b: 79; Stark 1931a: 26, 1931d: 553, 1952: 353; Strand 1946: 601; Yanovskii & Tegshzhargal 1955: 410; Yin, Huang, & Li 1984: 120; Zinovjev 1955: 187. (tx) Blackman 1928b: 1-184; Grune 1979: 119; Karpinski & Strawinski 1948: 156; Lucht 1987: 275; Numberg 1938: 126, 1954: 71; Pfeffer 1940b: 109, 113, 124, 1955a: 221, 1976: 340; Postner 1974: 435; Schedl 1934f: 1643, 1980a: 23, 1981b: 79; Sokanovskii 1929: 670-672; Spessivtsev 1926b: 48, 1931: 63-64; Stark 1927: 227-230, 1952: 353; Tsai & Li 1959: 94; Yin, Huang, & Li 1984: 120.
- morosus** Wood 1976c: 362. Holotype ♀; Zamorano, Morazan, Honduras; Wood Collection. Figures: Bright 1981d: 338. Distribution: North America (Guatemala/ Honduras/ Chiapas, Veracruz in Mexico).
Hosts: *Eupatorium dalioides*, and a liana.
References: (ds) Bright 1981d: 62; Wood, S. L. 1982b: 1129. (tx) Bright 1981d: 62, 338; McNamara 1984: 757; Wood, S. L. 1976c: 362, 1982b: 1129.
- mpossae** Schedl 1957d: 63. Holotype, sex?; Congo Belge; Yangambi; MRCB, Tervuren. Distribution: Africa (Zaire).
Hosts: *Berlinia acuminata*, *B. grandiflora*.
References: (bv) Schedl 1960f: 34. (hb) Schedl 1960f: 77, 1962j: 15. (ds) Schedl 1960f: 34, 1962j: 15. (tx) Schedl 1957d: 63, 1962j: 15, 1979c: 160.
- mulungensis** Schedl 1957d: 60. Holotype ♂?; Congo Belge; Kivu, Chute de la Rutshuru; MRCB, Tervuren. Distribution: Africa (Kenya/ Zaire).
Hosts: *Caesalpinia decapetala*, and a liana.
References: (hb) Schedl 1962j: 16. (ds) Schedl 1962j: 16. (tx) Schedl 1957d: 60, 1962j: 16, 1979c: 161.
- murrayanae** Blackman 1922d: 135. Holotype ♀; Grand Lake, Colorado [USA]; USNM, Washington. Figures: Bright 1981d: 372. Distribution: North America (Alaska/ Alberta, British Columbia, Manitoba, New Brunswick, Northwest Territories, Ontario in Canada/ Arizona, California, Colorado, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming in USA).
Hosts: *Picea glauca*, *P. engelmannii*, *P. pungens*, *Pinus albicaulis*, *P. contorta*, *P. flexilis*, *P. ponderosa*, *P. radiata*.
Notes: (3) Blackman 1928b: 133 (re-described).

Bright 1951d: 311 (recognized subsp. *aurulentus*; its status is very doubtful).

References: **(cn)** Lindgren 1950a: 68. **(cc)** Matthews 1970; Powell, J. M., Wong, & Melvin 1972: 15; Werner & Holsten 1984. **(hb)** Bright & Stark 1973: 115; Chamberlin 1939: 398, 1958: 160; Lindgren 1950a: 68. **(ds)** Bright 1976d: 183, 1981d: 311; Chamberlin 1925, 1939: 398, 1958: 160; Evans, D. 1975, 1983: 35; Gast et al. 1989: 385; Keen 1929a: 33; Kleine 1934a: 160; Leng & Mutchler 1927: 52; Werner & Holsten 1984; Wood, S. L. 1957c: 401, 1972a: 427, 1982b: 1103. **(tx)** Blackman 1922d: 138, 1928b: 115, 133; Bright 1981d: 311, 372; Chamberlin 1939: 398, 1958: 160; Evans, D. 1983: 35; Keen 1929a: 33; de Ruelle 1970: 110; Wood, S. L. 1957c: 401, 1972a: 427, 1977d: 515, 1982b: 1103.

elongatus Swaine 1925b: 194. Holotype ♀; Midday Valley, Merritt, British Columbia [Canada]; CNCI, Ottawa. Synonymy: Blackman 1928b: 133.

References: **(ds)** Kleine 1934a: 159; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 117, 133; Bright 1967b: 678; de Ruelle 1970: 109; Swaine 1925b: 194.

gracilis Swaine 1925b: 195. Holotype ♀; Grant Co., Oregon [USA]; CNCI, Ottawa. Synonymy: Wood 1977d: 515.

Notes: (3) Blackman 1928b: 134 (re-described).

References: **(cn)** Lindgren 1950a: 68. **(hb)** Chamberlin 1939: 398, 1958: 160; Lindgren 1950a: 68. **(ds)** Bright 1976d: 182; Chamberlin 1939: 398, 1958: Evans, D. 1983: 35; Evans, D., Lowe, & Hunt 1978; Keen 1929a: 33; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1948: 54, 1951a: 128, 1972a: 427. **(tx)** Blackman 1928b: 116, 134; Bright 1966b: 301, 1967b: 678; Chamberlin 1939: 398, 1958: 160; Evans, D. 1983: 35; Keen 1929a: 33; de Ruelle 1970: 109; Swaine 1925b: 195; Wood, S. L. 1951a: 128, 1972a: 427, 1977d: 515.

cutleri Swaine 1925b: 195. Holotype ♀; Midday Valley, Merritt, British Columbia [Canada]; CNCI, Ottawa. Synonymy: Wood 1977d: 515.

Notes: (3) Blackman 1928b: 136 (re-described).

References: **(hb)** Chamberlin 1939: 399, 1958: 161. **(ds)** Bright 1976d: 181; Chamberlin 1939: 399, 1958: 161; Keen 1929a: 34; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1972a: 427. **(tx)** Blackman 1928b: 117, 136; Bright 1967b: 678; Chamberlin 1939: 399, 1958: 161; Keen 1929a: 34; de Ruelle 1970: 109; Swaine 1925b: 195; Wood, S. L. 1972a: 427, 1977d: 515.

exilis Swaine 1925b: 196. Holotype ♀; Ochoco National Forest, Oregon [USA]; CNCI, Ottawa. Synonymy: Wood 1977d: 515.

References: **(hb)** Chamberlin 1939: 398. **(ds)**

Chamberlin 1939: 398; Leng & Mutchler 1933: 52; Patterson & Hatch 1945: 153. **(tx)** Blackman 1928b: 116, 134; Chamberlin 1939: 398; de Ruelle 1970: 109; Swaine 1925b: 196; Wood, S. L. 1977d: 515.

tenuis Swaine 1925b: 196. Holotype ♀; Merritt, Midday Valley, British Columbia [Canada]; CNCI, Ottawa. Synonymy: Wood 1957c: 401.

References: **(hb)** Chamberlin 1939: 398. **(ds)** Chamberlin 1939: 398; Keen 1929a: 33; Kleine 1934a: 161; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 116, 134; Bright 1967b: 679; Chamberlin 1939: 398; Keen 1929a: 33; de Ruelle 1970: 111; Swaine 1925b: 196; Wood, S. L. 1957c: 401.

depygus Blackman 1928b: 128. Holotype ♀; Clyde, Colorado [USA]; USNM, Washington. Synonymy: Wood 1977: 515.

References: **(hb)** Chamberlin 1939: 396. **(ds)** Chamberlin 1939: 396; Keen 1929a: 33; Kleine 1934a: 159; Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 128; Chamberlin 1939: 396; Keen 1929a: 33; McNamara 1984: 755; Wood, S. L. 1977: 515.

watsoni Schedl 1930: 197. Holotype ♀; NiCTOR Lake, New Brunswick [Canada]; CNCI, Ottawa. Synonymy: Wood 1977d: 515.

References: **(hb)** Chamberlin 1939: 401. **(ds)** Beaulne 1956; Bright 1976d: 188; Chamberlin 1939: 401; Leng & Mutchler 1933: 52. **(tx)** Chamberlin 1939: 401; de Ruelle 1970: 112; Schedl 1930: 197–199, 1931b: 166; Wood, S. L. 1964: 65, 1977d: 515.

aurulentus Bright 1966b: 301. Holotype ♀; Shell Ridge at Walnut Creek, Contra Costa Co., California [USA]; CAS, San Francisco. Synonymy: Wood 1977d: 516.

Notes: (3) Bright 1981d: 311 (treated as a subspecies; validity doubtful). Wood 1982b: 1103 (This name is based on females with long frontal hair; this variation occurs sporadically throughout the range of the species).

References: **(hb)** Bright & Stark 1973: 116. **(ds)** Bright 1971d: 311; Bright & Stark 1973: 116. **(tx)** Bright 1966b: 301, 1981d: 311; de Ruelle 1970: 108; Wood, S. L. 1977d: 516.

acceptus Bright 1981d: 315. Holotype ♀; Granite Pass, Big Horn Mountains, Wyoming [USA]; CNCI, Ottawa. Synonymy: Wood 1982b: 1103.

References: **(tx)** Bright 1981d: 315; Wood, S. L. 1982b: 1103.

nanus Wood 1964: 64. Holotype ♀; Totolapan, Oaxaca, Mexico; Wood Collection.

Distribution: North America (Chiapas, Jalisco, Oaxaca in Mexico).

Hosts: *Bursera* sp.

References: **(cc)** Equihua & Atkinson 1986: 634. **(hb)** Atkinson et al. 1986: 72; Burgos & Saucedo 1983: 123; Equihua & Atkinson 1986: 634. **(ds)**

- Atkinson et al. 1986: 72; Bright 1981d: 78; Burgos & Saucedo 1983: 123; Equihua & Atkinson 1986: 634; Wood, S. L. 1982b: 1125. **(tx)** Bright 1981d: 78; McNamara 1977: 198; Wood, S. L. 1964: 64, 1982b: 1125.
- nebulosus** Wood 1976a: 363. Holotype ♀; Lake Catemaco, Veracruz, Mexico; CNCI, Ottawa. Figures: Bright 1981d: 341. Distribution: North America (Veracruz in Mexico). Hosts: *Bursera* sp. References: **(ds)** Bright 1981d: 100, 1986: 683; Estrada & Atkinson 1988: 212; Wood, S. L. 1982b: 1126. **(tx)** Bright 1981d: 100, 341; McNamara 1984: 757; Wood, S. L. 1976a: 363, 1982b: 1126.
- nemoralis** Wood 1976a: 351. Holotype ♀; Zamorano, Morazan, Honduras; Wood Collection. Distribution: North America (Costa Rica/Honduras). Hosts: *Aristolochia anguicida*, and a liana. References: **(ds)** Bright 1981d: 55; Wood, S. L. 1982b: 1114. **(tx)** Bright 1981d: 55; McNamara 1984: 757; Wood, S. L. 1976a: 351, 1982b: 1114.
- niger** Schedl 1938a: 187. Holotype, sex?; Porto Alegre [Brasil]; USNM, Washington. Distribution: South America (Brazil). References: **(ds)** Blackwelder 1947: 782. **(tx)** Anderson, W. H. & Anderson 1971: 22; Schedl 1938a: 187–188, 1979c: 166.
- nigricans** Blandford 1904: 236. Lectotype ♂; Quiche Mountains, Guatemala; BMNH, London, designated by Bright 1976b: 184. Figures: Bright 1981d: 356. Distribution: North America (El Salvador/Guatemala/Chiapas, Durango, Hidalgo in Mexico). Hosts: *Pinus ayacalhuite*, *P. rudis*, *P. strobiformis*. Notes: (3) Bright 1981d: 189 (This is *nitidulus* of Schedl 1956: 18 and Schwerdtfeger 1957: 497). References: **(cc)** Becker, G. 1953, 1955. **(hb)** Becker, G. 1953, 1955. **(ds)** Becker, G. 1953; Blackwelder 1947: 782; Bright 1981d: 189; Ferrer 1942; Hagedorn 1910d: 173; Kleine 1913b: 140, 1914b: 363; Schedl 1963c: 158, 1977c: 42; Wood, S. L. 1982b: 1071. **(tx)** Blandford 1904: 236; Bright 1976b: 184, 1978: 72, 1981d: 189, 356; Hagedorn 1910a: 101; Schedl 1935a: 153, 1940a: 348, 1955g: 18, 20; Wood, S. L. 1982b: 1071. *chiapensis* Bright 1977: 522. Holotype ♀; 13 km E San Cristobal, Chiapas, Mexico; CNCI, Ottawa. Synonymy: Bright 1978: 72. References: **(tx)** Bright 1977: 522, 1978: 72; McNamara 1984: 754.
- nitellus** Browne 1973a: 291. Holotype, sex?; Zaire: Mwaka, Bulongo; MRBC, Tervuren. Distribution: Africa (Zaire). References: **(tx)** Browne 1973a: 291.
- nitidipennis** (Schedl) 1967d: 10 (*Breviophthorus*). Holotype, sex?; Brasilien, Chapeco, 24 07, 52 36, 600 m; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: **(ds)** Schedl 1976a: 52. **(tx)** Schedl 1967d: 10–11, 1979c: 169.
- nitidulus** (Mannerheim) 1843: 298. Lectotype ♀; Sitka Island, Alaska; MZU, Helsinki, designated by Bright 1976b: 186. Figures: Bright 1981d: 351. Chamberlin 1958: 155 (galleries). Distribution: North America (Alaska/ Alberta, British Columbia in Canada/ Arizona, California, Idaho, Nevada, Oregon, Utah, Washington, Wyoming in USA). Hosts: *Picea engelmannii*, *P. glauca*, *P. sitchensis*, *Pinus contorta*, *P. muricata*, *P. radiata*. Notes: (3) Blackman 1928b: 108 (redescribed). References: **(bv)** Furniss, M. M., Baker, & Hostetler 1976: 1300; Melsheimer 1853: 57. **(cn)** Anonymous 1968g; Chamberlin 1924; Currie 1905: 72; Doane et al. 1936; Essig 1926: 519, 1958: 519; Fall & Cockerell 1907: 217; Gillette 1903: 118; Hopkins 1904a: 17; Lindgren 1980a: 68; Ohmart & Voigt 1982: 345; Schuder 1969: 76; Swaine 1918a: 96, 100. **(cc)** Bushing & Bright 1965: 203; Chamberlin 1918a; Deyrup & Gara 1978: 275; Marsh 1979: 295; Ohmart & Voigt 1982: 340; Schedl 1958d: 187; Werner & Holsten 1984. **(hb)** Bright & Stark 1973: 113; Chamberlin 1939: 388, 1958: 154–155; Doane et al. 1936; Essig 1926: 519, 1958: 519; Hopkins 1904a: 17; Lindgren 1980a: 68; Pierce, W. D. 1906: 290; Schwarz 1894b: 255, 1905: 185; Schwerdtfeger 1957: 496; Swaine 1918a: 96, 100. **(ds)** Anonymous 1968g; Blackwelder 1947: 782; Bright 1976d: 183, 1981d: 167; Bright & Stark 1973: 113; Chamberlin 1917: 355, 1918a: 16, 1925, 1939: 388, 1958: 154–155; Cockerell et al. 1907; Currie 1905; Essig 1926: 519, 1958: 519; Evans, D. 1983: 35; Evans, D., Lowe, & Hunt 1978; Furniss, M. M., Hungerford, & Wicker 1972; Furniss, R. L. & Carolin 1977: 402; Gemminger & Harold 1872: 2688; Hagedorn 1910d: 73; Hamilton 1894a: 35; Henshaw 1885: 147; Keen 1929a: 33, 1938: 32; Kleine 1912a: 218, 1913b: 140, 1934a: 160; Leng 1920: 341; Ohmart & Voigt 1981: 677, 1982: 340; Schedl 1955g: 18–20, 1963c: 158; Schuder 1969: 76; Schwarz 1894: 255, 1900: 537, 1910: 185; Swaine 1909: 135; Van Dyke 1924: 26; Werner & Holsten 1984; Wickham 1896a: 309; Wood, S. L. 1982b: 1095. **(tx)** Blackman 1928b: 91, 108–109; Bright 1976b: 186, 1981d: 167–168, 351; Chamberlin 1939: 388, 1958: 154–155; Eichhoff 1878b: 173; Evans, D. 1983: 35; Fall 1926: 208; Hagedorn 1910a: 101; Hoebcke 1978; Keen 1929a: 33; LeConte 1857: 22, 1868: 157, 1876: 354; Mannerheim 1843: 298 (reprint p. 126), 1852: 359 (reprint p. 152), 1853: 273; Melsheimer 1853: 87; Swaine 1909: 135, 1918a: 96, 100–101; Wood, S. L. 1969c: 115, 1982b: 1095.
- atratus* LeConte 1868: 156. Lectotype ♂; Cabo de los Reyes, California [USA]; MCZ, Cam-

bridge, designated by Bright 1967b: 185. Synonymy: LeConte 1876: 354.

References: **(cn)** Chamberlin 1924; Swaine 1918a: 96, 101. **(hb)** Swaine 1918a: 96, 101. **(ds)** Chamberlin 1925; Henshaw 1882: 268; Hopping 1922; Leng 1920: 341; Swaine 1909: 136. **(tx)** Blackman 1928b: 108; Bright 1976b: 185; Eichhoff 1872b: 137, 1878b: 175; LeConte 1868: 156–157, 1876: 354; Schedl 1955g: 21; Swaine 1909: 136, 1918a: 96, 101.

puncticollis LeConte 1874: 71. Lectotype ♀; Calaveras, California [USA]; MCZ, Cambridge, designated by Bright 1976b: 185. Synonymy: Blackman 1928b: 109.

References: **(cn)** Currie 1905: 72; Essig 1926: 519; Fall & Cockerell 1907: 217; Hopkins 1904a: 16; Keen 1929: 53. **(hb)** Essig 1926: 519; Hopkins 1904a: 16; Keen 1929: 53; Pierce, W. D. 1907: 291. **(ds)** Chamberlin 1917: 355, 1925; Cockerell et al. 1907; Currie 1905; Essig 1926: 519, 1958: 519; Hagedorn 1910d: 75; Henshaw 1882: 268, 1885: 147; Keen 1929: 53; Kleine 1913b: 141, 1914b: 387, 1934a: 161; Leng 1920: 341; Swaine 1909: 139. **(tx)** Blackman 1928b: 108–109; Bright 1976b: 185; Hagedorn 1910a: 101; LeConte 1874a: 70–71, 1876: 354; Schedl 1955g: 21; Swaine 1909: 139, 1918a: 101.

nitidus Swaine 1917: 25. Lectotype ♀; Tullohogoram, Quebec [Canada]; CNCI, Ottawa, designated by Bright 1967b: 678.

Figures: Bright 1981d: 346.

Distribution: North America (Alaska/ Alberta, British Columbia, New Brunswick, Newfoundland, Northwest Territories, Nova Scotia, Ontario, Quebec, Yukon in Canada/ Colorado, Maine, Montana, Oregon in USA).

Hosts: *Picea engelmannii*, *P. glauca*, *P. mariana*, *Pinus resinosa*, *P. strobus*, rare in other *Pinus* spp. References: **(cn)** Lindgren 1980a: 69; Ruppel 1967: 78; Swaine 1918a: 94, 98; Swaine & Craighead 1924: 1–27. **(cc)** Werner & Holsten 1984. **(hb)** Chamberlin 1939: 358; Lindgren 1980a: 69; Schwerdtfeger 1957c: 496; Swaine 1918a: 94, 98. **(ds)** Atkinson & Equihua 1985: 98; Beaulne 1956; Bright 1971a: 127, 1976d: 183, 1981d: 129; Chamberlin 1925, 1939: 358; Elias 1982b, 1982d; Kleine 1934a: 160; Leng 1920: 341; Miller, R. F. & Morgan 1982; Morgan, A. V. & Morgan 1980: 1110; Patterson & Hatch 1945: 153; Ruppel 1967: 78; Schwert et al. 1985; Swaine 1919b: 8; Werner & Holsten 1984; Wood, S. L. 1972a: 426, 1982b: 1052. **(tx)** Blackman 1928b: 30, 35; Bright 1967b: 678, 1977: 516, 1981d: 129, 346; Chamberlin 1939: 358; de Ruelle 1970: 110; Swaine 1917: 25–26, 1918a: 94, 98, 1919b: 8, 1925b: 192; Titus, Meikle, & Harrison 1985: 105; Wood, S. L. 1972a: 426, 1982b: 1052.

borcalis Swaine 1925b: 195. Holotype ♀; Copper-

mine River, Arctic Canada; CNCI, Ottawa. Synonymy: Bright 1977: 516.

References: **(cn)** Evans, D. 1982; Lindgren 1980a: 68. **(hb)** Chamberlin 1939: 358; Evans, D. 1982; Lindgren 1980a: 68. **(ds)** Bright 1976d: 181; Chamberlin 1939: 358; Evans, D., Lowe, & Hunt 1978; Fall 1926: 208; Kleine 1934a: 158; Leng & Mutchler 1933: 52; Wood, S. L. 1957c: 401. **(tx)** Blackman 1928b: 30, 35; Bright 1967b: 678, 1977: 516; Chamberlin 1939: 358; Evans, D. 1982; Fall 1926: 208; de Ruelle 1970: 108; Swaine 1925b: 195–196; Wood, S. L. 1957c: 401.

anceps Blackman 1928b: 31. Holotype ♀; Clyde, Colorado [USA]; USNM, Washington. Synonymy: Bright 1977: 516.

References: **(hb)** Chamberlin 1939: 357. **(ds)** Chamberlin 1939: 357; Keen 1929a: 32; Kleine 1934a: 158; Leng & Mutchler 1933: 10, 52. **(tx)** Blackman 1928b: 29–32; Bright 1977: 516; Chamberlin 1939: 357; Keen 1929a: 32; de Ruelle 1970: 107; Wood, S. L. 1964: 59.

varians Schedl 1930: 196. Holotype ♀; Truro, Nova Scotia [Canada]; CNCI, Ottawa. Synonymy: Wood 1957c: 401.

References: **(hb)** Chamberlin 1939: 369. **(ds)** Beaulne 1956; Chamberlin 1939: 369; Leng & Mutchler 1933: 52. **(tx)** Bright 1977: 516; Chamberlin 1939: 369; de Ruelle 1970: 112; Schedl 1930: 196, 1931b: 163, 1979c: 264; Wood, S. L. 1957c: 401.

aquilinus Bright 1968c: 604. Holotype ♀; Rampart House, Yukon Territory [Canada]; CNCI, Ottawa. Synonymy: Bright 1977: 516.

References: **(ds)** Bright 1976d: 180. **(tx)** Bright 1968c: 604, 1977: 516; de Ruelle 1970: 108.

nocturnus Schedl 1938a: 185. Lectotype ♂; San Geromimo, Verapaz, Guatemala; BMNH, London, designated by Bright 1976b: 186.

Figures: Blackman 1942a: fig. 45, Bright 1981d: 357.

Distribution: North America (Guatemala/ Honduras/ Chiapas, Hidalgo, Veracruz in Mexico).

Hosts: *Pinus lawsonii*, *P. oocarpa*, *P. pseudostrobus*, *P. strobus* var. *chiapensis*, *P. tenuifolia*.

References: **(cn)** Schwerdtfeger 1956b: 48. **(hb)** Atkinson et al. 1986: 39; Schwerdtfeger 1956b: 48, 1957c: 499. **(ds)** Atkinson & Equihua 1985: 98; Atkinson et al. 1986: 39; Blackwelder 1947: 782; Bright 1981d: 192, 1986: 684; Wood, S. L. 1982b: 1087. **(tx)** Bright 1976b: 186, 1977: 517, 1979c: 171, 1981d: 192, 357; Schedl 1938a: 185–186, 1955g: 23, 1979c: 171; Wood, S. L. 1982b: 1087.

hidalgoensis Blackman 1942a: 215. Holotype ♀; Jacala, Hidalgo, Mexico; USNM, Washington. Synonymy: Bright 1977: 516.

References: **(ds)** Blackwelder 1947: 782. **(tx)** Blackman 1942a: 215; Bright 1977: 516–517.

- novateutonicus** Schedl 1964b: 205. Holotype ♂; Nova Teutonia, S. Catarina, Brasilien; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1964b: 205, 1979c: 172.
- novellus** Blackman 1928b: 96. Holotype ♀; Tehachapi, California [USA]; USNM, Washington.
Distribution: North America (California in USA).
Hosts: *Pinus sabiniana*.
Notes: (3) Bright 1981d: 328 (the holotype is callow, shriveled, and in poor condition; it may be of *infulatus*). Wood 1982b: 1091 (the allotype and female paratype are of *tuberculatus*; type data of this species and of *infulatus* and its synonyms suggest that *novellus* is synonymous with *infulatus*).
References: (hb) Chamberlin 1939: 385. (ds) Chamberlin 1939: 385; Keen 1929a: 33; Kleine 1934a: 160; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1091. (tx) Blackman 1928b: 96; Bright 1971b: 68, 1981d: 328; Chamberlin 1939: 385; Keen 1929a: 33; Wood, S. L. 1982b: 1091.
- nugalis** Wood 1976a: 356. Holotype ♀; Volcan Pacaya, Esquintla, Guatemala, 1300 m; Wood Collection.
Distribution: North America (Guatemala).
Hosts: Liana.
References: (ds) Bright 1981d: 43; Wood, S. L. 1982b: 1138. (tx) Bright 1981d: 43; Wood, S. L. 1976a: 356, 1982b: 1138.
- obtusipennis** Blandford 1904: 240. Lectotype ♂; Balheu, Verapaz, Guatemala; BMNH, London, designated by Bright 1976b: 184.
Figures: Bright 1981d: 336.
Distribution: North America (Guatemala/ Chiapas, Hidalgo, Mexico, Michoacan in Mexico).
Hosts: *Pinus lawsonii*, *P. leiophylla*, *P. strobus* var. *chiapensis*, *P. sp.*
References: (hb) Atkinson et al. 1986: 39; Burgos & Saucedo 1983: 123. (ds) Atkinson & Equihua 1985: 98; Atkinson et al. 1986: 39; Blackwelder 1947: 782; Bright 1981c: 51; Burgos & Saucedo 1983: 123; Hagedorn 1910d: 73; Kleine 1913b: 140, 1914b: 363; Wood, S. L. 1982b: 1128. (tx) Blandford 1904: 240; Bright 1976b: 184, 1981d: 51, 336; Hagedorn 1910a: 101; Schedl 1955g: 18; Wood, S. L. 1982b: 1128.
- obtusus** Schauffuss 1891: 17. Syntypes ♂ ♀; Madagascar; Hamburg Museum, lost, 1 syntype in Eggers Collection, in NHMW, Wien.
Distribution: Madagascar
Notes: (1) Schedl 1979c: 176 (citation of holotype invalid).
References: (ds) Alluand 1900: 441; Anonymous 1892: 165; Fairmaire 1892b; Hagedorn 1910d: 73; Kleine 1913b: 140, 1914b: 326. (tx) Fairmaire 1892b; Hagedorn 1910a: 101, 1913b: 255; Schauffuss 1891: 17; Schedl 1935a: 183, 1965c: 67, 1977b: 113, 1979c: 176.
- occidentalis** Blackman 1920b: 4. Lectotype ♂; Pitkin, Colorado [USA]; USNM, Washington, designated by Bright 1976b: 183.
Distribution: North America (Colorado, New Mexico, Utah, S Wyoming in USA).
Hosts: *Picea engelmannii*, *P. pungens*, apparently accidental in *Pinus contorta*, *P. flexilis*.
Notes: (3) Blackman 1928b: 110 (redescribed).
References: (hb) Chamberlin 1939: 389. (ds) Bright 1976d: 183, 1981d: 171; Chamberlin 1925, 1939: 389; Keen 1929a: 33; Kleine 1934a: 160; Leng & Mutchler 1927: 52; Snow 1907: 188; Wickham 1898: 312; Wood, S. L. 1972a: 426, 1982b: 1095. (tx) Blackman 1920b: 4-5, 1928b: 91, 110; Bright 1976b: 183, 1981d: 171; Chamberlin 1939: 389; Keen 1929a: 33; McNamara 1984: 757; Wood, S. L. 1972a: 426, 1982b: 1095.
- occlusus** Bright 1976c: 437. Holotype ♀; Yuscaran, Paraiso, Honduras; Wood Collection.
Figures: Bright 1981d: 336.
Distribution: North America (Honduras/ Nayarit, Oaxaca in Mexico).
Hosts: *Pinus caribaea*, *P. oocarpa*.
References: (ds) Atkinson & Equihua 1985c: 359; Bright 1981d: 53; Wood, S. L. 1982b: 1128. (tx) Bright 1976c: 437, 1981d: 53, 336; McNamara 1984: 757; Wood, S. L. 1982b: 1128.
- olivierai** Schedl 1972g: 68. Holotype, sex?; Brasilien, Pedra Azul, Minas Gerais; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1972g: 68, 1979c: 178.
- opaculus** LeConte 1878b: 623. Holotype ♀; Marquette, Michigan [USA]; MCZ, Cambridge.
Figures: Bright 1981d: 360.
Distribution: North America (Alaska/ all provinces in Canada/ Arizona, California, Colorado, Idaho, Maine, Michigan, Minnesota, Nevada, New Hampshire, New Mexico, New York, Pennsylvania, South Dakota, Utah, West Virginia, Wyoming in USA).
Hosts: *Abies balsamea*, *A. concolor*, *A. lasiocarpa*, *Larix varicina*, *Picea engelmannii*, *P. glauca*, *P. pungens*, *Pinus sylvestris*, *Pseudotsuga menziesii*.
References: (bv) Hosking & Knight 1975. (cn) Blackman 1950; Chamberlin 1924; Doane et al. 1936; James & Linman 1979; Schuder 1969: 80; Stevens, Lister, & Linnane 1979; Swaine 1918a: 95, 99; Swaine & Craighead 1924: 1-27. (cc) Werner & Holsten 1984. (hb) Baker, W. L. 1972: 255; Blackman 1950; Chamberlin 1939: 366; Deyrup & Atkinson 1987a: 66; Doane et al. 1936; Swaine 1918a: 95, 99. (ds) Anonymous 1926c: 519; Ashworth 1977; Blackman 1950; Blatchley & Leng 1916: 633; Bright 1976d: 187, 1981d: 218; Chamberlin 1925, 1939: 366; Deyrup 1981: 8; Deyrup & Atkinson 1987a: 66; Drooz 1985: 363; Elias 1982b, 1982c, 1982d; Hagedorn 1910d: 73; Henshaw 1882: 268, 1885: 147; Hubbard &

- Schwarz 1875a: 665, 1875b: 623; Kleine 1913b: 140, 1934a: 160; Leng 1920: 341; Leonard 1925: 519; Miller, R. F. & Morgan 1952; Morgan, A. V. & Morgan 1950: 1110; Selander 1969: 80; Swaine 1909: 136; Werner & Holsten 1954; Wood, S. L. 1957c: 401, 1952b: 1037. **(tx)** Blackman 1922b, 1925b: 44, 52; Blatchley & Leng 1916: 633; Bright 1977: 517, 1981d: 215, 360; Chamberlin 1939: 366; Hagedorn 1910a: 101; LeConte 1875b: 623; Schedl 1931b: 165; Swaine 1909: 136, 1915a: 95, 99; Wood, S. L. 1957c: 401, 1952b: 1037.
- abietis* Blackman 1925b: 49. Holotype ♀; Silver Lake, Utah [USA]; USNM, Washington. Synonymy: Bright 1977: 517.
References: **(hb)** Bright & Stark 1973: 107; Chamberlin 1939: 365. **(ds)** Bright & Stark 1973: 107; Chamberlin 1939: 365; Keen 1929a: 32; Leng & Mutchler 1933: 52. **(tx)** Blackman 1925b: 49–50; Bright 1977: 517; Chamberlin 1939: 365; Keen 1929a: 32; Michalski 1969b: 569; de Ruelle 1970: 107.
- albertensis* Blackman 1925b: 50. Holotype ♀; Banff Sp. [Banff Springs], Alberta, Canada; USNM, Washington. Synonymy: Bright 1977: 517.
References: **(cn)** Lindgren 1950a: 67. **(hb)** Chamberlin 1939: 365, 1955: 149; Lindgren 1950a: 67. **(ds)** Bright 1976d: 180; Chamberlin 1939: 365, 1955: 149; Leng & Mutchler 1933: 52; Smith, G. S. 1930; Wood, S. L. 1972a: 425. **(tx)** Blackman 1925b: 44, 50–51; Bright 1977: 517; Chamberlin 1939: 365, 1955: 149; de Ruelle 1970: 107; Wood, S. L. 1972a: 425.
- exiguus* Blackman 1925b: 51. Holotype ♀; Ft. Garland, Colorado [USA]; USNM, Washington. Synonymy: Bright 1977: 517.
References: **(hb)** Chamberlin 1939: 366. **(ds)** Chamberlin 1939: 366; Keen 1929a: 32; Kleine 1934a: 159; Leng & Mutchler 1933: 52. **(tx)** Blackman 1925b: 51; Bright 1966b: 298, 1977: 517; Chamberlin 1939: 366; Keen 1929a: 32; de Ruelle 1970: 109.
- pygmaeus* Schedl 1931b: 165. Holotype ♀; Ste. Anne's, Quebec [Canada]; CNCI, Ottawa. Synonymy: Wood 1957c: 401.
References: **(hb)** Chamberlin 1939: 366. **(ds)** Beaulne 1956; Chamberlin 1939: 366; Leng & Mutchler 1933: 95. **(tx)** Bright 1977: 517; Chamberlin 1939: 366; de Ruelle 1970: 111; Schedl 1931b: 165–166; Wood, S. L. 1957c: 401.
- orarius* Bright 1968c: 607. Holotype ♀; Colwood, Esquimalt District, British Columbia [Canada]; CNCI, Ottawa.
Figures: Ruth 1980: 15.
Distribution: North America (British Columbia in Canada).
Hosts: *Pseudotsuga menziesii*.
- References: **(cn)** Hedlin 1974: 53; Meso 1979: 247; Ruth 1980: 15. **(hb)** Bright 1981d: 255; Hedlin 1974: 53; Hedlin & Ruth 1970: 105–108; Meso 1979: 247; Ruth 1980: 15. **(ds)** Bright 1976d: 184, 1981d: 255; Furniss, R. L. & Carolin 1977: 402; Hedlin & Ruth 1970; Wood, S. L. 1952b: 1061. **(tx)** Bright 1968c: 607–608; 1981d: 255; de Ruelle 1970: 110; Ruth 1980: 15; Wood, S. L. 1952b: 1061.
- ornatus* Blackman 1925b: 102. Holotype ♀; Manitou, Colorado [USA]; USNM, Washington.
Distribution: North America (Colorado, Utah, Wyoming in USA).
Hosts: *Picea pungens*, rare or accidental in *Pinus* spp.
Notes: (3) Bright 1981d: 147 (treated as a synonym of *intexus*).
References: **(hb)** Chamberlin 1939: 357. **(ds)** Chamberlin 1939: 357; Keen 1929a: 33; Kleine 1934a: 161; Leng & Mutchler 1933: 52; Wood, S. L. 1952b: 1090. **(tx)** Blackman 1925b: 102; Chamberlin 1939: 357; Keen 1929a: 33; McNamara 1954: 757; Wood, S. L. 1977d: 516, 1952b: 1090.
- kenti* Blackman 1925b: 141. Holotype ♀; Black Hills, Wyoming [USA]; USNM, Washington. Synonymy: Wood 1977b: 210.
References: **(hb)** Chamberlin 1939: 401. **(ds)** Chamberlin 1939: 401; Keen 1929a: 34; Kleine 1934a: 160; Leng & Mutchler 1933: 52. **(tx)** Blackman 1925b: 141; Bright 1977: 515; Chamberlin 1939: 401; Keen 1929a: 34; McNamara 1954: 756; Wood, S. L. 1977b: 210.
- limatus* Wood 1964: 65. Holotype ♀; Sanford Canyon, Dixie National Forest, Utah [USA]; Wood Collection. Synonymy: Wood 1977d: 516.
References: **(tx)** McNamara 1977: 198; Wood, S. L. 1964: 65, 1977d: 516.
- ostriacoleus* Bright 1986b: 681. Holotype ♀; Mexico: Cuernavaca, Morelos; CNCI, Ottawa.
Distribution: North America (Morelos in Mexico).
Hosts: *Ostrya virginiana*.
References: **(tx)** Bright 1986b: 681.
- pampasae* Schedl 1970e: 92. Holotype, sex?; Pampas (wohl Argentinien); Schedl Collection in NHMW, Wien.
Distribution: South America (Argentina).
References: **(tx)** Schedl 1970e: 92, 1979c: 183.
- parfentievi* Pjatsnitskii 1931: 169. Syntypes, sex?; Kirgisien, USSR; Pjatsnitskii Collection.
Distribution: Europe (W USSR).
Hosts: *Picea schrenkiana*.
References: **(hb)** Stark 1952: 345. **(ds)** Kadyrov 1989; Kleine 1934a: 161; Marikovskii 1956: 73; Parfentev 1951: 429–430; Pfeffer 1976: 340; Stark 1952: 345. **(tx)** Pfeffer 1940b: 108, 111, 117, 1976: 340; Pjatsnitskii 1931: 169–171; Schedl 1934f: 1643, 1979c: 185; Sokanovskii 1954: 19; Stark 1952: 345.
- parilis* Wood 1976a: 359. Holotype ♀; Buenos Aires, Cortez, Honduras, 2300 m; Wood Collection.

- Distribution: North America (Honduras).
Hosts: *Quercus* sp. branch.
References: (ds) Bright 1981d: 103; Wood, S. L. 1982b: 1082. (tx) Bright 1981d: 103; Wood, S. L. 1976a: 359, 1982b: 1082.
- paulus Wood** 1964: 63. Holotype ♀; 40 km NE Jacala, Hidalgo, Mexico; Wood Collection.
Distribution: North America (Chiapas, Chimalhua, Hidalgo, Michoacan, San Luis Potosi, Tlaxcala, Veracruz in Mexico).
Hosts: *Senecio* sp.
Notes: (3) The host recorded as *Baccharis* sp. was actually *Senecio* (SIAM).
References: (hb) Atkinson & Equihua 1985a: 91, 1985c: 359; Atkinson et al. 1986: 40, 72; Burgos & Saucedo 1983: 124. (ds) Atkinson & Equihua 1985a: 91, 1985c: 359; Atkinson et al. 1986: 40, 72; Bright 1981d: 63; Burgos & Saucedo 1983: 124; Wood, S. L. 1982b: 1130. (tx) Bright 1981d: 63; McNamara 1977: 198; Wood, S. L. 1964: 63, 1982b: 1130.
- pellitus Schedl** 1955g: 23. Lectotype ♀; Quezaltenango, Guatemala; Schedl Collection in NHMW, Wien, designated by Bright 1976b: 186. Figures: Bright 1981d: 360.
Distribution: North America (Guatemala/ Chiapas, Hidalgo, Oaxaca, Puebla, Queretaro in Mexico).
Hosts: *Pinus greggii*, *P. lawsonii*, *P. michoacana*, *P. montezumae*, *P. oocarpa*, *P. pseudostrobus*, *P. rudis*, *P. tenuifolia*, *P.* spp.
References: (hb) Bright 1981d: 216; Schwerdtfeger 1957c: 500. (ds) Bright 1981d: 216; Wood, S. L. 1982b: 1138. (tx) Bright 1976b: 186, 1981d: 216, 360; Schedl 1955g: 18, 23, 1979c: 187; Wood, S. L. 1982b: 1038.
- pentaclethrae Schedl** 1957d: 62. Holotype ♂²; Congo Belge; Luki, Mayumbe; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: *Pentaclethra macrophylla*.
References: (ec) Schedl 1958d: 188, 1962j: 18. (hb) Schedl 1962j: 18. (ds) Schedl 1962j: 18. (tx) Schedl 1957d: 62, 1962j: 18, 1979c: 187–188.
- peregrinus Eichhoff** 1878b: 193. Holotype, sex²; America meridionalis (Brasilia); Hamburg Museum, lost.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 782; Gonçalves 1935: 414–420; Hagedorn 1910d: 73; Kleine 1913b: 140, 1914b: 336. (tx) Eichhoff 1878a: 389, 1878b: 193; Hagedorn 1910a: 101.
- perexiguus Wood** 1976a: 355. Holotype ♀; Dominical, Puntarenas, Costa Rica, 3 m; Wood Collection.
Distribution: North America (Costa Rica/ Panama).
Hosts: Tree limb.
References: (ds) Bright 1981d: 67; Wood, S. L. 1982b: 1138. (tx) Bright 1981d: 67; McNamara 1984: 757; Wood, S. L. 1976a: 355, 1982b: 1138.
- perotei Blackman** 1942a: 218. Holotype ♀; Perote, Veracruz, Mexico; USNM, Washington.
Distribution: North America (Mexico, Morelos, Puebla, Veracruz in Mexico).
Hosts: *Pinus leiophylla*, *P. teocote*.
References: (hb) Atkinson et al. 1986: 40; Burgos & Saucedo 1983: 121. (ds) Atkinson & Equihua 1985a: 97; Atkinson et al. 1986: 40; Blackwelder 1947: 782; Bright 1981c: 252; Burgos & Saucedo 1983: 121; Thomas, J. B. 1966; Wood, S. L. 1982b: 1098. (tx) Blackman 1942a: 218; Bright 1981d: 252; McNamara 1984: 757; Wood, S. L. 1982b: 1098.
- philippinensis Schedl** 1936h: 59. Holotype ♀; Luzon, Manila; Schedl Collection in NHMW, Wien.
Distribution: Philippine Islands (Luzon).
References: (ds) Schedl 1966b: 41. (tx) Schedl 1936h: 59, 1938a: 183, 1979c: 192.
- pinarorus Bright** 1985c: 182. Holotype ♀; Florida: Highlands Co., Lake Placid, 3 miles [5 km] E Archbold Biological Station [USA]; CNCI, Ottawa.
Distribution: Antilles Islands (Dominican Republic in Hispanola), North America (Florida in USA).
Hosts: *Pinus elliottii*, *P. occidentalis*.
References: (ec) Haack et al. 1989. (bv) Haack et al. 1989. (hb) Haack et al. 1989. (ds) Bright 1985c: 176. (tx) Bright 1985c: 176, 182.
- pinguis (Blackman)** 1928b: 20 (*Myeloborus*). Holotype ♀; Longmont, Colorado [USA]; USNM, Washington.
Distribution: North America (Arizona, Colorado, Nevada, New Mexico, Utah, Wyoming in USA).
Hosts: *Pinus flexilis*, *P. strobiformis*.
Notes: (1) Blackman 1928: 20 (*pinquis*, lapsus calami; name correctly spelled on p. 17, 149, 153, and fig. 60 as *pinguis*).
References: (hb) Chamberlin 1939: 340. (ds) Chamberlin 1939: 340; Keen 1929a: 31; Kleine 1934a: 163; Long & Mutchler 1933: 53; Wood, S. L. 1972a: 424. (tx) Blackman 1928b: 20; Bright 1976c: 427, 1981d: 210; Chamberlin 1939: 340; Keen 1929a: 31; de Ruelle 1970: 104; Wood, S. L. 1951a: 128, 1972a: 424.
- pini Kurenzov** 1941a: 176. Lectotype, sex²; Ternei region, Suputinia River, Ussuri, USSR; Kurenzov Collection in ISBN, Novosibirsk, designated by Michalski 1969a: 895.
Figures: Yin, Huang, & Li 1984: 120 (elytral declivity).
Distribution: Asia (China/ E USSR).
Hosts: *Picea koraiensis*, *P. obovata*, *Pinus koraiensis*.
References: (hb) Krivolutskaya 1956: 838, 1960: 78; Kurenzov 1948b: 108, 1950d: 228; Stark 1952: 357. (ds) Krivolutskaya 1956: 838, 1960: 78, 1983; Pfeiffer 1976: 340; Stark 1952: 357; Zimovjev 1955: 187, 190. (tx) Krivolutskaya 1956: 836, 838; Kurenzov 1941a: 176, 233, 1948b: 108; Michalski

1969a: 595, 1969b: 569; Pfeffer 1976: 340; Stark 1952: 357; Yin, Huang, & Li 1984: 120.

pinsapo Pfeffer 1952b: 154. Holotype, sex?: Spain; apparently in Prague Museum.
Distribution: Europe (Spain).

Hosts: *Abies pinsapo*.

References: (tx) Pfeffer 1952b: 154–157.

pityographus (Ratzeburg) 1837: 162 (*Bostrichus*).
Syntypes, sex?: Europe; not located.

Figures: Grune 1979: 114, Joly 1976b: fig. 143, Pfeffer 1989a: pl. 9, Tsai & Li 1959: 94.

Distribution: Asia (Turkey), Europe (Austria/ Belgium/ Bulgaria/ Czechoslovakia/ Denmark/ France/ Germany/ Greece/ Hungary/ Italy/ Poland/ Romania/ Crimea, Ukraine in W USSR/ Yugoslavia).

Hosts: *Picea excelsa*, *P. omorica*, *P. orientalis*, *Abies alba*, *A. borisi*, *A. bornmuelleriana*, *A. cephalonica*, *A. pectinata*, *Pinus heldreichii*, *P. peuce*.

References: (ay) Chararas 1977b, (bv) Chararas 1966b, 1977b; Francke et al. 1987; Grune 1979: 115; Hellrigl 1985; Jacobson 1972; Krol & Zabecki 1976; Mori & Pnapoomchareon 1987; Prell 1930c: 631; Tragardh 1930b: 102; Zurr & Landa 1985, (cn) Capecki 1982; Capek et al. 1957; Chararas 1961b: 70, 1961c: 93, 1978; Chorbadzhievo 1929; Gradojevic 1933; Grandi 1951; Hess 1907: 245; Hrubick 1973; Joly 1976; Kailidis & Georgevits 1972; Komarek 1931: 1–256; Konig, E. 1971; Krol 1980a; Krol & Zabecki 1976; Lozova 1930: 1–15; Lozovoi & Tropin 1965, 1967; Martinek 1953a: 373; Nosek 1951: 106, 1952b: 98, 1959b: 73; Oppermann 1965; Pfeffer 1947c: 204, 1949b: 147, 1950c: 3; Schimitschek 1937c: 55, 1952c: 59; Szujeci 1956: 241–242; Vite 1984b; Wichmann 1927b: 353; Zurr & Landa 1985, (ce) Balazy 1962, 1968; Balazy & Michalski 19641, 1964b; Balazy et al. 1977; Capecki 1982; Chararas 1959d; Cadek 1976; Hellrigl 1985; Heuer & Vite 1984b; Hirschmann & Wisniewski 1982, 1983; Karpinski 1932a: 95, 99, 101; Kielczewski 1976; Kielczewski & Balazy 1966; Kielczewski, Bohdan, & Balazy 1967: 161–163; Kielczewski, Moser, & Wisniewski 1983; Kielczewski & Wisniewski 1978, 1983; Krol 1980a; Krol & Zabecki 1976; Kudela 1981; Lozovoi & Tropin 1965, 1967; Masutti 1959: 268, 299; Michalski & Ratajczak 1989; Nosek 1951: 106, 1952b: 98, 1959b: 87; Numberg 1930: 201; Numberg & Wiackowski 1958: 130; Pfeffer 1932a: 5, 1943b: 152, 1947c: 204, 1949b: 147, 1950c: 3, 1955b: 54, 1957a: 198, 1959: 5, 1960: 346; Ratzeburg 1869a: 79; Rondani 1873: 140; Schimitschek 1941a: 312; Zurr 1985b, (hb) Balachowsky 1963a: 1254; Balazy 1968; Budge 1949; Chararas 1961b: 70, 1961c: 93, 1962c: 363, 1977b; Chorbadzhievo 1929; Grandi 1951; Henschel 1876a: 99, 240; Hess 1907: 245; Joly 1976; Karpinski & Strawinski 1948: 156; Konig, E. 1971; Kudela 1981; Lozovoi & Tropin 1965, 1967; Masutti 1959: 268,

299, 1964; Michalski 1959a: 291; Nordlinger 1856: 27; Nosek 1959b: 87; Numberg 1929a: 111, 1929c: 121, 1947c: 106; Pfeffer 1941b: 1, 1941c: 5, 1959a: 63; Postner 1974: 434; Prell 1930c: 631; Ratzeburg 1837: 136, 1839: 166; Schwerdtfeger 1981: 192; Simmel 1928: 154; Spessivtsev 1923: 205; Stark 1952: 344; Szujeci 1955: 241; Tragardh 1930b: 102; Tschorbadjiev 1929: 169; Wichmann 1927b: 353, (ds) Andersch 1851; Arnoldi et al. 1955: 713; Arru, Covassi, & de Bellis 1966: 32; Benz 1985; Bielz 1851; Borchert 1951; Brakman 1966b: 206; Buresh & Lazarov 1956; Capek et al. 1957; Chapuis & Candeze 1853; Chararas 1962c: 363; Chorbadzhievo 1929; Endrodi 1958b; Escherich 1932b; Forster 1849: 439; Gumbil 1849: 126; Gozis 1875: 80; Gradojevic 1933: 789–790; Gredler 1868: 374; Grune 1979: 115; Hansen, V. 1956; Horion 1951; Jacentkovsky 1939: 76; Jannicky 1960a; Joly 1976; Kailidis & Georgevits 1972; Kaltenbach 1874: 685; Karpinski 1931: 19, 1932a: 95, 99, 101, 1933a: 290, 1948b: 231; Karpinski & Strawinski 1948: 156; Kiefer et al. 1942: 528; Kraatz 1869: 59; Kudela 1946a: 339; Leclercq 1971; Lindemann 1854b: 264; Lucht 1987: 278; Mequignon 1936: 54; Michalski 1957: 165; Negrin 1966b: 403; Numberg 1928b: 88, 111, 1938: 126, 1954: 70; Perris 1876a: 255, 1877a: 255; Pfeffer 1931b: 74, 1935: 158, 1947d: 129, 1947e: 2, 1950b: 73, 1960: 346, 1976: 339, 1989a: 63; Pittioni 1943: 175; Pjatnitskii 1930a: 165, 1931: 171–173; Postner 1974: 434; Ratzeburg 1837: 136, 1839: 166; Redtenbacher 1858: 830; Ronbal 1935b: 72, 1936b: 193, 1941: 269; Sainte-Claire & Mequignon 1938: 448; Schaum 1859: 95, 1862: 101; Schedl 1959h: 100, 1961b: 184, 1967c: 71, 1980a: 23, 1981b: 77; Schilsky 1909: 188; Schwerdtfeger 1981: 192; Seidl 1876: 4; Stark 1952: 344; Stein 1868: 114; Stein & Weise 1877: 164; Stolina 1969: 610–627; Strand 1964: 243; Sturm 1843: 230; Szujeci 1955: 241; Tschorbadjiev 1929: 159; Wachtl 1870: 259; West 1938: 184; Wichmann 1927a: 73–74; Zivojinovic 1960: 25, (tx) Bach 1854; Balachowsky 1949a: 235; Chapuis & Candeze 1853; Eggers 1940g: 36; Endrodi 1957a: 307, 1957b: Grune 1979: 114–115; Hansen, V. 1956; Hellrigl 1985; Henschel 1876a: 99, 240; Joly 1976, 1976b: fig. 143; Karpinski 1949: 129; Karpinski & Strawinski 1948: 156; Letzner 1891: 376; Lucht 1987: 278; Negrin 1966b: 403; Nordlinger 1848: 242, 1856: 27; Numberg 1929c: 121, 1930, 1938: 126, 1954: 70; Perris 1877a: 255; Pfeffer 1930: 111, 116, 1932b: 22, 1940b: 107, 114, 116, 1941b: 1, 1941c: 5, 1947e: 2, 1976: 339, 1989a: pl. 9; Pjatnitskii 1931: 171; Postner 1974: 434; Ratzeburg 1837: 136, 162, 1839: 166; Redtenbacher 1849: 26, 851, 1858: 830; Schedl 1934f: 1643, 1952f: 87, 1958k: 144, 1959h: 100, 1980a: 23, 1981b: 77; Schimitschek 1937c: 55; Schmidt, G. 1980: 17; Spessivtsev 1923: 205–206, 1926b: 50, 1929a: 678–682,

- 1929c: 297; Stark 1952: 344; Trappen 1935; Tsai & Li 1959: 94. (**ms**) Chararas 1959d; Escherich 1932b; Michalski 1959a: 291; Mori & Puapoomchareon 1957.
- pityographus cribratus* Pfeffer 1940: 110. Holotype, sex?; Mt. Chelmon, Greece; Pfeffer Collection in Prague Museum.
- Notes: (3) Pfeffer 1976: 335 (cited as a subspecies).
- References: (**ds**) Pfeffer 1976: 340, 1989a: 64. (**tx**) Pfeffer 1940: 107, 110, 1976: 340.
- pityographus bibractensis* Balachowsky 1949a: 236. Holotype ♂; Forêt de St.-Prix (Morvan), France, 800 m; MNHN, Paris. Synonymy: Schedl 1958k: 144.
- References: (**ds**) Larroche & Torossian 1971. (**tx**) Balachowsky 1949a: 236; Schedl 1958k: 144.
- pityographus maritimus* Stark 1952: 344. Holotype, sex?; Caucasus; IZL, Leningrad.
- References: (**tx**) Michalski 1969b: 569; Stark 1952: 344.
- plaumami* (Schedl) 1970c: 102 (*Breviophthorus*). Holotype, sex?; Brasilien, Bocaiuva (Pa), 2505, 4904, 1000 m; Schedl Collection in NIMW, Wien. Distribution: South America (Brazil).
- References: (**tx**) Schedl 1970c: 102, 1979e: 196.
- pseudotsugae* Swaine 1915a: 99. Holotype ♀; BX Mountain, Vernon District, British Columbia [Canada]; CNCL, Ottawa.
- Figures: Bright 1981d: 350.
- Distribution: North America (British Columbia in Canada/ Arizona, California, Colorado, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming in USA).
- Hosts: *Abies concolor*, *A. grandis*, *A. lasiocarpa*, *A. magnifica*, *Picea engelmannii*, *Pinus lambertiana*, *Pseudotsuga menziesii*, *Tsuga heterophylla*.
- Notes: (3) Blackman 1928b: 106 (re-described).
- References: (**cn**) Anonymous 1963k, 1963y; Browne 1968b: 564; Chamberlin 1924; Doane et al. 1936; Hofacker et al. 1989; Ruppel 1967: 78; Schuder 1969: 77; Stark & Borden 1965: 1162–1163; Struble 1937d: 11, 1957: 14; Swaine 1915a: 96, 99. (**ec**) Ashraf & Berryman 1969: 19; Berryman 1968a: 66; Bushing & Bright 1965: 203; Dewey & Clinton 1980; Deyrup & Gara 1975: 275; Struble 1957: 14. (**hb**) Bright & Stark 1973: 114; Browne 1968b: 564; Chamberlin 1939: 357, 1958: 154; Doane et al. 1936; Furniss 1968: 1354–1359; Struble 1937d: 11, 1957: 14; Swaine 1915a: 96, 99. (**ds**) Anonymous 1963k, 1963y; Bedard 1938a; Bright 1976d: 154, 1981d: 162; Bright & Stark 1973: 114; Browne 1968b: 564; Chamberlin 1925, 1939: 357, 1958: 154; Downing 1963: 5; Evans, D. 1953: 35; Furniss, R. L. & Carolin 1977: 402; Gast et al. 1989: 355; Hopping 1922; Keen 1929a: 33; Kleine 1934a: 161; Leng 1920: 341; McComb et al. 1953: 2; Patterson & Hatch 1945: 153; Ruppel 1967: 78; Schuder 1969: 77; Thatcher 1935: 261; Wood, S. L. 1948: 53, 1951a: 128, 1972a: 426, 1982b: 1093. (**tx**) Blackman 1928b: 91, 106–107; Bright 1967b: 675, 1981d: 162, 350; Chamberlin 1939: 357, 1958: 154; Evans, D. 1953: 35; Hoebeke 1975; Keen 1929a: 33, 1938: 32; de Ruelle 1970: 110; Swaine 1915a: 96, 99; Wood, S. L. 1951a: 128, 1972a: 426, 1977d: 516, 1982b: 1093.
- thatcheri* Bright 1976c: 442. Holotype ♀; Big Sandy Meadow, S2S, T5S, R2E, California [USA]; Wood Collection. Synonymy: Wood 1977d: 516.
- References: (**tx**) Bright 1976c: 442; McNamara 1984: 758; Wood, S. L. 1977d: 516.
- puberulus* (LeConte) 1868: 157 (*Cryphalus*). Holotype, sex?; District of Columbia [USA]; MCZ, Cambridge.
- Figures: Bright 1981d: 366.
- Distribution: North America (New Brunswick, Nova Scotia, Ontario, Quebec in Canada/ District of Columbia, Indiana, Kansas, Kentucky, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, Virginia, West Virginia, Wisconsin in USA).
- Hosts: *Abies balsamea*, *Picea* spp., *Pinus banksiana*, *P. resinosa*, *P. strobus*, *P. sylvestris* twigs.
- Notes: (1) LeConte 1876: 354 (to *Pityophthorus*). (3) Blackman 1928b: 48 (re-described).
- References: (**ay**) Thomas, J. B. 1957: 4, 1967. (**by**) Kirkendall 1984: 241. (**cn**) Anonymous 1965b; Blackman 1950; Browne 1968b: 564; Chamberlin 1924; Doane et al. 1936; Felt 1906: 752; Hopkins 1899c: 443; Lanier, Abrahamson, & Schoeneck 1983; Lindquist, O. H. & Syme 1981: 88; Packard 1890: 718; Pettit 1925: 1–20; Schuder 1969: 80; Swaine 1915a: 95, 99; Syme & Nystrom 1988: 54. (**cc**) Bushing 1965: 464; Felt 1906: 752; Heqvist 1959: 181; Lanier, Abrahamson, & Schoeneck 1983; Reid 1957b: 7. (**hb**) Baker, W. L. 1972: 255; Blackman 1950; Browne 1968b: 564; Chamberlin 1939: 365; Chittenden 1890; Deyrup & Atkinson 1987a: 66; Deyrup & Kirkendall 1983; Doane et al. 1936; Felt 1906: 752; Hopkins 1899c: 443; Packard 1881: 170–175, 1890: 718, 812; Pierce, W. D. 1907: 291; Schwarz 1885a: 50; Swaine 1915a: 95, 99. (**ds**) Anonymous 1926c: 519, 1965b; Baker, W. L. 1972: 255; Blackman 1919b: 140–142, 1950; Blatchley & Leng 1916: 629; Bright 1971a: 127, 1976d: 157, 1981d: 264; Britton 1920a; Browne 1968b: 564; Chamberlin 1925, 1939: 365; Chittenden 1890; Deyrup 1981b: 8; Deyrup & Atkinson 1987a: 66; Dodge 1938; Drooz 1985: 364; Gemminger & Harold 1892: 2688; Hagedorn 1910d: 73; Hamilton 1895a: 378; Hatch 1924; Henshaw 1882: 265, 1885: 147; Hopkins 1893a: 131, 1893b: 209; Hurlbard & Schwarz 1878a: 665; Kleine 1913b: 140, 1914b: 391, 1934a:

161; Knull 1932: 1196–1203, 1934: 212; Leng 1920: 341; Leonard 1925: 519; Lindquist, O. H. & Syme 1951: 55; Morgan, A. V. & Morgan 1979: Schluder 1969: 50; Schwarz 1855a: 50, 1891: 65; Smith, J. B. 1890: 267, 1900: 362, 1910: 401; Swaine 1909: 137; Syme & Nystrom 1955: 54; Ulke 1902: 56; Wood, S. L. 1952b: 1034, (tx) Beal & Massey 1945: 136–137; Blackman 1919b: 140–142, 1922c, 1925b: 44, 45–49; Blatchley & Leng 1916: 629; Bright 1951d: 264, 366; Chamberlin 1939: 365; Dodge 1935: 15; Eichhoff 1875b: 202, 1896: 609–610; Hagedorn 1910a: 101; LeConte 1865: 157, 1876: 354, 1878: 665; Lindquist, O. H. & Syme 1951: 55; Pfeffer 1932b: 23; Swaine 1909: 137, 1915a: 95, 99; Syme & Nystrom 1955: 54; Thomas, J. B. 1957: 4, 1967; Titus, Meikle, & Harrison 1955: 105; Wood, S. L. 1952b: 1034.

infans Eichhoff 1872a: 135. Holotype, sex?, Amer. Bor. (Civitat. mit.); Hamburg Museum, lost, neotype, ♀; Syracuse, New York [USA], USNM, Washington, designated by Bright 1975: 72.

Notes: (3) Blackman 1925b: 49 (redescribed). References: (ds) Gemminger & Harold 1872: 2685; Leng 1920: 341, (tx) Blackman 1925b: 49; Bright 1975: 72; Eichhoff 1872a: 135, 1875b: 157, 1896: 609–610; LeConte 1876: 355; Swaine 1909: 137.

pubescens (Marshall) 1802: 58 (*Ips*). Syntypes, sex?, not given, presumably England; not located, presumably in BMNH, London.

Figures: Pfeffer 1959a: pl. 9.

Distribution: Africa (Algeria/ Egypt/ Libya/ Morocco/ Tunisia), Asia (Cyprus/ Israel), Europe (Austria/ Belgium/ Corsica/ Czechoslovakia/ Denmark/ England/ France/ Germany/ Greece/ Hungary/ Italy/ Netherlands/ Norway/ Sweden/ S Switzerland).

Hosts: *Abies cephalonica*, *Pinus halepensis*, *P. maritima*, *P. nigra*, *P. pinaster*, *P. pinca*, *P. radiata*, *P. sylvestris*, *P. uncinata*.

References: (ay) Feytaud 1950, (bv) Grune 1979: 117; Wichmann, H. E. 1967, (cn) Barbey 1925: 280; Browne 1965b: 565; Feytaud 1946, 1950a; Forbes 1910; Grandi 1951; Hanson 1937, 1940a; Joly 1976; Kailidis & Georgevits 1972, (cc) Elliot & Morley 1907; Halperin & Holzschuh 1954: 28; Heqvist 1963: 154; Kleine 1908c: 213, 1909a: 47, 75; Kraemer 1950b: 350; Nosek 1959a: 118; Pfeffer 1960: 346; Thompson, W. R. 1943: 91; Wichmann, H. E. 1967, (hb) Barbey 1925: 280; Browne 1965b: 565; Chararas 1962c: 363; Dallimore & Munro 1922; Feytaud 1946, 1950a; Gillanders 1908; Grandi 1951; Gyorf 1957; Halperin & Holzschuh 1954: 28; Joly 1976; Kemner 1919: 175; Kraemer 1950b: 350; Lengerken 1939: 65, 1954: 85; Masutti 1964; Munro 1926: 63; Nosek 1959a: 118; Pfeffer 1941b: 3; Postner 1974: 435; Spessivtsev 1913a: 89, 1921b: 221;

Stark 1952: 352; Zocchi 1959: 105, (ds) Andras & Schaefer 1957; Bangsholt 1975: 95; Beaulne 1956; Bejer-Petersen & Jorum 1977: 26; Blandford 1891c: Brakman 1966b: 206; Browne 1965b: 565; Butovitsch 1963; Chararas 1962c: 363; Chrystal 1937; Dallimore & Munro 1922: 189–193; Eggers 1915; Endrodi 1955a, 1955b; Escherich 1932b; Everts 1925; Fowler 1891; Georghion 1977: 75; Grune 1979: 117; Hagedorn 1910d: 75; Halperin & Holzschuh 1954: 28; Hanan 1919; Hansen, V. 1939, 1956, 1964: 464; Hellen 1947; Horion 1951; Jansson 1936: 220; Johnson & Halbert 1902: 519; Joly 1976; Kailidis & Georgevits 1972; Karpinski 1949: 125; Kemner 1919: 175; Klefbeck & Sjoberg 1960: 230; Kleine 1912a: 267, 1913a: 35, 1913b: 141, 1934a: 161; Kloft & Hinks 1945: 218; Leclercq 1971; Lucht 1957: 278; Mahler 1957: 232; Munro 1920: 1–35, 1921: 85; Pfeffer 1930b: 120, 1931b: 74, 1935: 155, 1947d: 126–127, 1947e: 12, 1960: 346, 1976: 340, 1984: 277, 1989a: 66; Pittioni 1943: 175; Postner 1974: 435; Reitter 1916: 298; Rouhal 1941: 270; Sainte-Claire & Mequignon 1935: 447; Schaufuss 1915: 1243; Schedl 1964a, 1976c: 71, 1978e: 37, 1981b: 75; Schilsky 1909: 188; Stark 1927b: 90, 1952: 352; Stepiens 1829a: 145, 1830: 357, 1839: 207; Tredl 1907: 14; Winter, T. G. 1983: 22; Zocchi 1959: 105, (tx) Balachowsky 1949a: 237; Blandford 1891c: 15–17; Duffly 1953; Eggers 1915b: 13–14, 1915: 181; Endrodi 1957b; Fleischer 1927; Gillanders 1908; Grune 1979: 117; Hagedorn 1910a: 101; Hansen, V. 1956, 1964: 464; Joly 1976; Karpinski 1949: 125; Lucht 1957: 278; Marshall 1802: 58; Olivier 1795b: 11; Pfeffer 1933: 3–54, 1940b: 108, 112, 119, 1941b: 3, 1947c: 12, 1955a: 217, 1976: 340, 1989a: pl. 9; Portevin 1935: 333; Postner 1974: 435; Reitter 1913a: 93, 1916: 298; Schedl 1934f: 1643, 1967f: 149, 1980a: 23, 1981b: 75; Sokanovskii 1954: 19; Spessivtsev 1913a: 89, 1922a: 458, 1922b: 221, 1925a: 182, 1926b: 50, 1929c: 295–303, 1931: 63; Stark 1952: 352; Stepiens 1829a: 145, 1829b: 12, 1830: 357, 1839: 207, (ms) Eggers 1910a, 1910b; Escherich 1932b; Schmittschek 1930b: 407.

ramulorum Perris 1856: 191. Syntypes, sex?, Pyrenees, France; not given, presumably MNHN, Paris. Synonymy: Blandford 1891c: 15. References: (ay) Nusslin 1911a: 155, (cn) Packard 1890: 715; Pfeffer 1933: 43; Wachtl 1853b: 319, 1901: 351; Walsh 1867a: 103, (cc) Perris 1852: 504, 1856a: 191, 1862: 189; Pfeffer 1928b: 5, 1933: 43; Wichmann 1959: 413, (hb) Barbey 1901: 23, 75; Dombrowsky 1891, 1892; Everts 1903: 755; Henschel 1895a: 173; Nordlinger 1870a: 187; Packard 1890: 715; Perris 1852: 504, 1856a: 191; Peyerimhoff 1915: 61; Rupertsberger 1879: 231, 1880: 230; Wachtl 1901: 351, (ds) Acloque 1896; Barthe 1896; Bedel 1855b: 295, 414; Blanchere & Robert 1889; Brancsik 1871, 1906; Bucking

1932; Carpentier & Delaby 1908; Cecconi 1897; Eggers 1904; Everts 1922: 643; Favre 1890; Gozis 1875: 80; Grill 1895: 311; Henschel 1895a: 173; Heyden, Reitter, & Weise 1891: 672, 1906: 711; Kloft & Hinks 1945: 218; Lacordaire 1866: 381; Kunnemann 1921: 58; Mequignon 1936: 15; Micke 1915: 111; Perris 1876a: 255, 1877a: 415; Peyerimhoff 1915: 61, 1933b: 367; Pfeffer 1928b: 8; Ragusa 1924: 116; Reitter 1890b: 212, 1894a: 76; Sainte-Claire 1914: 472; Schilsky 1909: 188; Stein 1868: 114; Stein & Weise 1877: 164; Stierlin 1898: 442; Strach 1861: 122; Wichmann 1910: 146, 1927: 72. **(tx)** Acloque 1896; Balachowsky 1949a: 237; Barbey 1901: 23, 75; Bedel 1858b: 298, 414; Bertolini 1872; Blandford 1891c: 15–17; Branscik 1871; Carpentier & Delaby 1908; Dombrowsky 1891, 1892; Eggers 1915b: 13–14; Eichhoff 1878b: 178, 1883a: 110, 134; Everts 1903: 758, 1922: 643; Favel 1889; Ferrari 1867a: 32, 1867b: 114; Henschel 1895a: 173; Lacordaire 1866: 381; Kuhnt 1913: 1056; Nordlinger 1870a: 187; Nusslin 1911a: 155; Perris 1856: 196, 1877a: 415; Reitter 1894a: 76, 1901: 101, 1913a: 93; Rupertsberger 1879: 231, 1880: 230; Schedl 1934f: 1643; Spessivtsev 1913: 89; Stierlin 1898: 442; Wichmann 1910a: 146. **(ms)** Eggers 1910b; Wichmann 1959: 413.

pubifrons Bright 1981d: 195. Holotype ♀; Parque Nacional Zoquiapan, Mexico, Mexico; CNCI, Ottawa.

Distribution: North America (Mexico in Mexico).
Hosts: *Pinus hartwegii*.

References: **(hb)** Atkinson et al. 1986: 40. **(ds)** Atkinson & Equihua 1985a: 95; Atkinson et al. 1986: 40; Bright 1981d: 195. **(tx)** Bright 1981d: 195.

pudens (Blackman) 1942a: 199 (*Pityophthoroides*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Distribution: Antilles Islands (Cuba/ Dominican Republic in Hispaniola/ Virgin Islands).

References: **(ds)** Blackwelder 1947: 782; Bright 1981c: 156, 1985c: 176. **(tx)** Blackman 1942a: 199; Bright 1985c: 176; Wood, S. L. 1977b: 207.

pudicus Blackman 1942a: 208. Holotype ♂; Guadalupe, Jalisco, Mexico; USNM, Washington. Distribution: North America (Jalisco in Mexico).

Hosts: *Sambucus* sp.

References: **(ds)** Blackwelder 1947; Bright 1981d: 80. **(tx)** Blackman 1942a: 208–209; Bright 1981d: 80; Wood, S. L. 1982b: 1025.

pulchellus Eichhoff 1869a: 275. Holotype, sex?; America septentr.; Hamburg Museum, lost, neotype ♀; Marquette, Michigan [USA]; USNM, Washington, designated by Bright 1978: 73.

Figures: Bright 1981d: 350.

Distribution: North America (Alberta, British Columbia, Manitoba, New Brunswick, Ontario,

Quebec, Saskatchewan, Yukon in Canada/ District of Columbia, Florida, Indiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, New Jersey, New York, North Carolina, Pennsylvania, Texas, Virginia, West Virginia, Wisconsin in USA).

Hosts: *Pinus banksiana*, *P. palustris*, *P. resinosa*, *P. rigida*, *P. strobus*, *P. virginiana*.

Notes: (3) Blackman 1928b: 110 (re-described). Bright 1981d: 153 (subspecies *tuberculatus* recognized). Wood 1982b: 1091 (treated this taxon as a species distinct from *tuberculatus*, although the hosts hybridize in part of Alberta; intergradation between the beetle species is almost, if not entirely, nonexistent).

References: **(ay)** Thomas, J. B. 1957: 4. **(en)** Blackman 1950; Doane et al. 1936; Felt 1906: 752; Hopkins 1899c: 442; Lindquist, O. H. & Syme 1981: 88; Martin, J. L. 1964; Swaine 1918a: 97, 102; Syme & Nystrom 1988: 84; Thomas, J. B. 1958: 394. **(cc)** Bushing 1965: 464; Felt 1906: 752; Frederick, Sloan, & Skowron 1976; Heqvist 1959: 181; Reid 1957b: 7; Thomas, J. B. 1958: 394. **(hb)** Baker, W. L. 1972: 255; Beal & Massey 1945: 129; Blackman 1950; Chamberlin 1939: 389; Doane et al. 1936; Felt 1906: 752; Hopkins 1899c: 442; Swaine 1918a: 97, 102. **(ds)** Anonymous 1926c: 519; Baker, W. L. 1972: 255; Beal & Massey 1945: 129; Blackman 1950; Blatchley & Leng 1916: 632; Bright 1976d: 187, 1981d: 152; Chamberlin 1939: 389; Deyrup & Atkinson 1987b: 68; Dodge 1938; Drooz 1985: 364; Evans, D. 1983: 35; Gemminger & Harold 1872: 2689; Hagedorn 1910a: 73; Henshaw 1885: 147; Hopkins 1893c: 132; Kleine 1913b: 140, 1914b: 394, 1934a: 161; Knull 1932: 66; Leng 1920: 341; Leonard 1928: 519; Lindquist, O. H. & Syme 1981: 88; Swaine 1909: 138; Syme & Nystrom 1988: 84; Wood, S. L. 1982b: 1091. **(tx)** Beal & Massey 1945: 129; Blackman 1922c: 125–126, 1928b: 91, 110–111; Blatchley & Leng 1916: 632; Bright 1978: 73, 1981d: 152, 350; Chamberlin 1939: 389; Dodge 1938: 43, 45; Eichhoff 1869a: 275, 1878b: 181, 1896: 609–610; Evans, D. 1983: 35; Hagedorn 1910a: 101; LeConte 1876: 352, 435; Lindquist, O. H. & Syme 1981: 88; Swaine 1909: 138, 1918a: 97, 102; Syme & Nystrom 1988: 84; Thomas, J. B. 1957: 4; Titus, Meikle, & Harrison 1985: 105; Wood, S. L. 1982b: 1091.

hirticeps LeConte 1878b: 623. Lectotype ♂; Marquette, Michigan [USA]; MCZ, Cambridge, designated by Bright 1976b: 185. Synonymy: Eichhoff 1896: 609.

References: **(cc)** Felt 1906: 751–752. **(hb)** Felt 1906: 752; Schwarz 1885a: 80. **(ds)** Chamberlin 1925; Henshaw 1885: 147; Hopkins 1893a: 131, 1893b: 209, 1899: 442; Hubbard & Schwarz 1878a: 665, 1878b: 623; Leng 1920: 341; Schwarz 1886: 41, 1888a: 80; Swaine 1909: 138, 1918a: 102; Ulke 1902: 56. **(tx)** Blackman 1922b: 125–126, 1928b: 110; Bright

- 1976b: 185; Eichhoff 1896: 609–610; LeConte 1875b: 623; Schwarz 1886: 41; 1888: 80; Swaine 1909: 138.
- pustio* LeConte 1875b: 623. Holotype ♂; Marquette, Michigan [USA]; MCZ, Cambridge. Synonymy: Blackman 1928b: 111. References: **(ds)** Blatchley & Leng 1916: 632; Hagedorn 1910d: 75; Henshaw 1882: 265; 1885: 147; Hubbard & Schwarz 1878a: 643, 665; 1875b: 623; Kleine 1913b: 141; Leng 1920: 341; Swaine 1909: 140. **(tx)** Blackman 1922b: 125–126; 1928b: 110; Blatchley & Leng 1916: 632; Hagedorn 1910a: 101; LeConte 1875b: 623; Swaine 1909: 140; 1918a: 102.
- pulicarius* (Zimmermann) 1868: 144 (*Crypturgus*). Lectotype, sex?: Lake Superior [USA]; MCZ, Cambridge. Figures: Bright 1981d: 55, 339. Distribution: Antilles Islands (Cuba), North America (Manitoba, New Brunswick, Nova Scotia, Ontario, Quebec, Saskatchewan in Canada/ Alabama, Arkansas, Connecticut, Delaware, Florida, Georgia, Illinois, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Texas, Virginia, West Virginia, Wisconsin in USA). Hosts: *Pinus caribaea*, *P. echinata*, *P. palustris*, *P. resinosa*, *P. rigida*, *P. strobus*, *P. sylvestris*, *P. taeda*, *P. virginiana* twigs, uncommon in *Abies balsamea*, *Picea* spp. Notes: (3) Blackman 1928b: 101 (re-described). References: **(bv)** Clark 1972. **(cn)** Anonymous 1962h, 1963r; 1965b; Baker, W. L. 1972: 255; Blackman 1950; Browne 1968b: 565; Clark 1972; Doane et al. 1936; Drooz 1985: 363; Felt 1906: 751, 1933b: 994–995, 1934: 195–200; Hoekstra, Merkel, & Powers 1961; Hopkins 1899c: 442; Kowal 1956a: 9; Lindquist, O. H. & Syme 1981: 88; Mason, C. N. & Jones 1969: 12; Merkel & Kowal 1956: 7; Ollien & Mason 1968: 13; Perry & Wu 1957: 10; Smith, R. H. & Mergen 1959a: 864–865; Swaine 1918a: 95, 99; Syme & Nystrom 1988: 84; Yearian & Warren 1964. **(cc)** Felt 1906: 751; Hines, J. W. & Heikkinen 1977; Schwarz 1889a: 163; Thomas & Lindquist 1956: 2. **(hb)** Baker, W. L. 1972: 255; Beal & Massey 1945: 133–134; Blackman 1950; Browne 1968b: 565; Chamberlin 1939: 374; Clark 1972; Deyrup & Atkinson 1987a: 66; Doane et al. 1936; Felt 1906: 751; Hopkins 1899c: 442; Ostmark 1968; Swaine 1918a: 95, 99. **(ds)** Anonymous 1926c: 518, 1963r, 1965b; Beal & Massey 1945: 133–134; Beaulieu 1956; Blackman 1950; Blatchley & Leng 1916: 629; Bright 1976d: 187, 1981d: 84; 1985c: 84; Browne 1968b: 565; Chamberlin 1925, 1939: 374; Deyrup 1981b: 8; Deyrup & Atkinson 1987a: 66; Dodge 1938; Drooz 1985: 363; Gemminger & Harold 1872: 2689; Hagedorn 1910d: 74; Henshaw 1885: 147; Kirk 1969, 1970; Kleine 1913b: 141, 1934a: 161; Knull 1932: 66, 212; Leng 1920: 341; Leonard 1928: 518; Lindquist, O. H. & Syme 1981: 88; Merkel & Kowal 1956: 7; Ostmark 1968; Proctor 1946: 208; Schuder 1969: 76; Schwarz 1878d: 468, 1889a: 163–164, 1890: 231; Smith, J. B. 1890: 267, 1900: 362, 1910: 401; Swaine 1909: 138; Syme & Nystrom 1988: 84; Ulke 1902: 56; Wood, S. L. 1982b: 1048; Yearian & Warren 1964: 262. **(tx)** Beal & Massey 1945: 133–134; Blackman 1922b: 101–103, 1928b: 59, 63–64; Blatchley & Leng 1916: 629; Bright 1976b: 187, 1981d: 84–85, 339, 1985c: 176; Britton 1920a; Chamberlin 1939: 374; Dodge 1938: 15, 43–44; Eichhoff 1875b: 195; Hagedorn 1910a: 101; LeConte 1868: 155, 157, 1876: 353, 1878a: 468; Lindquist, O. H. & Syme 1981: 88; Swaine 1909: 138, 1918a: 95, 99; Wood, S. L. 1977b: 210, 1982b: 1048; Zimmermann 1868: 144. **(ms)** Hoekstra, Merkel, & Powers 1961; Schuder 1969: 76.
- cubensis* Schedl 1972: 65. Holotype ♂; Cuba, Vinales, Prov. de Pinar del Rio; Schedl Collection in NHMW, Wien. Synonymy: Wood 1977b: 210. References: **(tx)** Schedl 1972: 65, 1979c: 71; Wood, S. L. 1977b: 210.
- pullus* (Zimmermann) 1868: 143 (*Crypturgus*). Holotype ♀; South Carolina [USA]; MCZ, Cambridge. Distribution: North America (District of Columbia, Florida, Illinois, Maryland, Massachusetts, Michigan, Mississippi, New Jersey, New York, North Carolina, Pennsylvania, South Carolina, Texas, West Virginia in USA). Hosts: *Pinus echinata*, *P. palustris*, *P. strobus*, *P. taeda*, *P.* spp. Notes: (1) LeConte 1876: 352 (to *Pityophthorus*). (3) LeConte 1868: 155 (cited in *Cryphalus*). Blackman 1928b: 118 (re-described). References: **(cn)** Blackman 1950; Chamberlin 1924; Doane et al. 1936; Felt 1906: 751; Hopkins 1899c: 357, 442; Swaine 1918a: 98, 103. **(cc)** Felt 1906: 751. **(hb)** Beal & Massey 1945: 131; Blackman 1922b: 101, 105–106, 1950; Chamberlin 1939: 394; Doane et al. 1936; Felt 1906: 751; Hopkins 1899c: 357, 442–444; Schwarz 1888a: 80; Swaine 1918a: 98, 103. **(ds)** Anonymous 1926c: 519; Atkinson et al. 1991: 163; Beal & Massey 1945: 131; Blackman 1922b: 101, 105–106, 1950; Blatchley & Leng 1916: 636; Bright 1981d: 287; Chamberlin 1925, 1939: 394; Deyrup & Atkinson 1987b: 68; Gemminger & Harold 1872: 2689; Hagedorn 1910d: 74; Henshaw 1885: 147; Hopkins 1893a: 129, 1893b: 208; Hubbard & Schwarz 1878: 643; Kirk 1969; Kleine 1913b: 141, 1914b: 391, 1934a: 161; Leng 1920: 341; Leonard 1928: 519; Schwarz 1887: 20, 1888a: 80, 1892: 168; Smith, J. B. 1890: 267, 1900: 362; Swaine

- 1909: 138; Townsend 1889: 235; Ulke 1902: 56; Wood, S. L. 1982b: 1105. **(tx)** Beal & Massey 1945: 131; Blackman 1922b: 101, 105–106, 1925b: 114–118; Blandford 1898c: 5; Blatchley & Leng 1916: 636; Bright 1976b: 187, 1981d: 287; Chamberlin 1939: 394; Eichhoff 1878b: 186; Hagedorn 1910a: 101; LeConte 1868: 155, 157, 1876: 352; Schwarz 1891a: 168; Swaine 1909: 138–139, 1915a: 98, 103; Wood, S. L. 1977d: 516, 1982b: 1105; Zimmermann 1868: 143. **(ms)** Eckstein 1900c.
- cribripennis* Eichhoff 1869a: 274. Holotype, sex?: America septentr.; Hamburg Museum, lost, neotype, sex?: Ripley, Mississippi [USA]; USNM, Washington, designated by Bright 1978: 72. Synonymy: Blackman 1925b: 119. References: **(cc)** Felt 1906: 752. **(hb)** Felt 1906: 751–752. **(ds)** Hopkins 1899: 437–442; Leng 1920: 341; Swaine 1909: 139. **(tx)** Blackman 1925b: 118; Bright 1978: 72; Eichhoff 1869a: 274, 1872b: 137, 1878b: 175, 1896: 609–610; LeConte 1876: 354; Swaine 1909: 139.
- bisulcatus* Eichhoff 1869a: 274. Holotype, sex?: America borealis; Hamburg Museum, lost. Synonymy: LeConte 1876: 352. References: **(bv)** Dixon & Payne 1979b. **(cn)** Hopkins 1899c: 443; Swaine 1915a: 98, 103. **(cc)** Cross & Moser 1971; Dixon & Payne 1979b; Moser, J. C., Cross, & Roton 1971. **(hb)** Blackman 1922b: 108–109; Chamberlin 1939: 400; Hopkins 1899c: 443; Swaine 1915a: 98, 103. **(ds)** Blackman 1922b: 108–109; Chamberlin 1925, 1939: 400; Kirk 1970; Leng 1920: 341; Swaine 1909: 139. **(tx)** Blackman 1922b: 102, 108–109, 1925b: 117, 138; Chamberlin 1939: 400; Eichhoff 1869a: 274, 1878b: 185; LeConte 1876: 352; Swaine 1909: 139, 1915a: 98, 103; Wood, S. L. 1977d: 516.
- punctatus* Eggers 1940a: 130. Holotype ♀; Gadeloupe (Trois Rivières); Eggers Collection, in NHMW, Wien. Distribution: Antilles Islands (Gadeloupe). References: **(cn)** Schuder 1969: 80. **(hb)** Bright 1981d: 287. **(ds)** Bright 1985c: 176; Schuder 1969: 80. **(tx)** Bright 1985c: 176; Eggers 1940a: 130; Schedl 1979c: 204.
- punctifrons* Bright 1966b: 298. Holotype ♀; Frazier Park, Kern Co., California [USA]; CAS, San Francisco. Distribution: North America (California, New Mexico in USA). Hosts: *Pinus edulis*, *P. monophylla*, *P. quadrifolia*. References: **(hb)** Bright & Stark 1973: 106. **(ds)** Bright 1981d: 143; Bright & Stark 1973: 106; Wood, S. L. 1982b: 1035. **(tx)** Bright 1966b: 298, 1981d: 143; de Ruetten 1970: 110; Wood, S. L. 1982b: 1035.
- punctiger* (Schedl) 1951m: 108 (*Neodryocoetes*). Holotype, sex?: Mexico, collected by Flohr; Schedl Collection in NHMW, Wien. Distribution: North America ("Mexico"). References: **(ds)** Wood, S. L. 1982b: 1030. **(tx)** Schedl 1951m: 108, 1979c: 205; Wood, S. L. 1982b: 1030.
- pygmaeolus* Schedl 1970e: 93. Holotype, sex?: Brasilien, Caioba, 45 50, 48 40, 10 m; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: **(tx)** Schedl 1970e: 93, 1979c: 207.
- quadriscopinus* Schedl 1966f: 110. Holotype ♂; published as Surinam, Moengo, type in Schedl Collection (♀) labeled Canopi-Oyapock, Guayane (dans nid d'Atta); Schedl Collection in NHMW, Wien. Distribution: South America (Suriname). References: **(ds)** Schedl 1966f: 79, 110, 1979c: 208.
- quercinus* Wood 1967d: 40. Holotype ♀; 5 km W El Salto, Durango, Mexico; Wood Collection. Distribution: North America (Durango, Michoacan, Oaxaca in Mexico/W Texas in USA). Hosts: *Quercus* sp. bole. Notes: (3) Bright 1977: 515 (a synonym of *guatemalensis*). Wood 1982b: 1085 (a distinct species or a very distinct geographical race of *guatemalensis*). References: **(ds)** Wood, S. L. 1982b: 1085. **(tx)** Bright 1977: 515; de Ruetten 1970: 111; Wood, S. L. 1967d: 40–41, 1982b: 1085.
- ramiperda* Swaine 1917: 28. Holotype ♀; Ile Perrot, Quebec [Canada]; CNCI, Ottawa. Distribution: North America (Ontario, Quebec in Canada/ Maine, Massachusetts, Michigan, New York, Rhode Island, Vermont, Wisconsin in USA). Hosts: *Pinus resinosa*, *P. strobus*. References: **(cn)** Blackman 1950; Britton 1923: 369; Chamberlin 1924; Pettit 1928: 1–20; Randall 1941: 53, 1943: 53; Sterner & Davidson 1983: 37; Swaine 1915a: 94, 98. **(cc)** Bushing 1965: 462. **(hb)** Baker, W. L. 1972: 259; Blackman 1950; Bright 1981d: 207; Chamberlin 1939: 341; Swaine 1915a: 94, 98. **(ds)** Anonymous 1926c: 518; Baker, W. L. 1972: 259; Beaulne 1956; Blackman 1930; Bright 1976d: 168, 1981d: 207; Chamberlin 1939: 341; Drooz 1985: 364; Kleine 1934a: 161, 163; Leng 1920: 341; Leonard 1928: 518; Proctor 1946: 208; Wood, S. L. 1982b: 1044. **(tx)** Blackman 1928b: 16–17, 22–23; Bright 1967b: 678, 1976c: 426, 1976d: 168, 1981d: 207; Chamberlin 1939: 341; Dodge 1938: 41; Hoebecke 1978; de Ruetten 1970: 111; Swaine 1917: 28–29, 1915a: 94, 98, 1925b: 192; Wood, S. L. 1982b: 1044.
- fixasi* Blackman 1928b: 23 (*Myeloborus*). Holotype ♀; Cranberry Lake, New York [USA]; USNM, Washington. Synonymy: Bright 1976c: 426. References: **(cn)** Doane et al. 1936. **(hb)** Baker, W. L. 1972: 259; Blackman 1928b; Bright 1976d: 168; Chamberlin 1939: 341; Doane et

al. 1936. (**ds**) Baker, W. L. 1972: 259; Bright 1976d: 165; Chamberlin 1939: 341; Dodge 1938: 41–42; Leng & Mutchler 1933: 53. (**tx**) Blackman 1928b: 23; Bright 1976c: 426, 1976d: 165; Chamberlin 1939: 341; Dodge 1938: 41–42; Schedl 1938a: 161.

recens Bright 1976c: 438. Holotype ♀; Pine Pass, British Columbia [Canada]; CNCI, Ottawa. Distribution: North America (British Columbia, Yukon in Canada).

Hosts: *Picea glauca*, *P. engelmannii*.

References: (**ds**) Bright 1981d: 142; Wood, S. L. 1982b: 1061. (**tx**) Bright 1976c: 438, 1981d: 142; McNamara 1984: 757; Wood, S. L. 1982b: 1061.

regularis Blackman 1942a: 206. Holotype, sex?; Cayamas, Cuba; USNM, Washington.

Distribution: Antilles Islands (Cuba).

References: (**ds**) Blackwelder 1947: 782; Bright 1955c: 176. (**tx**) Blackman 1942a: 206; Bright 1955c: 176; Wood, S. L. 1964: 63.

robai (Blackman) 1942a: 200 (*Pityophthoroides*). Holotype ♀; Dept. Santander, Colombia, S. America, 700–1300 m; USNM, Washington.

Figures: Blackman 1942a: fig. 28.

Distribution: South America (Colombia).

Hosts: *Psidium guajava*.

Notes: (1) Wood 1977b: 207 (to *Pityophthorus*).

References: (**ds**) Blackwelder 1947: 781. (**tx**) Blackman 1942a: 200; Wood, S. L. 1977b: 207.

roppae Schedl 1976a: 69. Holotype ♀; Linhares, E. Santo, Brasil; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil).

References: (**tx**) Schedl 1976a: 69.

rossicus Eggers 1915b: 13. Holotype ♀; Russia; Tambow; Eggers Collection, in NHMW, Wien. Distribution: Europe (W USSR).

References: (**hb**) Stark 1952: 352. (**ds**) Kleine 1934a: 161; Postner 1974: 437; Stark 1952: 352. (**tx**) Eggers 1915b: 13–14; Pfeiffer 1940b: 108, 112, 120, 1979c: 213; Postner 1974: 437; Schedl 1934f: 1643; Spessivtsev 1926: 50; Stark 1952: 352.

rubidus Wood 1978b: 400. Holotype ♀; Madera Canyon, Santa Rita Mts., Arizona [USA]; Wood Collection.

Distribution: North America (Durango in Mexico, Arizona in USA).

Hosts: *Pinus cooperi*, *P. engelmannii*, *P. leiophylla*, *P. lumholtzi*, *P. ponderosa*.

References: (**ds**) Bright 1981d: 301; Wood, S. L. 1982b: 1113. (**tx**) Bright 1981d: 301; Wood, S. L. 1978b: 400, 1982b: 1113.

rudis Blackman 1942a: 212. Holotype ♀; Amecameca, Distrito Federal, Mexico; USNM, Washington.

Figures: Blackman 1942a: fig. 46.

Distribution: North America (Distrito Federal in Mexico).

Hosts: *Abies religiosa*, *Pinus* sp.

References: (**hb**) Atkinson et al. 1986: 40. (**ds**) Atkinson & Equilma 1985a: 95; Atkinson et al. 1986: 40; Blackwelder 1947: 782; Bright 1981d: 223; Wood, S. L. 1982b: 1058. (**tx**) Blackman 1942a: 212; Bright 1981d: 223; McNamara 1984: 757; Wood, S. L. 1982b: 1058.

sachalinensis Krivolutskaya 1956: 838. Holotype, sex?; Sakhalin; Kirovsk region, Tyn river basin, village of Argi-Pag; Institute of Zoology, Academy of Science, Vladivostok.

Distribution: Asia (Sakhalin Island in USSR).

References: (**hb**) Krivolutskaya 1956: 838. (**ds**) Krivolutskaya 1956: 838; Kurenzov 1967; Pfeiffer 1976: 340. (**tx**) Krivolutskaya 1956: 838, 1958: 163; Pfeiffer 1976: 340.

sambuci Blackman 1942a: 207. Holotype ♂; Jalisco, Mexico; USNM, Washington.

Figures: Blackman 1942a: fig. 38, Bright 1981d: 337.

Distribution: North America (Jalisco in Mexico).

Hosts: *Sambucus* sp.

References: (**ds**) Blackwelder 1947: 782; Bright 1981d: 58; Wood, S. L. 1982b: 1132. (**tx**) Blackman 1942a: 207; Bright 1981d: 58, 337; McNamara 1984: 757; Wood, S. L. 1982b: 1132.

sapineus Bright 1981d: 194. Holotype ♀; Atenquique, Jalisco, Mexico; CNCI, Ottawa.

Figures: Bright 1981d: 357.

Distribution: North America (Jalisco in Mexico).

Hosts: *Pinus* sp.

References: (**ds**) Atkinson & Equilma 1985c: 360, 1988: 98; Wood, S. L. 1982b: 1056. (**tx**) Bright 1981d: 194, 357; Wood, S. L. 1982b: 1056.

scabridus Schedl 1955g: 24. Lectotype ♀; Quezaltenango, Guatemala; Schedl Collection in NHMW, Wien, designated by Bright 1976b: 186. Figures: Bright 1981d: 365.

Distribution: North America (El Salvador/ Guatemala/ Honduras/ Chiapas, Jalisco, Mexico, Michoacan, Morelos, Nayarit, Oaxaca, Veracruz in Mexico).

Hosts: *Pinus ayacahuite*, *P. caribaea*, *P. montezumae*, *P. oocarpa*, *P. patula*, *P. pseudostrobus*, *P. rudis*.

References: (**hb**) Atkinson et al. 1986: 40; Bright 1981d: 257; Burgos & Sancedo 1983: 117; Schwerdtfeger 1957: 502. (**ds**) Atkinson & Equilma 1985a: 96, 1985c: 360, 1988: 98; Atkinson et al. 1986: 40; Bright 1981d: 257; Burgos & Sancedo 1983: 117; Schedl 1963c: 158, 1977e: 42; Wood, S. L. 1982b: 1050. (**tx**) Bright 1976b: 186, 1981d: 257, 365; Schedl 1955g: 18, 24, 1979c: 220; Wood, S. L. 1982b: 1050.

scalptor Blackman 1928b: 30. Holotype ♀; Julian, California [USA]; USNM, Washington.

Distribution: North America (British Columbia in Canada/ California, Idaho, Oregon in USA).

Hosts: *Pinus contorta*, *P. coulteri*, *P. jeffreyi*, *P. ponderosa*.

References: **(bv)** Moeck, Wood, & Lindahl 1951. **(cn)** Lindgren 1950: 69. **(hb)** Bright & Stark 1973: 105; Furniss, M. M. & Johnson 1987: 377; Lindgren 1950: 69. **(ds)** Bright 1981d: 135; Bright & Stark 1973: 105; Chamberlin 1939: 357; Furniss, M. M. & Johnson 1987: 377; Keen 1929a: 32; Kleine 1934a: 161; Leng & Mutchler 1933: 152; Wood, S. L. 1952b: 1051. **(tx)** Blackman 1925b: 30; Bright 1981d: 135; Chamberlin 1939: 357; Hopping 1960a: 867; Keen 1929a: 32; de Ruelle 1970: 111; Wood, S. L. 1952b: 1051.

scalptus Bright 1978: 82. Holotype ♀; Aspen Grove, British Columbia [Canada]; CNCI, Ottawa.

Distribution: North America (British Columbia in Canada/ Colorado, Montana in USA).

Hosts: *Pinus ponderosa*.

References: **(ds)** Bright 1981d: 127; Wood, S. L. 1952b: 1052. **(tx)** Bright 1978: 82, 1981d: 127; Gast et al. 1989: 385; McNamara 1984: 757; Wood, S. L. 1952b: 1052.

schrenkianae Pjatnitskii 1931: 171. Lectotype, sex?: Kirgisien, USSR: Pjatnitskii Collection not located, designated by Michalski 1969a: 895.

Distribution: Asia (E USSR).

Hosts: *Picea schrenkianae*.

References: **(ce)** Kostin 1964: 112. **(hb)** Kostin 1960: 133; Stark 1952: 347. **(ds)** Kleine 1934a: 161; Marikovskii 1956: 73; Parfentev 1951: 429–430; Stark 1952: 347. **(tx)** Michalski 1969a: 895, 1969b: 569; Pfeffer 1940b: 107, 110, 116; Pjatnitskii 1931: 171; Schedl 1934f: 1643, 1979c: 222; Sokanovskii 1954: 19; Stark 1952: 347.

schwarzii Blackman 1925b: 71. Holotype ♀; Las Vegas H.S. [Hot Springs], New Mexico [USA]; USNM, Washington.

Figures: Bright 1981d: 365.

Distribution: North America (Coahuila, Durango, Hidalgo, Nuevo Leon, Queretaro, Tlaxcala in Mexico/ Arizona, New Mexico, W Texas, Utah, Wyoming in USA).

Hosts: *Pinus cambroides*, *P. edulis*, *P. greggii*, *P. leiophylla*, *P. lumbholtzii*, *P. montezuma*, *P. ponderosa*, *P. teocote*.

References: **(hb)** Chamberlin 1939: 377. **(ds)** Atkinson & Equihua 1988: 98; Bright 1981d: 273; Chamberlin 1939: 377; Keen 1929a: 32; Kleine 1934a: 161; Leng & Mutchler 1933: 52; Wood, S. L. 1952b: 1050. **(tx)** Blackman 1925b: 71–72; Bright 1981d: 273, 368; Chamberlin 1939: 377; Keen 1929a: 32; de Ruelle 1970: 111; Wood, S. L. 1952b: 1050.

schwerdtfegeri (Schedl) 1955g: 28 (*Conophthorus*). Lectotype ♂; Guatemala: Strasse Quezaltenango-Huehuetenango, Rancho Alegre; Schedl Collection in NHMW, Wien, designated by Bright 1976b: 187.

Figures: Bright 1981d: 340.

Distribution: North America (Guatemala/ Hon-

duras/ Chiapas, Durango, Mexico, Nuevo Leon in Mexico/ Arizona, Nevada, W Texas in USA).

Hosts: *Pinus engelmannii*, *P. oocarpa*, *P. ponderosa*, *P. pseudostrabus*.

References: **(cn)** Gibrian-Tovar et al. 1986: 47. **(hb)** Atkinson & Equihua 1955c: 359; Atkinson et al. 1986: 41; Bright 1981d: 55; Burgos & Saucedo 1983: 116; Schwerdtfeger 1957c: 506. **(ds)** Atkinson & Equihua 1955c: 359, 1985: 95; Atkinson et al. 1986: 41; Bright 1981d: 55; Burgos & Saucedo 1983: 116; Gibrian-Tovar et al. 1986: 47; Rio Mora 1985: 13; Wood, S. L. 1952b: 1047. **(tx)** Bright 1976b: 187, 1981d: 55, 340; Rio Mora 1985: 13; Schedl 1955g: 18, 28, 1963c: 163, 1979c: 222; Wood, S. L. 1966b: 28, 1982b: 1047.

islasi Wood 1962: 80. Holotype ♀; Temascaltepec, Mexico, Mexico; Wood Collection. Synonymy: Wood 1966b: 28.

References: **(tx)** Schedl 1979c: 128; Wood, S. L. 1962: 80, 1966b: 28.

islasi Schedl 1963c: 163 (*Conophthocrannulus*). Holotype ♀; Temascaltepec, Mexico; Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 28.

References: **(tx)** Schedl 1963c: 163, 1979c: 128; Wood, S. L. 1966b: 28.

situlus Wood 1976a: 359. Holotype ♀; Volcan Chiriqui [near Cerro Punta], Chiriqui, Panama; Wood Collection.

Distribution: North America (Costa Rica/ Panama).

Hosts: *Quercus* sp. limb.

References: **(ds)** Bright 1981d: 104; Wood, S. L. 1982b: 1053. **(tx)** Bright 1981d: 104; McNamara 1984: 757; Wood, S. L. 1976a: 359, 1982b: 1053.

scriptor Blackman 1921: 7. Lectotype ♀; Agricultural College [Starkville], Mississippi [USA]; USNM, Washington, designated by Bright 1976b: 184. Figures: Blackman 1922b: pl. 1, fig. 6.

Distribution: North America (Georgia, Mississippi, North Carolina, Oklahoma, Tennessee, Texas in USA).

Hosts: *Rhus typhina*.

References: **(cn)** Anonymous 1977f, 1975v; Blackman 1950. **(hb)** Baker, W. L. 1972: 255; Beal & Massey 1945: 127–128; Blackman 1922b: 106–107, 1950; Chamberlin 1939: 401. **(ds)** Anonymous 1977f, 1975v; Beal & Massey 1945: 127–128; Blackman 1922b: 106–107, 1950; Bright 1981b: 5; Chamberlin 1939: 401; Dextrup 1981b: 5; Drooz 1985: 363; Kleine 1934a: 161; Leng & Mutchler 1927: 52; Wood, S. L. 1952b: 1118. **(tx)** Beal & Massey 1945: 127–128; Blackman 1921: 7–8, 1922b: 106–107, 1925b: 114, 142; Bright 1976b: 184, 1981d: 39; Chamberlin 1939: 401; de Ruelle 1970: 111; Wood, S. L. 1952b: 1118.

segnis Blackman 1925b: 52. Holotype ♀; Santa Catalina Mts., Arizona [USA]; USNM, Washington. Figures: Bright 1981d: 355.

- Distribution: North America (Durango in Mexico/Arizona, New Mexico in USA).
 Hosts: *Pinus engelmannii*, *P. strobiformis* twigs.
 Notes: (3) Bright 1951d: 199 (recognized subspecies *subopacens*); Wood 1952b: 1036 (intergrades with *subopacens*).
 References: (hb) Atkinson et al. 1956: 41; Chamberlin 1939: 366. (ds) Atkinson & Equihua 1955a: 95; Atkinson et al. 1956: 40; Bright 1951d: 198; Chamberlin 1939: 366; Keen 1929a: 32; Kleine 1934a: 161; Leng & Mutchler 1933: 52; Wood, S. L. 1952b: 1036. (tx) Blackman 1928b: 44, 52–53; Bright 1951d: 195–199; Chamberlin 1939: 366; Keen 1929a: 32; McNamara 1954: 757; Wood, S. L. 1952b: 1036.
- seiryuensis** Murayama 1963c: 393. Holotype, sex?; Seiryu, South Manchuria; Murayama Collection in USNM, Washington.
 Distribution: Asia (Manchuria).
 Hosts: *Pinus tabulaeformis*.
 References: (tx) Murayama 1963c: 393.
- separatus** Bright 1977: 529. Holotype ♂; Poinsett State Park, South Carolina [USA]; Wood Collection.
 Distribution: North America (South Carolina in USA).
 Hosts: (?) *Pinus* sp. (probably in twigs of living trees).
 References: (ds) Bright 1951d: 203; Wood, S. L. 1952b: 1042. (tx) Bright 1977: 529, 1951d: 203; Wood, S. L. 1952b: 1042.
- serratus** Swaine 1915a: 103. Holotype ♂; Barkhouse Creek, Siskiyou Co., California [USA]; CNCI, Ottawa.
 Distribution: North America (S British Columbia in Canada/California, N Idaho in USA).
 Hosts: *Pinus ponderosa*.
 References: (cn) Keen 1929: 53; Swaine 1915a: 98, 103. (hb) Bright & Stark 1973: 115; Chamberlin 1939: 395, 1955: 157; Keen 1929: 53; Swaine 1915a: 98, 103. (ds) Bright 1951d: 304; Bright & Stark 1973: 115; Chamberlin 1939: 395, 1955: 157; Hopping 1922; Keen 1929a: 33, 1929c: 53; Kleine 1934a: 161; Leng 1920: 341; Wood, S. L. 1972a: 427, 1952b: 1106. (tx) Blackman 1928b: 115, 122; Bright 1967b: 678, 1951d: 304; Chamberlin 1939: 395, 1955: 157; Keen 1929a: 33; de Ruelle 1970: 111; Swaine 1915a: 98, 103; Wood, S. L. 1972a: 427, 1952b: 1106.
- setifer** Browne 1965a: 193. Holotype, sex?; Ivory Coast; Adiopodoume; RNH, Leiden.
 Distribution: Africa (Ghana/Ivory Coast).
 References: (ds) Schedl 1972e: 282. (tx) Browne 1965a: 193.
- setosus** Blackman 1928b: 77. Holotype ♀; Monterey, California [USA]; USNM, Washington.
 Figures: Bright 1951d: 361.
 Distribution: North America (California in USA).
 Hosts: *Pinus radiata*, 1 series from *P. muricata*.
 References: (cc) Kim 1971. (hb) Bright & Stark 1973: 109; Chamberlin 1939: 375. (ds) Bright 1951d: 222; Bright & Stark 1973: 109; Chamberlin 1939: 375; Keen 1929a: 32; Kleine 1934a: 161; Leng & Mutchler 1933: 52; Wood, S. L. 1952b: 1073. (tx) Blackman 1928b: 62, 77–78; Bright 1951d: 222, 361; Chamberlin 1939: 375; Keen 1929a: 32; de Ruelle 1970: 111; Schedl 1931b: 166; Wood, S. L. 1952b: 1073.
- sextuberculatus** Eggers 1933b: 6. Holotype, sex?; Franz, Guayana (Nouveau Chantier; Bas-Maroni); MNHN, Paris.
 Distribution: South America (Cayenne).
 References: (ds) Blackwelder 1947: 782. (tx) Eggers 1933b: 6–7.
- sichotensis** Kurenzov 1941a: 175. Holotype, sex?; Ussuri, USSR; Kurenzov Collection in IBSN, Novosibirsk.
 Distribution: Asia (USSR).
 Hosts: *Picea ajanensis*.
 References: (hb) Krivolutskaya 1956: 835; Kurenzov 1945b: 111; Stark 1952: 355. (ds) Krivolutskaya 1956: 835; Pfeiffer 1976: 340; Sokanovskii 1960; Stark 1952: 355. (tx) Krivolutskaya 1956: 835; Kurenzov 1941a: 175, 1945b: 111; Michalski 1969b: 570; Pfeiffer 1976: 340; Sokanovskii 1960: 675; Stark 1952: 355.
- sierrensis** Bright 1971b: 64. Holotype ♀; 1 mile S Onion Valley, Inyo Co., California [USA]; CNCI, Ottawa.
 Figures: Bright 1951d: 365.
 Distribution: North America (British Columbia in Canada/California, Colorado, Nevada, Wyoming in USA).
 Hosts: *Pinus albicaulis*, *P. aristata*, *P. balfouriana*, *P. flexilis*.
 References: (hb) Bright & Stark 1973: 110. (ds) Bright 1951d: 259; Bright & Stark 1973: 110. (tx) Bright 1971b: 64–65, 1951d: 259, 365; McNamara 1977: 198; Wood, S. L. 1952b: 1063.
- signatifrons** Browne 1975a: 758. Holotype ♂; Tanzania; Mts. Uluguru, Kimboza, 600 m; MRCB, Tervuren.
 Distribution: Africa (Tanzania).
 References: (tx) Browne 1975a: 758.
- similis** Eichhoff 1869a: 275. Syntypes, sex?; Venezuela; Hamburg Museum, lost.
 Distribution: South America (Venezuela).
 References: (ds) Gemminger & Harold 1872: 2689; Kleine 1913b: 141, 1914b: 339. (tx) Eggers 1933b: 3; Eichhoff 1869a: 275, 1878b: 182; Hagedorn 1905a: 412.
- sinopae** Schedl 1976a: 69. Holotype, sex?; Sinop, M. Grosso, Brasil; Schedl Collection in NHMW, Wien.
 Distribution: South America (Brazil).
 References: (tx) Schedl 1976a: 69.
- sobrinus** Wood 1976a: 357. Holotype ♀; 3 km SE Cartago, Cartago, Costa Rica, 1300 m; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: Liana.

References: **(ds)** Bright 1981d: 46; Wood, S. L. 1982b: 1140. **(tx)** Bright 1981d: 46; McNamara 1984: 758; Wood, S. L. 1976a: 357, 1982b: 1140.

solatus Wood 1977b: 215. Holotype ♀; 81 km NW Oaxaca, Oaxaca, Mexico; CNCI, Ottawa.

Distribution: North America (Oaxaca in Mexico).

Hosts: *Pinus lawsonii*, *P.* spp.

References: **(ds)** Bright 1981d: 327; Wood, S. L. 1982b: 1108. **(tx)** Bright 1981d: 327; Wood, S. L. 1977b: 215, 1982b: 1108.

solers Blackman 1928b: 138. Holotype ♀; Clondcroft, New Mexico [USA]; USNM, Washington.

Figures: Bright 1981d: 375.

Distribution: North America (Chihuahua, Nuevo Leon in Mexico/ Arizona, New Mexico, Utah in USA).

Hosts: *Abies concolor* twigs, uncommon in *A. lasiocarpa*, *A. magnifica*, *A. religiosa*, *Pseudotsuga menziesii*, *Pinus* sp.

References: **(hb)** Chamberlin 1939: 401. **(ds)** Bright 1981d: 325; Chamberlin 1939: 401; Keen 1929a: 34; Kleine 1934a: 161; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1108. **(tx)** Blackman 1928b: 117, 138–140; Bright 1981d: 325, 374; Chamberlin 1939: 401; Keen 1929a: 34; de Ruetten 1970: 111; Schedl 1930: 197; Wood, S. L. 1982b: 1108.

solus Blackman 1928b: 64. Holotype ♂?; Pinal Mountains, Arizona [USA]; USNM, Washington. Figures: Blackman 1981d: 348.

Distribution: North America (Chiapas, Distrito Federal, Durango, Hidalgo, Mexico, Oaxaca, Puebla, Queretaro, Tlaxcala in Mexico/ Arizona, New Mexico in USA).

Hosts: *Pinus ayacaluuite*, *P. edulis*, *P. greggii*, *P. hartwegii*, *P. lawsonii*, *P. leiophylla*, *P. montezumae*, *P. oocarpa*, *P.* spp.

References: **(hb)** Atkinson et al. 1986: 41; Burgos & Saucedo 1983: 116; Chamberlin 1939: 375. **(ds)** Atkinson & Equihua 1985a: 94, 1985c: 360; Atkinson et al. 1986: 41; Bright 1981d: 140; Burgos & Saucedo 1984: 116; Chamberlin 1939: 375; Leng & Mutchler 1933: 52; Schedl 1960a: 75; Wood, S. L. 1982b: 1148. **(tx)** Blackman 1928b: 64; Bright 1977: 518, 1981d: 140, 348; Chamberlin 1939: 375; Wood, S. L. 1982b: 1048.

cribratus Blackman 1942a: 216. Holotype ♀; Mexico, D.F., Mexico; USNM, Washington, preoccupied by Pfeffer 1940. Synonymy: Bright 1977: 518.

References: **(ds)** Blackwelder 1947: 781. **(tx)** Blackman 1942a: 216; Bright 1977: 518; McNamara 1984: 755; Wood, S. L. 1982b: 1048.

spadix Blackman 1942a: 219. Holotype ♀; Rio Frio, Puebla, Mexico; USNM, Washington.

Distribution: North America (Chihuahua,

Durango, Hidalgo, Mexico, Michoacan, Puebla, Oaxaca, Veracruz in Mexico).

Hosts: *Pinus leiophylla*, *P. pseudostrabus*, *P.* spp. References: **(ds)** Atkinson & Equihua 1985a: 97, 1985c: 360; Blackwelder 1947: 782; Bright 1981d: 300; Wood, S. L. 1982b: 1112. **(tx)** Blackman 1942a: 219; Bright 1981d: 300; McNamara 1984: 758; Wood, S. L. 1982b: 1112.

sparsepilosus (Schedl) 1935h: 343 (*Gnathophorus*). Syntypes ♀; Hamburgfarm on Rio Reventazon, Limon, Costa Rica; Schedl Collection in NIMW, Wien.

Distribution: North America (Costa Rica).

Hosts: (?) *Protium* sp. limbs.

Notes: (1) Wood 1975b: 391 (to *Pityophthorus*).

References: **(ds)** Blackwelder 1947: 782; Wood, S. L. 1982b: 1135. **(tx)** Bright 1981d: 18; Schedl 1935h: 343, 1979c: 233; Wood, S. L. 1975b: 391, 1982b: 1135.

speciosus Wood 1977b: 215. Holotype ♀; 24 km S Valle Nacional, Oaxaca, Mexico, 1300 m; CNCI, Ottawa.

Distribution: North America (Oaxaca in Mexico).

References: **(ds)** Bright 1981d: 49; Wood, S. L. 1982b: 1129. **(tx)** Bright 1981d: 49; Wood, S. L. 1977b: 215, 1982b: 1129.

speculum Bright 1976c: 440. Holotype ♀; Cerro Potosi, Nuevo Leon, Mexico, 3600 m; CNCI, Ottawa.

Figures: Bright 1981d: 345.

Distribution: North America (Hidalgo, Nuevo Leon in Mexico).

Hosts: *Abies* sp., *Pseudotsuga menziesii*.

References: **(hb)** Atkinson & Equihua 1985a: 93, 1985c: 350; Bright 1981d: 126. **(ds)** Atkinson & Equihua 1985a: 93, 1985c: 360, 1985: 98; Bright 1976c: 440, 1981d: 126; Wood, S. L. 1982b: 1072. **(tx)** Bright 1976c: 440, 1981d: 126, 345; McNamara 1984: 758; Wood, S. L. 1982b: 1072.

strictus Wood 1976a: 354. Holotype ♀; Santa Ana, San Jose, Costa Rica; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: *Rhacelia edulis*.

References: **(ds)** Bright 1981d: 77; Wood, S. L. 1982b: 1124. **(tx)** Bright 1981d: 77; Wood, S. L. 1976a: 354, 1982b: 1124.

subconcentralis Schedl 1938a: 183. Lectotype, sex?; Trois Rivières, Guadeloupe, Dfour; USNM, Washington, designated by Anderson & Anderson 1971: 32.

Distribution: Antilles Islands (Guadeloupe).

References: **(ds)** Blackwelder 1947: 782; Bright 1985c: 176. **(tx)** Anderson, W. H. & Anderson 1971: 32; Bright 1985c: 176; Eggers 1941a: 108, 1951: 150; Schedl 1938a: 183, 1964m: 317, 1979c: 240.

- subcristatus** Schedl 1937h: 168. Holotype ♀; Costa Rica, Hamburgfarm, Reventazon, Ebene Limon; Schedl Collection in NHMW, Wien. Figures: Blackman 1942a: 226. Distribution: North America (Costa Rica/ Nicaragua/ Panama). Hosts: (?) *Protium* sp. limbs. Notes: (3) Bright 1977: 513 (to *Gnatholeptus*). Wood 1952b: 1143 (cited in *Gnatholeptus*). References: (ds) Blackwelder 1947: 752. (tx) Bright 1977: 513. 1981d: 17; Schedl 1937h: 168. 1938a: 183. 1979c: 241; Wood, S. L. 1979b: 135. *zeteki* Blackman 1942a: 226. Holotype ♀; Trinidad River, Panama; USNM, Washington. Synonymy: Bright 1977: 513. References: (ds) Blackwelder 1947: 752. (tx) Blackman 1942a: 226; Bright 1977: 513; Wood, S. L. 1979b: 135.
- subopacus** Blackman 1942a: 210. Holotype ♂?; Chalco, Mexico, Mexico; USNM, Washington. Figures: Blackman 1942a: figs. 41–42. Distribution: North America (Durango, Mexico, Michoacan, Nuevo Leon, Oaxaca, Puebla, Tlaxcala, Veracruz in Mexico). Hosts: *Pinus cembroides*, *P. leiophylla*, *P. michoacana*, *P. montezumae*, *Pinus* spp. Notes: (3) Bright 1981d: 198 (treated as a subspecies of *segnis*). Wood 1952: 1086 (intergrades with *segnis*). References: (ds) Blackwelder 1947: 752; Bright 1981d: 198; Rio Mora 1985: 11; Thomas, J. B. 1966; Wood, S. L. 1952b: 1086. (tx) Blackman 1942a: 210; Bright 1981d: 198; Rio Mora 1985: 11; Wood, S. L. 1952b: 1086.
- climatus** Bright 1976c: 432. Holotype ♀; 85 km NW Oaxaca, Oaxaca, Mexico; CNCI, Ottawa. Synonymy: Wood 1952b: 1086. References: (ds) Atkinson & Equilma 1955: 96; Bright 1981d: 196, 1986b: 683; Wood, S. L. 1952b: 1086. (tx) Bright 1976c: 432. 1981d: 196; McNamara 1984: 755; Wood, S. L. 1952b: 1086.
- subsimilans** Wood 1959: 179. Holotype, sex?; Brasilien, Rio Caraguata, Matto Grosso; Schedl Collection in NHMW, Wien, automatic. Distribution: South America (Brazil). References: (tx) Wood, S. L. 1959: 179.
- subsimilis** Schedl 1966f: 104 (*Breviophthorus*). Holotype, sex?; Brasilien, Rio Caraguata, Matto Grosso; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1955. References: (cn) Schwerdtfeger 1956b: 48. (hb) Atkinson et al. 1986: 41; Bright 1981d: 301; Schwerdtfeger 1956b: 48, 1957c: 504. (ds) Atkinson et al. 1986: 41; Bright 1981d: 301; Schedl 1966f: 85, 1973d: 155; Wood, S. L. 1952b: 1136. (tx) Bright 1976b: 187, 1981d: 301, 345; Schedl 1955g: 25, 1966f: 104, 1979c: 244; Wood, S. L. 1977b: 210, 1982b: 1136, 1989: 179.
- subsimilis** Schedl 1955g: 25. Lectotype ♂; G. Ciudad [Guatemala City], Guatemala; Schedl Collection in NHMW, Wien, designated by Bright 1976b: 187. Figures: Bright 1981d: 371. Distribution: North America (Guatemala/ Chiapas, Oaxaca, Puebla in Mexico). Hosts: *Pinus strobus* var. *chiapensis*, *P. tenuifolia*, *P.* sp. References: (hb) Schwerdtfeger 1957: 504. (tx) Bright 1976b: 187, 1981d: 301, 371; Schedl 1955g: 18, 25, 1979c: 244.
- subimpressus** Bright 1976c: 441. Holotype ♀; 51 km S Valle Nacional, Oaxaca, Oaxaca; CNCI, Ottawa. Synonymy: Wood 1977b: 210, 1982b: 1136. Notes: (3) Bright 1981d: 303 (treated as a good species). Wood 1952b: 1136 (this is only one of several minor variations of *subsimilis*). References: (ds) Bright 1981d: 303. (tx) Bright 1976c: 441, 1981d: 303, 371; McNamara 1984: 758; Wood, S. L. 1977b: 210.
- subsulcatus** (Schedl) 1963d: 223 (*Breviophthorus*). Holotype, sex?; Brasilien; Parana, Rondon; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (tx) Schedl 1963d: 223, 1979c: 244.
- surinamensis** Schedl 1961i: 226. Holotype ♀; Surinam, Moengo, Boven, Cottica R.; Cornell University Collection, Ithaca, New York. Distribution: South America (Suriname). References: (ds) Schedl 1960a: 78. (tx) Hoebeke 1978; Schedl 1961i: 226, 1964b: 206, 1979c: 247.
- suspicious** Bright 1972d: 89. Holotype ♀; Blue Mountain Peak, Jamaica, 7400 [feet]; CNCI, Ottawa. Figures: Bright 1972: 75. Distribution: Antilles Islands (Jamaica). References: (ds) Bright 1985c: 176. (tx) Bright 1972: 75, 1972d: 89, 1985c: 176; McNamara 1984: 758.
- suturalis** Eggers 1932d: 291. Holotype, sex?; Congostaat (Haut-Uele; Yebo Moto); MRCB, Tervuren. Distribution: Africa (Ghana/ Zaire). Hosts: *Bussca occidentalis*. References: (ds) Browne 1965a: 188; Schedl 1962h: 59, 1962j: 20. (tx) Eggers 1932d: 291; Schedl 1938a: 183, 1962j: 20; 1962k: 1080.
- tenax** Wood 1976a: 354. Holotype ♀; Volcan Pacaya, Esquintla, Guatemala, 1300 m; Wood Collection. Distribution: North America (Guatemala). Hosts: Tree branch. References: (ds) Bright 1981d: 74; Wood, S. L. 1982b: 1123. (tx) Bright 1981d: 74; Wood, S. L. 1976a: 354, 1982b: 1123.

- terebrans** Schedl 1970i: 223. Holotype, sex?; Brasilien, Amazonas; Schedl Collection in NHMW, Wien, automatic.
Distribution: South America (Brazil).
References: (tx) Schedl 1970i: 223.
- grandipennis** Schedl 1966f: 111. Holotype, sex?; Brasilien, Amazonas; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1965.
References: (ds) Schedl 1966f: 87. (tx) Schedl 1966f: 111, 1970i: 123, 1977i: 112, 1979c: 112.
- graulicanda** Schedl 1979c: 112. Holotype, sex?; Brasilien, Amazonas; Schedl Collection in NHMW, Wien, automatic.
Notes: (1) Because a synonym was available, this is an unneeded replacement name.
References: (tx) Schedl 1979c: 112.
- thamnis** Bright 1985a: 470. Holotype ♀; Mexico: Pachuca, Edo. Hidalgo; CNCI, Ottawa.
Distribution: North America (Hidalgo in Mexico).
Hosts: *Aluzoania angusta*.
References: (tx) Bright 1985a: 470.
- thomasi** Bright 1976c: 443. Holotype ♀; 17 km SW El Salto, Durango, Mexico, 2600 m; CNCI, Ottawa.
Distribution: North America (Durango in Mexico).
Hosts: *Pinus cooperi*.
References: (ds) Bright 1981d: 122; Wood, S. L. 1982b: 1031. (tx) Bright 1976c: 443, 1981d: 122; McNamara 1984: 758; Wood, S. L. 1982b: 1031.
- timidulus** Wood 1975b: 396. Holotype ♂; Volcan Chiriqui [near Cerro Punta], Chiriqui, Panama; Wood Collection.
Distribution: North America (Panama).
Hosts: Small tree (? *Orcopanax rubigenus*).
References: (ds) Bright 1981d: 96; Wood, S. L. 1982b: 1028. (tx) Bright 1981d: 96; McNamara 1984: 758; Wood, S. L. 1975b: 396, 1982b: 1028.
- timidus** Blandford 1904: 241. Holotype ♀; Mexico (Salle Coll.); BMNH, London.
Distribution: North America ("Mexico").
Notes: (3) Wood 1982b: 1138 (*dimidiatus* Blackman may be a junior synonym).
References: (ds) Blackwelder 1947: 782; Ferrer 1942; Hagedorn 1910d: 75; Kleine 1913b: 141, 1914b: 351; Wood, S. L. 1982b: 1138. (tx) Blandford 1904: 241; Bright 1981d: 328; Hagedorn 1910a: 101; Schedl 1930: 196, 1940a: 348; Wood, S. L. 1982b: 1138.
- togonus** Eggers 1920: 35. Syntypes, sex?; Kete Kratje in Togo; 4 syntypes in MNB, Berlin, 2 in Eggers Collection, in NHMW, Wien.
Distribution: Africa (Ghana/ Togo/ Zaïre).
Hosts: *Carapa grandiflora*, *C. procera*, *Khaya ivorensis*, *Parinari holstii*.
Notes: (1) Schedl 1979: 253 (citation of holotype invalid).
References: (ce) Schedl 1958d: 188. (hb) Schedl 1962j: 21. (ds) Schedl 1962j: 21. (tx) Eggers 1920: 35, 1932d: 291; Schedl 1938a: 183, 1954e: 47, 1962j: 21, 1962k: 1080, 1979c: 253.
- toralis** Wood 1964: 59. Holotype ♀; Beaver Creek, Logan Canyon, Utah [USA]; Wood Collection.
Figures: Bright 1981d: 346.
Distribution: North America (Alberta, British Columbia in Canada/ California, Idaho, Oregon, Utah, Wyoming in USA).
Hosts: *Pinus albicaulis*, *P. flexilis*, *P. monticola*, rare in *P. contorta*.
References: (cn) Lindgren 1950a: 69. (hb) Bright & Stark 1973: 105; Lindgren 1950a: 69. (ds) Bright 1976d: 184, 1981d: 133; Bright & Stark 1973: 105; Wood, S. L. 1982b: 1054. (tx) Bright 1977: 518, 1981d: 133, 346; McNamara 1977: 198; Wood, S. L. 1964: 59, 1982b: 1054.
- confusus** Bright 1966b: 295 (*Myeloborus*). Holotype ♀; Mt. Tallac, Eldorado Co., California [USA]; OSUC, Columbus, preoccupied by Blandford 1904. Synonymy: Bright & Stark 1973: 105.
References: (tx) Bright 1966b: 295, 1977: 518; Bright & Stark 1973: 105.
- collinus** Bright 1968c: 605. Holotype ♀; Terrace Mt., 25 km W Nahm, Osoyoos District, British Columbia [Canada]; CNCI, Ottawa. Synonymy: Bright 1977: 518.
References: (ds) Bright 1976d: 181. (tx) Bright 1968c: 605–606, 1976d: 181, 1977: 518; de Ruelle 1970: 108.
- torridus** Wood 1972d: 76. Holotype ♀; 10 km W High Rolls, Lincoln National Forest, New Mexico, 2000 m [USA]; Wood Collection.
Distribution: North America (New Mexico in USA).
Hosts: *Frauseria* sp., probably *deltoides*.
References: (ds) Bright 1981d: 43; Wood, S. L. 1982b: 1117. (tx) Bright 1981d: 43; Wood, S. L. 1972d: 76, 1982b: 1117.
- tragardhi** Spessivtsev 1921a: 219. Syntypes, sex?; Hallnas in Norrland (Nord-Schweden); Spessivtsev Collection, not located.
Distribution: Asia (E USSR), Europe (Finland/ Norway/ Poland/ Sweden/ W USSR).
Hosts: *Picea abies*, *P. excelsa*, *P. obovata*.
References: (bv) Grune 1979: 121; Kangas 1980a: Kimeiski 1958: 74. (cn) Esterberg 1959; Juntinen 1960: 8; Kangas 1980a; Kontkanen 1932: 61; Kozikowsky 1929: 253; Wardle 1929: 322. (ce) Kangas 1946b: 23; Karpinski 1932a: 103; Lmidberg 1984; Nuorteva 1971; Saalas 1937: 154; Tragardh 1925a: 171. (hb) Karpinski 1933b: 30, 1955: 79; Karpinski & Postner 1974: 435; Stark 1952: 355; Strawinski 1948: 156; Spessivtsev 1921b: 219, 1923: 206, 1925d: 104, 1928a: 221; Stark 1952: 355. (ds) Bakke & Kvamme 1977; Bntovitsch & Heqvist 1947; Esterberg 1959; Florov 1949: 97; Grune 1979: 121; Hansen, V. 1939; Hellen 1947; Horion 1951; Karpinski 1931: 18, 28, 1932a: 103, 290, 1933b: 30, 1948b: 231, 1955: 79; Karpinski & Strawinski 1948: 156;

- Kinelski 1958: 74; Klefbeck & Sjöberg 1960: 230; Kleine 1934a: 161; Kontkanen 1932: 611; Krivolitskaya 1953; Kurenzov 1967; Lindberg & Saris 1952: 59; Lundberg 1981: 151; Numborg 1938: 126, 1954: 71, 1960b: 158–159; Nuorteva 1971: 67; Pfeiffer 1935: 158, 1976: 340; Postner 1974: 435; Stark 1931a: 26, 1931d: 548, 1952: 355; Yanovskii & Tegslizhargal 1955: 410; Zinovjev 1955: 187. **(tx)** Grme 1979: 121; Jansson 1936: 220; Karpinski & Strawinski 1948: 156; Numborg 1938: 126, 1954: 71; Pfeiffer 1927: 111–112, 1940b: 109, 112, 121, 1955a: 21, 1976: 340; Postner 1974: 435; Schedl 1934f: 1643; Sokanovskii 1929: 670–672, 1960: 677; Spessivtsov 1921a: 219–223, 1922a: 448, 488, 491, 1923: 206, 1925a: 183, 1925b: 27, 1925d: 104, 1926b: 50, 1929c: 298–303, 1931a: 65; Stark 1952: 355. **(ms)** Kozlowsky 1929: 253.
- treculiae** Schedl 1962k: 1080. Holotype ♂: Congo; Stanleyville; Schedl Collection in NHMW, Wien. Distribution: Africa (Zaire). Hosts: *Treculia africana*. References: **(hb)** Schedl 1962j: 22. **(ds)** Schedl 1962j: 22. **(tx)** Schedl 1962j: 22, 1962k: 1080, 1979c: 255.
- trepidus** Bright 1978: 83. Holotype ♀: Ukiah, California [USA]; USNM, Washington. Distribution: North America (California in USA). Hosts: *Pinus radiata*. References: **(ds)** Bright 1981d: 208; Wood, S. L. 1952b: 1041. **(tx)** Bright 1978: 83, 1981d: 208; McNameara 1984: 758; Wood, S. L. 1982b: 1041.
- trunculus** Bright 1985a: 470. Holotype ♀; Mexico: Estacion de Biologia, Chanchala, Edo. Jalisco; CNCI, Ottawa. Distribution: North America (Jalisco in Mexico). References: **(tx)** Bright 1985a: 470.
- tuberculatus** Eichhoff 1878b: 498. Holotype, sex?; California [USA]; Hamburg Museum, lost, neotype ♀; Black Hills, South Dakota [USA]; USNM, Washington, designated by Bright 1975: 72. Figures: Kusch 1967: 10. Distribution: North America (Alaska/ Alberta, British Columbia in Canada/ Baja California Norte, Coahuila, Durango, Nuevo Leon in Mexico/ Arizona, California, Colorado, Idaho, Montana, Nebraska, Nevada, New Mexico, Oregon, South Dakota, W Texas, Utah, Washington, Wyoming in USA). Hosts: *Pinus aristata*, *P. attenuata*, *P. cembroides*, *P. contorta*, *P. coulteri*, *P. edulis*, *P. flexilis*, *P. jeffreyi*, *P. monophylla*, *P. ponderosa*, *P. sabiniana*, *P. strobiformis*, rare in *Picea engelmannii*, *P. pungens*. Notes: (1) Schedl 1979c: 258 (invalid neotype designation). (3) Blackman 1928b: 92 (re-described), p. 94 (aberration named as var. *australis*, nomen nudum, no status). Bright 1981d: 153 (treated as a subspecies of *pulechellus* on basis of host hybridization; however, there is little or no intergradation between beetle populations). References: **(cn)** Blackman 1931c; Doane et al. 1936; Felt 1906: 753; Hopkins 1899: 443; Keen 1929: 53; Lindgren 1980a: 69; Ruppel 1967: 78; Schuder 1969: 77; Swaine 1918a: 96, 99. **(ce)** Blackman 1931c; Powell, J. M., Wong, & Melvin 1972: 15. **(hb)** Blackman 1931c; Bright & Stark 1973: 112; Chamberlin 1939: 384, 1955: 153; Doane et al. 1936; Keen 1929: 53; Lindgren 1980a: 69; Swaine 1918a: 96, 99. **(ds)** Atkinson & Equilina 1985c: 360, 1988: 96; Blatchley & Leng 1916: 635; Bright 1976d: 154, 1981d: 152; Bright & Stark 1973: 112; Chamberlin 1925, 1939: 384, 1955: 153; Elias 1982a, 1982b, 1983; Evans, D., Lowe, & Hunt 1978; Gast et al. 1989: 355; Hopkins 1893a: 132, 1893b: 209; Hopping 1922; Keen 1929: 53, 1929a: 33; Kleine 1913b: 141, 1914b: 391, 1934a: 161; Kusch 1967; Leng 1920: 341; McComb et al. 1953: 2; Patterson & Hatch 1945: 153; Ruppel 1967: 78; Schuder 1969: 77; Smith, G. S. 1930; Still, Tidsbury, & Melvin 1974a: 14; Swaine 1909: 140; Wood, S. L. 1948: 53, 1951a: 128, 1972a: 426, 1982b: 1092. **(tx)** Blackman 1928b: 92–94; Blatchley & Leng 1916: 635; Bright 1971b: 67–68, 1978: 73, 1981d: 152; Chamberlin 1939: 384, 1955: 153; Eichhoff 1878a: 388, 1878b: 498; Hagedorn 1910a: 101; Keen 1929a: 33; Kusch 1967: 10; Swaine 1909: 140, 1918a: 96, 99–102, 1925b: 193; Wood, S. L. 1951a: 128, 1972a: 426, 1982b: 1092.
- rugicollis** Swaine 1925b: 193. Holotype ♀; Glen Alpine, California [USA]; CNCI, Ottawa. Synonymy: Bright 1971b: 67. References: **(ds)** Leng & Mutchler 1933: 52. **(tx)** Blackman 1928b: 93–94; Bright 1967b: 678, 1971b: 67; de Ruette 1970: 111; Swaine 1925b: 193–194.
- tumidus** Blackman 1928b: 58. Holotype ♀; Eureka, California [USA]; USNM, Washington. Distribution: North America (N California in USA). References: **(hb)** Bright & Stark 1973: 108; Chamberlin 1939: 369. **(ds)** Bright 1981d: 229; Bright & Stark 1973: 108; Chamberlin 1939: 369; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1063. **(tx)** Blackman 1928b: 58; Bright 1981d: 229; Chamberlin 1939: 369; Wood, S. L. 1982b: 1063.
- turbiculus** Schedl 1938a: 187. Holotype, sex?; Brasilien; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: **(ds)** Blackwelder 1947: 782. **(tx)** Schedl 1938a: 187, 1966f: 86, 1979c: 259.
- tutulus** Bright 1986a: 643. Holotype ♀; Mexico: Jalapa, Veracruz; CNCI, Ottawa. Distribution: North America (Veracruz in Mexico). Hosts: *Rhus radicans*. References: **(tx)** Bright 1986a: 643.
- vegrandis** Bright 1986a: 643. Holotype ♀; Mexico: Chetumal, Quintana Roo; CNCI, Ottawa.

- Distribution: North America (Quintana Roo in Mexico).
References: (tx) Bright 1986a: 643.
- venezuelensis** Schedl 1935d: 91. Holotype ♂: Venezuela; Schedl Collection in NHMW, Wien.
Distribution: South America (Venezuela).
References: (ds) Blackwelder 1947: 782; Bright 1981d: 233; Wood, S. L. 1982b: 1059; (tx) Bright 1977: 518, 1981d: 233; de Ruelle 1970: 112; Schedl 1935d: 91, 1935a: 183, 1952k: 161, 1979c: 265; Wood, S. L. 1982b: 1059.
- venustus** Blackman 1928b: 75. Holotype ♀: Kaibab National Forest, Arizona [USA]; USNM, Washington.
Figures: Bright 1981d: 362.
Distribution: North America (British Columbia in Canada/ Arizona, California, Colorado, Idaho, Nebraska, New Mexico, South Dakota, Texas, Utah in USA).
Hosts: *Pinus aristata*, *P. contorta*, *P. conteri*, *P. jeffreyi*, *P. leiophylla*, *P. monticola*, *P. ponderosa*, *P. strobiformis*.
References: (hb) Chamberlin 1939: 377, 1958: 152; (ds) Chamberlin 1939: 377, 1958: 152; Keen 1929a: 32; Kleine 1934a: 161; Leng & Mutchler 1933: 52; (tx) Blackman 1928b: 75; Bright 1977: 518, 1981d: 362; Chamberlin 1939: 377, 1958: 152; Keen 1929a: 32.
- artifex** Blackman 1928b: 76. Holotype ♀; Meyers, California [USA]; USNM, Washington. Synonymy: Bright 1977: 518.
References: (hb) Bright & Stark 1973: 110; Chamberlin 1939: 378; (ds) Bright & Stark 1973: 110; Chamberlin 1939: 378; Keen 1929a: 32; Kleine 1934a: 158; Leng & Mutchler 1933: 52; (tx) Blackman 1928b: 76; Bright 1977: 518; Chamberlin 1939: 378; Keen 1929a: 32; McNamara 1984: 754.
- vesculus** Wood 1978b: 401. Holotype ♀; Ft. Clayton, Canal Zone, Panama; Wood Collection.
Distribution: North America (Panama).
Hosts: Log phloem.
References: (ds) Bright 1981d: 35; Wood, S. L. 1982b: 1135; (tx) Bright 1981d: 35; Wood, S. L. 1978b: 401, 1982b: 1135.
- verspertinus** Bright 1978: 83. Holotype ♀; 37 km W Durango, Durango, Mexico; Wood Collection.
Distribution: North America (Durango in Mexico).
Hosts: *Pinus* sp.
References: (ds) Atkinson & Equilma 1988: 100; Bright 1981d: 119, 1986: 684; Wood, S. L. 1982b: 1058; (tx) Bright 1978: 83, 1981d: 119; McNamara 1984: 758; Wood, S. L. 1982b: 1058.
- viminalis** Bright 1977: 530. Holotype ♀; Cerro Potosí, Nuevo Leon, Mexico; CNCI, Ottawa.
Distribution: North America (Nuevo Leon in Mexico).
Hosts: *Pinus culminicola*.
References: (ds) Bright 1981d: 173; Wood, S. L. 1982b: 1096; (tx) Bright 1977: 530, 1981d: 173; McNamara 1984: 755; Wood, S. L. 1982b: 1096.
- virilis** Blackman 1928b: 143. Holotype ♀; Vermego, New Mexico [USA]; USNM, Washington. Figures: Bright 1981d: 37, 335.
Distribution: North America (Chihuahua in Mexico/ Arizona, Colorado, S Idaho, Missouri, New Mexico, Texas, Utah, Wyoming in USA).
Hosts: *Rhus trilobata*.
References: (hb) Chamberlin 1939: 402, 1958: 160; (ds) Bright 1981d: 36; Chamberlin 1939: 402, 1958: 160; Devrup 1961b: 8; Kleine 1934a: 162; Leng & Mutchler 1933: 52; Wood, S. L. 1945: 55, 1951a: 128, 1960b: 69, 1972a: 427, 1982b: 1119; (tx) Blackman 1928b: 143, 1942a: 223; Bright 1977: 518, 1981d: 36-37, 335; Chamberlin 1939: 402, 1958: 160; de Ruelle 1970: 112; Wood, S. L. 1951a: 128, 1960b: 69, 1972a: 427, 1982b: 1119.
- fortis** Blackman 1928b: 142. Holotype ♀; Montell, Texas [USA]; USNM, Washington. Synonymy: Bright 1977: 518.
References: (hb) Chamberlin 1939: 402; (ds) Chamberlin 1939: 402; Kleine 1934a: 159; Leng & Mutchler 1933: 52; (tx) Blackman 1928b: 142, 1942a: 223; Bright 1977: 518; Chamberlin 1939: 402; de Ruelle 1970: 109.
- virtus** Schedl 1938a: 186. Holotype ♀; Venezuela; Schedl Collection in NHMW, Wien.
Distribution: South America (Venezuela).
References: (ds) Blackwelder 1947: 782; (tx) Schedl 1938a: 186, 1979c: 268.
- volvulus** Schedl 1965f: 10. Holotype, sex?; D. Ost Afrika, Usambara Kwai; Schedl Collection in NHMW, Wien.
Distribution: Africa (Kenya/ Tanzania/ Uganda).
Hosts: *Acacia* sp.
References: (ds) Schedl 1962j: 23; (tx) Schedl 1962j: 23, 1965f: 10, 1979c: 268.
- vrydaghi** Nunberg 1973: 13. Holotype ♂; Congo Belge, Parc National Virunga; MRCB, Tervuren.
Distribution: Africa (Zaire).
References: (tx) Nunberg 1973: 13.
- woodi** Bright 1977: 531. Holotype ♀; 11.5 km W Kingston, New Mexico [USA]; CNCI, Ottawa.
Distribution: North America (New Mexico in USA).
Hosts: *Pinus edulis* twigs.
References: (ds) Bright 1981d: 109; Wood, S. L. 1982b: 1039; (tx) Bright 1977: 531, 1981d: 109; McNamara 1984: 758; Wood, S. L. 1982b: 1039.
- zexmenivora** Bright 1985a: 471. Holotype ♀; Mexico; Pacluca, Edo, Hidalgo; CNCI, Ottawa.
Distribution: North America (Hidalgo in Mexico).
Hosts: *Zexmenia* sp.
References: (tx) Bright 1985a: 471.
- zonalis** Bright 1976c: 443. Holotype ♀; Jerome, Arizona [USA]; USNM, Washington.
Distribution: North America (Nuevo Leon in Mexico/ Arizona in USA).

Hosts: *Pinus combroides*, *P. ponderosa*.

References: **(ds)** Bright 1951d: 299; Wood, S. L. 1952b: 1111. **(tx)** Bright 1976c: 443, 1981d: 299; Wood, S. L. 1982b: 1111.

Cortlylini: Cortlylina

Cortlyli

References: LeConte 1876: 346–347.

Cortlylina

References: Wood, S. L. 1978a: 115, 1982b: 73, 1986a: 94, 98–100.

Gnathotrichina

References: Balachowsky 1949a: 241; Schedl 1958k: 144.

Genus *Gnathotrichus* Eichhoff

GNATHOTRICHUS EICHHOFF 1869a: 275. Type-species: *Gnathotrichus cortlyloides* Eichhoff = *Tomicus materiarius* Fitch, monobasic.

Gnathotrichoides Blackman 1931b: 267. Type-species: *Cryphalus sulcatus* LeConte, subsequent designation by Wood 1982b: 1155. Synonymy: Wood 1982b: 1155.

References: **(tx)** Blackman 1931b: 267; Wood, S. L. 1982b: 1155.

Aucyloderes Blackman 1938a: 205. Type-species: *Cryphalus pilosus* LeConte, original designation. Synonymy: Wood 1973c: 172.

References: **(hb)** Bright & Stark 1973: 116. **(ds)** Bright & Stark 1973: 116. **(tx)** Blackman 1938a: 205–206; Schedl 1950i: 146; Wood, S. L. 1966b: 18, 1973c: 172.

Paraxyleborus Hoffmann 1942: 72. Type-species: *Xyleborus duprezi* Hoffmann = *Tomicus materiarius* Fitch, monobasic. Synonymy: Balachowsky 1949a: 241.

References: **(tx)** Balachowsky 1949a: 241; Hoffmann 1942: 72, 1947: 47.

Prognathotrichus Bright 1972c: 1678. Type-species: *Prognathotrichus primus* Bright, original designation. Synonymy: Wood 1973c: 172.

References: **(tx)** Bright 1972c: 1678; Wood, S. L. 1973c: 172.

Keys: Blackman 1931b: 266, Wood 1982b: 1156. Notes: (1) Blackman 1931b (revision), Wood 1982b: 1155 (revision).

References: **(ay)** Browne 1961d: 49; Nobuchi 1969a: 67; Schedl 1931a: 1–88. **(bv)** Chapman, J. A. 1957: 3–4, 1962b: 88; Chapman, J. A. & Kinghorn 1958: 368; Moeck 1970b: 993; Vite 1975b, 1976. **(cn)** Drake 1921: 201–205; Hagle et al. 1987: 39; Johnson 1958a: 508–511, 1958b: 238; Kinghorn 1961; Snyder 1927: 1–46; Swaine 1913: 87–92. **(hb)** Bright & Stark 1973: 117; Schedl 1981b: 79; Wood, S. L. 1982b: 1155, 1986a: 98. **(ds)** Bright & Stark 1973: 117; Patterson & Hatch 1945: 152; Richmond 1953: 86–89; Schedl 1981b: 79; Swaine 1909: 108; Wood, S. L. 1982b: 1155, 1986a: 98. **(tx)** Arnett 1960: 1045,

1968: 1045; Balachowsky 1949a: 241; Beal & Massey 1945: 60, 120; Blackman 1922b: 98, 1928: 6–16, 1931b: 264–276, 1942a: 178; Blandford 1904: 246; Bright 1976d: 174; Bright & Stark 1973: 117; Chamberlin 1939: 325–332, 1958: 137–140; Dodge 1938: 18; Eichhoff 1869a: 275, 1878b: 405; Hoffmann 1947: 47; LeConte 1876: 350; LeConte & Horn 1883: 517; Schedl 1935h: 342, 1938a: 158–168, 1939b: 45–48, 1951m: 125, 1955g: 4, 1958k: 144, 1981b: 79; Swaine 1918a: 45, 90–91; Wood, S. L. 1961: 48, 1967d: 37–57, 1973c: 172, 1982b: 1155–1166, 1986a: 98–99.

alniphagus Wood 1984: 115. Holotype ♀; Fierro del Toro, Morelos, Mexico; Wood Collection.

Distribution: North America (Morelos in Mexico). Hosts: *Alnus firmifolia*.

References: **(hb)** Atkinson et al. 1986: 47. **(ds)** Atkinson & Equihua 1985a: 100; Atkinson et al. 1986: 47. **(tx)** Wood, S. L. 1984: 115.

consentaneus Blandford 1904: 247. Lectotype ♂; Totonicipán, Guatemala; BMNH, London, designated by Wood 1973c: 176.

Distribution: North America (Guatemala/ Chiapas in Mexico).

References: **(ds)** Blackwelder 1947: 782; Ferrer 1942; Hagedorn 1910d: 96; Kleine 1913b: 158, 1914b: 354. **(tx)** Blackman 1931b: 266; Blandford 1904: 247; Hagedorn 1910a: 147; Hopkins 1905b: 73; Schedl 1940a: 348, 1955g: 29, 1979c: 64; Wood, S. L. 1973c: 176.

deleoni Blackman 1942a: 227. Holotype ♂; Chalco, Distrito Federal, Mexico; USNM, Washington.

Distribution: North America (Distrito Federal, Durango, Mexico, Tlaxcala in Mexico).

Hosts: *Pinus leiophylla*, *P. montezumae*, *P.* spp. Notes: (3) Breeds in shaded-out limbs 7 cm in diameter or larger of living trees.

References: **(hb)** Atkinson et al. 1986: 47; Burgos & Saucedo 1983: 129; Wood, S. L. 1982b: 1161. **(ds)** Atkinson & Equihua 1985a: 99, 1988: 90; Atkinson et al. 1986: 47; Blackwelder 1947: 782; Burgos & Saucedo 1983: 99; Dominguez & Carrillo 1976: 141; Wood, S. L. 1982b: 1161. **(tx)** Blackman 1942a: 227; Wood, S. L. 1967d: 47, 1982b: 1161.

dentatus Wood 1967d: 45. Holotype ♀; 29 km W El Salto, Durango, Mexico; Wood Collection.

Figures: Wood 1967d: 46, 1982b: 1219 (declivity). Distribution: North America (Durango, Michoacan in Mexico).

Hosts: *Quercus* sp.

References: **(hb)** Atkinson et al. 1986: 47; Burgos & Saucedo 1983: 128. **(ds)** Atkinson & Equihua 1985a: 98; Atkinson et al. 1986: 47; Burgos & Saucedo 1983: 128; Wood, S. L. 1982b: 1158. **(tx)** de Ruelle 1970: 101; Wood, S. L. 1967d: 45–46, 1982b: 1158.

denticulatus Blackman 1931b: 270. Holotype ♀: Cloudercroft, New Mexico [USA]; USNM, Washington.

Distribution: North America (Chihuahua, Distrito Federal, Durango, Guerrero, Michoacan, Puebla, San Luis Potosi in Mexico/ Arizona, Colorado, SE Montana, New Mexico, South Dakota, W Texas, E Utah in USA).

Hosts: *Pinus ponderosa*, *P. strobiformis*, *P.* spp., rare in *Abies concolor*, *Picea engelmannii*.

References: (cn) Blackman 1931c: 35–36; Chamberlin 1939: 328–329; Keen 1938: 146; Schuder 1969: 74. (ce) Blackman 1931c: 35–36; Chamberlin 1939: 328–329; Keen 1938: 146; Massey 1961: 358. (hb) Blackman 1931c: 35–36; Chamberlin 1939: 328–329; Keen 1938: 146; Wood, S. L. 1982b: 1163. (ds) Atkinson & Equihua 1985c: 361; Chamberlin 1939: 328–329; Furniss, R. L. & Carolin 1977: 382; Gast et al. 1989: 384; Keen 1938: 146; Leng & Mutchler 1933: 94; Schuder 1969: 74; Snow 1853: 44, 1906: 175, 1907: 155; Wood, S. L. 1982b: 1163. (tx) Blackman 1931b: 270; Chamberlin 1939: 328–329; Hoffmann 1947; Wood, S. L. 1982b: 1163.

imitans Wood 1967d: 48. Holotype ♂: 5 km W El Salto, Durango, Mexico; Wood Collection.

Distribution: North America (Durango, Hidalgo, Mexico in Mexico/ Arizona, New Mexico in USA).

Hosts: *Pinus ponderosa*, *P.* sp.

References: (hb) Wood, S. L. 1982b: 1164. (ds) Furniss, R. L. & Carolin 1977: 382; Wood, S. L. 1982b: 1164. (tx) de Ruelle 1970: 101; Wood, S. L. 1967d: 48–49, 1982b: 1164.

materiaris (Fitch) 1858: 726 (*Tomicus*). Holotype ♀: New York [USA]; USNM, Washington.

Figures: Balachowsky 1949a: 231, 243, Blackman 1922b: pl. 9, fig. 49, Brakman 1966b: 52, Bright 1976d: 204, 213, Dillon & Dillon 1961: 801, Goyer et al. 1980: 21, Joly 1976b: 148, Postner 1974: 438.

Distribution: Antilles Islands (Dominican Republic), Europe (introduced: France/ Germany/ Netherlands), North America (New Brunswick, Nova Scotia, Ontario, Quebec in Canada/ Alabama, Arkansas, District of Columbia, Florida, Georgia, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Hampshire, New Jersey, New York, North Carolina, Oklahoma, Pennsylvania, South Carolina, South Dakota, E Texas, Virginia, Vermont, West Virginia, Wisconsin in USA).

Hosts: *Pinus echinata*, *P. ponderosa*, *P. strobus*, *P. taeda*, *Picea* spp., *Larix* sp., *Abies* sp., *Tsuga* sp.

Notes: (3) Blackman 1931b: 268 (redescribed).

References: (ay) Hopkins 1894g; Kaston 1936: 645; Schedl 1931a: 6–11; Thomas, J. B. 1957: 3, 1967. (bv) Atkinson, Foltz, & Connor 1985; Baker, W. L. 1972: 268; Barr, B. A. 1969: 641; Clemens 1916; Dixon & Payne 1979b; Grune 1979: 123;

Luitjes 1976; Turnbow & Franklin 1980. (cn) Anonymus 1962m; Balch 1945; Beal et al. 1952; Becker, W. D. 1955d, 1959b: 173–174, 1962, 1964e, 1966c; Becker, W. D. & Abbott 1956: 664–666, 1960: 46–47, 1961: 367, 1966; Blackman 1950; Chamberlin 1924, 1939: 327–328; Clemens 1916: 297; Connola et al. 1956: 1–36; Currie 1905: 70; Doane et al. 1936; Doom 1963: 420–423, 1967c; Felt 1901: 495–496, 1926: 247–248, 276, 1930a: 247–248, 276; Felt & Rankin 1932: 408; Fisher, Thompson, & Webb 1953, 1954b: 3–15; Fitch 1858; Gorman 1905: 69; Gause 1968: 454–456; Grandi 1951; Herrick 1935: 135; Hopkins 1894: 277, 1899c: 383, 434, 442, 1902c: 14, 1904a: 15; Hubbard 1897b: 30; Jablokoff 1953: 325; Joly 1976; Packard 1890: 718–720; Pierson 1927: 110; Rodary 1959: 850; Smith, J. B. 1901b: 92; Snyder 1927: 7; Swaine 1918a: 91; Swaine & Craighead 1924: 1–27. (ce) Batra 1963a: 481–487, 1963b: 216; Batra & Michie 1963: 477; Chamberlin 1939: 327–328; Dixon & Payne 1979b; Felt 1906: 371; Hines, J. W. & Heikkinen 1977; Hirschmann & Wisniewski 1982, 1983; Hurlbutt 1967; Luitjes 1976; Morley 1939: 244; Ogaz Ituarte & Cibrian 1980; Rodary 1959: 850; Roeper & French 1981; Rumbold 1931c: 849; Steinhaus 1946: 404; Tomalak, Welch, & Galloway 1989b: 27; Wichmann 1955a: 93, 103; Woodring & Moser 1970. (hb) Atkinson, Foltz, & Connor 1988; Baker, W. L. 1972: 268; Batra 1963b: 221; Beal & Massey 1945: 120–121; Blackman 1919a, 1950; Blandford 1894b; Chamberlin 1939: 327–328; Chittenden 1890, 1899a; Clemens 1916; Doane et al. 1936; Drooz 1985: 372; Felt 1906: 371, 1926: 247–248, 276, 1930a: 247–248, 276; Felt & Rankin 1932: 408; Fitch 1858; Grandi 1951; Herrick 1935: 135; Hopkins 1894g, 1899c: 383, 442, 1904a: 15; Hubbard 1897b: 30; Joly 1968: 508–511, 1976; Luitjes 1976; Morley 1939: 244; Ogaz Ituarte & Cibrian 1980; Ostmark 1968; Packard 1890: 718; Pierce, W. D. 1907: 290; Pierson 1927: 110; Postner 1974: 437; Schwarz 1888a: 80; Skinner 1905: 248; Swaine 1911b: 85, 1918a: 91; Wolcott & Montgomery 1933: 165; Wood, S. L. 1982b: 1160. (ds) Anonymus 1926c: 518, 1962m; Atkinson et al. 1991: 162; Bain 1974: 15; Baker, W. L. 1972: 268; Balachowsky 1949b; Beal & Massey 1945: 120–121; Beanhie 1956; Blackman 1950; Blandford 1894b; Blatchley & Leng 1916: 643; Brakman 1966a: 51, 1966b: 207; Bright 1976d: 176, 1985c: 176; Chamberlin 1925, 1939: 327–328; Chittenden 1890, 1899a: 55–61; Cockerell et al. 1907; Currie 1905; DeLeon 1942a; Deyrup 1981: 8; Dodge 1938; Doom 1967c: 143; Drooz 1985: 372; Fall & Cockerell 1907: 217; Felt 1906: 370, 1924: 276, 1926: 247–248, 276, 1930a: 247–248, 276; Felt & Rankin 1932: 408; Gauss 1968; Gemminger & Harold 1872: 268S; Glick 1939: 37; Grune 1979: 123; Hagedorn 1910d: 96; Hamilton 1895a: 346, 378; Harde 1967; Henshaw 1855: 147;

- Hoffmann 1956: 91; Hopkins 1893a: 125, 1893b: 205, 1902c: 14; Houghton 1905; Howden & Vogt 1951; Hubbard & Schwarz 1875a: 665; Jabllokoff 1953: 325; Joly 1965, 1976; Kamp 1979; Kirk 1970; Kleine 1913b: 155, 1914b: 393, 1934a: 171; Leng 1920: 340; Leonard 1928: 518; Lucht 1957: 275; MacGillivray, A. & Houghton 1902; Menier 1972; Morgan, Anne, Morgan, & Elias 1985: 1521; Ostmark 1965; Postner 1974: 437; Proctor 1946: 207; Provancher 1877: 566; Rodary 1959: 550; Saint-Albin 1949: 2; Schedl 1966d: 115, 1981b: 79; Schiender 1985; Schiender & Niederaachis 1985; Schwarz 1875d: 468, 1886: 40, 44, 1885a: 50; Smith, J. B. 1910: 401; Swaine 1909: 105, 1911b: 55; Timbrow & Franklin 1980; Ulke 1902: 56; Wichmann 1955a: 93, 103; Wickham 1896a: 309, 1896c: 165; Wolcott & Montgomery 1933: 165; Wood, S. L. 1977a: 70, 1982b: 1160, (tx) Balachowsky 1945: 140, 1949a: 242; Beal & Maasey 1945: 120–121; Benoit 1985: 119; Blackman 1922b: 95–96, 1931b: 264–265; Blandford 1894b; Blatchley & Leng 1916: 643; Brakman 1966b: 52; Bright 1976d: 176, 204, 213, 1985c: 176; Chamberlin 1939: 327–328; Clemens 1916; Dillon & Dillon 1961: 801, 811; Dodge 1938: 13; Eichhoff 1869a: 275, 1878b: 406; Fitch 1855: 726; Covey et al. 1980: 21; Grune 1979: 123; Hagedorn 1910: 147; Hoffmann 1947: 47, 1956: 91; Hopkins 1905b: 73; Hubbard 1897b: 30; Jacques 1951: 353; Joly 1976, 1976b: 145; LeConte 1865: 155, 1876: 350, 1875a: 465; Lucht 1987: 278; Postner 1974: 437; Provancher 1877: 566; Schedl 1931a: 6–7, 1981b: 79; Schwarz 1886: 40, 44; Swaine 1909: 108–109, 1915a: 91; Thomas, J. B. 1957: 3, 1967; Titus, Meikle, & Harrison 1985: 71; Wood, S. L. 1982b: 1160; Zimmermann 1868: 143, (ms) Eckstein 1900c.
- corthyloides* Eichhoff 1869a: 275. Synatypes, sex²: Carolina [USA]; Hamburg Museum, lost. Synonymy: Eichhoff 1875b: 406.
References: (ay) Schedl 1931a: 7, (ds) Leng 1920: 340; Swaine 1909: 108, (tx) Blackman 1931b: 264–265; Eichhoff 1869a: 275, 1875b: 406; Hopkins 1914: 122; LeConte 1876: 350; Schedl 1931a: 7; Swaine 1909: 108, 1915a: 91.
- duprezi* Hoffmann 1936: 43. Holotype ♀: Forêt du Ronvay, Seine-Inferieure, France; MNHN, Paris. Synonymy: Balachowsky 1949a: 242.
References: (ds) Duprez 1938a; Hoffmann 1936; Sainte-Claire & Mequignon 1938: 449, (tx) Balachowsky 1945: 140, 1949a: 242; Hoffmann 1936: 43, 1942: 72, 1947: 47; Wood, S. L. 1982b: 1160.
- nimifrons* Wood 1967d: 47. Holotype ♀: 29 km W El Salto, Durango, Mexico; Wood Collection.
Distribution: North America (Durango, Puebla in Mexico/ Arizona in USA).
Hosts: *Quercus* sp.
References: (hb) Wood, S. L. 1982b: 1159, (ds)
- Atkinson & Equilma 1985a: 99; Furniss, R. L. & Carolin 1977: 382; Wood, S. L. 1982b: 1159, (tx) Wood, S. L. 1967d: 47, 1982b: 1159.
- nitidifrons* Hopkins 1905b: 72. Holotype ♀: Michoacan, Mexico; USNM, Washington.
Distribution: North America (Guatemala/ Durango, Hidalgo, Mexico, Michoacan in Mexico).
Hosts: *Pinus cooperi*, *P. leiophylla*, *P. montezumae*.
References: (ay) Thomas, J. B. 1967, (hb) Wood, S. L. 1982b: 1161, (ds) Atkinson & Equilma 1985a: 99, 1985c: 361, 1988: 90; Blackwelder 1947: 752; Ferrer 1942; Hagedorn 1910d: 97; Kleine 1913b: 155, 1914b: 354, 1934a: 171; Wood, S. L. 1982b: 1161, (tx) Blackman 1931b: 266; Hagedorn 1910a: 147; Hopkins 1905b: 72; Schedl 1940a: 345, 1948f: 265, 1979c: 169; Thomas, J. B. 1967.
- obscurus* Wood 1974a: 55. Holotype ♀: 9 km NE Tezuitlan, Puebla, Mexico; Wood Collection.
Distribution: North America (Puebla, Tlaxcala in Mexico).
Hosts: *Quercus* sp.
References: (hb) Wood, S. L. 1982b: 1158, (ds) Wood, S. L. 1974a: 55, 1982b: 1158, (tx) Wood, S. L. 1974a: 55, 1982b: 1158.
- omissus* Wood 1974a: 57. Holotype ♀: Volcan Irazu, Cartago, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica/ Guatemala).
Hosts: *Orocopanax nubigenus*.
References: (hb) Wood, S. L. 1982b: 1165, (ds) Atkinson & Equilma 1988: 90; Wood, S. L. 1982b: 1165, (tx) McNamara 1984: 753; Wood, S. L. 1974a: 56–57, 1982b: 1165.
- perniciosus* Wood 1967d: 47. Holotype ♂: 9 km S Carapan, Michoacan, Mexico; Wood Collection.
Distribution: North America (Honduras/ Chiapas, Chihuahua, Distrito Federal, Jalisco, Michoacan, Morelos in Mexico).
Hosts: *Pinus chiapensis*, *P. leiophylla*, *P. montezuma*, *P. oocarpa*, *P. pseudostrabus*, *P.* spp.
References: (hb) Atkinson et al. 1986: 49; Burgos & Saucedo 1984: 129; Wood, S. L. 1982b: 1162, (ds) Atkinson & Equilma 1985a: 99, 1985c: 361; Atkinson et al. 1986: 49; Burgos & Saucedo 1984: 129; Furniss, R. L. & Carolin 1977: 382; Schedl 1977c: 42; Wood, S. L. 1982b: 1162, (tx) Wood, S. L. 1967d: 47–48, 1982b: 1162.
- pilosus* (LeConte) 1868: 156 (*Cryphalus*). Lectotype, sex[?]: middle California [USA]; MCZ, Cambridge, designated by Wood 1982b: 1160.
Distribution: North America (Durango in Mexico/ Arizona, S California, S Nevada, New Mexico in USA).
Hosts: *Quercus* sp. limbs (Keen 1929a: 34); commonly collected at light.
Notes: (1) Blackman 1938: 204 (*pilosulus* an invalid spelling), Wood 1973: 172 (to *Gnathotrichus*), (3) Blackman 1938a: 205 (re-described, cited in *Ancyloderes*).
References: (cn) Swaine 1918a: 94, (hb) Bright &

- Stark 1973: 116; Chamberlin 1939: 324–325; Swaine 1915a: 94. **(ds)** Blackwelder 1939; Bright & Stark 1973: 116; Chamberlin 1939: 324–325; Gemminger & Harold 1872: 268S; Hagedorn 1910d: 73; Henshaw 1852: 26S, 1855: 147; Keen 1929c: 34; Kleine 1914b: 391; Leng 1920: 340; Snow 1906: 175; Swaine 1909: 136; Wood, S. L. 1952b: 1160. **(tx)** Blackman 1921: 14S, 1931a: 225, 1935a: 205–206; Chamberlin 1939: 324–325; Hagedorn 1910a: 101; Keen 1929: 34; LeConte 1868: 154, 156, 1876: 351; Swaine 1909: 136, 1915a: 94; Wood, S. L. 1966b: 18–21, 1952b: 1162. *saltoni* Blackman 1935a: 206. Holotype, sex?: Flagstaff, Arizona [USA]; USNM, Washington. Synonymy: Wood 1966b: 21. References: **(ds)** Blackwelder 1939; Chamberlin 1939: 325. **(tx)** Blackman 1935a: 206; Chamberlin 1939: 325; Wood, S. L. 1966b: 21.
- primus (Bright)** 1972c: 167S (*Prognathotrichus*). Holotype ♂: Mt. Tzontehuitz, Chiapas, Mexico; CNCI, Ottawa. Figures: Bright 1972c: 167S. Distribution: North America (Chiapas in Mexico). Hosts: Probably *Quercus* sp. References: **(ds)** Wood, S. L. 1952b: 1158. **(tx)** Bright 1972c: 167S; McNamara 1977: 198; Wood, S. L. 1973c: 172, 1952b: 1158.
- retusus (LeConte)** 1868: 155 (*Cryphalus*). Lectotype ♀: California [USA]; MCZ, Cambridge, designated by Wood 1952b: 1163. Figures: Blackman 1931b: 270. Distribution: North America (British Columbia in Canada/ Baja California Norte in Mexico/ California, Idaho, Montana, Nevada, Oregon, NW Utah, Washington in USA). Hosts: *Alnus* sp. (Oregon, Washington only), *Picea engelmannii*, *Pinus contorta*, *P. flexilis*, *P. jeffreyi*, *P. lambertiana*, *P. radiata*, *P. ponderosa*, *Populus trichocarpa* (accidental), *Pseudotsuga menziesii*, *Abies concolor*, *A. magnifica*, *Tsuga heterophylla*. Notes: (3) Blackman 1931b: 271 (*occidentalis* Hopkins, nomen nudum, synonymy). References: **(ay)** Farris 1963: 257; Farris & Funk 1965: 527; Hopkins 1894g; Schedl 1931a: 11; Schneider 1976; Schneider & Rudinsky 1969a, 1969b; Thomas, J. B. 1967. **(bv)** Barr, B. A. 1969: 641; Borden 1954; Borden, Lindgren, & Chong 1950; Borden & McLean 1979; Borden et al. 1950, 1951; Buttrick 1912: 457; Chapman 1963: 675, 1966: 54; Inscoc 1952; Jacobson 1965, 1972; Johnston, B. D. & Slessor 1979; Klassen, Ridgway, & Inscoc 1952; Lindgren 1953; Lindgren et al. 1952, 1953; Liu & McLean 1959; Moeck, Wood, & Lindahl 1951; Nijholt 1950; Ohmart & Voigt 1952: 340; Rudinsky 1966b: 356–361, 1966c: 218–219; Rudinsky & Daterman 1964: 1339; Rudinsky & Schneider 1969a: 1248–1255; Schneider & Rudinsky 1969a: 27–39, 1969b: 995–1003; Shore & McLean 1953: 3, 1955; Zhong & Schowalter 1959. **(cn)** Chamberlin 1924, 1939: 328–329; Essig 1926: 519, 1955: 519; Fall & Cockerell 1907: 217; Felt 1906: 752; Graham 1953; Gray & Borden 1955; Hatch 1935: 194; Hopkins 1902: 14, 1904a: 15; Johnson 1955a: 50S; Keen 1929c: 56, 1935: 146; Lindgren 1950a: 63, 1953; Lindgren & Borden 1953; Lindgren et al. 1953; McLean & Borden 1977b; McMullan 1956: 34; Mohar et al. 1969: 117, 1970: 104; Mohar, Ross, & Fiddick 1971: 51; Nijholt 1975a: 1950; Prebble 1944: 50, 1954: 220; Prebble & Graham 1957: 90–112; Ruppel 1967: 47; Shore 1955; Shore & McLean 1955; Silver & Ross 1955: 79, 1960: 95; Stevens, Brewer, & Leatherman 1950: 27; Swaine 1914: 33, 37, 40, 1915a: 90, 91. **(cc)** Borden et al. 1951; Chamberlin 1915a, 1939: 328–329; Chate-lain & Schenk 1953; Deyrup & Gara 1975: 274; Farris 1963; Farris & Funk 1965: 527; Felt 1906: 751; Keen 1935: 146; McLean & Borden 1977; Nakashima 1975: 4; Nijholt 1950, 1951; Ohmart & Voigt 1952: 340; Otvos 1977; Roeper & French 1951; Rudinsky & Schneider 1969a; Schneider 1976; Shore 1955; Steinhaus 1946: 404; Stephen & Dahlsten 1976b: 292. **(hb)** Blandford 1894b; Bright & Stark 1973: 117; Chamberlin 1939: 328–329, 1955; Essig 1926: 519, 1955: 519; Felt 1906: 751; Gast et al. 1959: 355; Hopkins 1894g, 1904a: 15; Johnson 1955a: 50S, 1955b: 237; Keen 1929c: 56, 1935: 146; Kimmey 1943: 22; Lindgren 1950a: 63; Nijholt 1975a; Rudinsky & Schneider 1969a; Shore 1955; Stevens, Brewer, & Leatherman 1950: 27; Swaine 1915a: 90–91. **(ds)** Blandford 1894b; Bright 1976d: 176; Bright & Stark 1973: 117; Chamberlin 1917: 325, 1915a: 39, 1925, 1939: 328–329, 1955: 138–139; Chapman 1963: 675; Cockerell et al. 1907; Essig 1926: 519, 1955: 519; Evans, D. 1953: 32, 1955; Furniss, M. M. & Furniss 1972; Furniss, R. L. & Carolin 1977: 351; Gemminger & Harold 1872: 268S; Hagedorn 1910d: 97; Henshaw 1852: 26S, 1855: 147; Hopkins 1893a: 12S, 1893b: 20S, 1894: 277; Hopping 1922; Keen 1929a: 35, 1929c: 56–57, 1935: 146, 1949a: 93; Kleine 1913b: 15S, 1914b: 399, 1934a: 171; Lange 1937: 174; Leng 1920: 340; Marchant & Borden 1976; McComb et al. 1953: 4; Miller, S. E. 1953: 99; Murayama 1957a: 37; Nijholt 1950; Ohmart & Voigt 1952: 340; Patterson & Hatch 1945: 152; Rudinsky & Schneider 1969a: 1248–1255; Ruppel 1967: 47; Schedl 1972a: 144; Shore 1955; Smith, G. S. 1930; Swaine 1909: 10S, 1914: 33; Wickham 1896a: 309; Wood, S. L. 1951a: 12S, 1972a: 42S, 1977d: 512, 1952b: 1163. **(tx)** Blackman 1931b: 270–271; Blandford 1894b; Bright 1976d: 176; Chamberlin 1939: 328–329, 1955: 138–139; Eichhoff 1875b: 407, 511; Evans, D. 1953: 32; Hagedorn 1910a: 147; Hopkins 1905b: 73; Johnson 1955b: 237; Keen 1929a: 35; LeConte 1868: 155, 1876: 350; Schedl 1931a: 11, 1935a: 160, 164; Swaine 1909: 10S, 1915a: 90–91; Thomas, J. B. 1967; Wood, S. L. 1972a: 42S.

1952b: 1163. (**ms**) Hatch 1935: 194; Johnston, B. D. & Slessor 1979; Lindgren B. et al. 1952; Prebble 1944: 50.

alni Blackman 1931b: 271. Holotype ♀; Hoquiam, Washington [USA]; USNM, Washington. Synonymy: Wood 1977d: 512.

Notes: (3) The closest relative of *retusus* is *alni*phagus Wood; perhaps the original host of *retusus* was *Alnus* and the adaptation to conifers was secondary, but the original habit persisted in parts of Oregon and Washington (SLW).
References: (**cn**) Chamberlin 1939: 330; Hatch 1935: 194; Keen 1935: 146; Kinghorn 1957b: 213; Ruppel 1967: 47. (**ec**) Chamberlin 1939: 330; Keen 1935: 146. (**hb**) Chamberlin 1939: 330, 1955: 139; Keen 1935: 146. (**ds**) Chamberlin 1939: 330, 1955: 139; Furniss, R. L. & Carolin 1977: 382; Keen 1935: 146; Leng & Mutchler 1933: 94; Patterson & Hatch 1945: 152; Ruppel 1967: 47. (**tx**) Blackman 1931b: 271; Chamberlin 1939: 330, 1955: 139; Schedl 1979c: 16; Wood, S. L. 1977d: 512.

sulcatus (LeConte) 1865: 155 (*Cryphalus*). Holotype ♀; middle California [USA]; MCZ, Cambridge.

Figures: Atkinson et al. 1956: 48; Blackman 1931b: 273 (antenna), Bright & Stark 1973: 163; Furniss & Carolin 1977: 391. Schwerdtfeger 1960b: 254–257; Shore 1985.

Distribution: North America (British Columbia in Canada/ El Salvador/ Guatemala/ Honduras/ Distrito Federal, Durango, Hidalgo, Michoacan, Puebla, Tlaxcala, Veracruz in Mexico/ Arizona, California, Colorado, Idaho, Nevada, New Mexico, Oregon, South Dakota, Utah, Washington in USA).

Hosts: *Abies concolor*, *A. magnifica*, *A. religiosa*, *Pinus leiophylla*, *P. montezumae*, *P. ponderosa*, *P. pseudostrobus*, *P.* spp., *Pseudotsuga menziesii*, *Tsuga heterophylla*.

Notes: (3) Blackman 1931b: 274 (re-described).
References: (**ay**) Farris 1963: 257; Farris & Funk 1965: 527; Schedl 1931a: 13; Schneider 1976; Schneider & Rudinsky 1969a, 1969b; Thomas, J. B. 1967. (**bv**) Barr, B. A. 1969: 641; Borden 1984; Borden, Lindgren, & Chong 1980; Borden & McLean 1979; Borden & Stokkink 1973; Borden et al. 1976, 1980: 108, 1981; Byrne et al. 1974; Cade 1970, 1971; Cade, Hrudford, & Gara 1970: 1014–1015; Chapman 1966: 55; Gagne & Kearby 1978: 1012; Grossman 1988: 9; Inscoc 1982; Inscoc & Beroza 1976: 147; Jacobson 1965, 1972; Johnson 1960b: 4; Johnson, Wright, & Orr 1961: 8; Kinghorn & Chapman 1957: 48; Klassen, Ridgeway, & Inscoc 1982; Lindgren 1983, 1984; Lindgren et al. 1983; Liu & McLean 1989; McLean 1976b, 1980a, 1988; McLean & Borden 1975a, 1975b, 1977a, 1977b, 1979; Moeck 1970b: 993, 1971; Mori 1975c; Nijholt 1980; Oda 1974;

7; Payne & Wood 1981: 492; Plummer et al. 1976; Prebble & Graham 1957: 93; Renwick, Vite, & Billings 1977; Roelofs 1978; Rudinsky 1966b: 356–361, 1966c: 218–219; Rudinsky & Daterman 1964: 1339; Rudinsky & Schneider 1969a: 1245–1255; Schneider & Rudinsky 1969a: 995–1003, 1969b: 27–39; Schuler & Slessor 1977; Shore & McLean 1983; Silverstein 1974; Silverstein & Young 1976: 20; Wood, D. L. 1975, 1979a, 1980b; Wright, R. H. 1974: 134; Zammicio 1981b, 1983; Zhong & Schowalter 1989. (**cn**) Atkins 1976; Boocock 1959d; Boyce 1929; Buttrick 1912: 457; Chamberlin 1915: 40, 1924, 1939: 331–332; Currie 1905: 70; Doane et al. 1936; Essig 1926: 519, 1958: 519; Fiddick & Van Sickle 1980: 20; Fisher, Thompson, & Webb 1953, 1954b: 3–15; Graham 1953, 1963; Graham et al. 1950: 43–44, 48; Gray 1985; Hatch 1935: 194; Hopkins 1902c: 14, 1904a: 15; Hopping & Jenkins 1933: 1–14; Janssen 1955: 10–14; Jardine 1969: 48; Johnson 1955a: 508; Keen 1929c: 56, 1935: 144, 146; Kinghorn 1957b: 213; Lindgren 1980a: 63, 1983, 1984; Lindgren & Borden 1982; Lindgren et al. 1983; Mathers 1935: 14; McBride, C. F. 1950: 46; McBride, C. F. & Kinghorn 1960: 40–52; McLean 1976b, 1980a, 1980b, 1985, 1988; McLean & Borden 1975a, 1975b, 1977a, 1977b, 1979; McMullan 1956: 34–43; Nijholt 1975a, 1980; Ostaff 1974; Payne & Wood 1981: 492; Prebble 1944: 50, 1954: 220; Roelofs 1978; Rudinsky, Terriere, & Allen 1960: 949; Ruppel 1967: 47; Schuler 1969: 74; Schuler & Slessor 1977; Schwerdtfeger 1960b; Shea & Johnson 1962: 5; Shore & McLean 1983; Stevens, Brewer, & Leatherman 1980: 27; Struble 1937d: 11, 1957: 14; Swaine 1914: 37–38, 1918a: 91; Thatcher, T. O. 1961; Wood, D. L. 1979a, 1980b. (**ec**) Becker 1953: 361, 1955; Borden et al. 1981; Cade 1970, 1971; Chamberlin 1918a, 1939: 331–332; Deyrup & Gara 1978: 275; Farris 1963; Farris & Funk 1965: 527; Funk, A. 1970: 1445–1448, 1973; Keen 1935: 144, 146; Kinghorn 1956: 4, 1957a: 3; McLean & Borden 1977a, 1977b; Nakashima 1975: 4; Nijholt 1980; Ostaff 1974; Roeper & French 1981; Rudinsky & Schneider 1969a; Rumbold 1931c: 849; Schneider 1976; Struble 1957: 14; Webb 1945: 71; Wichmann 1955a: 93, 103. (**hb**) Atkinson & Equilma 1985a: 100; Atkinson et al. 1956: 49; Becker, G. 1953, 1955; Bright 1976d: 174; Bright & Stark 1973: 118; Burgos & Sancedo 1983: 130; Cade 1970, 1971; Chamberlin 1939: 331–332, 1958: 139–140; DeLeon 1952: 78–79; Doane & Gilliland 1929: 920–921; Doane et al. 1936; Essig 1926: 519, 1958: 519; Graham 1963; Hopkins 1904a: 15; Johnson 1955a: 508–511, 1955b: 237; Kalshoven 1962: 12; Keen 1929c: 56, 1938: 144, 146; Kimmey & Furniss 1943: 22–23; Lindgren 1980a: 63; McLean 1980a, 1988; McLean & Bennett 1978; McLean & Borden 1977; Nijholt 1978a, 1983; Ostaff 1974;

Pierce, W. D. 1907: 290; Prebble & Graham 1957: 93–112; Rudinsky & Schneider 1969a; Schwerdtfeger 1960b: 254; Stevens, Brewer, & Leatherman 1980: 27; Struble 1937d: 11, 1957: 14; Swaine 1915a: 91; Thatcher, T. O. 1953; Zamunio 1951b, 1953. (**ds**) Atkinson & Equihua 1955a: 100, 1955c: 361, 1958: 90; Atkinson et al. 1956: 49; Bain 1974: 15; Becker, C. 1953; Blackwelder 1947: 752; Bright 1976d: 174; Bright & Stark 1973: 118; Burgos & Sancedo 1953: 130; Chamberlin 1917: 325, 1918a, 1925, 1939: 331–332, 1958: 139–140; Choo & Woo 1953; Cockerell et al. 1907; Currie 1905: 70; DeLeon 1952; Dominguez & Carrillo 1976: 141; Essig 1926: 519, 1958: 519; Evans, D. 1953; Fall & Cockerell 1907: 217; Furniss, M. M. 1975; Furniss, R. L. & Carolin 1977: 351; Gemminger & Harold 1872: 2689; Hagedorn 1910d: 97; Henshaw 1882: 269; Hopkins 1902c: 14; Hopping 1922; Keen 1929a: 35, 1926c: 56, 1938: 144, 146; Kleine 1913b: 158, 1914b: 354, 391, 1934a: 171; Leng 1920: 340; Marchant & Borden 1976; McLean & Bennett 1978; McLean & Borden 1977; Murayama 1957a: 37; Nijholt 1980; Patterson & Hatch 1945: 152; Rudinsky & Schneider 1969a; Ruppel 1967: 47; Schedl 1940a: 348, 1963c: 158, 1977e: 43; Schuder 1969: 74; Schwerdtfeger 1960b; Swaine 1909: 108, 1914: 38; Thatcher, T. O. 1961; Thomas, J. B. 1966; Wichmann 1955a: 93, 103; Wood, S. L. 1952b: 1164. (**tx**) Atkinson et al. 1956: 48; Blackman 1931b: 274–275; Bright 1976d: 174; Bright & Stark 1973: 163; Chamberlin 1939: 331–332, 1958: 139–140; Eichhoff 1875b: 408, 512; Evans, D. 1953: 32; Furniss, R. L. & Carolin 1977: 391; Hagedorn 1910a: 147; Hopkins 1905a: 73; Hopping & Jenkins 1933; Johnson 1958b: 237; Keen 1929: 35; LeConte 1868: 154–155, 1876: 350; Schedl 1931a: 13, 1940a: 348, 1955g: 18, 29; Schwerdtfeger 1960b: 254–257; Shore 1955; Swaine 1909: 109–110, 1915a: 91; Thomas, J. B. 1967; Wood, S. L. 1977d: 513, 1982b: 1164. (**ms**) Boocock 1959d; Hatch 1938: 194; Kinghorn 1957b: 213; McLean & Bennett 1978; Mori 1975c; Prebble 1944: 50.

aciculatus Blackman 1931b: 272. Holotype ♀; Clundercroft, New Mexico [USA]; USNM, Washington. Synonymy: Wood 1977c: 513. References: (**cn**) Blackman 1931c; Doane et al. 1936; Keen 1938: 146; Schuder 1969: 74. (**cc**) Blackman 1931c; Keen 1938: 146. (**hb**) Baker, W. L. 1972: 268; Blackman 1931c; Chamberlin 1939: 330–331; Doane et al. 1936; Keen 1938: 146. (**ds**) Chamberlin 1939: 330–331; Keen 1938: 146; Leng & Mutchler 1933: 95; Schuder 1969: 74. (**tx**) Blackman 1931b: 272; Chamberlin 1939: 330–331; Schedl 1955g: 29, 1979e: 10; Wood, S. L. 1977d: 513.

Genus *Gnathotrupes* Schedl

GNATHOTRUPES SCHEDL 1951m: 125. Type-species: *Gnathotrupes bolivianus* Schedl, monobasic.

Gnathotrypanus Wood 1968b: 9. Type-species: *Gnathotrypanus terebratus* Wood, original designation. Synonymy: Wood 1973c: 172.

References: (**tx**) Wood, S. L. 1968b: 9, 1973c: 172.

Gnathocortus Schedl 1975d: 11. Type-species: *Gnathocortus caliculus* Schedl, original designation. Synonymy: Wood 1984b: 225.

References: (**tx**) Schedl 1975d: 11; Wood, S. L. 1984b: 225.

Gnathomimus Schedl 1975d: 12. Type-species: *Gnathomimus nothofagi* Schedl, original designation. Synonymy: Wood 1984b: 225.

References: (**tx**) Schedl 1975d: 12; Wood, S. L. 1984b: 225.

Gnathoglochinus Schedl 1975d: 16. Type-species: *Gnathoglochinus impressus* Schedl, original designation. Synonymy: Wood 1984b: 225.

References: (**tx**) Schedl 1975d: 16; Wood, S. L. 1984b: 225.

Keys: Wood 1982b: 1167 for Central America.

References: (**hb**) Wood, S. L. 1982b: 1166, 1986a: 99. (**ds**) Browne 1970: 448; Schedl 1951m: 125; Wood, S. L. 1973c: 172, 1982b: 116, 1986a: 99. (**tx**) Browne 1970: 555; Schedl 1951m: 125; Wood, S. L. 1973c: 172, 1982b: 1166–1170, 1986a: 99.

barbifer (Schedl) 1967d: 13 (*Gnathotrichus*). Holotype, sex?, Chiloe, Chile; Schedl Collection in NHMW, Wien.

Distribution: South America (Chile).

Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*).

References: (**ds**) Schedl 1972d: 145. (**tx**) Schedl 1967d: 13, 1972d: 145, 1979c: 34; Wood, S. L. 1973c: 172.

bituberculatus (Blandford) 1904: 248 (*Gnathotrichus*). Lectotype ♀; Pirulha, Baja Verapaz, Guatemala; BMNH, London, designated by Wood 1982b: 1168.

Distribution: North America (El Salvador/ Guatemala/ Veracruz in Mexico).

Hosts: *Iuga* sp., *Quercus* sp.

Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*).

References: (**ds**) Blackwelder 1947: 752; Hagedorn 1910d: 96; Kleine 1914b: 368. (**tx**) Blackman 1931b: 266; Blandford 1904: 248; Hagedorn 1910a: 147; Schedl 1955g: 29; Wood, S. L. 1973c: 172, 1982b: 1168–1169.

impressus Schedl 1977e: 44 (*Gnathotrichus*).

Holotype ♀; El Salvador, Metapan, 1600–2200 m; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1975. Synonymy: Wood 1989: 173.

References: (**tx**) Schedl 1977e: 44; Wood, S. L. 1989: 173.

- bolivianus** **Schedl** 1951m: 126. Holotype ♀; Bolivia; Schedl Collection in NHMW, Wien.
Distribution: South America (Bolivia).
References: (tx) Schedl 1951m: 126, 1979c: 43.
- caliculus** (**Schedl**) 1975d: 12 (*Gnathocortus*). Holotype ♂; Argentinien, Nahuel Huapi National Park; Schedl Collection in NHMW, Wien.
Figures: Schedl 1975k: 13.
Distribution: South America (Argentina).
Hosts: *Nothofagus dombeyi*.
Notes: (3) Wood 1954b: 225 (to *Gnathotrupes*).
References: (ay) Nannam-Etienne 1975b, (hb) Nannam-Etienne 1975b, (ds) Nannam-Etienne 1975b, (tx) Schedl 1975d: 11, 1975k: 13, 1979c: 50; Wood, S. L. 1954b: 225.
- castaneus** (**Schedl**) 1972d: 145 (*Gnathotrichus*). Holotype ♂?; Chile; Schedl Collection in NHMW, Wien.
Distribution: South America (Chile).
Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*).
References: (tx) Schedl 1972d: 145, 1979c: 54; Wood, S. L. 1973c: 172.
- cirratns** **Schedl** 1975d: 5. Holotype ♀; Argentinien, Nahuel Huapi National Park; Schedl Collection in NHMW, Wien.
Distribution: South America (Argentina).
Hosts: *Nothofagus dombeyi*.
References: (tx) Schedl 1975d: 5, 1979c: 58.
- colaphus** **Wood** 1959: 181. Holotype ♀; La Carbonera Experimental Forest, 50 km W Merida, Merida, Venezuela; Wood Collection.
Distribution: South America (Venezuela).
Hosts: *Nectandra* sp., etc.
References: (tx) Wood, S. L. 1959: 181.
- consobrinus** (**Eichhoff**) 1875b: 409. *America meridionalis* (Chili); Hamburg Museum, lost.
Distribution: South America (Chile).
Notes: (1) Schedl 1972: 150, Wood 1973: 172 (to *Gnathotrupes*).
References: (ds) Blackwelder 1947: 752; Hagedorn 1910d: 96; Kleine 1914b: 332; Schedl 1972d: 151, (tx) Blackman 1931b: 266; Eichhoff 1875b: 409; Hagedorn 1910a: 147; Schedl 1939h: 47, 1951m: 122, 1972d: 151; Wood, S. L. 1973c: 172.
- crecentus** **Wood** 1974a: 56. Holotype ♀; Volcan, Puntarenas, Costa Rica, 1000 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: Tree limb.
References: (tx) Wood, S. L. 1974a: 56, 1982b: 1169–1170.
- dilutus** **Wood** 1974a: 56. Holotype ♀; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: *Miconia caudata*.
References: (hb) Wood, S. L. 1982b: 1169, (ds) Wood, S. L. 1982b: 1169, (tx) Wood, S. L. 1974a: 56, 1982b: 1169.
- electus** (**Wood**) 1968b: 10 (*Gnathotrypanus*). Holotype ♀; Rincon de Osa, Puntarenas, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: Tree limb.
Notes: (1) Wood 1968b: 10, 1982b: 1168 (to *Gnathotrupes*).
References: (ds) Wood, S. L. 1982b: 1168, (tx) Wood, S. L. 1968b: 10, 1973c: 172, 1982b: 1168.
- fimbriatus** (**Schedl**) 1955e: 259 (*Gnathotrichus*). Lectotype ♀; Chile, P. Arenas, Sud-Chile, Termas de Puyehue; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 152.
Distribution: South America (Chile).
Notes: (1) Wood 1966b: 23 (to *Gnathotrupes*).
References: (ds) Schedl 1950c: 160, (tx) Schedl 1955e: 256, 259, 1972d: 152, 1979c: 97; Wood, S. L. 1966b: 23, 1973c: 172.
- frontalis** (**Schedl**) 1972d: 146 (*Gnathotrichus*). Holotype ♂; Sudchile, Puerto Puyuluapi; Schedl Collection in NHMW, Wien.
Distribution: South America (Chile).
Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*).
References: (tx) Schedl 1972d: 146, 1979c: 100; Wood, S. L. 1973c: 172.
- herbertfranzi** (**Schedl**) 1972d: 147 (*Gnathotrichus*). Holotype ♂; S. Chile, Umg. Malacahuello; Schedl Collection in NHMW, Wien.
Distribution: South America (Chile).
Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*).
References: (ds) Schedl 1950c: 159, (tx) Schedl 1972d: 147, 1979c: 116; Wood, S. L. 1973c: 172.
- impressus** (**Schedl**) 1975d: 17 (*Gnathoglochinus*). Holotype ♀; Argentinien, Nahuel Huapi National Park; NHMW, Wien.
Figures: Schedl 1975d: 17.
Distribution: South America (Argentina).
Hosts: *Nothofagus dombeyi*.
Notes: (3) Wood 1954b: 16 (to *Gnathotrupes*).
References: (ay) Nannam-Etienne 1975b, (hb) Nannam-Etienne 1975b, (ds) Nannam-Etienne 1975b; Schedl 1950c: 160, (tx) Schedl 1975d: 17, 1979c: 122; Wood, S. L. 1954b: 16.
- longicollis** (**Schedl**) 1951m: 120 (*Gnathotrichus*). Holotype, sex?; Colombia; Schedl Collection in NHMW, Wien.
Distribution: South America (Colombia).
Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*).
References: (tx) Schedl 1951m: 120, 1979c: 140; Wood, S. L. 1973c: 172.
- longipennis** (**Blanchard**) 1851: 429 (*Tomicus*). Syn-types, sex?; Cercanias de Santiago, Chile; not located.
Distribution: South America (Argentina/Chile).
Hosts: *Nothofagus dombeyi*.
Notes: (1) Eichhoff 1875b: 408 (to *Gnathotrichus*), Wood 1973c: 172 (to *Gnathotrupes*).

Schedl 1972d: 150 (*springer* Eggers, nomen nudum, synonymy).

References: **(ds)** Blackwelder 1947: 752; Bruch 1914a; Elgueta & Jackson 1957: 77; Gemminger & Harold 1872: 2686; Hagedorn 1910d: 96; Kleine 1913b: 161, 1914b: 332; Lacordaire 1866: 353; Schedl 1972d: 148. **(tx)** Blackman 1931b: 266; Blanchard 1851: 429; Eggers 1929c: 49; Eichhoff 1875b: 405; Gay 1852: 429; Hagedorn 1910a: 147; Lacordaire 1866: 353; Lucas 1920: 305; Porter 1932: 106; Schedl 1939h: 47, 1951m: 118, 1955e: 256, 1972d: 148; Wood, S. L. 1973c: 172. *obmixus* Schedl 1939h: 47 (*Gnathotrichus*). Syn- types 2 ♀; Puerto Puyuhapi, Sud-Chile; 1 in IPKE, Eberswalde, 1 in Schedl Collection in NHMW, Wien. Synonymy: Wood 1959: 173. Notes: (1) Schedl 1979c: 175 (citation of holotype invalid). Wood 1973c: 172 (to *Gnathotrupes*).

References: **(ay)** Naumann-Etienne 1975b. **(hb)** Naumann-Etienne 1975b. **(ds)** Blackwelder 1947: 752; Naumann-Etienne 1975b; Schedl 1972d: 149, 1973d: 162, 1975d: 2, 1975e: 293. **(tx)** Schedl 1939h: 47-48, 1972d: 149, 1979c: 174; Wood, S. L. 1973c: 172.

corthyloides Schedl 1951d: 20 (*Gnathotrichus*). Lectotype ♀; Chile, Valdivia; Schedl Collection in NHMW, Wien, preoccupied by Eichhoff 1869, designated by Schedl 1979c: 66. Synonymy: Wood 1959: 173.

Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*). References: **(tx)** Schedl 1951d: 20, 1955e: 256, 1979c: 66; Wood, S. L. 1973c: 172, 1989: 173.

sextuberculatus Schedl 1951m: 118 (*Gnathotrichus*). Holotype, sex?; Chile; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1972d: 150.

Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*). References: **(ay)** Naumann-Etienne 1975b. **(hb)** Naumann-Etienne 1975b. **(ds)** Hoganson & Ashworth 1982; Naumann-Etienne 1975b; Schedl 1975d: 2. **(tx)** Schedl 1951m: 118, 1955e: 256, 1964m: 312, 1972d: 150, 1979c: 227; Wood, S. L. 1973c: 172.

quadrituberculatus Schedl 1951m: 122 (*Gnathotrichus*). Holotype, sex?; Chile; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1972d: 150.

Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*). References: **(tx)** Schedl 1951d: 17, 1951m: 118, 122, 1955e: 256, 1972d: 150, 1979c: 200; Wood, S. L. 1973c: 172.

corthyliformis Schedl 1964m: 312 (*Gnathotrichus*). Lectotype ♀; Chile, Valdivia; Schedl Collection in NHMW, Wien, automatic, designated by Schedl 1979c: 66. Synonymy: Wood 1959: 173.

References: **(ds)** Schedl 1967d: 5, 1972d: 151-152. **(tx)** Schedl 1964m: 312, 1972d: 151-152, 1979c: 66; Wood, S. L. 1973c: 172.

constrictus Schedl 1975d: 6. Holotype ♂; Argentinien, Nahuel Huapi National Park; Schedl Collection in NHMW, Wien. Synonymy: Wood 1959: 173.

References: **(ay)** Naumann-Etienne 1975b. **(hb)** Naumann-Etienne 1975b. **(ds)** Naumann-Etienne 1975b. **(tx)** Schedl 1975d: 6, 1979c: 64; Wood, S. L. 1959: 173.

longiusculus (Schedl) 1951m: 121 (*Gnathotrichus*). Holotype ♂; Tierra del Fuego, Via Monte; Eggers Collection, in NHMW, Wien.

Distribution: South America (Argentina, Chile).

Hosts: *Nothofagus dombeyi*.

Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*).

References: **(ds)** Schedl 1972d: 148. **(tx)** Schedl 1951m: 121, 1972d: 148, 1979c: 142; Wood, S. L. 1973c: 172.

ciliatus Schedl 1975d: 4. Holotype ♀; Argentinien, Nahuel Huapi National Park; Schedl Collection in NHMW, Wien. Synonymy: Wood 1992a: 89.

References: **(tx)** Schedl 1975d: 4; Wood, S. L. 1992a: 89.

nanulus (Schedl) 1972d: 149 (*Gnathotrichus*). Holotype, sex?; Chile; Schedl Collection in NHMW, Wien.

Distribution: South America (Argentina/Chile).

Hosts: *Nothofagus dombeyi*.

References: **(ay)** Naumann-Etienne 1975b. **(hb)** Naumann-Etienne 1975b. **(ds)** Naumann-Etienne 1975b; Schedl 1975d: 2. **(tx)** Schedl 1972d: 149, 1975d: 4, 1979c: 163; Wood, S. L. 1973c: 172.

nanus (Eichhoff) 1875b: 410 (*Gnathotrichus*). Holotype ♀; America meridionalis (Chile); Hamburg Museum, lost.

Distribution: South America (Chile).

References: **(ds)** Hagedorn 1910d: 97. **(tx)** Blackman 1931b: 266; Eichhoff 1975b: 410; Hagedorn 1910a: 147; Schedl 1939h: 727; Wood, S. L. 1973c: 172.

naumanni (Schedl) 1975d: 15 (*Gnathomimus*). Holotype ♀; Argentinien, Nahuel Huapi National Park; Schedl Collection in NHMW, Wien.

Figures: Schedl 1975d: 16.

Distribution: South America (Argentina).

Hosts: *Nothofagus dombeyi*.

Notes: (3) Wood 1954b: 225 (to *Gnathotrupes*).

References: **(ay)** Naumann-Etienne 1975b. **(hb)** Naumann-Etienne 1975b. **(ds)** Naumann-Etienne 1975b. **(tx)** Schedl 1975d: 15-16, 1979c: 164; Wood, S. L. 1954b: 225.

nectandrae Wood 1959: 181. Holotype ♂; La Carbonera Experimental Forest, 50 km W Merida, Merida, Venezuela; Wood Collection.

Distribution: South America (Venezuela).

Hosts: *Nectandra* sp.

References: **(tx)** Wood, S. L. 1959: 181.

nothofagi (Schedl) 1975d: 13 (= *Gnathomimus*).

Holotype ♀: Argentinien, Nahuel Huapi National Park; Schedl Collection in NHMW, Wien.

Distribution: South America (Argentina).

Hosts: *Nothofagus dombeyi*.

Notes: (3) Wood 1954b: 225 (to *Gnathotrupes*).

References: (tx) Schedl 1975d: 13, 1979c: 171; Wood, S. L. 1954b: 225.

pauciconcarus Schedl 1975d: 7. Holotype ♀:

Argentinien, Nahuel Huapi National Park; Schedl Collection in NHMW, Wien.

Distribution: South America (Argentina).

Hosts: *Nothofagus dombeyi*.

Notes: (1) This name was originally spelled *pauciconvacus*, an obvious lapsus calami; Schedl 1979c: 186 gave the corrected spelling.

References: (tx) Schedl 1975d: 7, 1979c: 186.

pustulatus Schedl 1975d: 9. Holotype ♀:

Argentinien, Nahuel Huapi National Park; Schedl Collection in NHMW, Wien.

Distribution: South America (Argentina).

Hosts: *Nothofagus dombeyi*.

References: (ay) Naumann-Etienne 1978b, (hb) Naumann-Etienne 1978b, (ds) Naumann-Etienne 1978b; Schedl 1980c: 159, (tx) Schedl 1975d: 9, 1979c: 206.

similis Schedl 1975d: 10. Holotype ♀: Argentinien,

Nahuel Huapi National Park; Schedl Collection in NHMW, Wien.

Distribution: South America (Argentina).

Hosts: *Nothofagus dombeyi*.

References: (ay) Naumann-Etienne 1978b, (hb) Naumann-Etienne 1978b, (ds) Naumann-Etienne 1978b, (tx) Schedl 1975d: 10, 1979c: 229.

solidus Schedl 1975d: 8. Holotype ♂: Argentinien,

Nahuel Huapi National Park; Schedl Collection in NHMW, Wien.

Distribution: South America (Argentina).

Hosts: *Nothofagus dombeyi*.

References: (ay) Naumann-Etienne 1978b, (hb) Naumann-Etienne 1978b, (ds) Naumann-Etienne 1978b, (tx) Schedl 1975d: 8, 1979c: 232.

tebratus (Wood) 1968b: 9 (*Gnathotrypanus*).

Holotype ♂: Volcan, Puntarenas, Costa Rica; Wood Collection.

Figures: Wood 1968b: 5.

Distribution: North America (Costa Rica).

Hosts: Presumably *Pourouma aspera*.

Notes: (1) Wood 1973c: 172, 1982: 1167 (to *Gnathotrupes*).

References: (hb) Wood, S. L. 1982b: 1167, (ds) Wood, S. L. 1982b: 1167, (tx) Wood, S. L. 1968b: 5, 9, 1973c: 172, 1982b: 1167.

vafer (Schedl) 1975d: 3 (*Gnathotrichus*). Holotype,

sex?; Argentinien, Nahuel Huapi National Park; Schedl Collection in NHMW, Wien.

Distribution: South America (Argentina).

Hosts: *Nothofagus dombeyi*.

Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*).

References: (ay) Naumann-Etienne 1978b, (hb) Naumann-Etienne 1978b, (ds) Naumann-Etienne 1978b; Schedl 1980c: 159, (tx) Schedl 1975d: 3, 1979c: 263; Wood, S. L. 1973c: 172.

velatus Schedl 1975d: 10. Holotype ♀: Argentinien,

Nahuel Huapi National Park; Schedl Collection in NHMW, Wien.

Distribution: South America (Argentina).

Hosts: *Nothofagus dombeyi*.

References: (ay) Naumann-Etienne 1978b, (hb) Naumann-Etienne 1978b, (ds) Naumann-Etienne 1978b; Schedl 1980c: 160, (tx) Schedl 1975d: 10, 1979c: 265.

Genus *Tricolus* Blandford

TRICOLUS BLANDFORD 1905: 286. Type-species: *Tricolus ovicollis* Blandford, subsequent designation by Hopkins 1914: 131.

Pterocyclonoides Schedl 1970c: 101. Type-species: *Pterocyclonoides octodentatus* Schedl, monobasic. Synonymy: Wood 1954b: 228.

References: (tx) Schedl 1970c: 101–102; Wood, S. L. 1954b: 228.

Keys: Wood 1982b: 1170 for Central America.

References: (ay) Nolschi 1969a: 65, (hb) Wood, S. L. 1982b: 1170, 1986a: 99, (ds) Wood, S. L. 1982b: 1170, 1986a: 99, (tx) Blandford 1905: 286; Bright 1972d: 98; Wood, S. L. 1967c: 119–141, 1982b: 1170–1185, 1986a: 99.

abruptus Schedl 1976a: 83. Holotype, sex?; Carnam, Pernambuco, Brasil; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (tx) Schedl 1976a: 83.

aciculatus Wood 1974a: 62. Holotype ♀; 10 km NE Teziutlan, Puebla, Mexico; Wood Collection.

Distribution: North America (Puebla in Mexico).

Hosts: *Miconia* sp., *Rubus* sp.

References: (hb) Atkinson & Equihua 1985c: 361; Wood, S. L. 1982b: 1183, (ds) Atkinson & Equihua 1985c: 361; Wood, S. L. 1982b: 1183, (tx) McNamara 1984: 759; Wood, S. L. 1974a: 62, 1982b: 1183–1184.

affinis Eggers 1931b: 38. Holotype, sex?; Sao Paulo, Brasil; Prague Museum.

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 783, (tx) Eggers 1931b: 38; Schedl 1939j: 581, 1979c: 14.

amplus Wood 1974a: 63. Holotype ♀; 10 km NE Teziutlan, Puebla, Mexico; Wood Collection.

Distribution: North America (Puebla in Mexico).

Hosts: Tree limb.

References: (hb) Wood, S. L. 1982b: 1185, (ds) Wood, S. L. 1982b: 1185, (tx) Wood, S. L. 1974a: 63, 1982b: 1185.

ardis Wood 1974a: 58. Holotype ♀; Escasu, San Jose, Costa Rica, 1300 m; Wood Collection.

- Figures: Wood 1982b: 1174 (declivity).
 Distribution: North America (Costa Rica/ Panama).
 Hosts: Tree branches and a seedling.
 References: **(hb)** Wood, S. L. 1982b: 1176. **(ds)** Wood, S. L. 1982b: 1176. **(tx)** Wood, S. L. 1974a: 58, 1982b: 1176.
- badius** Wood 1974a: 60. Holotype ♀: Pandora, Limon, Costa Rica, 50 m; Wood Collection.
 Figures: Wood 1982b: 1174 (declivity).
 Distribution: North America (Costa Rica/ Panama).
 Hosts: *Serjania* sp., a liana, and a tree branch.
 References: **(hb)** Wood, S. L. 1982b: 1177. **(ds)** Wood, S. L. 1982b: 1177. **(tx)** Wood, S. L. 1974a: 60, 1982b: 1177.
- bicolor** Wood 1974a: 63. Holotype ♀: Volcan Poas, Heredia, Costa Rica, 1500 m; Wood Collection.
 Distribution: North America (Costa Rica).
 Hosts: Tree branch.
 References: **(hb)** Burgos & Saucedo 1983: 132; Wood, S. L. 1982b: 1184. **(ds)** Burgos & Saucedo 1983: 132; Wood, S. L. 1982b: 1184. **(tx)** Wood, S. L. 1974a: 63, 1982b: 1184.
- bifidus** Schedl 1939j: 579. Holotype, sex?: Brasilien; Schedl Collection in NHMW, Wien.
 Figures: Pedrosa-Macedo & Schonherr 1985: 53.
 Distribution: South America (Brazil).
 References: **(ds)** Blackwelder 1947: 783; Pedrosa-Macedo & Schonherr 1985: 53; Schedl 1976a: 56. **(tx)** Pedrosa-Macedo & Schonherr 1985: 53; Schedl 1939j: 579, 1979c: 39–40.
- capitalis** Wood 1974a: 61. Holotype ♀: 13 km SE El Hato del Volcan, Chiriqui, Panama, 1000 m; Wood Collection.
 Figures: Wood 1982b: 1174 (declivity).
 Distribution: North America (Panama).
 References: **(hb)** Wood, S. L. 1982b: 1179. **(ds)** Wood, S. L. 1982b: 1179. **(tx)** Wood, S. L. 1974a: 61, 1982b: 1179.
- cecropii** Wood 1974a: 58. Holotype ♀: Turrialba, Cartago, Costa Rica, 700 m; Wood Collection.
 Distribution: North America (Costa Rica).
 Hosts: *Cecropia peltata* leaf petioles.
 Notes: (3) Wood 1982: 1176 (this is a domicile parasite of *Corthylus cecropii* Wood).
 References: **(hb)** Wood, S. L. 1982b: 1175–1176; **(ds)** Wood, S. L. 1982b: 1175–1176; **(tx)** Wood, S. L. 1974a: 58, 1982b: 1175–1176.
- difodinus** Bright 1972a: 1380. Holotype ♂: 21 km N Ocozocoautla, Chiapas, Mexico; CNCI, Ottawa.
 Figures: Bright 1972a: 1377, Wood 1982b: 1181 (declivity).
 Distribution: North America (Guatemala/ Chiapas in Mexico).
 Hosts: Tree branches.
 References: **(cc)** Equilua & Atkinson 1986: 634. **(hb)** Atkinson & Equilua 1986a: 422; Equilua & Atkinson 1986: 634; Wood, S. L. 1982b: 1182. **(ds)** Atkinson & Equilua 1985c: 361, 1986a: 422.
- 1985: 102; Equilua & Atkinson 1986: 634, 1985: 212; Wood, S. L. 1982b: 1182. **(tx)** Bright 1972a: 1377, 1380; McNamara 1977: 199; Wood, S. L. 1982b: 1182.
- fenoris** Wood 1974a: 60. Holotype ♂?: 15 km SE Cartago, Cartago, Costa Rica, 1800 m; Wood Collection.
 Distribution: North America (Costa Rica).
 Hosts: Liana.
 References: **(hb)** Wood, S. L. 1982b: 1175. **(ds)** Wood, S. L. 1982b: 1175. **(tx)** Wood, S. L. 1974a: 60, 1982b: 1175.
- frontalis** Wood 1974a: 61. Holotype ♀: 5 km NE Teziutlan, Puebla, Mexico, 1600 m; Wood Collection.
 Distribution: North America (Puebla in Mexico).
 Hosts: Tree branch.
 References: **(ds)** Wood, S. L. 1982b: 1179. **(tx)** Wood, S. L. 1974a: 61, 1982b: 1179.
- gracilipennis** Schedl 1950i: 170. Lectotype, sex?: Brazil, Santa Catarina, Nova Teutonia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 107.
 Distribution: South America (Brazil).
 References: **(tx)** de Ruelle 1970: 114; Schedl 1950i: 170, 1979c: 107.
- gracilis** Eggers 1937a: 87. Holotype, sex?: Guadeloupe; USNM, Washington.
 Distribution: Antilles Islands (Guadeloupe).
 References: **(ds)** Blackwelder 1947: 783; Bright 1985c: 176. **(tx)** Anderson, W. H. & Anderson 1971: 13; Bright 1985c: 176; Eggers 1937a: 87, 1940a: 108; Schedl 1950i: 170, 1954b: 40, 1979c: 108.
- inaffectus** Wood 1974a: 57. Holotype ♀: Volcan Poas, Heredia, Costa Rica, 2600 m; Wood Collection.
 Distribution: North America (Costa Rica).
 References: **(ds)** Wood, S. L. 1982b: 1175. **(tx)** Wood, S. L. 1974a: 57, 1982b: 1175.
- incisus** Schedl 1976a: 84. Holotype, sex?: Caraguatatuba, SP, Res. Flor., 40 m, Brazil; MZUSP, Sao Paulo.
 Distribution: South America (Brazil).
 References: **(tx)** Schedl 1976a: 84.
- inornatus** Wood 1974a: 57. Holotype ♀: 15 km SE Cartago, Cartago, Costa Rica, 2800 m; Wood Collection.
 Figures: Wood 1982b: 1174 (declivity).
 Distribution: North America (Costa Rica).
 Hosts: *Siparuna nicaraguaensis*.
 References: **(hb)** Atkinson & Equilua 1985c: 361; Wood, S. L. 1982b: 1174. **(ds)** Atkinson & Equilua 1985c: 361; Wood, S. L. 1982b: 1174. **(tx)** Wood, S. L. 1974a: 57, 1982b: 1174.
- intrusus** Wood 1974a: 58. Holotype ♀: El Laurel, 12 km SW Caracas, Venezuela, 1300 m; Wood Collection.
 Distribution: South America (Venezuela).
 Hosts: *Cecropia* sp. leaf petioles.

- References: (tx) Wood, S. L. 1974a: 55.
- minutissimus** Schedl 1976a: 54. Holotype, sex?: Linhares, E. Santos [Brazil]; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 54.
- naevus** Wood 1974a: 61. Holotype ♀: Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
Figures: Wood 1952b: 1151 (declivity).
Distribution: North America (Costa Rica).
Hosts: *Phoebe mexicana*, *Werklia insignata*, and a liana.
References: (hb) Wood, S. L. 1952b: 1150, (ds) Wood, S. L. 1952b: 1150, (tx) Wood, S. L. 1974a: 61, 1952b: 1150.
- nodifer** Blandford 1905: 257. Holotype, sex?: Mirandilla, Esquinilla, Guatemala; BMNH, London.
Figures: Blandford 1905: pl. 9, Wood 1952b: 1174 (declivity).
Distribution: North America (Costa Rica/ Guatemala/ Veraacruz? in Mexico).
Hosts: *Cecropia* sp. leaf petiole, and a tree branch.
References: (hb) Wood, S. L. 1952b: 1175, (ds) Blackwelder 1947: 753; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1952b: 1175, (tx) Blandford 1905: 257; Eggers 1937a: 35; Hagedorn 1910a: 149; Wood, S. L. 1966b: 30, 1967c: 139, 1952b: 1175.
- triarmatus** Schedl 1939j: 575. Holotype, sex?: Colonia, vermutlich Mexico; Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 30.
References: (ds) Blackwelder 1947: 753; Ferrer 1942, (tx) Schedl 1939j: 575, 1940a: 355; Wood, S. L. 1966b: 30.
- octodentatus** (Schedl) 1970b: 102 (*Pterocyclo-noides*). Holotype, sex?: Brasilien, Parana, Rondon; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1970b: 102.
- oricollis** Blandford 1905: 257. Holotype, sex?: Cerro Zamil, Quezaltenango, Guatemala; BMNH, London.
Figures: Wood 1952b: 1151 (declivity).
Distribution: North America (Costa Rica/ Puebla in Mexico/ Panama).
Hosts: *Miconia* sp., *Phoebe mexicana*, and a liana.
References: (hb) Wood, S. L. 1952b: 1150, (ds) Blackwelder 1947: 753; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1952b: 1150, (tx) Blandford 1905: 257; Eggers 1937a: 57; Hagedorn 1910a: 149; Hopkins 1914: 131; Schedl 1939j: 579; Wood, S. L. 1952b: 1150–1153.
- parsus** Wood 1974a: 59. Holotype ♂?: 15 km SE Cartago, Cartago, Costa Rica, 1800 m; Wood Collection.
Figures: Wood 1952b: 1174 (declivity).
Distribution: North America (Costa Rica).
Hosts: Liana.
References: (hb) Wood, S. L. 1952b: 1176, (ds) Wood, S. L. 1952b: 1176, (tx) Wood, S. L. 1974a: 59, 1952b: 1176.
- partilis** Wood 1974a: 60. Holotype ♂: Volcan, Puntarenas, Costa Rica; Wood Collection.
Figures: Wood 1952b: 1174 (declivity).
Distribution: North America (Costa Rica).
Hosts: Tree branch.
References: (hb) Wood, S. L. 1952b: 1175, (ds) Wood, S. L. 1952b: 1175, (tx) Wood, S. L. 1974a: 60, 1952b: 1175.
- peltatus** Wood 1974a: 62. Holotype ♀: Cerro Punta near Volcan Chiriqui, Chiriqui, Panama; Wood Collection.
Distribution: North America (Costa Rica/ Panama).
Hosts: Tree branches and a liana.
References: (hb) Wood, S. L. 1952b: 1153, (ds) Wood, S. L. 1952b: 1153, (tx) Wood, S. L. 1974a: 62, 1952b: 1153.
- perdiligens** Schedl 1950i: 171. Holotype ♀: Jamaica; Schedl Collection in NHMW, Wien.
Figures: Bright 1972d: 59, 75, 95.
Distribution: Antilles Islands (Dominican Republic in Hispanola/ Jamaica).
References: (ds) Bright 1973: 15, 1951c: 156, 1955c: 176, (tx) Bright 1951c: 156, 1955c: 176; Schedl 1950i: 170, 1979c: 188.
- ignotus** Bright 1972d: 99. Holotype ♀: Hardwar Gap, 4000', St. Andrew Parish, Jamaica; CNCI, Ottawa. Synonymy: Bright 1955c: 176.
References: (tx) Bright 1972d: 59, 75, 95, 99, 1955c: 176.
- pernanulus** Schedl 1939j: 581. Holotype, sex?: Saurda (Brasilien?); Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 753; Schedl 1972g: 46, (tx) Schedl 1939j: 581, 1979c: 190.
- plaumanni** Schedl 1954b: 40. Lectotype, sex?: Rondon, Parana, Brazil; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 196.
Figures: Wood 1952b: 1151 (declivity).
Distribution: North America (Costa Rica/ Panama), South America (Brazil/ Venezuela).
Hosts: Tree branches and lianas.
References: (hb) Wood, S. L. 1952b: 1154, (ds) Wood, S. L. 1952b: 1154, (tx) de Ruelle 1970: 114; Schedl 1954b: 40, 1979c: 196; Wood, S. L. 1952b: 1154.
- pumilio** Eggers 1937a: 57. Holotype, sex?: Bolivien (Cochabamba); Eggers Collection, in NHMW, Wien.
Distribution: South America (Bolivia).
References: (ds) Blackwelder 1947: 753, (tx) Eggers 1937a: 57; Schedl 1939j: 580, 1939k: 726, 1979c: 204.

ruficollis (Fabricius) 1801: 358 (*Bostrichus*). Holotype ♀; published as *America meridionali*, type labeled Essequibo [Guyana]; UZMC, Copenhagen.

Distribution: South America (Guyana).

References: (ds) Dejean 1937; Stein & Weise 1877: 164. (tx) Eichhoff 1868d: 421; Fabricius 1801: 358; Ferrari 1868: 255; Sharp 1879: 102. (ms) Eichhoff 1868d: 421.

rufithorax Wood 1974a: 59. Holotype ♀; Finca Cromaco on Rio Coto Brus, Puntarenas, Costa Rica, 500 m; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: Liana.

References: (hb) Wood, S. L. 1982b: 1177. (ds) Wood, S. L. 1982b: 1177. (tx) Wood, S. L. 1974a: 59, 1982b: 1177.

saundersi Wood 1967c: 139. Holotype ♂; Dominical, Puntarenas, Costa Rica; Wood Collection.

Figures: Wood 1982b: 1174 (declivity).

Distribution: North America (Costa Rica).

Hosts: *Theobroma cacao*, and a liana.

References: (ds) Wood, S. L. 1982b: 1179. (tx) Wood, S. L. 1967c: 139, 1982b: 1179.

scitulus Wood 1974a: 62. Holotype ♀; Tapanti, Cartago, Costa Rica; Wood Collection.

Figures: Wood 1982b: 1181 (declivity).

Distribution: North America (Costa Rica/Panama), South America (Venezuela).

Hosts: *Crotalaria* sp., *Phoebe mexicana*, etc.

References: (hb) Wood, S. L. 1982b: 1182. (ds) Wood, S. L. 1982b: 1182. (tx) Wood, S. L. 1974a: 62, 1982b: 1182.

senex Schedl 1939j: 580. Lectotype ♂; Nova Teutonia, Brazil; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 225.

Figures: Schedl 1939j: 580, Terra 1987: 28, Wood 1982b: 1181 (declivity).

Distribution: North America (Costa Rica), South America (Bolivia/Brazil).

Hosts: *Calandria confusa*, *Siporana nicaraguensis*, etc.

References: (hb) Wood, S. L. 1982b: 1182. (ds) Blackwelder 1947: 783; Nimberg 1971: 58; Schedl 1966f: 91, 1973d: 161, 1975c: 291; Terra 1987: 27; Wood, S. L. 1982b: 1182. (tx) de Ruelle 1970: 114; Schedl 1939j: 580, 1979c: 225; Terra 1987: 27–28; Wood, S. L. 1982b: 1181–1183.

simplicis Wood 1974a: 57. Holotype ♀; Palim, Esquinilla, Guatemala; Wood Collection.

Distribution: North America (Costa Rica/Guatemala).

Hosts: *Ficus* sp., and a tree branch.

References: (hb) Wood, S. L. 1982b: 1173. (ds) Wood, S. L. 1982b: 1173. (tx) Wood, S. L. 1974a: 57, 1982b: 1173.

spheniscus Schedl 1939j: 581. Lectotype ♂; Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 234. Figures: Pedrosa-Macedo & Schonherr 1985: 54. Distribution: South America (Brazil).

References: (ds) Blackwelder 1947; Pedrosa-Macedo & Schonherr 1985: 54; Schedl 1966f: 91, 1967d: 4, 1970c: 53, 1972g: 46, 1976a: 56. (tx) Pedrosa-Macedo & Schonherr 1985: 54; Schedl 1939j: 581, 1950i: 171, 1979c: 234.

subincisuralis Schedl 1939k: 726. Holotype, sex?; Brasilien, Sta. Catharina; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 753; Pedrosa-Macedo & Schonherr 1985: 55; Schedl 1973d: 161, 1976d: 4. (tx) Pedrosa-Macedo & Schonherr 1985: 55; Schedl 1939k: 726, 1979c: 242.

uvidentatus Bright 1972d: 98. Holotype ♀; Barbecue Bottom, Trelawny Parish, Jamaica; CNCI, Ottawa.

Figures: Bright 1972: 95.

Distribution: Antilles Islands (Jamaica).

References: (ds) McNamara 1977: 200; Bright 1985c: 176. (tx) Bright 1972d: 95, 98, 1985c: 176.

Genus *Amphicranus* Erichson

AMPHICRANUS ERICHSON 1836: 63. Type-species: *Amphicranus thoracicus* Erichson, monobasic.

Piezorhopalus Guerin-Meneville 1838: 107.

Type-species: *Piezorhopalus nitidulus* Guerin-Meneville = *Amphicranus thoracicus* Erichson, monobasic. Synonymy: Blandford 1905: 290.

References: (tx) Blandford 1905: 290; Guerin-Meneville 1838: 107.

Steganocranus Eichhoff 1878b: 460. Type-species: *Steganocranus dohrni* Eichhoff, monobasic. Synonymy: Blandford 1905: 289.

References: (tx) Blandford 1905: 289; Eichhoff 1878b: 70, 460; Schedl 1939j: 583, 1950i: 176.

Keys: Blandford 1905: 289 and Wood 1982b: 1186 for Central America.

References: (hb) Wood, S. L. 1982b: 1185, 1986a: 99. (ds) Wood, S. L. 1982b: 1185, 1986a: 99. (tx) Blandford 1905: 289; Eggers 1935a: 157; Erichson 1836: 63; Wood, S. L. 1967d: 37–57, 1982b: 1185, 1986a: 99.

acus Wood 1974a: 66. Holotype ♀; El Laurel Experiment Station, 12 km SW Caracas, Venezuela, 1800 m; Wood Collection.

Distribution: South America (Venezuela).

Hosts: *Croton* sp., etc.

References: (tx) Wood, S. L. 1974a: 66.

argutus Wood 1976a: 349. Holotype ♀; Finca La Lola, Limon, Costa Rica; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: *Theobroma cacao*.

- References: (ds) Wood, S. L. 1952b: 1193. (tx) Wood, S. L. 1976a: 349. 1952b: 1193.
- balteatus** Blandford 1905: 291. Holotype, sex?: Cerro Zamil, Quezaltenango, Guatemala. 1300 m; BMNH, London.
Figures: Blandford 1905: pl. 9.
Distribution: North America (Guatemala).
Hosts: "Caldo de Frijol," a tree.
References: (hb) Wood, S. L. 1952b: 1201. (ds) Blackwelder 1947: 753; Hagedorn 1910d: 95; Kleine 1913b: 257. 1914b: 308; Wood, S. L. 1952b: 1201. (tx) Blandford 1905: 291; Hagedorn 1910a: 139; Wood, S. L. 1952b: 1201.
- belti** Blandford 1905: 292. Holotype, sex?: Chontales, Nicaragua; BMNH, London.
Figures: Blandford 1905: pl. 9.
Distribution: North America (Costa Rica/Nicaragua).
References: (ds) Blackwelder 1947: 753; Hagedorn 1910d: 95; Kleine 1913b: 157. 1914b: 365. (tx) Blandford 1905: 289, 292; Hagedorn 1910a: 139; Wood, S. L. 1952b: 201.
- bipunctatus** Eichhoff 1878b: 469. Holotype, sex?: America meridionalis (Nova Granada); Hamburg Museum, lost.
Distribution: South America (Colombia).
References: (ds) Blackwelder 1947: 753; Blandford 1905: 289; Kleine 1913b: 157. (tx) Blandford 1905: 289; Eichhoff 1878b: 469; Hagedorn 1910a: 139.
- brasiliensis** Eggers 1931b: 37. Holotype, sex?: Brazil: Sao Paulo; Prague Museum.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 753. (tx) Eggers 1931b: 37-38.
- brevipennis** Blandford 1905: 293. Holotype ♀?: San Isidro, Suchitepequez, Guatemala; BMNH, London.
Figures: Blandford 1905: pl. 9. Wood 1952b: 1191.
Distribution: North America (Costa Rica/Guatemala).
Hosts: Tree branch.
References: (hb) Wood, S. L. 1952b: 1190. (ds) Blackwelder 1947: 753; Bright 1972a: 1385; Hagedorn 1910d: 95; Kleine 1913b: 157. 1914b: 365; Wood, S. L. 1952b: 1190. (tx) Blandford 1905: 293; Hagedorn 1910a: 139; Wood, S. L. 1952b: 1190-1191.
- brounei** Schedl 1979j: 128. Holotype, sex?: Brasilien, Amapa, Alt. Amapari; Schedl Collection in NHMW, Wien, automatic.
Distribution: South America (Brazil).
References: (tx) Schedl 1979j: 128.
- elegantulus** Schedl 1978c: 304. Holotype, sex?: Brasilien, Amapa, Alt. Amapari; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1963.
References: (tx) Schedl 1978c: 304; Wood, S. L. 1952b: 1193. (tx) Wood, S. L. 1952b: 1193.
- electus** Wood 1951: 122. Holotype, sex?: Brasilien, Amapa, Alta. Amapari; Schedl Collection in NHMW, Wien, automatic.
Notes: (1) This is an unneeded replacement name.
References: (tx) Schedl 1979j: 128; Wood, S. L. 1951: 122.
- collosus** (Schedl) 1935h: 351 (*Pterocyclon*). Holotype ♀; Coronado [presumably San Isidro de Coronado, San Jose], Costa Rica. 1400-1500 m; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica).
References: (ds) Wood, S. L. 1952b: 1194. (tx) Schedl 1935h: 350-351. 1952a: 450. 1979c: 50; Wood, S. L. 1952b: 1194.
- collaris** Blandford 1905: 294. Holotype ♀?: Volcan Chiriqui, Panama; BMNH, London.
Figures: Blandford 1905: pl. 9.
Distribution: North America (Costa Rica/Panama).
Hosts: *Phoebe mexicana*, etc.
References: (hb) Wood, S. L. 1952b: 1200. (ds) Blackwelder 1947: 753; Hagedorn 1910d: 95; Kleine 1913b: 157. 1914b: 367; Wood, S. L. 1952b: 1200. (tx) Blandford 1905: 294; Hagedorn 1910a: 139; Sampson 1912: 245; Wood, S. L. 1952b: 1200.
- cordatus** (Bright) 1972a: 1380 (*Tricolus*). Holotype ♂; 184 km S Oaxaca on Highway 131, Oaxaca, Mexico, 2000 m; CNCI, Ottawa.
Figures: Atkinson et al. 1986: 43. Bright 1972a: 1377.
Distribution: North America (Oaxaca in Mexico).
References: (hb) Atkinson et al. 1986: 44; Burgos & Saucedo 1983: 132. (ds) Atkinson et al. 1986: 44; Burgos & Saucedo 1983: 132; Wood, S. L. 1952b: 1203. (tx) Bright 1972a: 1380; Atkinson et al. 1986: 43; Bright 1972a: 1377; McNamara 1977: 199; Wood, S. L. 1952b: 1203.
- dohrni** (Eichhoff) 1878b: 461 (*Steganocranus*). Syntypes 2, 1 ♀; America meridionalis; Host with Hamburg Museum, 1 ♀ in Dohrn Collection at Stettin now in Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil/Venezuela).
Hosts: Tree bole.
Notes: (1) Schedl 1979c: 83 (citation of holotype invalid).
References: (ds) Blackwelder 1947: 753; Hagedorn 1910d: 96; Schedl 1966f: 91. (tx) Eichhoff 1878b: 461; Hagedorn 1910a: 139; Hopkins 1914: 129; Schedl 1939j: 583, 1950i: 146. 1951h: 285. 1979c: 83.
- caudatus** Eggers 1931a: 17. Holotype, sex?: Brazil; MNB, Berlin. Synonymy: Schedl 1950i: 176.
References: (ds) Blackwelder 1947: 753. (tx) Eggers 1931a: 17. 1943a: 384; Schedl 1950i: 146.
- eichhoffi** Eggers 1931a: 17. Holotype ♂; Bolivia (Cochabamba); Eggers Collection, in NHMW, Wien.
Distribution: South America (Bolivia).

- References: **(ds)** Blackwelder 1947: 753, **(tx)** Eggers 1931a: 17, 1943a: 354; Schedl 1950i: 176, 1979c: 57.
- galeatus* (Eggers) 1943a: 354 (*Steganocranus*).
Holotype ♀; Bolivia (Cochabamba); Eggers Collection, in NHMW, Wien. Synonymy: Schedl 1950i: 176.
References: **(tx)** Eggers 1943a: 354; Schedl 1950i: 176, 1979c: 102.
- elegans* **Eichhoff** 1869a: 276. Holotype, sex?; Mexico; Hamburg Museum, lost.
Figures: Blandford 1905: pl. 9, Wood 1982b: 1191.
Distribution: North America (Costa Rica/ Veracruz in Mexico/ Nicaragua).
Hosts: *Theobroma cacao*.
References: **(ds)** Blackwelder 1947: 753; Blandford 1905: 290; Ferrer 1942; Gemminger & Harold 1872: 2680, 2692; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 353; Wood, S. L. 1982b: 1192. **(tx)** Blandford 1905: 289–290; Eggers 1931a: 18; Eichhoff 1869a: 276, 1875b: 465; Hagedorn 1910a: 139; Schedl 1940a: 359; Wood, S. L. 1982b: 1191–1192.
- elegantulus* **Schedl** 1963d: 225. Holotype, sex?; Brasilien: Matto Grosso, Rio Caragnata; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: **(tx)** Schedl 1963d: 225, 1979c: 55.
- fastigiatus* **Blandford** 1905: 296. Holotype ♂; Cerro Zunil, Quezaltenango, Guatemala; BMNH, London.
Figures: Blandford 1905: pl. 9.
Distribution: North America (Costa Rica/ Guatemala).
Hosts: *Conostegia oerstediana*, *Parkinsonia aculeata*.
References: **(hb)** Wood, S. L. 1982b: 1205. **(ds)** Blackwelder 1947: 753; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 368; Schedl 1933c: 164; Wood, S. L. 1982b: 1205. **(tx)** Blandford 1905: 296; Eggers 1931a: 16, 18; Hagedorn 1910a: 139; Schedl 1939j: 553, 1950i: 176; Wood, S. L. 1982b: 1205–1206.
- filliformis* **Blandford** 1905: 295. Holotype, sex?; Omilteme, Guerrero, Mexico; BMNH, London.
Figures: Blandford 1905: pl. 9.
Distribution: North America (Chiapas, Guerrero in Mexico).
References: **(hb)** Atkinson & Equilma 1985c: 361. **(ds)** Atkinson & Equilma 1985c: 361; Blackwelder 1947: 753; Ferrer 1942; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 353; Wood, S. L. 1982b: 1203. **(tx)** Blandford 1905: 295; Hagedorn 1910a: 139; Schedl 1940a: 359; Wood, S. L. 1982b: 1203.
- fryi* **Blandford** 1905: 291. Holotype, sex?; Brazil, Rio de Janeiro; BMNH, London.
Distribution: South America (Brazil/ Cayenne/ Ecuador).
References: **(ds)** Blackwelder 1947: 753; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 337, 1914b: 337. **(tx)** Blandford 1905: 289, 291; Hagedorn 1910a: 139.
- fulgidus* **Wood** 1976a: 350. Holotype ♀; Finca Los Diamantes [near Dominical], Costa Rica; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: *Theobroma cacao*.
References: **(ds)** Wood, S. L. 1982b: 1195. **(tx)** Wood, S. L. 1976a: 350, 1982b: 1195.
- gracilis* **Eggers** 1943a: 353. Holotype, sex?; Bolivia (Cochabamba); USNM, Washington.
Distribution: South America (Bolivia).
References: **(tx)** Anderson, W. H. & Anderson 1971: 13; Eggers 1943a: 353.
- grouvellei* **Blandford** 1905: 294. Syntypes 2, sex?; tobacco-refuse, probably Brazilian, intercepted at Paris; BMNH, London.
Distribution: South America (Brazil).
References: **(ec)** Wichmann 1955a: 107. **(ds)** Blackwelder 1947: 753; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 337; Wichmann 1955a: 107. **(tx)** Blandford 1905: 290, 294; Hagedorn 1910a: 139.
- hybridus* **Blandford** 1905: 298. Holotype ♀; Guatemala, Guatemala; BMNH, London.
Figures: Blandford 1905: pl. 9.
Distribution: North America (Guatemala/ Nayarit in Mexico).
References: **(ds)** Blackwelder 1947: 753; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 365; Wood, S. L. 1982b: 1193. **(tx)** Blandford 1905: 298; Eggers 1931a: 19; Hagedorn 1910a: 139; Wood, S. L. 1982b: 1193.
- lesnei* **Hagedorn** 1903b: 550. Holotype, sex?; Vallee de Cauca, Colombia; MNHN, Paris.
Distribution: South America (Colombia).
References: **(ds)** Blackwelder 1947: 753; Hagedorn 1910d: 95; Kleine 1913b: 157. **(tx)** Hagedorn 1903b: 550, 1910a: 139.
- macellus* **Wood** 1974a: 64. Holotype ♀; Rincon de Osa, Puntarenas, Costa Rica; 30 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: Tree limb.
References: **(hb)** Wood, S. L. 1982b: 1202. **(ds)** Wood, S. L. 1982b: 1202. **(tx)** Wood, S. L. 1974a: 64, 1982b: 1202.
- melanura* (**Blandford**) 1904: 272 (*Pterocyclon*). Holotype ♂; Volcan de Chiriqui, Panama; BMNH, London.
Distribution: North America (Costa Rica/ Panama).
Hosts: *Phoebe mexicana*.
References: **(hb)** Wood, S. L. 1982b: 1195. **(ds)** Blackwelder 1947: 753; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1195. **(tx)** Blandford 1904: 272; Hagedorn 1910a: 149; Schedl 1935h: 345; Wood, S. L. 1982b: 1195–1196.
- opacifrons* **Schedl** 1935h: 350. Holotype ♀; Coro-

- nado [presumably San Isidro de Coronado, San Jose]. Costa Rica: Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 26. References: (tx) Schedl 1935h: 350, 1979c: 179; Wood, S. L. 1966b: 26.
- micans** Wood 1976a: 350. Holotype ♀; Rio Damitas, Dota Mts., San Jose, Costa Rica; Wood Collection. Distribution: North America (Costa Rica/Oaxaca, Veracruz in Mexico/Panama). Hosts: *Protium* sp., *Terminalia* sp. References: (hb) Wood, S. L. 1982b: 1194. (ds) Atkinson & Equihua 1986a: 422, 1988: 85; Wood, S. L. 1982b: 1194. (tx) Wood, S. L. 1976a: 350, 1982b: 1194.
- minor** (Eggers) 1935a: 332 (*Anthonocerus*). Holotype ♂; Bolivien (Cochabamba); USNM, Washington. Distribution: South America (Bolivia). References: (ds) Blackwelder 1947: 783. (tx) Anderson, W. H. & Anderson 1971: 20; Eggers 1935a: 332–333.
- mirandus** Wood 1974a: 63. Holotype ♀; Rincon de Osa, Puntarenas, Costa Rica, 30 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: Tree limb. References: (hb) Wood, S. L. 1982b: 1197. (ds) Wood, S. L. 1982b: 1197. (tx) Wood, S. L. 1974a: 63, 1982b: 1197–1198.
- mucronatus** Wood 1974a: 66. Holotype ♀; Volcan de Chiriqui at Cerro Pmita, Chiriqui, Panama, 1800 m; Wood Collection. Distribution: North America (Panama). Hosts: Tree branch. References: (ds) Wood, S. L. 1982b: 1205. (tx) Wood, S. L. 1974a: 66, 1982b: 1205.
- parilis** Wood 1975a: 31. Holotype ♂; 6 km W Tepic, Nayarit, Mexico, 1000 m; Wood Collection. Distribution: North America (Nayarit in Mexico). Hosts: Tree branch. References: (ds) Wood, S. L. 1982b: 1202. (tx) Wood, S. L. 1975a: 31, 1982b: 1202–1203.
- plaumanni** Schedl 1978c: 305. Holotype, sex?; Brasilien, Nova Teutonia, 300–400 m, 27 II Br., 52 23 L; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (tx) Schedl 1978c: 305
- politus** Eichhoff 1869a: 276. Holotype, sex?; Nov. Friburg; IRSNB, Brussels. Distribution: South America (Brazil). References: (ds) Blackwelder 1947: 783; Blandford 1905: 289; Gemminger & Harold 1872: 2692; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 337; Schedl 1973d: 160. (tx) Blandford 1905: 289; Eichhoff 1869a: 276, 1878b: 467; Hagedorn 1910a: 139.
- propugnatus** Blandford 1905: 297. Holotype ♀?; Cerro Zamil, Quezaltenango, Guatemala; BMNH, London. Figures: Blandford 1905: pl. 9. Distribution: North America (Costa Rica/ Guatemala). References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 95; Kleine 1913b: 157; Wood, S. L. 1982b: 1203. (tx) Blandford 1905: 297; Hagedorn 1910a: 139; Schedl 1934c: 38; Wood, S. L. 1967d: 55, 1982b: 1203.
- armatus** Schedl 1934c: 37. Holotype ♀?; Turrialba, Costa Rica; Schedl Collection in NHMW, Wien. Synonymy: Wood 1982b: 1203–1204. References: (ds) Blackwelder 1947: 783. (tx) Schedl 1934c: 37–38, 1979c: 26; Wood, S. L. 1982b: 1203.
- quadrimaculatus** Schedl 1966f: 127. Holotype, sex?; Chanchamajo, Peru; Schedl Collection in NHMW, Wien. Distribution: South America (Peru). References: (ds) Schedl 1966f: 92. (tx) Schedl 1966f: 127, 1979c: 208.
- rameus** Wood 1967d: 55. Holotype ♀; 5 km W El Salto, Durango, Mexico, 2500 m; Wood Collection. Figures: Wood 1967d: 54, 1982b: 1233 (declivity). Distribution: North America (Durango in Mexico). Hosts: *Quercus* sp. References: (hb) Wood, S. L. 1982b: 1196. (ds) Wood, S. L. 1982b: 1196. (tx) Wood, S. L. 1967d: 54–55, 1982b: 1196, 1233.
- rasilis** Schedl 1950i: 174. Syntypes ♀; Brazil, Santa Catharina, Nova Teutonia; Schedl Collection in NHMW, Wien, and Plaumann Collection. Distribution: South America (Brazil). Notes: (1) Schedl 1979c: 210 (citation of holotype invalid). References: (ds) Pedrosa-Macedo & Schonherr 1985: 56; Schedl 1960f: 92, 1967d: 4, 1970g: 46. (tx) Pedrosa-Macedo & Schonherr 1985: 56; Schedl 1950i: 174, 1979c: 210.
- retusus** Eichhoff 1869a: 276. Holotype, sex?; Amer. mer. (Cayenne); IRSNB, Brussels. Distribution: South America (Brazil/ Cayenne/ Ecuador). References: (ds) Blackwelder 1947: 783; Blandford 1905: 291; Gemminger & Harold 1872: 2692; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 337–338. (tx) Blandford 1904: 289, 291; Eichhoff 1869a: 276, 1878b: 466; Hagedorn 1910a: 139.
- schaufussi** Blandford 1905: 293. Holotype, sex?; Venezuela; Hamburg Museum, lost. Distribution: South America (Venezuela). References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 95; Kleine 1913b: 158, 1914b: 340. (tx) Blandford 1905: 290, 293; Hagedorn 1910a: 139; Wood, S. L. 1982b: 1199.

- speciosus (Schedl)** 1934c: 38 (*Tricolus*). Holotype, sex[?]; Hamburgfarm on Rio Reventazon, Limon, Costa Rica; Schedl Collection in NHMW, Wien. Distribution: North America (Costa Rica). Hosts: Tree. References: (ds) Blackwelder 1947: 783; Wood, S. L. 1982b: 1199. (tx) Schedl 1934c: 58, 1979c: 233; Wood, S. L. 1967c: 140, 1982b: 1199.
- spectabilis (Wood)** 1967c: 140 (*Tricolus*). Holotype ♀; Finca La Lola, Limon, Costa Rica; Wood Collection. Distribution: North America (Costa Rica). Hosts: *Theobroma cacao*. References: (hb) Wood, S. L. 1982b: 1199. (ds) Wood, S. L. 1982b: 1199. (tx) Wood, S. L. 1967c: 140, 1982b: 1199–1200.
- spectus Wood** 1980b: 358. Holotype ♂; Pichucalco, Chiapas, Mexico; Wood Collection. Distribution: North America (Chiapas, Veracruz in Mexico). Hosts: *Theobroma cacao*, *Zygia* sp. References: (ds) Atkinson & Equihua 1986a: 422; Wood, S. L. 1982b: 1200. (tx) Wood, S. L. 1980b: 358, 1982b: 1200.
- spinachius (Schedl)** 1939j: 584 (*Staganocranus*). Holotype, sex[?]; Brasilien; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (ds) Blackwelder 1947: 783. (tx) Schedl 1939j: 584, 1950i: 177, 1979c: 234.
- spinescens Wood** 1974a: 65. Holotype ♀; Rincon de Osa, Puntarenas, Costa Rica, 30 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: Tree limb. References: (hb) Wood, S. L. 1982b: 1204. (ds) Wood, S. L. 1982b: 1204. (tx) Wood, S. L. 1974a: 65, 1982b: 1204.
- spinosus Wood** 1974a: 65. Holotype ♀; Rincon de Osa, Puntarenas, Costa Rica, 30 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: Tree limb. References: (hb) Wood, S. L. 1982b: 1204. (ds) Wood, S. L. 1982b: 1204. (tx) Wood, S. L. 1974a: 65, 1982b: 1204–1205.
- splendens Wood** 1982a: 223. Holotype ♂; San Rafael, Mexico, Mexico; Wood Collection. Distribution: North America (Mexico in Mexico). Hosts: *Quercus* sp. References: (hb) Atkinson & Equihua 1985a: 101. (ds) Atkinson & Equihua 1985a: 101. (tx) Wood, S. L. 1982a: 223.
- stenodermis (Schedl)** 1963: 166 (*Pterocyclon*). Holotype, sex[?]; Cordoba [presumably in Veracruz, Mexico]; Schedl Collection in NHMW, Wien. Distribution: North America (Nayarit, Veracruz in Mexico). Hosts: Tree limb. References: (hb) Wood, S. L. 1982b: 1193. (ds) Wood, S. L. 1982b: 1193. (tx) Schedl 1963c: 166, 1979c: 237; Wood, S. L. 1982b: 1193.
- tenuis Blandford** 1905: 295. Holotype ♀; "Mexican" tobacco refuse [probably from Brazil]; BMNH, London. Figures: Blandford 1905: pl. 9. Distribution: South America (Brazil/Venezuela). Notes: All of Blandford's species named from Mexican tobacco refuse are actually from Brazil. References: (cc) Wichmann 1955a: 107. (hb) Wood, S. L. 1982b: 1197. (ds) Blackwelder 1947: 783; Ferrer 1942; Hagedorn 1910d: 95; Kleine 1913b: 158, 1914b: 354; Wichmann 1955a: 107; Wood, S. L. 1982b: 1197. (tx) Blandford 1905: 295; Hagedorn 1910a: 139; Schedl 1934c: 37, 1940a: 359, 1950i: 174; Wood, S. L. 1982b: 1197, 1202.
- terebella Blandford** 1905: 296. Holotype ♂?; Volcan de Chiriqui, Panama; BMNH, London. Figures: Blandford 1905: pl. 9. Distribution: North America (Panama), South America (Venezuela). Hosts: *Nectandra* sp., Guttiferae (near *Vismia* sp.). References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 95; Kleine 1913b: 158. (tx) Blandford 1905: 296; Hagedorn 1910a: 139.
- theobroma Sampson** 1912: 245. Holotype, sex[?]; Trinidad; BMNH, London. Distribution: Antilles Islands (Trinidad). Hosts: *Theobroma cacao*. References: (ds) Blackwelder 1947: 783; Kleine 1913b: 158, 1914b: 344. (tx) Sampson 1912: 245.
- thoracicus Erichson** 1836: 64. Holotype, sex[?]; Brasilien; MNB, Berlin. Distribution: South America (Brazil/ Cayenne/ Guyana). References: (ds) Blackwelder 1947: 783; Blandford 1905: 290; Gemminger & Harold 1872: 2692; Hagedorn 1910d: 95; Kleine 1914b: 337–338; Lacordaire 1866: 383; Numberg 1962: 223; Schedl 1966f: 79, 1967d: 4. (tx) Blandford 1905: 289–290; Castelnau 1840; Erichson 1836: 64; Ferrari 1867a: 48; Hagedorn 1910a: 139; Hopkins 1914: 116; Lacordaire 1866: 383; Lucas 1920: 90. *nitidulus* Guerin-Meneville 1835b: 107 (*Piczorhopalus*). Holotype, sex[?]; Brazil; not located. Synonymy: Blandford 1904: 290. References: (ds) Gemminger & Harold 1872: 2692; Lacordaire 1866: 383. (tx) Blandford 1904: 290; Eichhoff 1878b: 464; Ferrari 1867: 45; Guerin-Meneville 1835b: 107; Hopkins 1914: 127; Lacordaire 1866: 383.
- tornatilis Wood** 1974a: 64. Holotype ♀; 6 km S San Vito, Puntarenas, Costa Rica; Wood Collection. Distribution: North America (Costa Rica). Hosts: Tree. References: (ds) Wood, S. L. 1982b: 1195. (tx) Wood, S. L. 1974a: 64, 1982b: 1195–1199.

- torneutes* **Blandford** 1905: 292. Holotype, sex?; Chilpancingo, Guerrero, Mexico; BMNH, London. Figures: Blandford 1905: pl. 9. Distribution: North America (Guerrero at 1300 m in Mexico).
References: **(ds)** Blackwelder 1947: 753; Ferrer 1942; Hagedorn 1910d: 95; Kleine 1914b: 354; Wood, S. L. 1952b: 1201. **(tx)** Blandford 1905: 292; Hagedorn 1910a: 139; Schedl 1910a: 359; Wood, S. L. 1967d: 55, 1952b: 1201.
- truncatorus* **Schedl** 1950i: 175. Syntypes ♂; Brazil, Nova Tentonia; Schedl Collection in NHMW, Wien, and Plummann Collection. Distribution: South America (Brazil). Notes: (1) Schedl 1979c: 257 (corrects spelling, citation of holotype invalid).
References: **(ds)** Schedl 1967d: 4; Wood, S. L. 1952b: 1201. **(tx)** Schedl 1950i: 175, 1979c: 256; Wood, S. L. 1952b: 1201.
- ursus* **Schedl** 1934c: 37. Holotype ♀?; San Jose, Costa Rica, 1000–1500 m; Schedl Collection in NHMW, Wien. Distribution: North America (Costa Rica).
References: **(ds)** Blackwelder 1947: 753; Wood, S. L. 1952b: 1195. **(tx)** Schedl 1934c: 37, 1979c: 262; Wood, S. L. 1952b: 1195.
- ragabundus* (**Schedl**) 1966f: 124 (*Cosmocorypus*). Holotype ♀; Bolivien; Schedl Collection in NHMW, Wien. Distribution: South America (Bolivia).
References: **(ds)** Schedl 1966f: 50. **(tx)** Schedl 1966f: 50, 124, 1979c: 263.

Genus *Gnatharus* Wood & Yin

- GNATHARUS* WOOD & YIN 1956: 463. Type-species: *Gnatharus tibetensis* Wood & Yin, original designation.
Notes: (3) This is the only member of the subtribe Corthylina that occurs naturally in an area outside of America.
References: **(hb)** Wood, S. L. 1956a: 99. **(ds)** Wood, S. L. 1956a: 99. **(tx)** Wood, S. L. 1956a: 99; Wood, S. L. & Yin 1956: 463.
- tibetensis* **Wood & Yin** 1956: 463. Holotype ♀; Medog, Xizang [Tibet], China; IZAS, Beijing. Distribution: Asia (Xizang [Tibet] in China).
References: **(tx)** Wood, S. L. & Yin 1956: 463.

Genus *Monarthrum* Kirsch

- MONARTHURUM* KIRSCH 1866: 213. Type-species: *Monarthrum chapuisi* Kirsch, monobasic.
Corthylomimus Ferrari 1867a: 48. Type-species: *Bostrichus fasciatus* Say, subsequent designation by Hopkins 1914: 118. Synonymy: Eichhoff 1869c: 300.
References: **(tx)** Eichhoff 1869c: 297–301; Ferrari 1867a: 48; Hagedorn 1910d: 92; Hopkins 1914: 118; LeConte 1876: 153.
Cosmocorypus Ferrari 1867a: 62. Type-species:

Cosmocorypus cristatus Ferrari, monobasic. Synonymy: LeConte 1876: 348.
References: **(tx)** Eggers 1937a: 55; Eichhoff 1869c: 297–301; Ferrari 1867a: 62; Hagedorn 1910d: 92; LeConte 1876: 348; Wood, S. L. 1966b: 19.

- Pterocyclon* Eichhoff 1869a: 276. Type-species: *Pterocyclon laterale* Eichhoff, subsequent designation by Hopkins 1914: 125, neotype designated for type-species by Wood 1966b: 25. Synonymy: Eichhoff 1869c: 299.
References: **(en)** Brooks 1917: 1–15; Drake 1921: 201–205; Swabey 1935: 1–35. **(ds)** Swaine 1909: 141. **(tx)** Beal & Massey 1945: 59, 102; Blackman 1922b: 76, 80; Blandford 1895c: 6, 1904: 268–286; Eggers 1935a: 75–77, 153; Eichhoff 1869a: 276, 1869c: 297–301, 1875b: 437; Hagedorn 1910a: 147–149; Schedl 1935h: 343, 1952k: 161, 1959m: 545–557; Swaine 1918a: 45, 86–87; Wood, S. L. 1966b: 19.
- Anchonocerus* Eichhoff 1875b: 67, 431. Type-species: *Anchonocerus rufipes* Eichhoff = *Pterocyclon ingens* Eichhoff, monobasic. Synonymy: Wood 1977d: 512.
References: **(tx)** Blandford 1905: 250, 266; Eggers 1935a: 329; Eichhoff 1875b: 67, 431; Hagedorn 1910d: 95; Wood, S. L. 1977d: 512.
- Pluthorius* Eichhoff 1875b: 67, 433. Type-species: *Pterocyclon ingens* Eichhoff, monobasic. Synonymy: Eggers 1935a: 329.
References: **(tx)** Eggers 1935a: 329; Eichhoff 1875b: 67, 433.
- Trypocranus* Eichhoff 1875b: 67, 435. Type-species: *Trypocranus cincinnatus* Eichhoff, monobasic. Synonymy: Wood 1952b: 1206.
References: Eichhoff 1875b: 67, 435; Eggers 1935a: 76, 329; Schedl 1952k: 161; Wood, S. L. 1952b: 1206.
- Eupteroxydon* Eggers 1936a: 392. Type-species: *Eupteroxydon comatum* Eggers, monobasic. Synonymy: Wood 1956a: 266.
References: **(tx)** Eggers 1936a: 392–393; Wood, S. L. 1956a: 266.
- Keys: Blandford 1904: 269; Wood 1952b: 1207.
Notes: (3) Schedl 1939k: 726–727 (*Pterocyclon perduratum*, nomen nudum).
References: **(ay)** Nobuchi 1969a: 67. **(en)** Ebeling & Pence 1953: 31; Howard 1897: 84–87; Hubbard 1897: 9–30; Snyder 1927: 1–46. **(hb)** Bright & Stark 1973: 94; Wood, S. L. 1952b: 1206, 1956a: 99. **(ds)** Bright & Stark 1973: 94; Swaine 1909: 142; Wood, S. L. 1952b: 1206, 1956a: 99. **(tx)** Arnett 1960: 1045, 1965: 1045; Bright 1972d: 101, 1976d: 188–189; Bright & Stark 1973: 94; Chamberlin 1939: 279–283, 1958: 128–129; Dodge 1938: 14, 18, 37; Eggers 1935a: 75–78, 1936a: 392; Eichhoff 1869c: 297–301; Ferrari 1867a: 104–115; Kirsch 1866: 213, 1868: 214; LeConte 1876: 347; LeConte & Horn 1883: 517; Swaine 1918a: 86; Wood, S. L. 1964: 19, 1966b:

- 19, 1967d: 37–57, 1977d: 512, 1982b: 1206, 1986a: 99.
- aberrans** Schedl 1977e: 46. Holotype ♂; El Salvador, Metapan, 1600–2200 m; Schedl Collection in NHMW, Wien.
Distribution: North America (El Salvador).
Hosts: *Quercus* sp.
References: (tx) Schedl 1977e: 46.
- abruptum** (Nunberg) 1962: 233 (*Microcorthyus*). Holotype ♂; Estacao Biologica de Boraceia, Salesopolis, Estado de Sao Paulo, Brasilien; DZSA, Sao Paulo.
Distribution: South America (Brazil).
References: (tx) Nunberg 1962: 233.
- adjunctum** (Schedl) 1967d: 15 (*Pterocyclon*). Holotype ♀; Brasilien, Santa Catarina, Nova Teutonia; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1967d: 15–16, 1979c: 12.
- amphicranoides** (Schedl) 1963d: 225 (*Pterocyclon*). Holotype, sex?; Brasilien: Santa Catarina, Nova Teutonia; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1963c: 166, 1963d: 225, 1979c: 18.
- appendicium** (Schedl) 1967d: 14 (*Pterocyclon*). Holotype ♂; Brasilien, Nova Teutonia, Santa Catarina; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (ds) Schedl 1976a: 56, (tx) Schedl 1967d: 14–15.
- bicallosum** (Schedl) 1939j: 577 (*Pterocyclon*). Holotype, sex?; Brasilien; Schedl Collection in NHMW, Wien.
Figures: Schedl 1939j: 578.
Distribution: South America (Brazil).
Hosts: *Cedrela fissilis*.
References: (ds) Blackwelder 1947: 782; Schedl 1966f: 91, 1976a: 56; Schonherr & Pedrosa-Macedo 1981: 53, (tx) Schedl 1939j: 577–578, 1950i: 164–165, 1951h: 285, 1979c: 37.
- bicavum** Wood 1967d: 51. Holotype ♀; Laguna Santa Maria, Nayarit, Mexico, 1000 m; Wood Collection.
Figures: Wood 1967a: 46, 1982b: 1219 (declivity).
Distribution: North America (Nayarit in Mexico).
Hosts: *Quercus* sp.
References: (hb) Wood, S. L. 1982b: 1234, (ds) Wood, S. L. 1982b: 1234, (tx) Wood, S. L. 1967a: 46, 1967d: 51–52, 1982b: 1234.
- bicolor** (Ferrari) 1867a: 56 (*Corthyus*). Holotype ♀; Venezuela [presumably Colonia Tovar]; NHMW, Wien.
Distribution: South America (Venezuela).
Hosts: *Clusia* sp., etc.
References: (ds) Blackwelder 1947: 782; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 92; Kleine 1914b: 340, (tx) Ferrari 1867a: 54, 56; Wood, S. L. 1974d: 283.
- signatus** Ferrari 1867a: 56 (*Corthyus*). Syntypes ♂; Venezuela [presumably Colonia Tovar]; NHMW, Wien. Synonymy: Wood 1974d: 283.
References: (ds) Gemminger & Harold 1872: 2680, (tx) Ferrari 1867a: 54, 56; Wood, S. L. 1974d: 283.
- dentatus** Hagedorn 1903b: 549 (*Phthorinus*). Holotype ♂; Colonia Tovar, Venezuela; NHMW, Paris. Synonymy: Wood 1974d: 284.
Notes: (3) Eggers 1935a: 82 (redescribed).
References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 95; Kleine 1913b: 158, 1914b: 340, (tx) Eggers 1929c: 51, 1933b: 3, 1935a: 76–83; Hagedorn 1903b: 549, 1910a: 142; Wood, S. L. 1974d: 284.
- bicoloratum** Wood 1974d: 284. Holotype ♂; Mile 10 on Bartica-Potaro Road, British Guiana; BMNH, London, automatic.
Distribution: South America (Guyana).
References: (tx) Wood, S. L. 1974d: 284.
- bicolor** Wood 1968b: 4. Holotype ♂; Mile 10 on Bartica-Potaro Road, British Guiana; BMNH, London, preoccupied by Ferrari 1867.
References: (ds) Hagedorn 1910d: 92; Kleine 1913b: 156, (tx) Hagedorn 1910a: 148; Wood, S. L. 1968b: 4, 1974d: 284.
- bideus** (Blandford) 1904: 277 (*Pterocyclon*). Holotype ♂; Volcan de Chiriqui, Panama; BMNH, London.
Distribution: North America (Costa Rica/ Chiapas in Mexico/ Panama).
Hosts: *Conostegia oerstediana*.
References: (hb) Wood, S. L. 1982b: 1241, (ds) Blackwelder 1947: 782; Bright 1972a: 1385; Hagedorn 1910d: 92; Kleine 1913b: 156, 1914b: 367; Wood, S. L. 1982b: 1241, (tx) Blandford 1904: 277; Hagedorn 1910a: 148; Wood, S. L. 1982b: 1241.
- bidentatum** Wood 1974b: 142. Holotype ♂; 9 km NE Tezintlan, Puebla, Mexico; Wood Collection.
Distribution: North America (Puebla in Mexico).
Hosts: *Alnus* sp., and a tree limb.
References: (hb) Wood, S. L. 1982b: 1240, (ds) Wood, S. L. 1982b: 1240, (tx) Wood, S. L. 1974b: 142, 1982b: 1240.
- bifoveatum** Wood 1974b: 137. Holotype ♀; San Jose, San Jose, Costa Rica; Wood Collection.
Distribution: Antilles Islands (Dominican Republic in Hispanola [?]), North America (Costa Rica), South America (Venezuela).
Hosts: *Spondias purpurea*, and a tree limb.
References: (hb) Wood, S. L. 1982b: 1229, (ds) Bright 1985c: 176; Wood, S. L. 1982b: 1229, (tx) Bright 1985c: 176; Wood, S. L. 1974b: 137, 1982b: 1229.

- bispinum (Blandford)** 1905: 251 (*Pterocyclon*).
Holotype ♂: Bugaba, Chiriquí, Panama, 800–1500 ft.; BMNH, London.
Figures: Blandford 1905: pl. 9.
Distribution: North America (Costa Rica/Panama).
Hosts: Log.
References: (ds) Blackwelder 1947: 782; Hagedorn 1910d: 92; Kleine 1913b: 156, 1914b: 342, 367; Wood, S. L. 1982b: 1221. (tx) Blandford 1905: 251; Hagedorn 1910a: 148; Schedl 1952a: 159; Wood, S. L. 1982b: 1221.
- boliriensis Wood** 1959: 175. Holotype ♀: Bolivia, Yungas del Palmar, 2000 m; Schedl Collection in NHMW, Wien, automatic.
Distribution: South America (Bolivia).
References: (tx) Wood, S. L. 1959: 175.
- bolivianum Schedl** 1970e: 103 (*Cosmocorynus*).
Holotype ♀: Bolivia, Yungas del Palmar, 2000 m; Schedl Collection in NHMW, Wien, preoccupied by Eggers 1935.
References: (tx) Schedl 1970e: 103; Wood, S. L. 1959: 175.
- brasilienis (Schedl)** 1936i: 107 (*Anchonocerus*).
Holotype ♂: Nova Teutonia, S. Catharina, Brasilien; Schedl Collection in NHMW, Wien.
Figures: Pedrosa-Macedo & Schonherr 1955: 57.
Distribution: South America (Brazil).
Notes: (1) Schedl 1959m: 553 (to *Pterocyclon*, =*Monarthrum*). (3) Schedl 1959m: 553 (described female).
References: (ds) Blackwelder 1947: 783; Pedrosa-Macedo & Schonherr 1955: 57; Schedl 1966f: 92, 1967d: 4, 1972g: 46, 1976a: 56. (tx) Pedrosa-Macedo & Schonherr 1955: 57; Schedl 1936i: 107, 1951h: 285, 1952k: 161, 1959m: 553, 1979c: 44.
- brittoni (Schedl)** 1970e: 101 (*Pterocyclon*). Holotype ♂: Jamaica; Corn Puss Cap, St. Thomas-Portland Parish line, 2200 ft.; Schedl Collection in NHMW, Wien.
Figures: Bright 1972d: 59, 95.
Distribution: Antilles Islands (Jamaica).
References: (ds) Bright 1972d: 101, 1985c: 176. (tx) Bright 1972d: 59, 95, 101, 1985c: 176; Schedl 1957a: 194, 1970e: 101, 1979c: 48.
- brunneum (Eichhoff)** 1869a: 278 (*Pterocyclon*).
Holotype, sex?: Columbia; Hamburg Museum, lost.
Distribution: South America (Colombia).
References: (ds) Blackwelder 1947: 782; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 92; Kleine 1914b: 342. (tx) Eichhoff 1869a: 278, 1869c: 301, 1878b: 452; Hagedorn 1910a: 148.
- carinatum Wood** 1974b: 139. Holotype ♂: Cerro de la Muerte, San José, Costa Rica, 2600 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: Tree bole.
References: (hb) Wood, S. L. 1982b: 1237. (ds) Wood, S. L. 1982b: 1237. (tx) Wood, S. L. 1974b: 139, 1982b: 1237.
- carinulum Wood** 1974b: 144. Holotype ♂: Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: *Miconia caudata*, *Phoebe mexicana*, and a liana.
References: (hb) Wood, S. L. 1982b: 1243. (ds) Wood, S. L. 1982b: 1243. (tx) Wood, S. L. 1974b: 144, 1982b: 1243.
- chapuisi Kirsch** 1866: 213. Holotype ♂: Bogota, Colombia; MNB, Berlin.
Distribution: South America (Bolivia/Colombia).
Notes: (3) Eggers 1935a: 79 (re-described).
References: (ds) Blackwelder 1947: 783; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 92; Kleine 1914b: 342. (tx) Eggers 1929c: 51, 1935a: 76–83; Eichhoff 1869a: 277, 1869c: 299, 301, 1878b: 440; Ferrari 1967b: 105; Hagedorn 1910a: 148; Hopkins 1914: 125; Kirsch 1866: 213, 1868: 214; Wood, S. L. 1959: 175.
- bolivianum Eggers** 1935a: 80. Holotype ♀: Bolivia (Cochabamba); USNM, Washington.
Synonymy: Wood 1959: 175.
References: (ds) Blackwelder 1947: 783. (tx) Anderson, W. H. & Anderson 1971: 7; Eggers 1935a: 80; Schedl 1950i: 176, 1958c: 1, 1979c: 42; Wood, S. L. 1959: 175.
- cineinnatum (Eichhoff)** 1878b: 435 (*Trypocranus*).
Holotype ♀: America septentrionalis (Bogota); Hamburg Museum, lost.
Distribution: South America (Colombia).
References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 92; Kleine 1914b: 342. (tx) Eggers 1935a: 77–78; Eichhoff 1878b: 435; Hagedorn 1910a: 148; Hopkins 1914: 131.
- comatum (Eggers)** 1936a: 393 (*Eupteroxylon*).
Holotype ♀: Bolivia (Cochabamba); USNM, Washington.
Distribution: South America (Bolivia).
References: (ds) Blackwelder 1947: 783. (tx) Anderson, W. H. & Anderson 1971: 9; Eggers 1936a: 393–394.
- consimile (Blandford)** 1904: 275 (*Pterocyclon*).
Holotype ♀: Volcan de Chiriquí, Panama, 25–4000 ft.; BMNH, London.
Distribution: North America (Costa Rica/Panama).
Hosts: *Ochroma* sp.
References: (hb) Wood, S. L. 1982b: 1236. (ds) Blackwelder 1947: 782; Hagedorn 1910d: 92; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1236. (tx) Blandford 1904: 275; Hagedorn 1910a: 148; Wood, S. L. 1974d: 284, 1982b: 1236. *pseudosulcatum* Schedl 1935h: 348 (*Pterocyclon*).
Holotype ♀: Vara Blanca, Heredia, Costa Rica; Schedl Collection in NHMW, Wien. Synonymy: Wood 1974: 284.
References: (ds) Blackwelder 1947: 783. (tx)

Schedl 1935h: 345, 1979c: 202; Wood, S. L. 1974d: 254.

conversum Wood 1974b: 135. Holotype ♂; 6 km W Tepic, Nayarit, Mexico, 1000 m; Wood Collection. Distribution: North America (Jalisco, Nayarit in Mexico).

Hosts: Tree limb.

References: (hb) Wood, S. L. 1952b: 1236. (ds) Atkinson & Equihua 1955c: 362; Wood, S. L. 1952b: 1236. (tx) Wood, S. L. 1974b: 135, 1952b: 1236.

corculum Wood 1974b: 146. Holotype ♂; Turrialba, Cartago, Costa Rica, 700 m; Wood Collection. Distribution: North America (Costa Rica).

Hosts: *Theobroma cacao*, and a liana.

References: (hb) Wood, S. L. 1952b: 1245. (ds) Wood, S. L. 1952b: 1245. (tx) Wood, S. L. 1974b: 146, 1952b: 1245.

cordatum (Blandford) 1904: 279 (*Pterocyclon*). Holotype ♀; Quiche Mts., Guatemala; BMNH, London.

Distribution: North America (Guatemala/Panama). Hosts: *Quercus* sp.

References: (hb) Wood, S. L. 1952b: 1223. (ds) Blackwelder 1947: 752; Hagedorn 1910d: 92; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1952b: 1223. (tx) Blandford 1904: 279; Hagedorn 1910a: 145; Schedl 1935h: 349, 1952a: 460; Wood, S. L. 1952b: 1223.

corditicum Wood 1974b: 135. Holotype ♂; 30 km E Tulancingo, Hidalgo, Mexico, 2300 m; Wood Collection.

Distribution: North America (Hidalgo, Puebla in Mexico).

Hosts: *Quercus* sp.

References: (hb) Wood, S. L. 1952b: 1222. (ds) Atkinson & Equihua 1955: 92; Wood, S. L. 1952b: 1222. (tx) Wood, S. L. 1974b: 135, 1952b: 1222.

costatum (Eggers) 1937a: 55 (*Brachyspartus*). Syn-types, sex?; Brasilien (Bahia); BMNH, London. Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 754. (tx) Anderson, W. H. & Anderson 1971: 10; Eggers 1937a: 55–56; Schedl 1979c: 67.

cristatum (Ferrari) 1867a: 64 (*Cosmocorymus*). Holotype ♀; Venezuela [presumably Colonia Tovar]; NHMW, Wien.

Distribution: South America (Venezuela).

References: (ds) Gemminger & Harold 1872: 2693. (tx) Eggers 1937a: 54–55; Eichhoff 1868d: 419, 1869c: 301; Ferrari 1867a: 64; Hopkins 1914: 119; Schedl 1979c: 70; Wood, S. L. 1966b: 19. (ms) Eichhoff 1868d: 419.

dentatulum Wood 1959: 175. Holotype ♂; Bolivien (Cochabamba); USNM, Washington, automatic. Distribution: South America (Bolivia).

References: (tx) Wood, S. L. 1959: 175.

dentatum Eggers 1935a: 54. Holotype ♂; Bolivien

(Cochabamba); USNM, Washington, preoccupied by Eggers 1931.

References: (ds) Blackwelder 1947: 753; Schedl 1970e: 91; Wood, S. L. 1952b: 1216. (tx) Anderson, W. H. & Anderson 1971: 11; Eggers 1935a: 54; Schedl 1970e: 97, 1979c: 77; Wood, S. L. 1952b: 1216, 1959: 175.

dentatum (Eggers) 1931a: 19 (*Amphieranus*). Holotype ♂; Mineral del Chico, Hidalgo, Mexico; MNB, Berlin.

Distribution: Antilles Islands (Guadeloupe), North America (Hidalgo in Mexico).

References: (ds) Blackwelder 1947: 753; Schedl 1970e: 91. (tx) Eggers 1931a: 19; Schedl 1940a: 359; Wood, S. L. 1952b: 1216.

denticulatum Wood 1951: 122. Holotype ♂; Guadeloupe (Trois Rivières); Eggers Collection, in NHMW, Wien, automatic.

Distribution: Antilles Islands (Guadeloupe).

References: (ds) Bright 1955c: 176. (tx) Bright 1955c: 176; Wood, S. L. 1951: 122.

dentatum Eggers 1941a: 101 (*Pterocyclou*). Holotype ♂; Guadeloupe (Trois Rivières); Eggers Collection, in NHMW, Wien, preoccupied by Eggers 1931.

Notes: (3) Schedl 1970e: 97 (described female).

References: (tx) Eggers 1941a: 101; Schedl 1940a: 359, 1970e: 97.

dentigerum (LeConte) 1868: 154 (*Cryphalus*). Holotype ♂; middle California [USA]; MCZ, Cambridge.

Figures: Bright & Stark 1973: 163.

Distribution: North America (Baja California Norte in Mexico/Arizona, California, Oregon, W Texas in USA).

Hosts: *Quercus agrifolia*, *Q.* spp.

Notes: (1) The original (masculine) spelling was *dentiger*.

References: (ay) Francke-Grosmanu 1956b. (cn) Chamberlin 1939: 251; Doane & Gilliland 1929: 915–920; Doane et al. 1936; Keen 1935: 147; Linsley & MacLeod 1942: 601; Michelbacher & Ortega 1958: 62; Swaine 1915a: 86. (ce) Chamberlin 1939: 251; Francke-Grosmanu 1956b; Keen 1935: 147; Slaby 1947: 377; Steinlians 1946: 404; Webb 1945: 65. (hb) Bright & Stark 1973: 95; Chamberlin 1939: 251; Chittenden 1893a: 393; Doane & Gilliland 1929; Doane et al. 1936; Keen 1935: 147; Swaine 1915a: 86; Wood, S. L. 1952b: 1229. (ds) Bright & Stark 1973: 95; Chamberlin 1939: 251, 1955: 125; Furniss, R. L. & Carolin 1977: 398; Gemminger & Harold 1872: 2693; Hagedorn 1910d: 92; Henshaw 1882: 268, 1885: 147; Keen 1929a: 25, 1935: 147; Kleine 1913b: 157, 1914b: 391, 1934a: 171; Leug 1920: 339; Patterson & Hatch 1945: 152; Rivers 1856: 66; Swaine 1909: 142; Wood, S. L. 1959a: 62, 1972a: 425, 1952b: 1229. (tx) Bright & Stark 1973: 163; Chamberlin 1939: 251; Eichhoff 1875b: 449;

- Hagedorn 1910a: 148; Keen 1929a: 28; LeConte 1868: 154, 1876: 348-349; Swaine 1909: 142, 1918a: 86; Wood, S. L. 1959a: 62, 1972a: 428, 1982b: 1229.
- desum (Wood)** 1967d: 52 (*Microcorthylus*). Holotype ♂; 25 km E Morelia, Michoacan, Mexico, 2500 m; Wood Collection.
Figures: Wood 1967d: 46, 1982b: 1219 (declivity)
Distribution: North America (Chihuahua, Michoacan in Mexico).
Hosts: *Quercus* spp.
References: (hb) Atkinson & Equilma 1985a: 101; Atkinson et al. 1986: 49; Burgos & Saucedo 1983: 136; Wood, S. L. 1982b: 1235. (ds) Atkinson & Equilma 1985a: 101, 1985c: 362; Atkinson et al. 1986: 49; Burgos & Saucedo 1983: 136; Wood, S. L. 1982b: 1235. (tx) Wood, S. L. 1967d: 46, 52, 1982b: 1235.
- difficile (Blandford)** 1904: 276 (*Pterocyclon*). Holotype ♀; Volcan de Chiriqui, Chiriqui, Panama; BMNH, London.
Distribution: North America (Costa Rica/Panama).
Hosts: Small tree.
References: (ds) Blackwelder 1947; Hagedorn 1910d: 92; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1239. (tx) Blandford 1904: 276; Hagedorn 1910a: 148; Wood, S. L. 1982b: 1239.
- dimidiatum (Ferrari)** 1867a: 57 (*Corthylus*). Syn-types, sex?; Venezuela; NHMW, Wien.
Distribution: North America (Costa Rica/Panama), South America (Colombia/Venezuela).
Hosts: *Alexa imperitricia*, *Croton* sp., *Eschweilera corrugata*, etc.
References: (ds) Blackwelder 1947; Gemminger & Harold 1872: 2650; Hagedorn 1910d: 90, 92; Kleine 1913b: 156-157, 1914b: 340, 1934a: 171; Wood, S. L. 1982b: 1227. (tx) Eichhoff 1869c: 301; Ferrari 1867a: 54, 57, 1867b: 105; Hagedorn 1910a: 145, 148; Kirsch 1868: 214; Schedl 1939k: 726-727; Wood, S. L. 1979b: 135, 1982b: 1227.
- moritzi** Schedl 1939k: 727 (*Pterocyclon*). Holotype ♂; Venezuela, 1858, Moritz (Schedl 1979c: 159) [Moritz collected primarily near his home in Colonia Tovar]; Schedl Collection in NHMW, Wien. Synonymy: Wood 1979b: 135. Notes: (3) Schedl 1939k: 727 (cites *perduratum* Schedl, nomen nudum, synonymy).
References: (tx) Schedl 1939k: 727, 1954b: 40, 1979c: 159; Wood, S. L. 1979b: 135.
- distans (Schedl)** 1970e: 97 (*Pterocyclon*). Holotype, sex?; Argentina, Misiones, Dept. Concept. Santa Maria; Schedl Collection in NHMW, Wien.
Distribution: South America (Argentina/Brazil).
References: (ds) Schedl 1970e: 97, 1976a: 56. (tx) Schedl 1970e: 97, 1979c: 83.
- dubiosum (Schedl)** 1976a: 82 (*Pterocyclon*). Holotype, sex?; Carnau, Pernambuco [Brazil]; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 82.
- duplocordatum Eggers** 1935a: 86. Holotype ♂; Bolivien (Cochabamba); MNHN, Paris.
Distribution: South America (Bolivia).
References: (ds) Blackwelder 1947: 783. (tx) Eggers 1935a: 86.
- durum (Schedl)** 1972e: 74 (*Pterocyclon*). Holotype, sex?; Brasilien, Represa, Rio Grande, Guanabara; Schedl Collection in NHMW, Wien.
Figures: Pedrosa-Macedo & Schonherr 1985: 74.
Distribution: South America (Brazil).
References: (ds) Pedrosa-Macedo & Schonherr 1985: 58. (tx) Pedrosa-Macedo & Schonherr 1985: 58, 74; Schedl 1972e: 74, 1979c: 86.
- egeum (Blandford)** 1904: 280 (*Pterocyclon*). Holotype ♀; San Juan, Verapaz, Guatemala; BMNH, London.
Distribution: North America (Costa Rica/ Guatemala), South America (Brazil/ Colombia).
Hosts: Leguminous trees.
References: (cc) Wichmann 1955a: 107. (hb) Atkinson & Equilma 1985c: 361; Wood, S. L. 1982b: 1226. (ds) Atkinson & Equilma 1985c: 361; Blackwelder 1947: 782; Hagedorn 1910d: 92; Kleine 1913b: 157, 1914b: 367; Schedl 1966f: 92, 1972g: 46, 1973d: 161; Wichmann 1955a: 107; Wood, S. L. 1982b: 1226. (tx) Blandford 1904: 280; Hagedorn 1910a: 148; Schedl 1935l: 347, 1939e: 68, 1939k: 726, 1940c: 208, 1950i: 167; Wood, S. L. 1974d: 284, 1982b: 1226.
- bisetosus** Schedl 1954b: 38 (*Brachyspartus*). Lectotype ♀; Rio Caraguata, Matto Grosso, Brazil; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 41. Synonymy: Wood 1974d: 284.
References: (tx) de Ruelle 1970: 98; Schedl 1954b: 38, 1979c: 41; Wood, S. L. 1966b: 18, 24, 1974d: 284, 1979c: 41.
- elegans (Eichhoff)** 1869a: 277 (*Pterocyclon*). Holotype, sex?; Brasilia; Hamburg Museum, lost.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 92; Kleine 1913b: 157, 1914b: 337. (tx) Eggers 1935a: 78; Eichhoff 1869a: 277, 1869c: 301, 1878b: 437; Hagedorn 1910a: 148.
- eumerum (Schedl)** 1952a: 459 (*Pterocyclon*). Syn-types 2 ♂; Argentina, Misiones, Dep. Concep., Sta. Maria; I in Schedl Collection in NHMW, Wien, and I in Viana Collection.
Distribution: South America (Argentina).
Notes: (1) Schedl 1979c: 92 (citation of holotype invalid).
References: (tx) Schedl 1952a: 459, 1979c: 92.
- excavatus (Eggers)** 1935a: 330 (*Anchonocerus*). Holotype ♂; Bolivien (Cochabamba); USNM, Washington.
Distribution: South America (Bolivia).
References: (ds) Blackwelder 1947: 783. (tx) Anderson, W. H. & Anderson 1971: 13; Eggers 1935a: 330.

exornatum (Schedl) 1939j: 575 (*Pterocyclon*).
Holotype ♂: Colonia (vermutlich Mexico); Schedl
Collection in NHMW, Wien.

Distribution: North America (Costa Rica/ Vera-
cruz in Mexico), South America (Colombia/
Venezuela).

Hosts: *Alexia imperitricia*, *Coffea arabica*, *Ficus* sp.
References: (hb) Wood, S. L. 1982b: 1237. (ds)
Blackwelder 1947: 782; Ferrer 1942; Wood, S. L.
1982b: 1237. (tx) Schedl 1939j: 575, 1939k: 727,
1940a: 359, 1950a: 167, 1963c: 167, 1979c: 94;
Wood, S. L. 1966b: 25, 1982b: 1237.

gracilicornum Schedl 1939j: 576 (*Pterocyclon*).
Holotype ♂: Mexico, Jalapa; Schedl Collection
in NHMW, Wien. Synonymy: Wood 1966b: 25.
References: (ds) Blackwelder 1947: 782;
Ferrer 1942. (tx) Schedl 1939j: 576, 1939k:
727, 1940a: 359, 1979c: 107; Wood, S. L.
1966b: 25.

fasciatum (Say) 1826: 255 (*Bostrichus*). Syntypes,
sex²; Sinepuxent Bay, New York [USA]; lost.

Figures: Blackman 1922b: pl. 10, fig. 53, Bright
1976d: 189, Roling & Kearby 1974: 1303, 1305.

Distribution: North America (Arkansas, Connect-
icut, District of Columbia, Florida, Georgia,
Illinois, Indiana, Iowa, Kansas, Kentucky, Louisi-
ana, Maryland, Massachusetts, Michigan, Missis-
sippi, Missouri, New Jersey, New York, North
Carolina, Ohio, Pennsylvania, South Carolina,
Tennessee, Texas, Virginia, West Virginia, Wiscon-
sin in USA).

Hosts: *Acer rubrum*, *Carya* spp., *Castanea*
dentata, *Liquidambar styraciflua*, *Mimosa* sp.,
Nyssa sp., *Pinus* sp., *Prunus* sp., *Quercus alba*, *Q.*
digitata, *Q. rubra*, *Q.* spp.

References: (ay) Batra 1963b: 227; Hopkins
1894g; Lowe, R. E., Giese, & McManus 1967:
451; Roling & Kearby 1974; Schneider 1976. (bv)
Atkinson, Foltz, & Connor 1985; Dethier 1947;
Haack, R. A., Benjamin, & Haack 1983; Hosking
& Knight 1975; Kovach 1986a; Roling & Kearby
1975a, 1975b, 1977; Turnbow & Franklin 1980.
(cn) Anonymous 1960q, 1964h, 1973g, 1977f;
Beal et al. 1952; Blackman 1950; Brooks 1916: 14,
1917: 1-15; Chamberlin 1939: 281; Christian
1939; Comstock 1880: 274-275; Davis 1895;
Doane et al. 1936; Dorsey & Leech 1956: 220-
224; Dorsey et al. 1953: 419-420; Felt 1906: 751;
Forbes 1894: 23; Gagne & Kearby 1978: 1013;
Gahan 1906: 81; Gorman 1905: 68-74; Gossard
1911: 206, 1913: 61, 1914: 11; Herrick 1935: 43;
Himelick & Curl 1958: 539-541; Hopkins 1899c:
347, 442, 1904: 45; Howard 1897: 85; Hubbard
1897b: 27-28; Kleine 1932a: 304; Kovach 1986a;
Kovach & Gorsuch 1985; Lugger 1899a: 308;
Packard 1890: 328-520; Quaintance & Siegler
1922: 66, 1931b: 75; Roling & Kearby 1973, 1977;
Swaine 1918a: 86. (ec) Batra 1963b: 216; Batra &
Michie 1963: 475; Chamberlin 1939: 281; Currie

1905; Felt 1906: 751; Haack, R. A., Benjamin, &
Haack 1983; Hagedorn 1907c; Hirschmann
1972a; Jewell 1956: 251; Lowe, R. E., Giese, &
McManus 1967: 451; Roling & Kearby 1974,
1977; Schneider 1963: 661, 1976; Slaby 1947:
378; Steinhaus 1946: 404, 1949: 92; Verrill 1943:
135-137, 142-143; Webb 1945: 68; Wertz, Skelly,
& Merrill 1971. (hb) Atkinson, Foltz, & Connor
1985; Baker, W. L. 1972: 267; Batra 1963b: 221;
Beal & Massey 1945: 102-104; Blackman 1922b,
1950; Chamberlin 1939: 281; Chittenden 1890,
1893a: 391; Deyrup & Atkinson 1987a: 66; Doane
et al. 1936; Felt 1906: 751; Forbes 1894: 23;
Haack, R. A., Benjamin, & Haack 1983; Herrick
1935: 43; Hopkins 1894g, 1899c: 442; Hubbard
1897b: 27; Kleine 1932a: 304; Kovach 1986a;
Lugger 1899a: 308; Ostmark 1968; Packard 1890:
328; Pierce, W. D. 1907: 290; Roling & Kearby
1973, 1974a, 1974b; Swaine 1918a: 86. (ds) Anon-
ymous 1926c: 517, 1964h, 1977f; Atkinson et al.
1991: 162; Beal & Massey 1945: 102-104;
Beaulne 1956; Blackman 1922b: 81-82, 1950;
Blandford 1895b; Blatchley & Leng 1916: 641;
Bright 1976d: 191; Britton 1920a; Chamberlin
1925, 1939: 281; Chittenden 1890; Cola 1973;
Deyrup 1981b: 5; Deyrup & Atkinson 1987a: 66;
Dodge 1938; Dolphin, Monzin, & Cleveland
1972: 1600; Droz 1955: 370; Frost & Dietrich
1929; Gagne & Kearby 1978: 1013; Gemminger
& Harold 1872: 2680; Hagedorn 1910d: 92; Ham-
ilton 1895a: 346, 375; Henshaw 1885: 147;
Hoffmann 1940: 60, 1942: 12; Hopkins 1893a:
128, 1893b: 277; Hubbard & Schwarz 1878a: 665;
Kirk 1969, 1970; Kleine 1913b: 157, 1914b: 399,
1932a: 304, 1934a: 171; Lacordaire 1866: 385;
Leng 1920: 339; Leonard 1928: 517; Melsheimer
1806: 8, 1853: 87; Ostmark 1968; Roling &
Kearby 1974; Schneider & Farrier 1969: 413;
Smith, J. B. 1900: 361, 1910: 401; Swaine 1909:
143; Turnbow & Franklin 1980; Wood, S. L.
1982b: 1235. (tx) Beal & Massey 1945: 102-104;
Blackman 1922b: 81-82; Blandford 1895b;
Blatchley & Leng 1916: 641; Bright 1976d: 189,
191; Chamberlin 1939: 281; Dodge 1938: 28;
Eggers 1935a: 75; Eichhoff 1868d: 419, 1869a:
277, 1869c: 297-301, 1878b: 442-444; Erichson
1836: 64, 79; Ferrari 1867a: 48-49; Hagedorn
1910a: 148; Hopkins 1914: 118; Hubbard 1897b:
27; Jacques 1951: 352; Lacordaire 1866: 385;
LeConte 1868: 153, 1876: 348, 1878a: 468, 665;
Lucas 1920: 556; Motschulsky 1856: 10; Roling &
Kearby 1974: 1303, 1305; Say 1826: 253-255;
Swaine 1909: 143, 1918a: 86; Wood, S. L. 1982b:
1235; Zimmermann 1868: 143. (ms) Eichhoff
1868d: 419; Lucas 1920: 556.

simile Eichhoff 1869a: 277 (*Pterocyclon*). Syn-
types, sex²; America bor. [USA]; Hamburg
Museum, lost. Synonymy: LeConte 1876: 348.
References: (ds) Gemminger & Harold 1872:
2680; Leng 1920: 339; Swaine 1909: 142. (tx)

- Eichhoff 1869a: 277, 1869c: 301; LeConte 1876: 348; Swaine 1909: 142, 1915a: 86.
- gracile* Eichhoff 1875b: 444 (*Pterocyclon*). Syn- types, sex \varnothing : Tennessee, Pennsylvania, Carolina [USA]; Hamburg Museum, lost. Synonymy: Eichhoff 1875b: 444.
References: (ds) Hagedorn 1910d: 93; Kleine 1913b: 157, 1914b: 393; Leng 1920: 339; Swaine 1909: 142, (tx) Eichhoff 1875b: 444; Hagedorn 1910a: 148; Swaine 1909: 142.
- fastigiorum* Wood 1974b: 141. Holotype \varnothing : Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: Liana.
References: (ds) Wood, S. L. 1982b: 1240, (tx) Wood, S. L. 1974b: 141, 1982b: 1240.
- fenestratum* Eggers 1935a: 85. Holotype \varnothing : Bolivien (Cochabamba); MNIN, Paris.
Distribution: South America (Bolivia).
References: (ds) Blackwelder 1947: 783, (tx) Eggers 1935a: 85, 1979c: 95.
- ferrarii* (Blandford) 1905: 284 (*Pterocyclon*). Holotype \varnothing : Volcan de Chiriqui, Panama; BMNH, London.
Figures: Blandford 1905:pl. 5.
Distribution: North America (Veracruz in Mexico/Panama), South America (Venezuela).
References: (ds) Blackwelder 1947: 782; Hagedorn 1910d: 92; Kleine 1913b: 157, 1914b: 340, 367, (tx) Blandford 1905: 284; Hagedorn 1910a: 148; Wood, S. L. 1982b: 1233.
- fimbriaticorne* (Blandford) 1905: 285 (*Pterocyclon*). Holotype \varnothing : Pirula, Alta Verapaz, Guatemala; BMNH, London.
Figures: Blandford 1905:pl. 5.
Distribution: North America (Costa Rica/ Guatemala/Veracruz in Mexico), South America (Brazil/ Venezuela).
Hosts: *Erythrina costaricensis*, *Parkinsonia aculeata*, *Spondias purpurea*, *Theobroma cacao*.
References: (hb) Wood, S. L. 1982b: 1232, (ds) Atkinson & Equilina 1985c: 362; Blackwelder 1947; Bright 1972a: 1385; Hagedorn 1910d: 93; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1232, (tx) Blandford 1905: 285; Hagedorn 1910a: 148; Wood, S. L. 1974d: 285, 1982b: 1232.
- turbinatum* Schedl 1961i: 230 (*Pterocyclon*). Holotype σ : Cordoba, Veracruz, Mexico; C.A.S., San Francisco. Synonymy: Wood 1974d: 285.
References: (ds) Schedl 1960a: 75, 1961i: 230, 1976a: 56; Wood, S. L. 1974d: 285, (tx) Schedl 1961i: 230, 1979c: 259.
- flohri* (Schedl) 1950i: 168 (*Pterocyclon*). Holotype \varnothing : Mexico; Schedl Collection in NHMW, Wien.
Distribution: North America ("Mexico").
References: (ds) Wood, S. L. 1982b: 1228, (tx) Schedl 1950i: 168, 1979c: 98; Wood, S. L. 1982b: 1228.
- fulgens* Schedl 1971f: 153. Holotype σ : Ecuador: Quito; UZM.C., Copenhagen.
Distribution: South America (Ecuador).
References: (tx) Schedl 1971f: 153, 1979c: 101.
- gibber* (Schedl) 1952a: 460 (*Pterocyclon*). Holotype \varnothing : Argentina, Concepcion; Eggers Collection, in NHMW, Wien.
Distribution: South America (Argentina/ Brazil).
References: (ds) Schedl 1972g: 46, (tx) Schedl 1952a: 460, 1979c: 104.
- glabriculum* (Schedl) 1976a: 82 (*Pterocyclon*). Holotype, sex \varnothing : Brazil; Represa Rio Grande, Guanabara; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 82.
- glabrifrons* (Blandford) 1904: 278 (*Pterocyclon*). Lectotype \varnothing : Quiche Mts., Guatemala, 7000–9000 ft.; BMNH, London.
Distribution: North America (Guatemala).
References: (ds) Blackwelder 1947: 782; Hagedorn 1910d: 118; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1243, (tx) Blandford 1904: 278; Hagedorn 1910a: 148; Wood, S. L. 1982b: 1243.
- gnarum* (Schedl) 1950i: 169 (*Pterocyclon*). Holotype \varnothing : Mexico; Schedl Collection in NHMW, Wien.
Figures: Bright 1972a: 1384.
Distribution: North America (Chiapas, Hidalgo, Oaxaca in Mexico).
Hosts: *Quercus* sp.
References: (hb) Wood, S. L. 1982b: 1220, (ds) Wood, S. L. 1982b: 1220, (tx) Schedl 1950i: 169, 1979c: 106; Wood, S. L. 1974d: 285, 1982b: 1220.
- spinatus* Bright 1972a: 1383 (*Amphicranus*). Holotype σ : 51 km S Valle Nacional, Oaxaca, Mexico; CNCI, Ottawa. Synonymy: Wood 1974d: 285.
References: (tx) Bright 1972a: 1383–1384; McNamara 1977: 194; Wood, S. L. 1974d: 285.
- gracilentum* (Schedl) 1972e: 75 (*Pterocyclon*). Holotype, sex \varnothing : Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1972e: 75, 1979c: 107.
- gracilior* (Schedl) 1959m: 553 (*Pterocyclon*). Holotype σ : Brazil; Nova Teutonia; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) de Ruette 1970: 113; Schedl 1959m: 553, 1979c: 107.
- granulatum* Bright 1972a: 1382. Holotype σ : 24 km S Valle Nacional, Oaxaca, Mexico, 1300 m; CNCI, Ottawa.
Distribution: North America (Oaxaca, Puebla in Mexico).
Hosts: Tree branch.
References: (ds) Wood, S. L. 1982b: 1244, (tx)

- Bright 1972a: 1377, 1352; McNamara 1977: 196; Wood, S. L. 1952b: 1244.
- hagedorni** (Schedl) 1939k: 727 (*Pterocyclon*). Holotype, sex?; Campoi Guyanae; MNHN, Paris, automatic. Distribution: South America (Guyana). References: (ds) Blackwelder 1947: 783. (tx) Schedl 1939k: 727.
- dimidiatum** Hagedorn 1903b: 550 (*Pterocyclon*). Holotype, sex?; Campoi Guyanae; MNHN, Paris, preoccupied by Ferrari 1867. References: (tx) Hagedorn 1903b: 550; Schedl 1939k: 727.
- hoegi** (Blandford) 1904: 274 (*Pterocyclon*). Holotype, sex?; Jalapa, Veracruz, Mexico; BMNH, London. Figures: Bright 1972a: 1377. Distribution: North America (Oaxaca, Puebla in Mexico). Hosts: *Alnus* sp., *Miconia* sp. References: (hb) Wood, S. L. 1952b: 1225. (ds) Blackwelder 1947: 783; Ferrer 1942; Hagedorn 1910d: 93; Kleine 1913b: 157, 1914b: 353; Wood, S. L. 1952b: 1225. (tx) Blandford 1904: 274; Hagedorn 1910a: 148; Schedl 1940a: 359; Wood, S. L. 1952b: 1225.
- oaxacaensis** Bright 1972a: 1352. Holotype ♂; 51 km S Valle Nacional, Oaxaca, Mexico; CNCI, Ottawa. Synonymy: Wood 1952b: 1225. References: (tx) Bright 1972a: 1377, 1352; McNamara 1977: 196; Wood, S. L. 1952b: 1225.
- huachucae** Wood 1959a: 61. Holotype ♂; Miller Canyon, Huachuca Mts., Arizona [USA]; USNM, Washington. Distribution: North America (Arizona in USA). Hosts: *Quercus hypoleucooides*. References: (ds) Furniss, R. L. & Carolin 1977: 395; Wood, S. L. 1959a: 61, 1952b: 1217. (tx) Wood, S. L. 1959a: 61, 1952b: 1217.
- infradentatum** Wood 1974b: 145. Holotype ♂; Rincon de Osa, Puntarenas, Costa Rica, 30 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: Tree limb. References: (ds) Wood, S. L. 1952b: 1244. (tx) Wood, S. L. 1974b: 145, 1952b: 1244.
- ingens** (Eichhoff) 1869a: 275 (*Pterocyclon*). Holotype, sex?; Columbia; IRSNB, Brussels. Distribution: South America (Colombia/ Peru). References: (ds) Blackwelder 1947: 753; Gemminger & Harold 1872: 2680; Kleine 1913b: 155, 1914b: 342. (tx) Eggers 1935a: 329–334; Eichhoff 1869a: 275–279, 1869c: 301, 1878b: 433; Hopkins 1914: 127; Lucas 1920: 507. (ms) Lucas 1920: 507.
- rufipes** Eichhoff 1878b: 431 (*Anchocercus*). Holotype ♀; America meridionalis (Nova Granada); IRSNB, Brussels. Synonymy: Eggers 1935a: 329. References: (ds) Hagedorn 1910d: 95; Kleine 1913b: 158, 1914b: 342. (tx) Eggers 1935a: 329; Eichhoff 1878b: 431; Hagedorn 1910a: 141; Hopkins 1914: 116; Lucas 1920: 94. (ms) Lucas 1920: 94.
- assagens** Schedl 1975c: 302 (*Pterocyclon*). Holotype, sex?; Peru, Dep. Cuzco, Marcapata-Thal, Nbl. d. Madre de Dios, 3000 m; Schedl Collection in NHMW, Wien. Synonymy: Wood 1959: 175. References: (tx) Schedl 1975c: 302; Wood, S. L. 1959: 175.
- insignatum** Wood 1974b: 141. Holotype ♀; Volcan Poas, Heredia, Costa Rica, 2600 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: Tree branch, and a shrub. References: (ds) Wood, S. L. 1952b: 1240. (tx) Wood, S. L. 1974b: 141, 1952b: 1240.
- insolitum** (Schedl) 1976a: 53 (*Pterocyclon*). Holotype, sex?; Brazil; Manaus, Amazonas; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (tx) Schedl 1976a: 53.
- intermedium** Schedl 1970e: 105. Holotype ♀; Bolivien, Jungas, de Arepicho, Chacisacho, ca 1500 m; ZSSM, München. Distribution: South America (Bolivia). References: (tx) Schedl 1970e: 105.
- laevigatum** (Eichhoff) 1869a: 278 (*Pterocyclon*). Holotype, sex?; Brasilia; Hamburg Museum, lost. Distribution: South America (Brazil). References: (ds) Blackwelder 1947: 783; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 93; Kleine 1913b: 157, 1914b: 337; Schedl 1972g: 46, 1976a: 56. (tx) Eichhoff 1869a: 278, 1869c: 301, 1878b: 449; Hagedorn 1910: 145; Schedl 1939j: 574, 1972g: 46.
- laterale** (Eichhoff) 1869a: 278 (*Pterocyclon*). Holotype ♂; Mexico; Hamburg Museum, lost, neotype: Toxpan, Mexico; BMNH, London, designated by Wood 1966b: 25. Figures: Atkinson et al. 1986: 48. Distribution: North America (Costa Rica/ Guatemala/ Michoacan, Morelos, Puebla, Veracruz in Mexico), South America (Venezuela). Hosts: *Alnus* sp., *Quercus* sp., etc. References: (hb) Atkinson et al. 1986: 50; Burgos & Saucedo 1983: 134; Wood, S. L. 1952b: 1231. (ds) Atkinson et al. 1986: 50; Blackwelder 1947: 753; Blandford 1905: 251; Burgos & Saucedo 1983: 134; Ferrer 1942; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 93; Kleine 1913b: 157, 1914b: 353, 367; Wood, S. L. 1952b: 1231. (tx) Atkinson et al. 1986: 48; Blandford 1905: 251; Eggers 1929c: 51; Eichhoff 1869a: 275, 1869c: 301, 1878b: 439; Hagedorn 1910a: 145; Hopkins 1914: 128; Schedl 1935h: 351, 1936i: 105, 1940a: 359; Wood, S. L. 1966b: 25, 1952b: 1231.
- trifasciatus** Schedl 1950i: 173 (*Cosmocerinus*).

Holotype ♀; Mexico: Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 25. References: (tx) Schedl 1950i: 173, 1979c: 255; Wood, S. L. 1966b: 25.

latum (Schedl) 1966f: 126 (*Cosmocorynus*). Holotype ♂; Unleserlich, vielleicht Maydes, vermutlich Columbien; Schedl Collection in NHMW, Wien. Distribution: South America (possibly Colombia). References: (ds) Schedl 1966f: 79. (tx) Schedl 1966f: 126, 1979c: 137.

limulum Wood 1974b: 143. Holotype ♂; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: Liana. References: (hb) Wood, S. L. 1952b: 1242. (ds) Wood, S. L. 1952b: 1242. (tx) Wood, S. L. 1974b: 143, 1952b: 242.

lobatum (Ferrari) 1867a: 57 (*Corthylius*). Holotype ♂; Venezuela; NHMW, Wien. Figures: Blandford 1905: pl. 8. Distribution: North America (Costa Rica/ Guatemala), South America (Venezuela). Hosts: *Clusia* sp., *Nectandra* sp., *Spodius purpurea*, etc. References: (hb) Wood, S. L. 1952b: 1230. (ds) Blackwelder 1947: 753; Blandford 1905: 283; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 93; Kleine 1913b: 157, 1914b: 340, 367; Wood, S. L. 1952b: 1230. (tx) Blandford 1905: 283; Ferrari 1867a: 54, 57; Hagedorn 1910a: 148; Wood, S. L. 1952b: 1230.

longus (Schedl) 1950i: 172 (*Anchionocerus*). Holotype ♀; Bolivia, Cochabamba; Eggers Collection, in NHMW, Wien. Distribution: South America (Bolivia). References: (tx) Schedl 1950i: 172, 1979c: 142.

luctuosum (Blandford) 1904: 276 (*Pterocyclon*). Holotype ♂; Cerro Zamil, Guatemala, 4000 ft.; BMNH, London. Distribution: North America (Guatemala/ Puebla in Mexico). Hosts: *Quercus* sp. References: (hb) Wood, S. L. 1952b: 1225. (ds) Atkinson & Equilna 1955c: 361, 1955a: 92; Blackwelder 1947: 753; Hagedorn 1910d: 93; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1952b: 1225. (tx) Blandford 1904: 276; Hagedorn 1910a: 148; Wood, S. L. 1952b: 1225.

mali (Fitch) 1855: 326 (*Tomicus*). Syntypes, sex?; Middlefield, Massachusetts [USA]; not located. Figures: Blackman 1922b: pl. 10, fig. 54, Dillon & Dillon 1961: 801. Distribution: Antilles Islands (Cuba), North America (British Columbia in Canada, introduced/ Alabama, Arkansas, California, Connecticut, District of Columbia, Florida, Illinois, Indiana, Iowa, Kentucky, Louisiana, Maine,

Maryland, Massachusetts, Michigan, Minnesota, Mississippi, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Tennessee, E. Texas, Virginia, Vermont, West Virginia, Wisconsin in USA). Hosts: *Acer rubrum*, *Betula lutea*, *Fagus americana*, *Liquidambar styraciflua*, *Nyssa* sp., *Quercus rubra*, *Tilia* sp.

Notes: (3) Three specimens from California and one from British Columbia have been examined; whether these represent errors in labeling, interceptions, or established populations is not yet known (SIW).

References: (ay) Hopkins 1894g; Schneider 1976. (bv) Atkinson, Foltz, & Connor 1955; Dethier 1947; Meixner 1937: 1215; Roling & Kearby 1975b, 1977; Turnbow & Franklin 1980. (cn) Anonymous 1976c; Beal et al. 1952; Blackman 1950; Brooks 1916: 13, 1917: 1–15; Chamberlin 1939: 252; Christian 1939; Collins & Connola 1955; Connola et al. 1956: 1–36; Craighead 1935: 139; Davis 1895; Doane et al. 1936; Felt 1901: 517–518, 1905: 289–292, 1906: 336, 1924: 277, 1926: 247–248, 277; Felt & Rankin 1932: 145; Fletcher 1858: 15; Garman 1905: 65–70; Gossard 1913: 62, 1914: 12; Herrick 1935: 375; Hopkins 1894b: 295, 1894g: 277, 1895d: 47, 1899c: 347, 442, 1904a: 45, 1905a: 384, 1907b, 1909c: 65, 1910g: 65; Howard 1897: 85; Hubbard 1897b: 26–28; Keen 1938: 147; Kleine 1932a: 304; Leach 1940b: 61; Lintner 1878: 455, 1896: 270; Lugger 1899a: 306, 308; Packard 1890: 93–94; Pierson 1927: 89; Quaintance & Siegler 1922: 66, 1931b: 75; Roling & Kearby 1973, 1977; Saunders 1853: 24; Schneider 1963: 661; Slingerland & Crosby 1914: 198; Swaine 1918a: 86–87; Wheeler 1922: 520. (cc) Batra 1963b: 216; Chamberlin 1939: 252; Currie 1905; Dorsey & Leach 1956: 220–224; Felt 1906: 289; Jewell 1956: 251; Leach 1940b: 61; Roling & Kearby 1977; Schneider 1976; Slaby 1947: 375; Steinhaus 1946: 404; Thompson, W. R. & Simmonds 1964: 30, 1965: 68; Verrall 1941: 552, 1943: 135–137, 142–143; Webb 1945: 68. (hb) Atkinson, Foltz, & Connor 1955; Baker, W. L. 1972: 267; Beal & Massey 1945: 103–104; Blackman 1922b: 80–81, 1950; Chamberlin 1939: 252; Chittenden 1890, 1893a: 392, 1897: 79; Dillon & Dillon 1961: 810; Deyrup & Atkinson 1957a: 66; Doane et al. 1936; Drake 1921: 201, 205; Druoz 1955: 370; Felt 1906: 289, 1926: 247–248, 277; Felt & Rankin 1932: 145; Fitch 1856: 5, 8–9; Herrick 1935: 375; Hoffmann 1941; Hopkins 1894g, 1899c: 442, 1904a: 45, 1905a: 384; Hubbard 1897b: 26; Kleine 1932a: 304; Lengerken 1954: 312; Lugger 1899a: 308; Morstatt 1924: 7, 40; Ostmark 1968; Packard 1890: 93; Pierce, W. D. 1907: 290; Pierson 1927: 89; Roling & Kearby 1973; Saunders 1853: 24; Skinner 1905: 248; Swaine 1907: 191, 1918a: 86, 87; Titus & Pratt 1904: 19; Wood, S. L. 1952b: 1234. (ds) Anonymous 1926c: 517, 1976c; Atkinson et al.

- 1991: 162; Beal & Massey 1945: 103–104; Beaulne 1956; Blackman 1922b: 80–81, 1950; Blackwelder 1947: 783; Blandford 1904: 279; Blatchley & Leng 1916: 641; Bright 1976d: 191, 204, 214, 1955c: 176; Britton 1920a; Chamberlin 1925, 1939: 282; Chittenden 1890; Currie 1905; Deyrup 1981b: 9; Deyrup & Atkinson 1957a: 66; Dillon & Dillon 1961: 801; Dodge 1938: 36, 39; Dolphin, Mouzin, & Cleveland 1972: 1600; Drake 1921: 201, 205; Drooz 1985: 370; Felt 1926: 247–248, 277, 1930a: 247–248; Felt & Rankin 1932: 145; Ferrer 1942; Gemminger & Harold 1872: 2693; Hagedorn 1910d: 93; Hamilton 1895a: 378; Henshaw 1885: 147; Hoffmann 1942: 12; Hopkins 1893a: 128, 1893b: 208, 1894: 295; Kaston 1938: 240; Kleine 1913b: 157, 1914b: 378, 384, 1932a: 304, 1934a: 171; Knull 1924: 212; Leng 1920: 339; Leonard 1928: 517; Ostmark 1968; Pechuman 1937: 13; Schedl 1971f: 148; Schwarz 1878: 468, 1886: 44, 1888: 48; Smith, J. B. 1900: 361, 1910: 401; Swaine 1909: 143; Turnbow & Franklin 1980; Wood, S. L. 1982b: 1234. **(tx)** Beal & Massey 1945: 103–104; Benoit 1985: 167; Blackman 1922b: 80–81; Blandford 1904: 270–279; Blatchley & Leng 1916: 641; Bright 1976d: 189, 191, 204, 214, 1955c: 176; Chamberlin 1939: 282; Comstock 1948; Dillon & Dillon 1961: 810; Dodge 1938; Eichhoff 1876a: 378–379, 1878b: 447–449; Fitch 1855: 326; Hagedorn 1910a: 148; Hubbard 1897b: 26; Jacques 1951: 352; LeConte 1868: 154, 1876: 349, 1878a: 465, 468; Meixner 1937: 1218; Schedl 1940a: 359; Schwarz 1886: 44; Swaine 1909: 143, 1918a: 86–87; Titus, Meikle, & Harrison 1985: 89; Wood, S. L. 1982b: 1234; Zimmermann 1868: 143. **(ms)** Swaine 1907: 191.
- longulum* Eichhoff 1869a: 278 (*Pterocyclon*). Syn-types, sex?: Carolina [USA]; Hamburg Museum, lost. Synonymy: LeConte 1876: 349. References: **(ds)** Gemminger & Harold 1872: 2680; Leng 1920: 339; Swaine 1909: 143. **(tx)** Blandford 1904: 279; Eichhoff 1869a: 278, 1869c: 301, 1876a: 378–379, 1878b: 448; LeConte 1876: 349; Swaine 1909: 143, 1918a: 87.
- marcidum* (Schedl) 1970e: 98 (*Pterocyclon*). Holotype, sex?: Bolivien, Yungas del Palmar, 2000 m; Schedl Collection in NHMW, Wien.
Distribution: South America (Bolivia).
References: **(tx)** Schedl 1970e: 98–99, 1979c: 148.
- minutissimum* (Schedl) 1954b: 40 (*Pterocyclon*). Lectotype ♂: Brasilien: Matto Grosso, Rio Caragnata; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 155.
Figures: Bright 1972d: 95.
Distribution: South America (Brazil).
Notes: (3) Schedl 1959m: 554 (described female).
References: **(ds)** Schedl 1972g: 46. **(tx)** Bright 1972d: 95, 102; de Ruette 1970: 113; Schedl 1954b: 40, 1959m: 553–554, 1961i: 230, 1979c: 155. *schedli* Bright 1972d: 102. Lectotype ♂: Brasilien: Matto Grosso, Rio Caragnata; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 155, an unneeded replacement name for *minutissimum* (Schedl 1954).
Notes: Bright 1972d: 102 presumed that this species was congeneric with *Microcorthylys minutissimus* Schedl 1952 and introduced a replacement name. The 1952 species is in fact a *Microcorthylys* and is also a junior synonym; therefore, homonymy never existed and the original 1954 name is retained.
References: **(tx)** Bright 1972d: 102; Schedl 1972g: 46, 1979c: 155.
- minutum* (Schedl) 1939j: 577 (*Pterocyclon*). Lectotype ♀: Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien designated by Schedl 1979c: 157.
Distribution: Antilles Islands (Cuba/ Jamaica), North America ("Mexico"), South America (Brazil).
References: **(ds)** Blackwelder 1947: 783; Bright 1981c: 155; Numberg 1958a: 480; Schedl 1976a: 56. **(tx)** Numberg 1958a: 480; Schedl 1939j: 577, 1950i: 166, 1952a: 460, 1979c: 157.
- morsum* Wood 1974b: 139. Holotype ♂: Pandora, Limon, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica/ Veracruz in Mexico).
Hosts: *Quercus* sp., and a tree limb.
References: **(hb)** Wood, S. L. 1982b: 1236. **(ds)** Wood, S. L. 1982b: 1236. **(tx)** Wood, S. L. 1974b: 139, 1982b: 1236.
- nevermanni* (Schedl) 1935h: 348 (*Pterocyclon*). Holotype ♂: Kraterlagune, Vulcan Poas, Heredia, Costa Rica; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica).
Hosts: *Clusia* sp., *Quercus* sp., *Podocarpus olivifolius*.
References: **(hb)** Wood, S. L. 1982b: 1223. **(ds)** Blackwelder 1947: 783; Wood, S. L. 1982b: 1223. **(tx)** Schedl 1935h: 348, 1950i: 168, 1979c: 165; Wood, S. L. 1982b: 1223.
- notatum* Wood 1974b: 143. Holotype ♀: Vulcan Poas, Heredia, Costa Rica, 2500 m; Wood Collection.
Distribution: North America (Costa Rica/ Panama).
Hosts: *Inga* sp., and a leguminous shrub.
References: **(hb)** Wood, S. L. 1982b: 1241. **(ds)** Wood, S. L. 1982b: 1241. **(tx)** Wood, S. L. 1974b: 143, 1982b: 1241.
- nudum* (Schedl) 1939j: 574 (*Pterocyclon*). Holotype, sex?: Brasilien, Sta. Catharina; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: **(ds)** Blackwelder 1947: 783; Schedl 1966f: 92, 1976a: 56. **(tx)** Schedl 1939j: 574, 1950i: 164, 1979c: 173.
- obesum* (Schedl) 1970e: 99 (*Pterocyclon*). Holotype, sex?: Peru; Schedl Collection in NHMW, Wien.

- Distribution: South America (Peru).
References: (tx) Schedl 1970e: 99, 1979e: 174.
- obliquum** (Schedl) 1970e: 99 (*Pterocyclon*). Holotype, sex?: Brasilien, Rio Caragnata, Matto Grosso; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (ds) Schedl 1970e: 99–100, 1972g: 46, (tx) Schedl 1979e: 174.
- obtusum** (Eggers) 1935a: 334 (*Anchonocerus*). Holotype ♂: Bolivien (Cochabamba); Eggers Collection in NHMW, Wien.
Distribution: South America (Bolivia).
References: (ds) Blackwelder 1947: 783, (tx) Eggers 1935a: 334; Schedl 1979e: 176.
- omissum** (Schedl) 1952d: 347 (*Pterocyclon*). Syn-types ♂: Portorico, Mor.; Schedl Collection in NHMW, Wien, automatic.
Distribution: Antilles Islands (Puerto Rico).
References: (ds) Bright 1955c: 176, (tx) Bright 1955c: 176; Schedl 1952d: 347.
- opacifrons** Schedl 1950i: 167 (*Pterocyclon*). Syn-types ♂: Portorico, Mor.; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1935.
Notes: (1) The replacement name was presented prior to 1960; consequently, even though the senior homonym is now in a different genus, restoration of the 1950 name is not permitted by the Code. Schedl 1979e: 179 (citation of holotype invalid).
References: (ds) Blackwelder 1947: 783, (tx) Schedl 1935h: 350, 1950i: 167, 1952d: 347, 1979e: 179.
- parvum** (Eggers) 1933b: 22 (*Anchonocerus*). Holotype ♂: Franz. Guayana (Nouveau Chantier); MNHN, Paris.
Distribution: South America (Cayenne/ Guyana).
Hosts: *Peltogyne* sp.
References: (ds) Blackwelder 1947: 783, (tx) Eggers 1933b: 22–23, 1935a: 329–333; Schedl 1935a: 329; Wood, S. L. 1977b: 208.
- preclarum** Wood 1968b: 6. Holotype ♂: Manaka, British Guiana; BMNH, London. Synonymy: Wood 1977b: 208.
References: (tx) Wood, S. L. 1968a: 5, 1968b: 6, 1977b: 208.
- penicillatum** (Eichhoff) 1878b: 457 (*Pterocyclon*). Holotype, sex?: America meridionalis (Colombia); Steinheil Munichensis Collection or Hamburg Museum?
Distribution: South America (Colombia).
References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 342, (tx) Eggers 1936a: 393; Eichhoff 1878b: 457; Hagedorn 1910a: 149.
- penmatum** (Schedl) 1963c: 167 (*Pterocyclon*). Holotype ♀; Cordoba, Veracruz, Mexico; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica/ Guate-
- mala/ Honduras/ Nayarit, Veracruz in Mexico), South America (Colombia/ Venezuela).
Hosts: *Conostegia oerstediana*, *Miconia pubescens*, "Caldo de Frijol" [a tree], etc.
References: (hb) Atkinson et al. 1986: 50; Wood, S. L. 1982b: 1228, (ds) Atkinson & Equilma 1985c: 361; Atkinson et al. 1986: 50; Wood, S. L. 1982b: 1228, (tx) Schedl 1963c: 167, 1979e: 157; Wood, S. L. 1982b: 1228.
- peruanum** (Schedl) 1950i: 168 (*Pterocyclon*). Holotype ♂: Peru; Schedl Collection in NHMW, Wien.
Distribution: South America (Peru).
References: (tx) Schedl 1950i: 168, 1979e: 191.
- peruvianum** Wood 1981: 122. Holotype ♀; Peru, Tambo, Eneas, Com. del Pichis; Schedl Collection in NHMW, Wien, automatic.
Distribution: South America (Peru).
References: (tx) Wood, S. L. 1981: 122.
- peruanum** Schedl 1975c: 306. Holotype ♀; Peru, Tambo, Eneas, Com. del Pichis; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1950.
References: (tx) Schedl 1975c: 306; Wood, S. L. 1981: 122.
- plagiatum** (Eichhoff) 1869a: 279 (*Corthythus*). Holotype, sex?: Columbia; Hamburg Museum, lost.
Distribution: South America (Colombia).
References: (ds) Blackwelder 1947: 783; Gemminger & Harold 1872: 2693; Hagedorn 1910d: 94; Kleine 1913b: 157, (tx) Eggers 1936a: 393; Eichhoff 1869a: 279, 1869c: 301, 1878b: 455; Hagedorn 1910a: 149.
- plaumanni** (Schedl) 1937g: 68 (*Pterocyclon*). Syn-types ♂: Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien, Strohmeyer Collection, Eberswalde, and Planmann Collection.
Distribution: South America (Brazil).
Notes: (1) Schedl 1979e: 196 (citation of holotype invalid).
References: (ds) Blackwelder 1947: 783; Nummer 1963c: 98; Santoro 1957b: 26; Schedl 1966f: 92, (tx) Schedl 1937g: 68, 1939k: 726, 1950i: 167, 1954b: 38, 1979e: 196.
- posticum** Wood 1974b: 146. Holotype ♂; Santa Ana, San Jose, Costa Rica, 1300 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: Tree limbs, and a liana.
References: (hb) Wood, S. L. 1982b: 1245, (ds) Wood, S. L. 1982b: 1245, (tx) Wood, S. L. 1974b: 146, 1982b: 1245.
- praeruptum** (Blandford) 1904: 273 (*Pterocyclon*). Holotype ♂; Totonicipan, Guatemala, 85–10,500 ft.; BMNH, London.
Figures: Blandford 1904: pl. 8.
Distribution: North America (Guatemala).
References: (hb) Wood, S. L. 1982b: 1220, (ds) Blackwelder 1947: 783; Hagedorn 1910d: 94;

- Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1220. (tx) Blandford 1904: 273; Hagedorn 1910a: 149; Schedl 1935h: 348; Wood, S. L. 1982b: 1220.
- praeustum** (Eggers) 1941a: 100 (*Pterocyclon*). Lectotype ♂; Guadeloupe (Trois Rivières); USNM, Washington, designated by Anderson & Anderson 1971: 26. Distribution: Antilles Islands (Dominica/ Guadeloupe/ Puerto Rico). Hosts: *Dacryodes excelsa*, *Inga laurina*. References: (ds) Bright 1981c: 155, 1985c: 176. (tx) Anderson, W. H. & Anderson 1971: 26; Bright 1985c: 176; Eggers 1941a: 100; Schedl 1950i: 167, 1979c: 198.
- proprium** Wood 1974b: 136. Holotype ♂; Cerro Punta near Volcan Chiriquí, Panama; Wood Collection. Distribution: North America (Costa Rica/ Panama). Hosts: *Conostegia oerstediana*, *Inga* sp., and tree limbs. References: (hb) Wood, S. L. 1982b: 1227. (ds) Wood, S. L. 1982b: 1227. (tx) Wood, S. L. 1974b: 136, 1982b: 1227.
- proximum** Wood 1974b: 147. Holotype ♂; San Isidro del General, San Jose, Costa Rica, 1000 m; Wood Collection. Distribution: North America (Costa Rica), South America (Venezuela). Hosts: *Alexia imperitricia*, *Miconia pubescens*. References: (ds) Wood, S. L. 1982b: 1245. (tx) Wood, S. L. 1974b: 147, 1982b: 1245.
- pseudoscutellare** (Schedl) 1935h: 349 (*Pterocyclon*). Holotype ♀; Laguna Volcan Poas, Heredia, Costa Rica; Schedl Collection in NIIMW, Wien. Distribution: North America (Costa Rica). Hosts: *Quercus costaricensis*, *Q.* spp. References: (hb) Wood, S. L. 1982b: 1239. (ds) Blackwelder 1947: 783; Wood, S. L. 1982b: 1239. (tx) Schedl 1935h: 349–350, 1979c: 202; Wood, S. L. 1982b: 1239.
- adustum** Wood 1974b: 140. Holotype ♂; Cerro de la Muerte, San Jose, Costa Rica; Wood Collection. Synonymy: Wood 1982b: 1239. References: (tx) Wood, S. L. 1974b: 140, 1982b: 1239.
- pumilio** (Eichhoff) 1878b: 445 (*Pterocyclon*). Holotype, sex?: America meridionalis (Venezuela); Hamburg Museum, lost. Distribution: South America (Venezuela). References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 340. (tx) Eichhoff 1878b: 445; Hagedorn 1910a: 149; Schedl 1939k: 727.
- punctifrons** (Blandford) 1904: 278 (*Pterocyclon*). Holotype ♀; Volcan de Chiriquí, Panama; BMNH, London. Distribution: North America (Costa Rica/ Panama). Hosts: Logs. References: (hb) Wood, S. L. 1982b: 1239. (ds) Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1239. (tx) Blandford 1904: 278; Hagedorn 1910a: 149; Wood, S. L. 1982b: 1239.
- quadridens** (Eichhoff) 1869a: 277 (*Pterocyclon*). Holotype, sex?: Brasilia; Hamburg Museum, lost. Distribution: South America (Brazil). References: (ds) Blackwelder 1947: 783; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 337. (tx) Eichhoff 1869a: 277, 1869c: 301, 1878b: 446; Hagedorn 1910a: 149.
- dubium** Eichhoff 1869a: 277 (*Pterocyclon*). Holotype, sex?: Brasilia; Hamburg Museum, lost. Synonymy: Eichhoff 1878b: 446. References: (ds) Gemminger & Harold 1872: 2680. (tx) Eichhoff 1869a: 277, 1869c: 301, 1878b: 446.
- quadridentatum** (Eggers) 1935a: 333 (*Anchonomeris*). Lectotype ♂; Venezuela; USNM, Washington, designated by Anderson & Anderson 1971: 28. Distribution: South America (Venezuela). References: (ds) Blackwelder 1947: 783. (tx) Anderson, W. H. & Anderson 1971: 28; Eggers 1935a: 329, 333–334; Schedl 1979c: 208.
- quercicolens** Wood 1967d: 49. Holotype ♂; 53 km E Morelia, Michoacan, Mexico; Wood Collection. Figures: Wood 1967a: 46, 1982b: 1219 (declivity). Distribution: North America (Guatemala/ Chimalhua, Durango, Michoacan in Mexico/ Panama). Hosts: *Quercus* spp. References: (hb) Atkinson et al. 1986: 50; Burgos & Saucedo 1983: 133. (ds) Atkinson et al. 1986: 50; Bright 1972a: 1385; Burgos & Saucedo 1983: 133; Wood, S. L. 1982b: 1219. (tx) de Rnette 1970: 104; Wood, S. L. 1967a: 46, 1967d: 49–50, 1982b: 1219.
- quercivorum** Schedl 1977e: 46. Holotype ♂; Metapan, El Salvador, 1600–2200 m; Schedl Collection in NIIMW, Wien. Distribution: North America (El Salvador). Hosts: *Quercus* sp. References: (tx) Schedl 1977e: 46.
- quercum** (Wood) 1967d: 53 (*Amphicranus*). Holotype ♂; 5 km W El Salto, Durango, Mexico, 2500 m; Wood Collection. Figures: Wood 1967d: 54, 1982b: 1233 (declivity). Distribution: North America (Durango in Mexico). Hosts: *Quercus* sp. References: (tx) Wood, S. L. 1967d: 53–54.
- querneum** Wood 1967d: 50. Holotype ♂; 53 km E Morelia, Michoacan, Mexico; Wood Collection. Figures: Bright 1972a: 1377, Wood 1967d: 46, 1982b: 1219 (declivity).

Distribution: North America (El Salvador/ Honduras/ Chiapas, Hidalgo, Michoacan in Mexico).

Hosts: *Quercus hondurensis*, *Q.* spp.

References: (hb) Atkinson & Equihua 1955c: 361; Atkinson et al. 1956: 50; Burgos & Saucedo 1953: 133. (ds) Atkinson & Equihua 1955a: 101, 1955c: 361; Atkinson et al. 1956: 50; Burgos & Saucedo 1953:133; Schedl 1977c: 43; Wood, S. L. 1952b: 1218. (tx) McNamara 1977: 196; Wood, S. L. 1967a: 46, 1967d: 50, 1973c: 179, 1952b: 1218.

bifidus Bright 1972a: 1351. Holotype ♂; 13 km E San Cristobal de las Casas, Chiapas, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 179. References: (tx) Bright 1972a: 1377, 1351; McNamara 1977: 196; Wood, S. L. 1973c: 179.

***robustum* (Schedl)** 1966f: 123 (*Pterocyclon*). Holotype ♀; Las Mercedes, Santa Clara [district in Limon], Costa Rica, 100 m; Schedl Collection in NHMW, Wien.

Distribution: North America (Costa Rica), South America (Trinidad).

Hosts: *Spondias purpurea*, etc.

References: (hb) Wood, S. L. 1952b: 1224. (ds) Atkinson & Equihua 1956a: 422, 1955: 92; Schedl 1966f: 77; Wood, S. L. 1952b: 1224. (tx) Schedl 1966f: 123, 1979c: 212; Wood, S. L. 1952b: 1224.

***scrobiceps* (Eichhoff)** 1878b: 455 (*Pterocyclon*). Holotype, sex?; America meridionalis (Columbia orientalis); Hamburg Museum, lost.

Distribution: South America (Colombia).

Hosts: *Quercus* sp. (?).

References: (ds) Blackwelder 1947: 753; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 342. (tx) Eggers 1936a: 393; Eichhoff 1878b: 455; Hagedorn 1910a: 149; Schedl 1966f: 76.

***scutellare* (LeConte)** 1857: 59 (*Corthythus*). Holotype ♀; San Jose, California [USA]; MCZ, Cambridge.

Figures: Bright 1976d: 189.

Distribution: North America (British Columbia in Canada/ Baja California Norte in Mexico/ California, Oregon, Washington in USA).

Hosts: *Chrysolepsis* sp., *Lithocarpus densiflorus*, *Quercus agrifolia*, *Q. kelloggii*.

Notes: (1) The original (masculine) spelling was *scutellaris*.

References: (ay) Farris 1965b: 30, 1969: 529; Francke-Grosman 1956b. (bv) Daterman, Rudinsky, & Nagel 1965. (cn) Chamberlin 1939: 250; Doane et al. 1936; Keen 1938: 147; Ruppel 1967: 64; Swaine 1915a: 86. (ce) Chamberlin 1939: 250; Farris 1965b: 30, 1969: 529; Francke-Grosman 1956b; Keen 1938: 147; Roeper & French 1981; Slaby 1947: 377; Steinhaus 1946: 404; Webb 1945: 65. (hb) Bright 1976d: 190; Bright & Stark 1973: 95; Chamberlin 1939: 250, 1955: 128–129; Chittenden 1893a: 392; Daterman, Rudinsky, & Nagel 1965; DeLeon 1952; Doane & Gilliland 1929: 916–918; Doane et al.

1936; Funk 1965: 929–932; Keen 1938: 147; Roling & Kearby 1974: 1303; Swaine 1915a: 86; Wood, S. L. 1952b: 1216. (ds) Bright 1976d: 190; Bright & Stark 1973: 95; Chamberlin 1939: 250, 1955: 128–129; DeLeon 1952: 79; Evans, D. 1955; Furniss, R. L. & Carolin 1977: 395; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 94; Henshaw 1882: 268, 1885: 147; Keen 1929a: 28, 1938: 147; Kleine 1913b: 157, 1914b: 391, 1934a: 171; Leng 1920: 339; Patterson & Hatch 1945: 152; Ritcher 1955: 16; Rivers 1886: 66; Ruppel 1967: 64; Swaine 1909: 144; Wood, S. L. 1959a: 61, 1972a: 428, 1952b: 1216. (tx) Bright 1976d: 189–190; Bruck 1936a; Chamberlin 1939: 250, 1955: 128–129; Eichhoff 1869a: 277, 1869c: 295, 1875b: 447; Ferrari 1867a: 48–49; Hagedorn 1910a: 149; Keen 1929a: 28; LeConte 1857: 22, 59, 1868: 153, 1876: 348; Schedl 1935h: 347; Swaine 1909: 144, 1915a: 86; Wood, S. L. 1959a: 61, 1966b: 26, 1972a: 428, 1952b: 1216.

cavus LeConte 1868: 153 (*Cryphalus*). Holotype ♂; coast region south of San Francisco, California [USA]; MCZ, Cambridge. Synonymy: LeConte 1876: 348.

References: (ds) Henshaw 1882: 268; Leng 1920: 339; Swaine 1909: 144. (tx) Eichhoff 1875b: 451; LeConte 1868: 153, 1876: 348; Swaine 1909: 144.

obliquecaulatum Schedl 1935h: 351 (*Pterocyclon*). Syntypes ♀; California [USA]; Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 26.

References: (ds) Blackwelder 1939. (tx) Schedl 1935h: 351, 1979c: 174; Wood, S. L. 1966b: 26.

***semipallens* (Schedl)** 1954b: 41 (*Pterocyclon*). Lectotype ♂; Brasilien: Matto Grosso, Rio Caragnata; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 224.

Distribution: South America (Brazil).

References: (tx) Schedl 1954b: 41, 1979c: 224.

***sexdentatum* Eggers** 1935a: 83. Lectotype ♀; Bolivien (Cochabamba); USNM, Washington, designated by Anderson & Anderson 1971: 29.

Distribution: South America (Bolivia).

References: (ds) Blackwelder 1947: 783. (tx) Eggers 1935a: 83, 329, 331–332; Schedl 1979c: 227.

***sexdenticulum* Wood** 1989: 178. Holotype ♂; Columbian (Agnatal); USNM, Washington, automatic.

Distribution: South America (Colombia).

References: (tx) Wood, S. L. 1989: 178.

sexdentatum Eggers 1935a: 331 (*Anchonocerus*). Holotype ♂; Columbian (Agnatal); USNM, Washington, preoccupied by Eggers 1935.

References: (tx) Anderson, W. H. & Anderson 1971: 29; Eggers 1935a: 331–332; Wood, S. L. 1989: 178.

- subductum** (Schedl) 1975c: 303 (*Pterocyclon*).
Holotype, sex[?]; Peru, Torentoy Canyon (Base Machu-Picchu), 2000–2200 m; Schedl Collection in NHMW, Wien.
Distribution: South America (Peru).
References: (tx) Schedl 1975c: 303.
- subgranulatum** Wood 1974b: 144. Holotype ♂; Cerro Pena Blanca, Honduras, 1900 m; Wood Collection.
Distribution: North America (Honduras).
Hosts: *Persea popenoi*.
References: (hb) Wood, S. L. 1982b: 1243. (ds) Wood, S. L. 1982b: 1243. (tx) Wood, S. L. 1974b: 144, 1982b: 1243.
- subprorum** (Schedl) 1976a: 83 (*Pterocyclon*).
Holotype, sex[?]; Brazil: Salesopolis, S.P.; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 83.
- subtruncatum** (Schedl) 1975c: 303 (*Pterocyclon*).
Holotype, sex[?]; Columbién, Caucahal, O. Thieme S.; Schedl Collection in NHMW, Wien.
Distribution: South America (Colombia).
References: (tx) Schedl 1975c: 303.
- sulcatum** (Blandford) 1905: 284 (*Pterocyclon*).
Holotype ♂; Volcan de Chiriqui, Panama, 1800 m; BMNH, London.
Distribution: North America (Panama).
Hosts: *Quercus* sp.
References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157. (tx) Blandford 1905: 284; Hagedorn 1910a: 149; Schedl 1935h: 348.
- sulcipenne** (Schedl) 1975c: 304 (*Pterocyclon*).
Holotype, sex[?]; Peru, Torentoy Canyon (Base Machu-Picchu), 2000–2200 m; Schedl Collection in NHMW, Wien.
Distribution: South America (Peru).
Notes: (3) This may be a synonym of *lobatum* Ferrari.
References: (tx) Schedl 1975c: 304.
- terminatum** (Blandford) 1904: 280 (*Pterocyclon*).
Holotype ♂; Capetillo, Guatemala; BMNH, London.
Distribution: North America (Guatemala).
References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1222. (tx) Blandford 1904: 280; Hagedorn 1910a: 149; Wood, S. L. 1982b: 1222.
- tetradontium** Wood 1974b: 137. Holotype ♂; SE slope of Mt. Colima, Jalisco, Mexico; Wood Collection.
Distribution: North America (Jalisco in Mexico).
References: (hb) Atkinson et al. 1986: 51; Burgos & Saucedo 1983: 134; Wood, S. L. 1982b: 1235. (ds) Atkinson et al. 1986: 51; Burgos & Saucedo 1983: 134; Wood, S. L. 1982b: 1235. (tx) Wood, S. L. 1974b: 137, 1982b: 1235.
- tomicooides** (Blandford) 1904: 273 (*Pterocyclon*).
Lectotype ♂; San Geronimo, Verapaz, Guatemala; BMNH, London, designated by Wood 1982b: 1221.
Figures: Blandford 1904: pl. 8.
Distribution: North America (Guatemala).
References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1221. (tx) Blandford 1904: 273; Hagedorn 1910a: 149; Wood, S. L. 1982b: 1221.
- tridentatum** (Schedl) 1971f: 152 (*Cosmocorynus*).
Holotype ♀; Brazil: Lagoa Santa; UZMC, Copenhagen.
Distribution: South America (Brazil).
References: (tx) Schedl 1971f: 152.
- umbrium** (Blandford) 1904: 275 (*Pterocyclon*).
Holotype ♀; Purula, Verapaz, Guatemala; BMNH, London.
Distribution: North America (Guatemala/ Puebla in Mexico).
Hosts: *Alnus* sp.
References: (hb) Wood, S. L. 1982b: 1225. (ds) Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1225. (tx) Blandford 1904: 275; Hagedorn 1910a: 149; Wood, S. L. 1982b: 1225.
- unifasciatus** (Schedl) 1970e: 104 (*Cosmocorynus*). Holotype ♀; Columbia, La Estrella II, 1700 m; Frey Collection in NHMBS, Basel.
Distribution: South America (Colombia).
References: (tx) Schedl 1970e: 104.
- vallidum** (Ferrari) 1867a: 55 (*Corthylyus*). Lectotype ♂; Mexico; NHMW, Wien, designated by Wood 1974d: 285.
Distribution: North America (Costa Rica/ Veracruz in Mexico/ Panama).
Hosts: *Quercus* spp.
References: (hb) Wood, S. L. 1982b: 1220. (ds) Atkinson & Equihua 1985c: 361; Blackwelder 1947: 783; Blandford 1904: 271; Ferrer 1942; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 340, 353; Wood, S. L. 1982b: 1220. (tx) Blandford 1904: 271; Eichhoff 1869c: 301; Ferrari 1867a: 54–55, 61; Hagedorn 1910a: 149; Schedl 1940a: 359; Wood, S. L. 1974d: 285, 1982b: 1220.
- mexicanus** Eggers 1931a: 18 (*Amphicranus*).
Holotype ♂; Mexico; MNB, Berlin. Synonymy: Wood 1974d: 285.
References: (ds) Blackwelder 1947: 783. (tx) Eggers 1931a: 18; Schedl 1940a: 359; Wood, S. L. 1974d: 285.
- jalapae** Schedl 1939j: 584 (*Pterocyclon*). Holotype ♂; Jalapa, Veracruz, Mexico; Schedl Collection in NHMW, Wien. Synonymy: Wood 1974d: 285.
References: (ds) Blackwelder 1947: 783; Ferrer 1942. (tx) Schedl 1939j: 584, 1940a: 359, 1979c: 129; Wood, S. L. 1974d: 285.

vernaculum (Schedl) 1952a: 460 (*Pterocyclon*).
Syntypes 2 ♀; Argentina, Dep. Concepc., Sta. Maria; Schedl Collection in NHMW, Wien.
Distribution: South America (Argentina/ Brazil).
Notes: (1) Schedl 1979c: 266 (citation of holotype invalid).

References: (ds) Schedl 1967d: 4. (tx) de Ruette 1970: 113; Schedl 1950i: 166, 1952a: 460, 1979c: 266.

vicinum (Schedl) 1970e: 100 (*Pterocyclon*). Holotype, sex?; Brasilien, S. Catarina, Luderwaldt; Eggers Collection, in NHMW, Wien.
Distribution: South America (Brazil).

References: (tx) Schedl 1970e: 100–101, 1979c: 267.

vittatum (Blandford) 1905: 282 (*Pterocyclon*). Holotype ♀; Volcan de Chiriqui, Panama; BMNH, London.

Figures: Blandford 1904: pl. 5.

Distribution: North America (Costa Rica/ Panama).

Hosts: *Bumelia costaricensis*, *Clusia* sp., *Quercus* sp.

References: (hb) Wood, S. L. 1982b: 1242. (ds) Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1242. (tx) Blandford 1905: 282; Hagedorn 1910a: 149; Wood, S. L. 1982b: 1242.

volvulum (Eichhoff) 1869a: 279 (*Pterocyclon*). Holotype, sex?; Columbia; IRSNB, Brussels.

Distribution: South America (Colombia).

References: (ds) Blackwelder 1947: 783; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 342. (tx) Eichhoff 1869a: 279, 1869c: 301, 1878b: 454; Hagedorn 1910a: 149.

xalapensis Wood 1987: 548. Holotype ♂; Estacion de Biologia, Chamela, Jalisco, Mexico; Wood Collection.

Distribution: North America (Jalisco in Mexico).

Hosts: *Croton pseudoniveus*.

References: (tx) Wood, S. L. 1987: 548.

Genus *Glochinoscerus* Blandford

GLOCHINOSCERUS BLANDFORD 1904: 266. Type-species: *Glochinoscerus retusipennis* Blandford, subsequent designation by Hopkins 1914: 122.

Keys: Wood 1982b: 1246.

References: (hb) Wood, S. L. 1986a: 99. (ds) Hagedorn 1910d: 92; Wood, S. L. 1986a: 99. (tx) Blandford 1904: 266; Hagedorn 1910a: 142–143; Hopkins 1914: 122; Wood, S. L. 1982b: 1246–1247, 1986a: 99.

gemellus Blandford 1904: 267. Lectotype ♀; Quiche Mountains, El Quiche, Guatemala; BMNH, London, designated by Wood 1982b: 1247. Figures: Atkinson et al. 1986: 48.

Distribution: North America (Guatemala/ Hidalgo, Mexico, Puebla in Mexico).

Hosts: *Prunus* sp., *Quercus* sp., etc.

References: (hb) Atkinson & Equihua 1985a: 101; Atkinson et al. 1986: 47; Burgos & Saucedo 1983:

136. (ds) Atkinson & Equihua 1985a: 101; Atkinson et al. 1986: 47; Blackwelder 1947: 783; Burgos & Saucedo 1983: 136; Hagedorn 1910d: 92; Kleine 1913b: 156, 1914b: 367; Wood, S. L. 1982b: 1247. (tx) Atkinson et al. 1986: 48; Blandford 1904: 267; Hagedorn 1910a: 143; Wood, S. L. 1982b: 1247.

retusipennis Blandford 1904: 266. Lectotype ♀; Cerro Zumil, Quezaltenango, Guatemala; BMNH, London, designated by Wood 1982b: 1246.

Figures: Blandford 1904: pl. 9.

Distribution: North America (Guatemala).

Hosts: Caldo de Frijol bole, and a tree branch.

References: (ds) Blackwelder 1947: 783; Hagedorn 1910d: 92; Kleine 1913b: 156, 1914b: 367; Wood, S. L. 1982b: 1246. (tx) Blandford 1904: 266; Hagedorn 1910a: 143; Hopkins 1914: 122; Lucas 1920: 303; Wood, S. L. 1982b: 1246. (ms) Lucas 1920: 303.

Genus *Metacorthylus* Blandford

METACORTHYLUS BLANDFORD 1904: 251, 263. Type-species: *Metacorthylus nigripennis* Blandford, monobasic.

Paracorthylus Wood 1968b: 7. Type-species:

Paracorthylus velutinus Wood, original designation. Synonymy: Wood 1976a: 347.

References: (tx) Wood, S. L. 1968b: 7, 1976a: 347.

Keys: Wood 1982b: 1248.

References: (hb) Fonseca 1925: 1–8 [these citations erroneous, =*Corthylus* (SIW)]; Wood, S. L. 1982b: 1247, 1986a: 99. (ds) Wood, S. L. 1982b: 1247, 1986a: 99. (tx) Blandford 1904: 251, 263; Wood, S. L. 1976a: 347, 1982b: 1247, 1986a: 99.

concisus (Wood) 1974a: 67 (*Paracorthylus*). Holotype ♀; Moravia, Cartago, Costa Rica, 500 m; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: Log.

Notes: (1) Wood 1976: 347 (to *Metacorthylus*).

References: (hb) Wood, S. L. 1982b: 1249. (ds) Wood, S. L. 1982b: 1249. (tx) Wood, S. L. 1974a: 67, 1976a: 347, 1982b: 1249.

mutilus (Wood) 1974a: 66 (*Paracorthylus*). Holotype ♀; Fort Sherman, Canal Zone, Panama; Wood Collection.

Distribution: North America (Panama).

Notes: (1) Wood 1976a: 347 (to *Metacorthylus*).

References: (ds) Wood, S. L. 1982b: 1248. (tx) Wood, S. L. 1974a: 66, 1976a: 347, 1982b: 1248.

nigripennis Blandford 1904: 263. Holotype ♀; Bugaba, Chiriqui, Panama, 800–1500 ft.; BMNH, London.

Distribution: North America (Panama).

References: (ds) Blackwelder 1947: 782; Hagedorn 1910d: 91; Kleine 1913b: 156, 1914b: 366; Wood, S. L. 1982b: 1251. (tx) Blandford 1904: 263; Fonseca 1925: 1–8; Hagedorn 1910a: 146;

Hopkins 1914: 124; Lucas 1920: 408; Wood, S. L. 1982b: 1251. (ms) Lucas 1920: 408.

velutinus (Wood) 1968b: 7 (*Paracorthylylus*). Holotype ♀; Moravia, Cartago Prov., Costa Rica, 500 m; Wood Collection.

Figures: Wood 1968a: 5, 1982b: 1250.

Distribution: North America (Costa Rica), South America (Colombia).

Hosts: Log, and guano seco.

References: (hb) Wood, S. L. 1982b: 1249. (ds) Wood, S. L. 1982b: 1249. (tx) Wood, S. L. 1968a: 5, 1968b: 7, 1976a: 347, 1982b: 1249.

Genus *Microcorthylylus* Ferrari

MICROCORTHYLUS FERRARI 1867a: 58. Type-species: *Microcorthylylus parvulus* Ferrari, monobasic. Keys: Wood 1982b: 1252 for Mexico and Central America.

References: (hb) Wood, S. L. 1986a: 99. (ds) Wood, S. L. 1986a: 99. (tx) Eggers 1935a: 75, 153; Ferrari 1867a: 58; Kirsch 1868: 214; Schedl 1939j: 570, 1940a: 359; Wood, S. L. 1967d: 37–57, 1982b: 1251–1259, 1986a: 99.

abruptus Nunberg 1962: 233. Holotype ♀; Estacao Biologica de Boraceia, Salesopolis, Estado de Sao Paulo, Brasilien; DZSA, Sao Paulo.

Figures: Nunberg 1962: 234.

Distribution: South America (Brazil).

Notes: (3) This is probably a *Monarthrum*.

References: (hb) Wood, S. L. 1982b: 1251. (ds) Wood, S. L. 1982b: 1251. (tx) Nunberg 1962: 233–234; Wood, S. L. 1982b: 1251.

bicolor Eggers 1935a: 154. Holotype, sex?; Bolivien, Cochabamba; Eggers Collection, in NHMW, Wien.

Distribution: South America (Bolivia).

References: (ds) Blackwelder 1947: 783. (tx) Eggers 1935a: 153–155; Schedl 1939j: 573, 1979c: 38.

brevis Eggers 1935a: 155. Holotype ♀; Guadeloupe; Eggers Collection, in NHMW, Wien.

Distribution: Antilles Islands (Guadeloupe).

References: (ds) Blackwelder 1947: 783; Bright 1985c: 176. (tx) Bright 1985c: 176; Eggers 1935a: 155–156, 1941a: 108; Schedl 1979c: 47.

castaneus Schedl 1939j: 572. Holotype, sex?; Brasilien, Sta. Catharina; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 783. (tx) Schedl 1939j: 572, 1979c: 54.

concisus Wood 1973a: 270. Holotype ♀; Volcan, Puntarenas, Costa Rica, 1000 m; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: *Croton gossypifolius*, and other tree branches.

References: (hb) Wood, S. L. 1982b: 1259. (ds)

Wood, S. L. 1982b: 1259. (tx) Wood, S. L. 1973a: 270, 1982b: 1259.

contractus Wood 1973a: 274. Holotype ♂; 7 km NW Socopo, Barinas, Venezuela, 200 m; Wood Collection.

Distribution: South America (Venezuela).

Hosts: *Nectandra* sp.

References: (tx) Wood, S. L. 1973a: 274.

curtus Wood 1973a: 274. Holotype ♂; 20 km SW El Vigia, Merida, Venezuela, 50 m; Wood Collection.

Distribution: South America (Venezuela).

Hosts: Tree seedling.

References: (tx) Wood, S. L. 1973a: 274.

debilis Wood 1973a: 265. Holotype ♀; Volcan Pacaya, Guatemala, 1300 m; Wood Collection.

Distribution: North America (Guatemala).

Hosts: Tree branch, and a liana.

References: (hb) Wood, S. L. 1982b: 1254. (ds) Atkinson & Equihua 1985c: 362; Wood, S. L. 1982b: 1254. (tx) Wood, S. L. 1973a: 265, 1982b: 1254.

demissus Wood 1973a: 266. Holotype ♀; 9 km NE Teziutlan, Puebla, Mexico; Wood Collection.

Distribution: North America (Costa Rica/ Puebla in Mexico).

Hosts: *Boehmeria ulmifolia*, *Conostegia oerstediana*, *Miconia* sp.

References: (hb) Wood, S. L. 1982b: 1254. (ds) Wood, S. L. 1982b: 1254. (tx) Wood, S. L. 1973a: 266, 1982b: 1254.

dilutus Wood 1973a: 271. Holotype ♂; Piedras Blancas, 10 km E Medellin, Antioquia, Colombia, 2500 m; Wood Collection.

Distribution: South America (Colombia).

Hosts: Guttiferae sp.

References: (tx) Wood, S. L. 1973a: 271.

diversus Wood 1973a: 272. Holotype ♂; La Carbonera Experimental Forest, 50 km NW Merida, Merida, Venezuela, 2500 m; Wood Collection.

Distribution: South America (Venezuela).

Hosts: *Nectandra* sp.

References: (tx) Wood, S. L. 1973a: 272.

glabratus (Ferrari) 1867a: 60 (*Corthylylus*). Holotype, sex?; Venezuela [presumably Colonia Tovar]; NHMW, Wien.

Distribution: South America (Brazil/ Venezuela).

Notes: Schedl 1963h: 268 (to *Microcorthylylus*).

References: (ds) Bright 1985c: 176; Flentiaux & Salle 1890: 458; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 93; Kleine 1914b: 340. (tx) Bright 1985c: 176; Ferrari 1867a: 55, 60; Hagedorn 1910a: 148; Schedl 1936i: 108, 1963h: 268.

subopacus Schedl 1939j: 573. Lectotype, sex?; Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 243. Synonymy: Schedl 1963h: 268.

- References: **(ds)** Blackwelder 1947: 783. **(tx)** Schedl 1939j: 573, 1963h: 268, 1979c: 243.
- grandiclavatus** Eggers 1935a: 156. Holotype ♂; Costa Rica, San Jose, 1300 m; Hamburg Museum, lost, neotype ♂, Escasn, San Jose, Costa Rica, USNM, Washington, designated by Wood 1952b: 1255.
Distribution: North America (Costa Rica/ Panama).
Hosts: Small tree.
References: **(hb)** Wood, S. L. 1952b: 1255. **(ds)** Blackwelder 1947: 783; Wood, S. L. 1952b: 1255. **(tx)** Eggers 1935a: 156; Wood, S. L. 1952b: 1255.
- hostilis** Wood 1973a: 272. Holotype ♀; 30 km N Merida, Merida, Venezuela; Wood Collection.
Distribution: South America (Venezuela).
Hosts: Tree branch.
References: **(tx)** Wood, S. L. 1973a: 272.
- inermis** Wood 1973a: 267. Holotype ♀; 15 km SE Cartago, Cartago, Costa Rica, 1800 m; Wood Collection.
Distribution: North America (Costa Rica/ Panama).
Hosts: *Guzmania ulnifolia*, *Siparuna nicaraguensis*.
References: **(hb)** Wood, S. L. 1952b: 1255. **(ds)** Wood, S. L. 1952b: 1255. **(tx)** Wood, S. L. 1973a: 267, 1952b: 1255.
- invalidus** Wood 1973a: 265. Holotype ♀; 6 km W Tepic, Nayarit, Mexico, 1000 m; Wood Collection.
Distribution: North American (Nayarit in Mexico).
Hosts: Tree branch.
References: **(hb)** Atkinson & Equihua 1955c: 362; Wood, S. L. 1952b: 1255. **(ds)** Atkinson & Equihua 1955c: 362; Wood, S. L. 1952b: 1255. **(tx)** Wood, S. L. 1973a: 265, 1952b: 1255.
- lassus** Wood 1973a: 270. Holotype ♀; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
Distribution: North America (Costa Rica/ Panama).
Hosts: Small trees, and a liana.
References: **(hb)** Wood, S. L. 1952b: 1255. **(ds)** Wood, S. L. 1952b: 1255. **(tx)** Wood, S. L. 1973a: 270, 1952b: 1255.
- mexicanus** Eggers 1934a: 51. Holotype, sex?; Mexico; Hamburg Museum, lost.
Distribution: North America ("Mexico").
References: **(ds)** Blackwelder 1947: 783. **(tx)** Eggers 1934a: 51–52; Schedl 1940a: 359.
- minimus** Schedl 1950i: 160. Lectotype ♀; Nova Tentonia, Santa Catarina, Brazil; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 154.
Figures: Atkinson & Equihua 1955: 97, Pedrosa-Macedo & Schonherr 1955: 59
Distribution: Antilles Islands (Cuba/ Jamaica), North America (Costa Rica/ Honduras/ Veracruz in Mexico/ Panama), South America (Brazil).
Hosts: *Acacia pennatula*, *Serjania* sp., and other small branches.
References: **(cc)** Equihua & Atkinson 1956: 634. **(hb)** Equihua & Atkinson 1956: 634; Wood, S. L. 1952b: 1256. **(ds)** Atkinson & Equihua 1955: 92; Bright 1951c: 155, 1955c: 176; Equihua & Atkinson 1956: 634; Pedrosa-Macedo & Schonherr 1955: 59; Schedl 1966f: 91, 1967d: 4, 1976a: 56; Wood, S. L. 1952b: 1256. **(tx)** Atkinson & Equihua 1955: 97; Bright 1955c: 176; Pedrosa-Macedo & Schonherr 1955: 59; Schedl 1950i: 160, 1979c: 154; Wood, S. L. 1952b: 1256.
- minutissimus** Schedl 1952d: 361. Syntypes, sex?; Jamaica; Schedl Collection in NHMW, Wien. Synonymy: Wood 1975b: 394.
Notes: (1) Schedl 1979c: 156 (citation of holotype invalid).
References: **(ds)** Bright 1972d: 102; Schedl 1966f: 91, 1967d: 4, 1971f: 147, 1972g: 46. **(tx)** Bright 1972d: 102; Schedl 1950i: 160, 1952d: 361, 1979c: 156; Wood, S. L. 1975b: 394.
- obscurus** Eggers 1935a: 155. Holotype, sex?; Bolivia, Cochabamba; USNM, Washington.
Distribution: South America (Bolivia).
References: **(ds)** Blackwelder 1947: 783. **(tx)** Anderson, W. H. & Anderson 1971: 22; Eggers 1934a: 51, 1935a: 155; Schedl 1939j: 570–571, 1979c: 175.
- ocularis** Wood 1973a: 266. Holotype ♀; Tapanti, Cartago, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: *Boehmeria ulnifolia*, *Conostegia oerstediana*, *Siparuna nicaraguensis*.
References: **(hb)** Wood, S. L. 1952b: 1254. **(ds)** Wood, S. L. 1952b: 1254. **(tx)** Wood, S. L. 1973a: 266–267, 1952b: 1254.
- pallidus** Schedl 1939j: 571. Lectotype, sex?; Brasilien, Nova Tentonia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 182.
Distribution: South America (Brazil).
References: **(ds)** Blackwelder 1947: 783; Nunberg 1964a: 235; Schedl 1966f: 78. **(tx)** Nunberg 1956: 235; Schedl 1939j: 570–571, 1979c: 182.
- parvulus** Ferrari 1867a: 53, 58. Holotype ♂; Venezuela [probably Colonia Tovar]; NHMW, Wien.
Distribution: North America (Costa Rica/ Guatemala), South America (Colombia/ Venezuela).
Hosts: *Spondias purpurea*, and other tree branches.
References: **(hb)** Wood, S. L. 1952b: 1255. **(ds)** Blackwelder 1947: 783; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 94; Kleime 1913b: 157, 1914b: 340, 366; Wood, S. L. 1952b: 1255. **(tx)** Eggers 1935a: 153–156; Ferrari 1867a: 53, 58; Hagedorn 1910a: 145; Hopkins 1914: 125; Schedl 1939j: 570; Wood, S. L. 1974d: 283, 1952b: 1255.
- exile** Eichhoff 1878b: 451 (*Pterocyclon*). Holotype ♂; America meridionalis (Nova Granada [probably Colonia Tovar, Colombia]); IRSNB, Brussels. Synonymy: Wood 1974d: 283.
References: **(ds)** Blackwelder 1947: 783; Hagedorn 1910d: 92; Kleime 1913b: 157. **(tx)**

Eichhoff 1878b: 444, 451; Hagedorn 1910a: 148; Swaine 1909: 142, 1918a: 88; Wood, S. L. 1974d: 283.

porrectus Schedl 1951h: 292. Lectotype, sex?: Argentinien, Dep. Concepcion, Sta. Maria; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 197.

Distribution: South America (Argentina).

References: (hb) Viana 1964: 126. (ds) Viana 1964: 126. (tx) Schedl 1951h: 292, 1979c: 197.

puerulus Schedl 1939j: 571. Lectotype, sex?: Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 203. Figures: Schedl 1939j: 570 (antenna, tibia).

Distribution: South America (Brazil).

References: (ds) Blackwelder 1947: 783. (tx) Schedl 1939j: 570–571, 1950, 1951h: 292, 1979c: 203.

pumilus Wood 1973a: 268. Holotype ♀; 15 km SE Cartago, Costa Rica, 1800 m; Wood Collection.

Distribution: North America (Costa Rica/Panama).

Hosts: *Conostegia oerstediana*, etc.

References: (hb) Wood, S. L. 1982b: 1257. (ds) Wood, S. L. 1982b: 1257. (tx) Wood, S. L. 1973a: 268, 1982b: 1257.

pusillus Wood 1973a: 269. Holotype ♀; Buenos Aires, Cortez, Honduras, 2300 m; Wood Collection. Distribution: North America (Guatemala/Honduras). Hosts: Tree branch.

References: (hb) Wood, S. L. 1982b: 1257. (ds) Wood, S. L. 1982b: 1257. (tx) Wood, S. L. 1973a: 269, 1982b: 1257.

rufotestaceus Schedl 1939j: 572. Lectotype, sex?: Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 215. Distribution: South America (Brasil).

References: (ds) Blackwelder 1947: 783. (tx) Schedl 1939j: 572, 1979c: 215.

suggrandis Schedl 1939j: 574. Lectotype, sex?: Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 245. Figures: Pedrosa-Macedo & Schonherr 1985: 60. Distribution: South America (Brazil).

Hosts: *Ocotea puberula*.

References: (ds) Blackwelder 1947: 783; Pedrosa-Macedo & Schonherr 1985: 60; Schedl 1966f: 91; Schonherr & Pedrosa-Macedo 1981: 53. (tx) Numberg 1962: 235; Pedrosa-Macedo & Schonherr 1985: 60; Schedl 1939j: 574, 1979c: 245.

umbratus Wood 1973a: 273. Holotype ♂; La Carbonera Experimental Forest, 50 km NW Merida, Merida, Venezuela, 2500 m; Wood Collection.

Distribution: South America (Venezuela).

Hosts: *Nectandra* sp.

References: (tx) Wood, S. L. 1973a: 273.

vescus Wood 1973a: 271. Holotype ♀; Volcan Zumil, Quezaltenango, Guatemala, 1000 m; Wood Collection.

Distribution: North America (Guatemala).

References: (ds) Atkinson & Equihua 1985c: 362; Wood, S. L. 1982b: 1259. (tx) Wood, S. L. 1973a: 271, 1982b: 1259.

vicinus Wood 1977b: 213. Holotype ♀; 51 km S Valle Nacional, Oaxaca, Mexico; CNCI, Ottawa.

Distribution: North America (Chiapas, Oaxaca in Mexico).

Hosts: *Quercus* sp., *Salix* sp.

References: (ds) Wood, S. L. 1982b: 1256. (tx) Wood, S. L. 1977b: 213, 1982b: 1256.

Genus *Corthyicyclon* Schedl

CORTHYCYCLON SCHEDL 1951m: 128. Type-species: *Corthyicyclon ustum* Schedl, monobasic.

Keys: Wood 1982b: 1260 for Mexico and Central America.

References: (hb) Wood, S. L. 1986a: 100. (ds) Wood, S. L. 1986a: 100. (tx) Schedl 1951m: 128; Wood, S. L. 1982b: 1259–1264, 1986a: 100.

aztecum (Bright) 1972a: 1374 (*Corthylylus*). Holotype ♀; 5.6 km S Suchixtepec, Oaxaca, Mexico; CNCI, Ottawa.

Figures: Bright 1972a: 1370, Wood 1982b: 1262 (antenna).

Distribution: North America (Costa Rica/ Chiapas, Oaxaca, Puebla in Mexico).

Hosts: *Bocconia frutescens*, *Miconia dodecandra*, *M.* sp., *Orvopanax xalapense*, *Quercus* sp., *Siparuna nicaraguensis*, *Vaccinium consanguineum*.

Notes: (1) Wood 1982b: 1263 (to *Corthyicyclon*). References: (hb) Wood, S. L. 1982b: 1261. (ds) Wood, S. L. 1982b: 1263. (tx) Bright 1972a: 1370, 1374; McNamara 1977: 195; Wood, S. L. 1982b: 1263–1264.

caliginis Wood 1974b: 148. Holotype ♀; 16 km SE Cartago, Costa Rica, 1800 m; Wood Collection.

Figures: Wood 1982b: 1262.

Distribution: North America (Costa Rica).

Hosts: Liana.

References: (hb) Wood, S. L. 1982b: 1261. (ds) Wood, S. L. 1982b: 1261. (tx) Wood, S. L. 1974b: 148, 1982b: 1261.

ebenium (Blandford) 1904: 265 (*Braclhypartus*). Holotype ♀; Volcan de Chiriqui, Chiriqui, Panama, 4–6000 ft.; BMNH, London.

Distribution: North America (Panama).

References: (ds) Blackwelder 1947: 784; Hagedorn 1910d: 91; Kleine 1913b: 156, 1914b: 366; Wood, S. L. 1982b: 1262. (tx) Blandford 1904: 265; Hagedorn 1910a: 140; Wood, S. L. 1982b: 1262.

furcum Wood 1974b: 148. Holotype ♀; Peralta, Cartago, Costa Rica, 500 m; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: Liana.

References: (hb) Wood, S. L. 1982b: 1261. (ds) Wood, S. L. 1982b: 1261. (tx) Wood, S. L. 1974b: 148, 1982b: 1261.

morulum Wood 1974b: 149. Holotype ♀; 16 km SE Cartago, Costa Rica. 1800 m; Wood Collection. Distribution: North America (Costa Rica). Hosts: *Conostegia oerstediana*. References: (hb) Wood, S. L. 1982b: 1261. (ds) Wood, S. L. 1982b: 1261. (tx) Wood, S. L. 1974b: 149, 1982b: 1261.

tardum Wood 1974b: 149. Holotype ♀; 16 km SE Cartago, Costa Rica. 1800 m; Wood Collection. Figures: Wood 1982b: 1262 (antenna, tibia). Distribution: North America (Costa Rica/Panama). Hosts: *Cecropia* sp. (leaf petioles), *Siparuna nicaraguensis*, *Vaccinium consanguineum*. References: (hb) Wood, S. L. 1982b: 1263. (ds) Wood, S. L. 1982b: 1263. (tx) Wood, S. L. 1974b: 149, 1982b: 1263.

ustum Schedl 1951m: 128. Holotype ♀; Brasilien; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). Notes: (3) Schedl 1959m: 555 (described male). References: (tx) Schedl 1951m: 128, 1959m: 555, 1979c: 263.

Genus *Brachyspartus* Ferrari

BRACHYSPARTUS FERRARI 1867a: 65. Type-species: *Brachyspartus moritzi* Ferrari, monobasic.

Thylurcos Schedl 1939j: 567. Type-species: *Brachyspartus moritzi* Ferrari, by subsequent monotypy. Synonymy: Wood 1966b: 18, 1986: 100. References: (tx) Schedl 1939j: 567–568; Wood, S. L. 1966b: 18, 1986: 100.

Notes: (1) *Thylurcos* Schedl was based on 2 species; *nevermanni* Schedl was transferred to *Corthylus* (Wood 1982b: 1298) leaving *moritzi* Ferrari as the only original species in the genus; thus, *Thylurcos* became an objective junior synonym of *Brachyspartus*.

References: (hb) Wood, S. L. 1986a: 100. (ds) Hagedorn 1910d: 91; Wood, S. L. 1986a: 100. (tx) Blandford 1904: 264; Eichhoff 1878b: 429; Ferrari 1867a: 65; Hagedorn 1910a: 140; Schedl 1935h: 347, 1939j: 567; Wood, S. L. 1966b: 18, 1986a: 100.

moritzi Ferrari 1867a: 68. Holotype ♀; Venezuela; NHMW, Wien.

Distribution: South America (Venezuela). References: (ds) Blackwelder 1947: 784; Gemminger & Harold 1872: 2693; Hagedorn 1910d: 91; Kleine 1913b: 156, 1914b: 340, 342. (tx) Eichhoff 1868d: 419, 1878b: 429; Ferrari 1867a: 68; Hagedorn 1910a: 140; Hopkins 1914: 117; Schedl 1939j: 567; Wood, S. L. 1966b: 18, 1992b: 82. (ms) Eichhoff 1868d: 419.

obtusus Schedl 1966f: 122 (*Corthylus*). Holotype ♀; Venezuela; Schedl Collection in NHMW, Wien. Synonymy: Wood 1992b: 82.

References: (tx) Schedl 1966f: 122, 1979c: 176; Wood, S. L. 1992b: 82.

Genus *Corthylocurus* Wood

CORTHYLOCURUS WOOD 1966b: 18. Type-species: *Brachyspartus barbatus* Blandford, original designation.

Keys: Wood 1982b: 1265 for Mexico and Central America.

References: (hb) Wood, S. L. 1986a: 100. (ds) Wood, S. L. 1986a: 100. (tx) Wood, S. L. 1966b: 18–19, 1973c: 175, 1982b: 1264–1270, 1986a: 100.

aguacatensis (Schedl) 1940a: 357 (*Metacorthylus*). Lectotype ♂; Xochitlan, Morelos, Mexico; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 15.

Figures: Atkinson et al. 1986: 43, Wood 1982b: 1267 (female head, declivity).

Distribution: North America (Michoacan, Morelos, Nayarit in Mexico).

Hosts: *Persca americana*, *Spondias mombin*.

Notes: (1) Wood 1982b: 1266 (designation of lectotype not needed).

References: (hb) Atkinson et al. 1986: 44; Burgos & Saucedo 1983: 183; Wood, S. L. 1982b: 1266. (ds) Atkinson et al. 1986: 44, 68; Blackwelder 1947: 782; Burgos & Saucedo 1983: 138; Wood, S. L. 1982b: 1266. (tx) Atkinson et al. 1986: 43; Schedl 1940a: 357, 1950i: 161, 1979c: 15; Wood, S. L. 1982b: 1266.

barbatus (Blandford) 1904: 265 (*Brachyspartus*). Holotype ♀; Volcan de Chiriqui, Chiriqui, Panama; BMNH, London.

Figures: Blandford 1904: 265, pl. 8, Wood 1982b: 1267 (female head, declivity).

Distribution: North America (Costa Rica/Oaxaca, Puebla in Mexico/Panama).

Hosts: *Conostegia oerstediana*, *Miconis* sp., *Spondias purpurea*.

References: (hb) Wood, S. L. 1982b: 1269. (ds) Atkinson & Equilma 1985c: 362; Blackwelder 1947: 784; Bright 1972a: 1385; Hagedorn 1910d: 91; Kleine 1913b: 156, 1914b: 366; Wood, S. L. 1982b: 1269. (tx) Blandford 1904: 265; Hagedorn 1910a: 140; Schedl 1935h: 349, 1939j: 569, 1950i: 162; Wood, S. L. 1966b: 19, 1973c: 175, 1982b: 1269.

brunneus (Numberg) 1972b: 191 (*Corthylus*). Holotype ♂; Sao Paulo, Itarare (Saupaio); MZUSP, Sao Paulo.

Distribution: South America (Brazil).

References: (tx) Numberg 1972a, 1972b: 191–192.

cinnamatus Bright 1972a: 1379. Holotype ♀; Mexico: 21 km N Ocozoautla, Chiapas; CNCI, Ottawa.

Figures: Bright 1972a: 1377, Wood 1982b: 1267 (female head).

Distribution: North America (Costa Rica/Chiapas in Mexico).

Hosts: Liana.

References: (hb) Wood, S. L. 1982b: 1269. (ds)

Wood, S. L. 1982b: 1269. (tx) Bright 1972a: 1377, 1379; McNamara 1977: 195; Wood, S. L. 1973c: 175, 1982b: 1269.

costaricensis (Schedl) 1936i: 108 (*Microcorthylylus*). Holotype ♀; Turrialba, Cartago, Costa Rica; Schedl Collection in NHMW, Wien.

Figures: Wood 1982b: 1267 (female head, declivity). Distribution: North America (Costa Rica).

Hosts: Lianas.

Notes: (1) Wood 1982b: 1268 (to *Corthylocurus*).

References: (hb) Wood, S. L. 1982b: 1268. (ds) Blackwelder 1947: 783; Wood, S. L. 1982b: 1268. (tx) Schedl 1936i: 108, 1979c: 67; Wood, S. L. 1982b: 1268.

debilis Wood 1974b: 150. Holotype ♀; Beverley, Limon, Costa Rica; Wood Collection.

Figures: Wood, S. L. 1982b: 1267 (female head, declivity).

Distribution: North America (Costa Rica/Panama).

Hosts: *Scrjania* sp.

References: (cn) Equihua 1988. (hb) Wood, S. L. 1982b: 1266. (ds) Atkinson & Equihua 1985c: 362, 1988: 86; Estrada & Atkinson 1988: 211; Wood, S. L. 1982b: 1266. (tx) Wood, S. L. 1974b: 150, 1982b: 1266.

mexicanus (Schedl) 1950i: 163 (*Brachyspartus*). Holotype ♂; Comitán, Mexico; Schedl Collection in NHMW, Wien.

Figures: Wood, S. L. 1982b: 1267 (female head, declivity).

Distribution: North America (Costa Rica/ Guatemala/ Chiapas, Oaxaca, Puebla, Veracruz in Mexico/ Panama).

Hosts: *Acacia* sp., *Arbutus* sp., *Inga* sp., *Miconia* sp., *Rhus* sp., *Rubus* sp., and other small branches.

References: (hb) Wood, S. L. 1982b: 1268. (ds) Atkinson & Equihua 1985c: 362; Ferrer 1942; Wood, S. L. 1982b: 1268. (tx) Schedl 1950i: 163, 1979c: 152; Wood, S. L. 1973c: 175, 1974d: 279, 1982b: 1268.

cylindricus Schedl 1963c: 164 (*Corthylylus*). Holotype ♀; Jalapa, Veracruz, Mexico; Schedl Collection in NHMW, Wien. Synonymy: Wood 1974d: 279.

References: (tx) Schedl 1963c: 164, 1979c: 73; Wood, S. L. 1974d: 279.

anomalous Bright 1972a: 1378 (*Corthylylus*). Holotype ♀; Highway 175, 5.6 km S Suchixtepec, Oaxaca, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 175.

References: (tx) Bright 1972a: 1378; McNamara 1977: 195; Wood, S. L. 1973c: 175.

signatifrons (Schedl) 1950i: 162 (*Brachyspartus*). Holotype ♀; Tybays or Tybagos [presumably Brazil]; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil?).

References: (tx) Schedl 1950i: 162, 1979c: 228.

tuberculifer (Eggers) 1937a: 86 (*Brachyspartus*). Syntypes 2, sex?: Brasil, Bahia; BMNH, London, 2 Eggers syntypes in NHMW, Wien. Figures: Terra 1987: 28.

Distribution: South America (Brazil).

Hosts: *Theobroma cacao*.

References: (ds) Blackwelder 1947: 784; Nummer 1976a: 56; Schedl 1976a: 56; Terra 1987: 27. (tx) Anderson, W. H. & Anderson 1971; Eggers 1937a: 86–87; Schedl 1939j: 569, 1979c: 258; Terra 1987: 27–28.

vernaculus (Schedl) 1939j: 569 (*Brachyspartus*). Syntypes ♀; Nova Teutonia, Brazil; Schedl Collection in NHMW, Wien, and Plammann Collection. Distribution: South America (Brazil).

Notes: (1) Schedl 1979c: 266 (citation of holotype invalid).

References: (ds) Blackwelder 1947: 784; Schedl 1966f: 91, 1967d: 4, 1970e: 85, 1976a: 56. (tx) Schedl 1939j: 569, 1950i: 163, 1979c: 266.

Genus *Corthylylus* Erichson

CORTHYLUS ERICHSON 1836: 64. Type-species: *Bostrichus compressicornis* Fabricius, by subsequent monotypy by Ferrari 1867a: 49. Wood 1974c: 202 designated lectotype for type-species.

Morizus Ferrari 1867a: 49. Type-species: *Morizus excisus* Ferrari, monobasic. Synonymy: Eichhoff 1869c: 300.

References: (tx) Blandford 1904: 251; Eichhoff 1869c: 297–301; Ferrari 1867a: 49, 59, 69; Swaine 1909: 90.

Pseudocorthylylus Ferrari 1867a: 59. Type-species: *Pseudocorthylylus letzneri* Ferrari. Synonymy: Wood 1977d: 511.

References: (tx) Ferrari 1867a: 59; Kirsch 1868: 214; Wood, S. L. 1977d: 511.

Corthylominnus Schedl 1972g: 73. Type-species: *Corthylominnus gracilis* Schedl, original designation, preoccupied by Ferrari 1867.

References: (tx) Schedl 1972g: 73, 1979c: 107.

Keys: Blandford 1904: 253 for Mexico and Central America; Wood 1982b: 1271 for North and Central America.

References: (ay) Nobuchi 1969a: 68. (hb) Hubbard 1897: 16; Merino & Vasquez 1963: 59–67; Wood, S. L. 1982b: 1270, 1986a: 100. (ds) Hagedorn 1910d: 90–91; Wood, S. L. 1982b: 1270, 1986a: 100. (tx) Arnett 1960: 1045, 1968: 1045; Beal & Massey 1945: 59, 104; Blandford 1904: 251–254; Bright 1972d: 103, 1976d: 191, 1978: 192; Chamberlin 1939: 283–285; Dodge 1938: 18; Eggers 1935a: 76–77, 1940a: 123–141; Eichhoff 1869a: 279, 1869c: 297–301, 1878b: 66, 421; Erichson 1836: 64; Ferrari 1867a: 48, 1867b: 104–115; Fonseca 1927: 585–590; Hagedorn 1910a: 144–145; LeConte 1876: 347; LeConte & Horn 1883: 517; Schedl 1939j: 567, 1940a: 349–350; Wood, S. L. 1966b: 19, 1967b: 37–57, 1967c:

- 119–141, 1974c: 181–202, 1977d: 511, 1982b: 1270–1310, 1986a: 100.
- abbreviatus** Eichhoff 1869a: 279. Holotype ♀; Columbia; IRSNB, Brussels.
Figures: Menschoy & Martin 1974: 6.
Distribution: South America (Colombia/Venezuela).
Hosts: *Ahms* sp., *Croton* sp., *Ficus* sp., *Vismia* sp.
References: (hb) Menschoy & Martins 1974, (ds) Blackwelder 1947: 784; Blandford 1904: 254; Gemminger & Harold 1872: 2693; Hagedorn 1903: 547, 1910d: 90; Kleine 1913b: 155, 1914b: 342, (tx) Blandford 1904: 254; Eggers 1933b: 2, 21; Eichhoff 1869a: 279, 1869c: 301, 1875b: 425; Hagedorn 1903b: 547, 1910a: 145; Menschoy & Martin 1974: 6.
- abruptedeclivis** Schedl 1966f: 121. Holotype ♀; Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1966f: 121, 1979c: 8.
- additus** Wood 1974c: 199. Holotype ♀; La Carbonera Experimental Forest, 50 km NW Merida, Merida, Venezuela; Wood Collection.
Distribution: South America (Venezuela).
Hosts: *Clusia* sp., *Ficus* sp., *Nectandra* sp., *Rubus* sp., *Vismia* sp.
References: (tx) Wood, S. L. 1974c: 199.
- alienus** Schedl 1966f: 119. Holotype ♀; Argentinien, Tucuman; Schedl Collection in NHMW, Wien.
Distribution: South America (Argentina).
References: (tx) Schedl 1966f: 119, 1979c: 16.
- antemarius** Schedl 1966f: 120. Holotype ♀; Brasilien, Nova Teutonia, Santa Catarina; Schedl Collection in NHMW, Wien.
Figures: Pedrosa-Macedo & Schonherr 1985: 61.
Distribution: South America (Brazil).
References: (ds) Pedrosa-Macedo & Schonherr 1985: 61; Schedl 1976a: 55, (tx) Pedrosa-Macedo & Schonherr 1985: 61; Schedl 1966f: 120, 1979c: 22.
- argentiniensis** Schedl 1950i: 157. Holotype ♂; Argentina, Pr. Jujuy, Verzenyi; Schedl Collection in NHMW, Wien.
Distribution: South America (Argentina).
Notes: (3) Schedl 1976a: 79 (described female).
References: (ds) Schedl 1976a: 53, (tx) Numberg 1962: 230; Schedl 1950i: 156–157, 1976a: 79, 1979c: 24.
- bifurcus** Schedl 1935h: 345. Holotype ♂; Costa Rica, Lagune Vulkan Poas, 2600 m; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica).
Hosts: Probably a native bamboo.
References: (ds) Blackwelder 1947: 784; Wood, S. L. 1982b: 1282, (tx) Schedl 1935h: 345, 1979c: 40; Wood, S. L. 1982b: 1282.
- bolivianus** Eggers 1943a: 379. Holotype ♀; Bolivia (Cochabamba); USNM, Washington.
Distribution: South America (Bolivia).
References: (tx) Anderson, W. H. & Anderson 1971: 7; Eggers 1943a: 379–380.
- brunnescens** Wood 1981: 122. Holotype ♀; Volcan Barba, Heredia, Costa Rica; Wood Collection, automatic.
Figures: Wood 1982b: 1291 (female).
Distribution: North America (Costa Rica).
Hosts: Native bamboo.
References: (hb) Wood, S. L. 1982b: 1290, (ds) Wood, S. L. 1982b: 1290, (tx) Wood, S. L. 1981: 122, 1982b: 1290.
- brunneus** Wood 1974c: 188. Holotype ♀; Volcan Barba, Heredia, Costa Rica; Wood Collection, preoccupied by Numberg 1972.
References: (tx) Wood, S. L. 1974c: 188, 1981: 122.
- calamarius** Wood 1974c: 185. Holotype ♀; Volcan Poas, Heredia, Costa Rica, 2000 m; Wood Collection.
Figures: Wood 1982b: 1280 (female).
Distribution: North America (Costa Rica).
Hosts: Native bamboo.
References: (hb) Wood, S. L. 1982b: 1282, (ds) Wood, S. L. 1982b: 1282, (tx) Wood, S. L. 1974c: 185, 1982b: 1282.
- callidus** Schedl 1973d: 172. Holotype ♀; Brasilien, Guanabara, Rio de Janeiro, Ilha do Governador; MZUSP, Sao Paulo.
Distribution: South America (Brazil).
References: (tx) Schedl 1973d: 172, 1979c: 50.
- calmicolens** Wood 1974c: 189. Holotype ♀; Volcan Poas, Heredia, Costa Rica, 2500 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: Native bamboo.
References: (tx) Wood, S. L. 1974c: 189, 1982b: 1291.
- canularius** Wood 1974c: 186. Holotype ♀; Cerro de la Muerte, San Jose, Costa Rica, 3200 m; Wood Collection.
Figures: Wood 1982b: 1284 (female).
Distribution: North America (Costa Rica).
Hosts: Native bamboo.
References: (hb) Wood, S. L. 1982b: 1283, (ds) Wood, S. L. 1982b: 1283, (tx) Wood, S. L. 1974c: 186, 1982b: 1283.
- carifrons** Numberg 1962: 230. Holotype ♀; Estacao Biologica de Boraceia, Salesopolis, Estado de Sao Paulo, Brasilien; DZSA, Sao Paulo.
Distribution: South America (Brazil).
References: (tx) Numberg 1962: 230.
- cecropii** Wood 1975a: 31. Holotype ♀; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
Distribution: North America (Costa Rica), South America (Venezuela).
Hosts: *Cecropia peltata* leaf petioles.
References: (hb) Wood, S. L. 1982b: 1278, (ds) Wood, S. L. 1982b: 1278, (tx) Wood, S. L. 1975a: 31, 1982b: 1278.

- cirritus** Wood 1974c: 200. Holotype ♀; La Carbonera Experimental Forest, 50 km NW Merida, Merida, Venezuela, 1100 m; Wood Collection. Distribution: South America (Venezuela). Hosts: *Nectandra* sp., *Piper* sp., and other small branches. References: (tx) Wood, S. L. 1974c: 200.
- collaris** Blandford 1904: 261. Holotype ♂; Cerro Zumil, Guatemala; BMNH, London. Figures: Wood 1952b: 1254 (female). Distribution: North America (Costa Rica/ Guatemala/ Chiapas in Mexico/ Panama). Hosts: *Acacia* sp., *Crotalaria* sp., *Miconia globuliflora*, *Phoebe mexicana*, *Theobroma cacao*, and other small branches. Notes: (3) Schedl 1950i: 160 (described female). References: (ec) Wichmann 1955a: 107. (hb) Wood, S. L. 1952b: 1285. (ds) Blackwelder 1947: 784; Hagedorn 1910d: 90; Kleine 1913b: 155, 1914b: 366; Wichmann 1955a: 107; Wood, S. L. 1952b: 1285. (tx) Blandford 1904: 261; Hagedorn 1910a: 145; Numberg 1962: 230; Schedl 1950i: 160, 1979c: 59; Wood, S. L. 1967c: 138, 1974d: 279, 1982b: 1285.
- splendens* Wood 1967c: 138. Holotype ♀; 16 km SE Cargago, Cartago, Costa Rica; Wood Collection. Synonymy: Wood 1974d: 279. References: (tx) Wood, S. L. 1967c: 138, 1974d: 279.
- columbianus** Hopkins 1895d: 104. Syntypes, sex?; Raleigh Co., West Virginia [USA]; USNM, Washington. Figures: Baker 1972: 266, Giese 1967: 56, Kabir & Giese 1966a: 886–891, Wood, S. L. 1952b: 1294 (female). Distribution: North America (District of Columbia, Florida, Georgia, Indiana, Kansas, Maryland, Massachusetts, Missouri, New Jersey, North Carolina, South Carolina, Tennessee, Vermont, Virginia, West Virginia in USA). Hosts: *Acer rubrum*, *A. saccharinum*, *Castanea dentata*, *Liriodendron tulipifera*, *Platanus occidentales*, *Quercus alba*, *Ulmus* sp. References: (ay) Giese 1964, 1967; Hopkins 1894g. (bv) Crozier & Giese 1967b; Gagne & Kearby 1979: 300; Kabir 1963, 1964; Kabir & Giese 1966a; Roling & Kearby 1975b, 1977; Turnbow & Franklin 1980. (cn) Anonymous 1960q, 1961h, 1962h, 1963y, 1965b, 1955k: 23; Baker, W. L. 1972: 265; Beal et al. 1952: 59; Bongberg 1962; Burns 1969, 1970: 1–15; Chamberlin 1924, 1939: 284–285; Coulson & Witter 1984: 566; Doane et al. 1936; Drooz 1955: 369; Felt 1906: 702; Hopkins 1894a: 146, 1894b: 300, 313–336, 1895: 104–107, 1896b: 81, 1896c: 76, 1897a: 37, 1897b: 17, 1898a: 106, 1902d: 24, 1909c: 61, 1910d: Hubbard 1897b: 17; Kabir & Giese 1966a; MacAloney & Ewan 1964; Marlatt 1929: 1–39; Mattson & Haack 1957; McCambridge & Kowal 1957: 7; McManus & Giese 1967; Nord & McManus 1972; Pettinger 1963: 65; Roling & Kearby 1973, 1977; Snyder 1923: 131, 1927: 3; White, W. B. & Giese 1968; Yates 1968. (cc) Baker, W. L. 1972: 265; Chamberlin 1939: 284–285; Crozier & Giese 1967b; Drooz 1955: 369; Felt 1906: 702; Giese 1962, 1966b, 1967b; Hopkins 1897a: 37; Kabir 1963, 1964: 4894–4895; Kabir & Giese 1966a, 1966b; Mattson & Haack 1957; McManus 1969; McManus & Giese 1965; Nord 1973; Oliveria 1975b; Pettinger & Giese 1968; Roling & Kearby 1974: 1305, 1977; Steinhaus 1946: 404; White, W. B. & Giese 1968: 1400; Wilson 1959a: 311–317, 1959b: 114. (hb) Anonymous 1985: 23; Baker, W. L. 1972: 265; Beal & Massey 1945: 105–106; Bright 1976d: 193; Burns 1969; Chamberlin 1939: 284–285; Coulson & Witter 1984: 566; Crozier 1968b: 5062; Crozier & Giese 1967a: 55–58, 1967b: 1203–1214; Doane et al. 1936; Drooz 1955: 369; Felt 1906: 702; Giese 1966a, 1966b, 1967: 55; Hoffmann & St. George 1949: 78; Hopkins 1894a, 1894g, 1904b: 325, 327, 1905c: 146; Hubbard 1897b: 17; Kabir 1963, 1964, 1966; Kabir & Giese 1966a: 887; Lucht & Giese 1961; MacAloney & Ewan 1964; McManus 1969: 2479; McManus & Giese 1966, 1967: 410, 1968; Milne 1968b; Milne & Giese 1969: 225–237, 1970: 12–24; Nord 1972, 1973; Nord & Lewis 1970: 155–157; Nord & McManus 1972; Oliveria 1975b; Pettinger & Giese 1963; Roling & Kearby 1973; Wilson 1959: 114; Wood, S. L. 1952b: 1285; Yates 1968. (ds) Anderson, R. L. & Barry 1980: 48; Anonymous 1963y, 1965b; Atkinson et al. 1991: 161; Beal & Massey 1945: 105–106; Blandford 1904: 253; Blatchley & Leng 1916: 643; Bright 1976d: 193; Chamberlin 1939: 284–285; Deyrup 1981b: 5; Drooz 1955: 369; Hagedorn 1910d: 90; Henshaw 1895: 44; Hoffmann 1940: 60, 1942: 12; Hoffmann & St. George 1949: 78; Kabir & Giese 1966a: 887; Kleine 1913b: 155, 1914b: 394, 1934a: 170; Leng 1920: 339; McManus 1969; Nord & McManus 1972; Schuder 1960a: 23; Smith, J. B. 1910: 400; Swaine 1909: 90; Turnbow & Franklin 1980; Wood, S. L. 1952b: 1285. (tx) Baker, W. L. 1972: 266; Beal & Massey 1945: 105–106; Blandford 1904: 253–254; Blatchley & Leng 1916: 643; Bright 1976d: 193; Chamberlin 1939: 284–285; Giese 1967: 56; Hagedorn 1910a: 145; Hopkins 1895d: 104 1915c: pl. 9, fig. 3, pl. 10, fig. 3; Hubbard 1897b: 17–18; Kabir & Giese 1966a: 886–891; Muesebeck 1942: 95, 1950: 130; Schedl 1940a: 354, 1979c: 60; Swaine 1909: 90–91; Wood, S. L. 1952b: 1285. (ms) Anonymous 1985k: 23; Giese 1966a; Nord & Lewis 1970; Tates 1968.
- comatus** Blandford 1904: 258. Holotype ♀; Cerro Zumil, Guatemala; BMNH, London.

- Figures: Blandford 1904:pl. S, Wood 1952b: 1292 (female).
 Distribution: North America (Costa Rica/ Guatemala/ Oaxaca, Puebla in Mexico/ Panama).
 Hosts: *Alnus* sp., *Miconia* sp., *Ochroma* sp., *Phoebe mexicana*, *Solanum torvum*, etc.
 References: (hb) Atkinson et al. 1956: 44; Wood, S. L. 1952b: 1292. (ds) Atkinson & Equilma 1955c: 362; Atkinson et al. 1956: 44; Blackwelder 1947: 754; Hagedorn 1910d: 90; Kleine 1913b: 155, 1914b: 366; Wood, S. L. 1952b: 1292. (tx) Blandford 1904: 255; Hagedorn 1910a: 145; Wood, S. L. 1974d: 279, 1952b: 1292.
- splendidius* Bright 1972a: 1371. Holotype ♀; Highway 175, 5.6 km S Suchistepec, Oaxaca, Mexico; CNCI, Ottawa. Synonymy: Wood 1974d: 279.
 References: (tx) Bright 1972a: 1370–1371; McNamara 1977: 195; Wood, S. L. 1974d: 279.
- comosus** Wood 1974c: 186. Holotype ♀; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
 Figures: Wood 1952b: 1284 (female).
 Distribution: North America (Costa Rica).
 Hosts: *Piper* sp.
 References: (hb) Wood, S. L. 1952b: 1283. (ds) Wood, S. L. 1952b: 1283. (tx) Wood, S. L. 1974c: 186, 1952b: 1283–1285.
- compressicornis** (Fabricius) 1501: 388 (*Bostrichus*). Lectotype ♀; published as *America meridionali*, type labeled Essequibo [Guyana]; UZMC, Copenhagen, designated by Wood 1974c: 202.
 Distribution: South America (Guyana/Suriname).
 Notes: (3) Wood 1974c: 202 (re-described type). Citations of this species from Colombia and Central America are based on erroneous identifications (SIW).
 References: (ay) Imhoff 1856: 228. (ds) Blackwelder 1947: 784; Blandford 1904: 254; Bright 1972a: 1355; Dejean 1837; Gemminger & Harold 1872: 2693; Hagedorn 1903b: 547, 1910d: 90; Kleine 1913b: 155; Lacordaire 1866: 355; Melsheimer 1853: 57; Wood, S. L. 1961c: 1. (tx) Blandford 1904: 254; Castelman 1840; Eggers 1929e, 1931b: 39, 1931c: 184, 1934a: 52; Eichhoff 1868: 421, 1869c: 297, 301, 1875b: 422; Fabricius 1801: 388; Ferrari 1867a: 48–49, 61; Hagedorn 1903b: 547, 1910a: 145; Hopkins 1914: 119; Lacordaire 1866: 355; Lucas 1920: 203; Schedl 1933b: 33, 35, 1950i: 153–154, 1979c: 60; Wood, S. L. 1961c: 1, 1967d: 56, 1974c: 202. (ms) Eichhoff 1865d: 421; Lucas 1920: 203.
- concarus** Bright 1972a: 1376. Holotype ♀; 24 km S Valle Nacional, Oaxaca, Mexico; CNCI, Ottawa.
 Distribution: North America (Oaxaca, Puebla in Mexico).
 Hosts: *Alnus* sp., and a tree limb.
 References: (hb) Wood, S. L. 1952b: 1296. (ds) Wood, S. L. 1952b: 1296. (tx) Bright 1972a: 1376; McNamara 1977: 195; Wood, S. L. 1952b: 1296.
- concisus** Wood 1974c: 201. Holotype ♀; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
 Figures: Blandford 1904:pl. S, Wood 1952b: 1307, 1309 (female).
 Distribution: North America (Costa Rica/ Chiapas in Mexico/ Panama).
 Hosts: *Conostegia oerstediana*, *Spondias purpurea*, *Theobroma cacao*.
 Notes: (1) Blandford 1904: 255 (this species was cited erroneously as *compressicornis*).
 References: (hb) Wood, S. L. 1952b: 1309. (ds) Atkinson & Equilma 1956a: 422; Kleine 1914b: 366; Wood, S. L. 1952b: 1309. (tx) Wood, S. L. 1974c: 201, 1952b: 1309.
- consimilis** Wood 1974c: 185. Holotype ♀; 9 km NE Teziutlan, Puebla, Mexico, 1600 m; Wood Collection.
 Figures: Wood 1952b: 1291.
 Distribution: North America (Guatemala/ Puebla in Mexico).
 Hosts: *Aracia* sp., and tree branches.
 References: (hb) Wood, S. L. 1952b: 1288. (ds) Wood, S. L. 1952b: 1288. (tx) Wood, S. L. 1974c: 185, 1952b: 1288.
- convexicauda** Eggers 1931b: 40. Syntypes 1 ♂, 1 ♀; Sao Paulo; Pragne Museum, 2 Eggers syntypes in NHMW, Wien.
 Distribution: South America (Brazil).
 References: (ds) Blackwelder 1947: 784; Pedrosa-Macedo & Schonherr 1955: 62; Schedl 1973d: 160, 1976a: 56. (tx) Eggers 1931b: 40–41; Pedrosa-Macedo & Schonherr 1955: 62; Schedl 1966f: 76, 1979c: 64.
- bituberculatus* Numberg 1962: 229. Holotype ♂; Barra do Tapirape, Estado de Matto Grosso, Brasilien; DZSA, Sao Paulo. Synonymy: Schedl 1966f: 76.
 References: (tx) Numberg 1962: 228–231; Schedl 1966f: 76.
- convexifrons** Wood 1956c: 270. Holotype ♀; La Mucuy, 20 km W Merida, Merida, Venezuela; Wood Collection.
 Distribution: South America (Venezuela).
 Hosts: *Nectandra* sp., and a tree branch.
 References: (tx) Wood, S. L. 1956c: 270.
- coronatus** Eggers 1933b: 21. Holotype ♀; Venezuela (Colonia Tovar); MNHN, Paris.
 Distribution: South America (Venezuela).
 References: (ds) Blackwelder 1947: 784. (tx) Eggers 1933b: 2, 21–22.
- curiosus** Bright 1972d: 104. Holotype ♀; Hardwar Gap, 4000', St. Andrew Parish, Jamaica; CNCI, Ottawa.
 Figures: Bright 1972d: 59, 75.
 Distribution: Antilles Islands (Jamaica).
 References: (ds) Bright 1955c: 176. (tx) Bright

- 1972d: 59, 75, 104, 1985c: 176; McNamara 1985c: 176.
- dentatus Eggers** 1943a: 382. Holotype ♂?: Bolivia (Cochabamba); Eggers Collection, in NHMW, Wien. Distribution: South America (Bolivia). References: (tx) Eggers 1943a: 382–383; Schedl 1979c: 77.
- detrimentosus Schedl** 1940a: 355. Syntypes, sex?: Sierra de Durango, Mexico; Schedl Collection in NHMW, Wien. Figures: Atkinson et al. 1986: 44. Distribution: North America (Durango, Guerrero, Morelos in Mexico). Hosts: *Arbutus* sp., etc. References: (hb) Atkinson & Equihua 1985a: 102; Atkinson et al. 1986: 44; Burgos & Saucedo 1983: 141; Wood, S. L. 1982b: 1300. (ds) Atkinson & Equihua 1985a: 102, 1985c: 362; Atkinson et al. 1986: 44; Blackwelder 1947: 784; Burgos & Saucedo 1983: 141; Ferrer 1942; Thomas, J. B. 1966; Wood, S. L. 1982b: 1300. (tx) Atkinson et al. 1986: 44; Schedl 1940a: 355, 1979c: 79; Wood, S. L. 1982b: 1300.
- diligens Wood** 1974c: 190. Holotype ♀; Volcan de Agua, Esquintla, Guatemala; Wood Collection. Figures: Wood 1982b: 1292 (female). Distribution: North America (Guatemala). Hosts: *Alnus* sp., *Clusia* sp., *Ficus* sp., etc. References: (hb) Wood, S. L. 1982b: 1293. (ds) Wood, S. L. 1982b: 1293. (tx) Wood, S. L. 1974c: 190, 1982b: 1293.
- discoideus Blandford** 1904: 262. Holotype ♂; Venezuela; BMNH, London. Distribution: South America (Venezuela). References: (ds) Blackwelder 1947: 784; Hagedorn 1910d: 90; Kleine 1913b: 155, 1914b: 340. (tx) Blandford 1904: 262; Hagedorn 1910a: 145; Schedl 1979c: 92.
- donaticus Wood** 1974c: 198. Holotype ♀; Colonia Tovar, Aragua, Venezuela; Wood Collection. Distribution: South America (Venezuela). Hosts: Small trees and branches. References: (tx) Wood, S. L. 1974c: 198.
- dubiosus (Schedl)** 1976a: 81 (*Metacortylus*). Holotype ♂; Encruzilhada, Bahia, Brazil; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (tx) Schedl 1976a: 81.
- eichhoffi Schedl** 1933b: 34. Holotype ♀; Costa Rica, Iberia, Sta. Clara [district in Limon Province]; Schedl Collection in NHMW, Wien. Distribution: North America (Costa Rica). References: (ds) Blackwelder 1947: 784; Wood, S. L. 1982b: 1310. (tx) Schedl 1933b: 34–35, 1979c: 87; Wood, S. L. 1982b: 1310.
- emarginatus Eggers** 1943a: 380. Lectotype ♂; Bolivia (Cochabamba); USNM, Washington, designated by Anderson & Anderson 1971: 12. Distribution: South America (Bolivia). Notes: (3) Eggers 1943a: 380 (cites *bicolor* Eggers, nomen nudum, synonymy). References: (tx) Anderson, W. H. & Anderson 1971: 12; Eggers 1943a: 380; Schedl 1979c: 90; Wood, S. L. 1966b: 22.
- excisus (Ferrari)** 1867a: 71 (*Morizus*). Holotype, sex?: Venezuela [probably Colonia Tovar]; NHMW, Wien. Distribution: South America (Venezuela). References: (ds) Blackwelder 1947: 784; Blandford 1904: 253; Gemminger & Harold 1872: 2693; Hagedorn 1910d: 90; Kleine 1914b: 340. (tx) Blandford 1904: 253; Eichhoff 1868d: 419, 1869c: 301; Ferrari 1867a: 71, 1867b: 255; Hagedorn 1910a: 145; Hopkins 1914: 125. (ms) Eichhoff 1868d: 419.
- exiguus Wood** 1984: 113. Holotype ♀; Cuautenango, Guerrero, Mexico, 1650 m; Wood Collection. Distribution: North America (Guerrero in Mexico). References: (ds) Kleine 1913b: 155. (tx) Wood, S. L. 1984: 113.
- flagellifer Blandford** 1904: 255. Syntypes, sex?: Toxpan in Mexico, San Geronimo and Pantaleon in Guatemala, and Boquete in Panama; BMNH, London. Figures: Lara & Shenefelt 1965: 174, 176, Wood 1982b: 1304 (female). Distribution: North America (Guatemala/ Chiapas, Morelos, Nayarit, Veracruz in Mexico/ Panama). Hosts: *Acacia* sp., *Pearsa americana*, and other tree branches. References: (ce) Wichmann 1955a: 107. (hb) Atkinson & Equihua 1985c: 363; Atkinson et al. 1986: 45; Burgos & Saucedo 1983: 143; Lara & Shenefelt 1965: 175; Moreira 1928: 24–25; Wood, S. L. 1982b: 1305. (ds) Atkinson & Equihua 1985c: 363; Atkinson et al. 1986: 45; Blackwelder 1947: 784; Burgos & Saucedo 1983: 143; Ferrer 1942; Gnaghiumi 1966: 218; Hagedorn 1910d: 90; Kleine 1913b: 155, 1914b: 353, 366; Roba 1935: 338; Wichmann 1955a: 107; Wood, S. L. 1982b: 1305. (tx) Blandford 1904: 255; Eggers 1931b: 41; Hagedorn 1910a: 145; Lara & Shenefelt 1965: 174–176; Schedl 1940a: 350, 1979c: 97; Wood, S. L. 1966b: 22, 1982b: 1305.
- circus Schedl** 1940a: 351. Lectotype ♂; Xochitlan, Morelos, Mexico; Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 22. References: (ds) Blackwelder 1947: 784; Ferrer 1942. (tx) Schedl 1940a: 351–354, 1979c: 58; Wood, S. L. 1966b: 22.
- nudiusculus Schedl** 1950i: 156. Holotype ♀; Mexico, Comitán; Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 22. References: (tx) Schedl 1950i: 156, 1979c: 173; Wood, S. L. 1966b: 22.

fuscus Blandford 1904: 262. Syntypes ♀: "Brazilian" tobacco intercepted at Paris [actual origin was Mexico]; BMNH, London.

Figures: Bustamante & Atkinson 1984: 88. Oranegni & Atkinson 1984: 88.

Distribution: North America (El Salvador/ Guatemala/ Distrito Federal, Mexico in Mexico).

Hosts: *Coffea* sp., *Malus* sp., *Pyrus* sp.

References: (cn) Bustamante & Atkinson 1984; Oranegni & Atkinson 1984. (cc) Wichmann 1955a: 107. (hb) Atkinson & Equilua 1985a: 102. 1985c: 362; Atkinson et al. 1986: 45; Bustamante & Atkinson 1984; Oranegni & Atkinson 1984; Wood, S. L. 1982b: 1283. (ds) Atkinson & Equilua 1985a: 102. 1985c: 362; Atkinson et al. 1986: 45; Blackwelder 1947; Hagedorn 1910d: 90; Kleine 1913b: 155; Wichmann 1955a: 107; Wood, S. L. 1982b: 1289. (tx) Blandford 1904: 262; Bustamante & Atkinson 1984: 88; Hagedorn 1910a: 145; Oranegni & Atkinson 1984: 88; Schedl 1950i: 158; Wood, S. L. 1982b: 1289.

gracilis (Schedl) 1972g: 74 (*Corthylomimus*). Holotype, sex?; Brasilien, Corcovado, Guanabara; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

Notes: (3) A note written by Schedl in his collection gave the genus as *Cortheloderes*, nomen nudum (SIW).

References: (tx) Schedl 1972g: 74. 1979c: 107.

granulatus Schedl 1935h: 345. Holotype ♀; Costa Rica, Turrialba, 800 m; Schedl Collection in NHMW, Wien.

Distribution: North America (Costa Rica).

References: (ds) Blackwelder 1947: 784; Wood, S. L. 1982b: 1289. (tx) Schedl 1935h: 345–346. 1979c: 110; Wood, S. L. 1982b: 1289.

granulifer Wood 1974c: 181. Holotype ♂; Volcan Poas, Heredia, Costa Rica, 2500 m; Wood Collection.

Distribution: North America (Costa Rica).

Hosts: *Myrica pubescens*, and a tree branch.

References: (tx) Wood, S. L. 1974c: 181.

ingensis (Schedl) 1939n: 14 (*Metacorthylus*). Holotype ♂; Colombia: El Collegio; BMNH, London.

Distribution: South America (Colombia).

Hosts: *Inga* sp.

References: (ds) Blackwelder 1947: 782. (tx) Schedl 1939n: 14. 1954b: 43. 1979c: 124.

insignis Wood 1974c: 200. Holotype ♀; 24 km E Barbosa, Antioquia, Colombia, 1200 m; Wood Collection.

Distribution: South America (Colombia).

Hosts: *Inga* sp.

References: (tx) Wood, S. L. 1974c: 200.

letzneri Ferrari 1867a: 55, 59. Syntypes, sex?; Venezuela [probably Colonia Tovar]; NHMW, Wien.

Distribution: South America (Colombia/Venezuela).

References: (ds) Blackwelder 1947: 784;

Blandford 1904: 254; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 90; Kleine 1913b: 155. 1914b: 340. (tx) Blandford 1904: 254; Ferrari 1867a: 55, 59; Hagedorn 1910a: 145; Hopkins 1914: 128; Schedl 1950i: 146; Wood, S. L. 1977b: 208. 1977d: 511.

castaneus Ferrari 1867a: 55, 59. Holotype ♂; Venezuela [probably Colonia Tovar]; NHMW, Wien. Synonymy: Schedl 1950i: 146.

References: (ds) Blackwelder 1947: 784; Blandford 1904: 258; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 90; Kleine 1913b: 155. 1914b: 340. (tx) Blandford 1904: 258; Ferrari 1867a: 55, 59; Hagedorn 1910a: 145; Schedl 1950i: 146, 158.

strigilatus Eggers 1933b: 20. Holotype ♂; Venezuela (Colonia Tovar); MNHN, Paris. Synonymy: Wood 1977b: 208.

References: (ds) Blackwelder 1947: 784. (tx) Eggers 1933b: 2, 20–21; Wood, S. L. 1977b: 208.

columbianus Schedl 1950i: 158. Holotype ♀; Columbia, Comatan; Schedl Collection in NHMW, Wien, preoccupied by Hopkins 1895.

Synonymy: Wood 1977b: 208. References: (cn) Blackman 1950. (hb) Blackman 1950. (ds) Blackman 1950. (tx) Schedl 1950i: 158. 1952d: 347. 1979c: 60; Wood, S. L. 1977b: 208.

ater Schedl 1952d: 347. Holotype ♀; Columbia, Comatan; Schedl Collection in NHMW, Wien, automatic. Synonymy: Wood 1977b: 208.

References: (tx) Schedl 1952d: 347. 1979c: 60; Wood, S. L. 1977b: 208.

luridus Blandford 1904: 256. Holotype ♀; Volcan de Chiriqui, Chiriqui, Panama; BMNH, London.

Distribution: Antilles Islands (Guadeloupe), North America (Guatemala/ Panama).

References: (ds) Blackwelder 1947: 784; Bright 1985c: 176; Hagedorn 1910d: 90; Kleine 1913b: 155. 1914b: 366; Wood, S. L. 1982b: 1300. (tx) Blandford 1904: 256; Bright 1985c: 176; Hagedorn 1910a: 145; Wood, S. L. 1982b: 1300.

biserialis Eggers 1943d: 247. Holotype ♀; Guatemala; IPKE, Eberswalde. Synonymy: Wood 1982b: 1300.

References: (tx) Eggers 1943d: 247; Numberg 1962: 229; Wood, S. L. 1982b: 247.

lustratus Wood 1984: 113. Holotype ♀; "Texcal," Mañote Poztlan, Morelos, Mexico; Wood Collection.

Distribution: North America (Morelos in Mexico).

References: (ds) Atkinson et al. 1986: 68; Wood, S. L. 1984: 113.

macrocerus Eichhoff 1869a: 279. Holotype ♀; Colombia; IRSNB, Brussels.

Distribution: South America (Colombia/ Ecuador).

References: (ds) Blackwelder 1947: 784; Blandford 1904: 254; Gemminger & Harold 1872: 2693; Hagedorn 1910d: 90; Kleine 1913b: 155.

- 1914b: 342. (tx) Blandford 1904: 254; Eichloff 1869a: 279–280, 1878b: 423; Hagedorn 1910a: 145.
- mexicanus** Schedl 1950i: 159. Holotype ♂; Mexico, Comitán; Schedl Collection in NHMW, Wien. Figures: Wood 1982b: 1301 (female). Distribution: North America (Honduras/Chiapas, Puebla, Veracruz in Mexico). Hosts: *Clethra hondurensis*, *Lippia substrigosa*, *Malus* sp., *Orcopanax* sp., *Paratithesis serrulata*, *Pinus pseudostrubus*, *Rapanea guyanensis*, *Salix* sp. References: (hb) Atkinson & Equihua 1985a: 103; Atkinson et al. 1986: 46; Burgos & Saucedo 1983: 141; Wood, S. L. 1982b: 1301. (ds) Atkinson & Equihua 1985a: 103, 1985c: 362; Atkinson et al. 1986: 46; Burgos & Saucedo 1983: 141; Wood, S. L. 1982b: 1301. (tx) Atkinson et al. 1986: 46; Numberg 1962: 229; Schedl 1950i: 156, 159, 1979c: 152; Wood, S. L. 1973c: 175, 1982b: 1301.
- glabius** Bright 1972a: 1372. Holotype ♀; 14 km SW Teopisca, Chiapas, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 175. References: (tx) Bright 1972a: 1370–1372; McNamara 1977: 195; Wood, S. L. 1973c: 175.
- micacirrus** Wood 1984: 114. Holotype ♀; Chilapa, Guerrero, Mexico; Wood Collection. Distribution: North America (Guerrero in Mexico). Hosts: *Ardesia* sp. References: (tx) Wood, S. L. 1984: 114.
- minimus** Wood 1974c: 192. Holotype ♀; La Ceiba, Atlántida, Honduras; Wood Collection. Distribution: North America (Honduras). References: (ds) Wood, S. L. 1982b: 1297. (tx) Wood, S. L. 1974c: 192, 1982b: 1297.
- minutissimus** Schedl 1940a: 353. Lectotype ♀; Mexico: Chiltepec (Oaxaca); Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 156. Distribution: North America (Honduras/Oaxaca in Mexico). Hosts: *Svietenia* sp. References: (hb) Wood, S. L. 1982b: 1299. (ds) Blackwelder 1947: 784; Ferrer 1942; Wood, S. L. 1982b: 1299. (tx) Schedl 1940a: 353–354, 1979c: 156; Wood, S. L. 1982b: 1299.
- minutus** Bright 1972a: 1373. Holotype ♀; Lagos de Colores (Lagunas de Montebello National Park), Chiapas, Mexico; CNCI, Ottawa. Figures: Bright 1972a: 1370. Distribution: North America (Chiapas in Mexico). Hosts: *Quercus* sp. References: (ds) Wood, S. L. 1982b: 1303. (tx) Bright 1972a: 1370, 1373; McNamara 1977: 195; Wood, S. L. 1982b: 1303.
- mirabilis** Numberg 1962: 226. Holotype ♀; Estacao Biologica de Boraceia, Salesopolis, Estado de Sao Paulo, Brasilien; IZW, Warsaw. Figures: Numberg 1962: 225, 228. Distribution: South America (Brazil). References: (tx) Numberg 1962: 225–226, 228.
- nanus** Wood 1979b: 138. Holotype ♂; 1 km SW Rincon de Osa, Puntarenas, Costa Rica; Wood Collection. Distribution: North America (Costa Rica). Hosts: *Cecropia* sp. leaf petiole. References: (ds) Wood, S. L. 1982b: 1298. (tx) Wood, S. L. 1979b: 138, 1982b: 1298.
- neotardus** Schedl 1980d: 120 (*Corthylyclon*). Holotype ♂; Carnam, Pernambuco, Brazil; Schedl Collection in NHMW, Wien, automatic. Distribution: South America (Brazil). References: (tx) Schedl 1980d: 120.
- tardus** Schedl 1976a: 85 (*Corthylyclon*). Holotype ♂; Carnam, Pernambuco, Brazil; Schedl Collection in NHMW, Wien, preoccupied by Wood 1974. References: (tx) Schedl 1976a: 85, 1980d: 120; Wood, S. L. 1981: 122.
- tardulus** Wood 1981: 122. Holotype ♂; Carnam, Pernambuco, Brazil; Schedl Collection in NHMW, Wien, automatic, an unneeded replacement name. References: (tx) Wood, S. L. 1981: 122.
- nevermanni** (Schedl) 1939j: 568 (*Thylurcos*). Holotype ♂; Hamburgfarm on Rio Reventazon, Limón, Costa Rica; Schedl Collection in NHMW, Wien. Distribution: North America (Costa Rica). Notes: (1) Wood 1982b: 1298 (to *Corthylylus*). References: (ds) Wood, S. L. 1982b: 1298. (tx) Schedl 1939j: 568, 1951m: 127, 1979c: 165; Wood, S. L. 1982b: 1298.
- niger** (Schedl) 1954b: 43 (*Metacorthylylus*). Lectotype ♀; Brasilien: Sta. Catarina, Nova Teutonia; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 166. Distribution: South America (Brazil). References: (ds) Schedl 1966f: 91, 1970e: 85. (tx) Schedl 1954b: 43, 1979c: 166.
- nolanae** Wood 1974c: 194. Holotype ♀; Hnajanapan, 21 km SE Oaxaca, Oaxaca, Mexico; Wood Collection. Distribution: North America (Oaxaca in Mexico). Hosts: *Nolena* sp. fruiting stalk. References: (hb) Wood, S. L. 1982b: 1302. (ds) Wood, S. L. 1982b: 1302. (tx) Wood, S. L. 1974c: 194, 1982b: 1302.
- nudipennis** Schedl 1950i: 155. Syntypes ♀; Brazil, Santa Catarina, Nova Teutonia; Schedl Collection in NHMW, Wien, and Plammann Collection. Figures: Pedrosa-Macedo & Schonherr 1985: 63. Distribution: South America (Brazil). Notes: (1) Schedl 1979c: 173 (citation of holotype invalid). References: (ds) Pedrosa-Macedo & Schonherr 1985: 63; Schedl 1967d: 4, 1972f: 47. (tx) McNamara 1977: 1195; Pedrosa-Macedo & Schonherr

- 1955: 63; de Ruelle 1970: 90; Schedl 1950i: 155, 1961i: 229, 1979c: 172.
- nudus** Schedl 1940a: 354. Syntypes ♀; Mexico: San Antonio Nexapa, Chiapas; Dampf Collection and Schedl Collection in NHMW, Wien.
Distribution: North America (Chiapas, Distrito Federal, Mexico, Michoacan in Mexico).
Notes: (1) Schedl 1979c: 173 (citation of holotype invalid).
References: (hb) Atkinson & Equihua 1955a: 102; Atkinson et al. 1986: 46; Burgos & Saucedo 1983: 140; Wood, S. L. 1982b: 1289. (ds) Atkinson & Equihua 1955a: 102; Atkinson et al. 1986: 46; Blackwelder 1947: 784; Burgos & Saucedo 1983: 140; Ferrer 1942; Wood, S. L. 1982b: 1289. (tx) Schedl 1940a: 354, 1979c: 173; Wood, S. L. 1982b: 1289.
- obliquus** Schedl 1976a: 79. Holotype ♀; Represa Rio Grande, Guanabara [Brazil]; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 79.
- oculatus** Wood 1974c: 184. Holotype ♀; Pandora, Limon, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica).
References: (hb) Wood, S. L. 1982b: 1289. (ds) Wood, S. L. 1982b: 1289. (tx) Wood, S. L. 1974c: 184, 1982b: 1289.
- oliveirai** Schedl 1976a: 80. Holotype ♂; Represa Rio Grande, Guanabara [Brazil]; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 80.
- panamensis** Blandford 1904: 259. Lectotype ♀; Volcan de Chiriqui, Chiriqui, Panama; BMNH, London, designated by Wood 1982b: 1287.
Figures: Blandford 1904: pl. 8, Wood 1982b: 1288 (female).
Distribution: North America (Costa Rica/ Guatemala (?)/ Panama).
Hosts: *Phoebe mexicana*, etc.
References: (hb) Wood, S. L. 1982b: 1287. (ds) Blackwelder 1947: 784; Hagedorn 1910d: 91; Kleine 1913b: 155, 1914b: 366; Schedl 1976a: 56; Wood, S. L. 1982b: 1287. (tx) Blandford 1904: 259; Hagedorn 1910a: 145; Schedl 1933b: 33, 1961i: 230, 1979c: 183; Wood, S. L. 1982b: 1287.
- populans** Eichhoff 1869a: 280. Holotype, sex?; Brasilia; IRSNB, Brussels.
Figures: Wood 1982b: 1304 (female).
Distribution: Antilles Islands (Eleuthera Islands in Bahamas Islands/ Grenada), North America (Costa Rica/ Honduras/ Michoacan, Nayarit, Oaxaca, Veracruz in Mexico/ Panama/ Florida in USA), South America (Brazil/ Cayenne/ Guyana/ Venezuela).
Hosts: *Persca americana*, *Salix guatemalensis*, *Spondias mombin*, *S. purpurea*, *Theobroma cacao*, and other tree branches.
References: (ds) Blackwelder 1947: 784; Blandford 1904: 254; Gemminger & Harold 1872: 2693; Hagedorn 1903b: 547, 1910d: 91; Kleine 1913b: 155, 1914b: 337; Numberg 1958a: 480; Pedrosa-Macedo & Schonherr 1985: 64; Schedl 1967d: 4, 1972g: 47, 1973d: 160. (tx) Blandford 1904: 254; Eggers 1931b: 42, 1933b: 2; Eichhoff 1869a: 280, 1869c: 301, 1878b: 427; Hagedorn 1903b: 547, 1910a: 145; Numberg 1958a: 480; Pedrosa-Macedo & Schonherr 1985: 64.
- spinifer** Schwarz 1891b: 114. Syntypes ♀; Key West, Florida [USA]; USNM, Washington.
Synonymy: Eggers 1933b: 2.
References: (bv) Atkinson, Foltz, & Connor 1985. (cc) Equihua & Atkinson 1986: 633; Wilson 1959b: 118. (hb) Atkinson, Foltz, & Connor 1985; Atkinson et al. 1986: 46, 65; Burgos & Saucedo 1983: 142; Chamberlin 1939: 285; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 633; Kabir & Giese 1966a; Ostmark 1968; Schwarz 1891b: 114; Wood, S. L. 1982b: 1304. (ds) Atkinson & Equihua 1985c: 362, 1986a: 422, 1988: 88; Atkinson et al. 1986: 46, 65, 1991: 162; Blatchley & Leng 1916; Bright 1982b: 164, 1985c: 176; Burgos & Saucedo 1983: 142; Chamberlin 1939: 285; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 633; Estrada & Atkinson 1988: 211; Hagedorn 1910d: 91; Henshaw 1895: 44; Kabir & Giese 1966a: 884; Kleine 1913b: 155, 1914b: 384, 1934a: 170; Leng 1920: 339; Ostmark 1968; Schwarz 1891b: 114; Swaine 1909: 91; Wood, S. L. 1977a: 69, 1982b: 1304. (tx) Blatchley & Leng 1916; Bright 1985c: 176; Chamberlin 1939: 285; Eggers 1933b: 2; Hagedorn 1910a: 145; Hopkins 1895d: 104; Kabir & Giese 1966a: 884; Schedl 1940a: 350; Schwarz 1891b: 114; Swaine 1909: 91; Wood, S. L. 1976a: 347, 1977c: 208, 1977d: 512, 1982b: 1304.
- affinis** Fonseca 1925a: 3 (*Metacorthylus*). Syntypes, sex?; Itatiba, Sao Paulo, Brazil; not located, probably in DZSA, Sao Paulo. Synonymy: Eggers 1933b: 2. Wood 1982b: 1304.
References: (cn) Costa Lima 1956. (hb) Costa Lima 1956. (ds) Blackwelder 1947: 784; Costa Lima 1936, 1956; Roba 1935: 338; Schedl 1966f: 91, 1970e: 85, 1973d: 160. (tx) Costa Lima 1956; Fonseca 1925a: 3, 1927: 583–590; Wood, S. L. 1977d: 512, 1982b: 1304.
- affinis** Fonseca 1927: 585. Syntypes, sex?; Itatiba, Sao Paulo, Brazil; not located, probably in DZSA, Sao Paulo. Synonymy: Eggers 1933b: 2. Wood 1982b: 1304.
References: (ds) Kleine 1934a: 171. (tx) Fonseca 1927: 583–590; Wood, S. L. 1977d: 512, 1982b: 1304.
- guayanensis** Eggers 1933b: 22. Syntypes ♂;

- Camopi*, Franz, Guayana: MNHN, Paris. Synonymy: Eggers 1933b: 2; Wood 1977b: 208.
References: (ds) Blackwelder 1947: 784. (tx) Eggers 1933b: 2, 22; Wood, S. L. 1977b: 208.
- tomentosus* Schedl 1940a: 350. Syntypes ♀; Mexico: Tuxtepec, Oaxaca: Dampf Collection and Schedl Collection in NHMW, Wien. Synonymy: Wood 1976a: 347.
Notes: (3) Part of the Dampf Collection went to Schedl, part to an Italian collector whose residence was Rome, and part to the Museo Nacional de Historia Natural or Instituto de Biología, Universidad Nacional Autónoma de México, Ciudad México (SIW).
References: (ds) Blackwelder 1947: 784. (tx) Schedl 1940a: 350–351, 1979c: 253; Wood, S. L. 1976a: 347.
- parvulus* Blandford 1904: 261. Holotype ♂; Las Mercedes, Guatemala; BMNH, London.
Distribution: North America (Guatemala).
Notes: (3) *Corthylus uniseptis* Schedl could be a synonym (SIW).
References: (ds) Blackwelder 1947: 784; Hagedorn 1910d: 91; Kleine 1913b: 155. (tx) Blandford 1904: 261; Ferrari 1867a: 53; Hagedorn 1910a: 145; Schedl 1940a: 353; Wood, S. L. 1982b: 1299.
- peruanus* Schedl 1950i: 155. Holotype ♂; Callanga, Peru; [probably from Eggers Collection] in NHMW, Wien.
Distribution: South America (Peru).
References: (tx) Schedl 1935b: 345–346, 1950i: 154–155, 1979c: 191.
- petilus* Wood 1967d: 56. Holotype ♀; 5 km W El Salto, Durango, Mexico; Wood Collection.
Figures: Wood 1967d: 54, 1982b: 1233.
Distribution: North America (Durango in Mexico/Arizona in USA).
Hosts: *Quercus hypoleucoides*, Q. sp.
References: (tx) Wood, S. L. 1967d: 54, 56–57, 1982b: 1233, 1308.
- pharax* Schedl 1976a: 80. Holotype ♀; Carnaru, Pernambuco, Brasil; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (hb) Wood, S. L. 1982b: 1308. (ds) Pedrosa-Macedo & Schonherr 1985: 65; Wood, S. L. 1982b: 1308. (tx) Pedrosa-Macedo & Schonherr 1985: 65; Schedl 1976a: 80; Wood, S. L. 1982b: 1308.
- pisimus* Bright 1972d: 103. Holotype ♀; Penlyne Castle, St. Thomas Parish, Jamaica; CNCI, Ottawa.
Distribution: Antilles Islands (Jamaica).
References: (ds) Bright 1985c: 176. (tx) Bright 1972d: 103, 1985c: 176; McNamara 1977: 195.
- praealtus* Schedl 1976a: 80. Holotype ♂; Brasilien, Rio Negro; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 80.
- praeustus* Schedl 1950i: 153. Lectotype ♀; Guatemala; Schedl Collection in NHMW, Wien, designated by Wood 1982b: 1308.
Distribution: North America (Guatemala), South America (Peru).
Notes: (1) Schedl 1979c: 198 (citation of holotype invalid).
References: (ds) Blackwelder 1947: 784; Wood, S. L. 1982b: 1308. (tx) Eggers 1931c: 184; Schedl 1950i: 153, 1979c: 198; Wood, S. L. 1982b: 1308.
- procerus* Bright 1972a: 1376. Holotype ♀; 10 km S Valle Nacional, Oaxaca, Mexico; CNCI, Ottawa.
Figures: Bright 1972a: 1370, 1377, Wood 1982b: 1307 (female).
Distribution: North America (Costa Rica/ Oaxaca in Mexico/ Panama).
Hosts: *Siparuna nicaraguensis*, and a liana.
References: (hb) Wood, S. L. 1982b: 1310. (ds) Wood, S. L. 1982b: 1310. (tx) Bright 1972a: 1370, 1376–1377; McNamara 1977: 195; Wood, S. L. 1982b: 1310.
- ptyocerus* Blandford 1904: 257. Lectotype ♀; Volcan de Chiriqui, Chiriqui, Panama; BMNH, London, designated by Wood 1982b: 1295.
Distribution: North America (Panama).
References: (ds) Blackwelder 1947: 784; Hagedorn 1910d: 91; Kleine 1913b: 155, 1914b: 366; Wood, S. L. 1982b: 1295. (tx) Blandford 1904: 257; Hagedorn 1910a: 145; Wood, S. L. 1982b: 1295.
- pumilus* Wood 1974c: 192. Holotype ♀; Madden Forest, Canal Zone, Panama, 30 m; Wood Collection.
Distribution: North America (Panama).
Hosts: Tree branch.
References: (hb) Wood, S. L. 1982b: 1297. (ds) Atkinson & Equilma 1986a: 422; Wood, S. L. 1982b: 1297. (tx) Wood, S. L. 1974c: 192, 1982b: 1297.
- punctatissimus* (Zimmermann) 1865: 144 (*Crypturgus*). Syntypes, sex?; South Carolina [USA]; not located.
Figures: Wood 1982b: 1288 (female).
Distribution: North America (Ontario in Canada/ Arkansas, Colorado, Connecticut, District of Columbia, Florida, Georgia, Illinois, Kentucky, Massachusetts, Michigan, Minnesota, Mississippi, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, Tennessee, Vermont, Virginia, West Virginia in USA).
Hosts: *Acer saccharinum*, *Berberis* sp., *Carpinus* sp., *Cercocarpus* sp., *Cornus* sp., *Corylus* sp., *Gaylussacia* sp., *Ostrya* sp., *Rhododendron* sp., *Sassafras* sp., *Vaccinium* sp., *Viburnum betuloides*.
References: (ay) Finnegan 1963, 1967; Hopkins 1894g. (bv) Atkinson, Foltz, & Connor 1985; Meixner 1937: 1218; Rose, A. H. & Lindquist 1982b: 133. (cn) Adrien 1947: 113–117; Baker, W. L. 1972: 265; Beal et al. 1952: 46; Blackman 1950; Boyd 1945: 114–115, 1953: 139–140; Comtois

- 1988: 182; Davianlt 1948: 30; Doane et al. 1936: Drooz 1955: 370; Felt 1905: 50, 65, 1906: 732, 1913: 427, 1915: 36, 1924: 44, 1926: 44, 1933: 45–51; Felt & Rankin 1932: 328, 437; Finnegan 1967; Finnegan, McPhee, & Watson 1959: 2; Fisher, Thompson, & Webb 1953; Hamilton 1933: 62–63; Headlee 1916, 1917: 306–335; Herrick 1935: 179, 322; Howse, Gross, & Rose 1981: 61; Hubbard 1897b: 16–17; Langford & Cory 1939: 50; Lindquist, O. H. & Syme 1981: 32; Martineau 1964b: 45; Packard 1890: 387–390; Pirone 1941: 376; Robert 1947a: 113; Roeper et al. 1987; Rose, A. H. & Lindquist 1982a, 1982b: 133; Sippell, Dance, & Rose 1966: 57; Sippell, MacDonald, & Rose 1960: 56–57, 1961: 56, 1962: 61, 1963: 63, 1964: 62, 1965: 63; Sorachi 1934: 34, 42, 1937: 50, 1941: 50–51; Syme & Nyström 1988: 33; Twinn 1934: 124; Weigel & Baumhofer 1948: 73–74; White 1933: 631–640; White & Hamilton 1935: 15. **(ce)** Baker, W. L. 1972: 265; Comtois 1988: 182; Felt 1905, 1906: 65, 1915: 36; Finnegan 1963; Roeper 1988; Rose, A. H. & Lindquist 1982b: 133; Rumbold 1931c: 849; Steinhaus 1946: 404; Wilson 1959b: 115. **(hb)** Atkinson, Foltz, & Connor 1988; Baker, W. L. 1972: 265; Beal & Massey 1945: 104–105; Bellevoye 1895; Blackman 1950; Boyd 1953: 139; Bright 1976d: 192; Chamberlin 1939: 284; Clittenden 1890; Comtois 1988: 182; Deyrup & Atkinson 1987a: 66; Doane et al. 1936; Drooz 1955: 370; Felt 1905, 1906: 65, 1915: 36, 1926: 44; Felt & Rankin 1932: 328, 437; Finnegan 1967; Herrick 1935: 179, 322; Hopkins 1894d: 145, 281, 1894g: 277, 1905c: 145; Hubbard 1897a: 423, 1897b: 16; Kabir & Giese 1966a; Lengerken 1954: 312; Merriam 1883: 84–86; Packard 1890: 387; Pierce, W. D. 1907: 290; Robert 1947a: 113; Roeper et al. 1987; Rose, A. H. & Lindquist 1982a, 1982b: 133; Schwarz 1890: 178, 1891b: 109–115; Smith, E. F. 1896: 318; Sorachi 1937: 50; Weiss 1916: 105; Wenzel 1906: 37; Wood, S. L. 1982b: 1290. **(ds)** Anonymous 1926c: 517, 1964h; Atkinson et al. 1991: 162; Beal & Massey 1945: 105–106; Beaulieu 1956; Blackman 1950; Blandford 1904: 253; Blatchley & Leng 1916: 642; Bright 1976d: 192; Chamberlin 1939: 284; Clittenden 1890; Deyrup 1981b: 8; Deyrup & Atkinson 1987a: 66, 1987b: 68; Dodge 1938; Drooz 1955: 370; Felt 1915: 36, 1926: 44; Felt & Rankin 1932: 328, 437; Finnegan 1963: 137, 1967: 50; Fox-Wilson 1938: 2, 318; Gemminger & Harold 1872: 2693; Hagedorn 1910d: 91; Hamilton 1895a: 346, 378; Henshaw 1885: 147; Hopkins 1893a: 127, 1893b: 207; Kabir & Giese 1966a: 884; Kirk 1970; Kleine 1913b: 155, 1914b: 384, 1934a: 170; Knull 1932: 66; Leng 1920: 339; Leonard 1928: 517; Lindquist, O. H. & Syme 1981: 32; Robert 1947a: 113; Roeper et al. 1987; Schwarz 1895b: 109; Smith, J. B. 1900: 361, 1910: 400; Swaine 1909: 91; Syme & Nyström 1988: 33; Thatcher, T. O. 1951: 80; Weiss 1915: 473; Wood, S. L. 1982b: 1290. **(tx)** Beal & Massey 1945: 104–105; Benoit 1985: 78; Blandford 1904: 253–254; Blatchley & Leng 1916: 642; Bright 1976d: 192, 204, 214; Chamberlin 1939: 284; Dodge 1938: 13, 38; Eichhoff 1878b: 428, 460; Finnegan 1967; Hagedorn 1910a: 145; Hopkins 1895d: 104; Hubbard 1897b: 16; Jacques 1951: 353; Kabir & Giese 1966a: 884; LeConte 1868: 154, 1876: 347; LeConte & Horn 1883: 517; Lindquist, O. H. & Syme 1981: 32; Meixner 1937: 218; Schedl 1940a: 354, 1950: 155, 1960a: 77; Schwarz 1891b: 109; Swaine 1909: 91; Syme & Nyström 1988: 33; Wood, S. L. 1982b: 1290; Zimmerman 1868: 144.
- punctatus** Eggers 1943a: 382. Holotype ♀; Bolivia (Cochabamba); USNM, Washington.
Distribution: South America (Bolivia).
References: **(cn)** Lavalley & Benoit 1978: 42; Pirone, Dodge, & Rickett 1960: 615; Sippell, Dance, & Rose 1966: 57; Sippell, MacDonald, & Rose 1960: 57. **(tx)** Anderson, W. H. & Anderson 1971: 26; Eggers 1943a: 382.
- pusillus** Eggers 1943a: 380. Holotype ♂; Bolivia (Cochabamba); USNM, Washington.
Distribution: South America (Bolivia).
References: **(tx)** Anderson, W. H. & Anderson 1971: 27; Eggers 1943a: 380–381.
- pygmaeus** Wood 1974c: 195. Holotype ♀; Finca La Lola, Limón, Costa Rica; Wood Collection.
Figures: Wood 1982b: 1301 (female).
Distribution: North America (Costa Rica).
Hosts: *Theobroma cacao*, and a tree branch.
References: **(hb)** Wood, S. L. 1982b: 1303. **(ds)** Atkinson & Equihua 1988: 86; Wood, S. L. 1982b: 1303. **(tx)** Wood, S. L. 1974c: 195, 1982b: 1303.
- redtenbacheri** Ferrari 1867a: 55, 60, 70. Syntypes ♂; Venezuela [probably Colonia Tovar]; NHMW, Wien.
Distribution: South America (Venezuela).
References: **(ds)** Blackwelder 1947: 784; Blandford 1904: 259; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 91; Kleine 1913b: 155, 1914b: 340. **(tx)** Blandford 1904: 259; Ferrari 1867a: 55, 60, 70; Hagedorn 1910a: 145; Schedl 1935h: 345, 1940a: 354, 1950i: 146.
- retusifer** Wood 1974c: 183. Holotype ♀; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
Figures: Wood 1982b: 1280 (female).
Distribution: North America (Costa Rica).
Hosts: *Phoebe mexicana*, a tree branch, and a liana.
References: **(hb)** Wood, S. L. 1982b: 1281. **(ds)** Wood, S. L. 1982b: 1281. **(tx)** Wood, S. L. 1974c: 183, 1982b: 1281.
- retusus** Wood 1974c: 182. Holotype ♀; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
Figures: Wood 1982b: 1280 (female).
Distribution: North America (Costa Rica).

- Hosts: *Miconia* sp., *Phoebe mexicana*, *Solanum torvum*.
References: (hb) Wood, S. L. 1952b: 1279. (ds) Wood, S. L. 1952b: 1279. (tx) Wood, S. L. 1974c: 182, 1952b: 1279.
- robustus Schedl** 1936i: 105. Holotype ♀: Brasilien, Nova-Teutonia; Schedl Collection in NHMW, Wien. Figures: Pedrosa-Macedo & Schonherr 1955: 66. Distribution: South America (Brazil).
Hosts: *Inga* sp.
Notes: (3) Schedl 1950d: 120 (described male).
References: (ds) Blackwelder 1947: 754; Pedrosa-Macedo & Schonherr 1955: 66; Schedl 1976a: 56; Schonherr & Pedrosa-Macedo 1951: 54. (tx) Pedrosa-Macedo & Schonherr 1955: 66; Schedl 1936i: 105, 1939j: 564, 1979c: 212, 1950d: 120.
- rubricollis Blandford** 1904: 260. Lectotype ♀: Volcan de Chiriqui, Chiriqui, Panama; BMNH, London, designated by Wood 1952b: 1254. Figures: Blandford 1904: pl. 5, Wood 1952b: 1254 (female).
Distribution: North America (Costa Rica/ Guatemala (?)/ Panama), South America (Colombia).
Hosts: *Miconia caudata*, *Myrica pubescens*, *Werklia insignis*.
References: (hb) Wood, S. L. 1952b: 1256. (ds) Blackwelder 1947: 754; Hagedorn 1910d: 91; Kleine 1913b: 155, 1914b: 366; Schedl 1961c: 1; Wood, S. L. 1961c: 1, 1952b: 1256. (tx) Blandford 1904: 260; Hagedorn 1910a: 145; Schedl 1933b: 33, 1935h: 346, 1950i: 158, 1979c: 214; Wood, S. L. 1961c: 1, 1952b: 1256.
- rufopilosus Eggers** 1931b: 39. Holotype ♀: Sao Paulo [Brazil]; Prague Museum.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 754. (tx) Eggers 1931b: 39–40; Schedl 1954m: 42, 1963d: 224, 1979c: 215.
- sanguineus Schedl** 1935h: 346. Holotype ♀: Costa Rica, [San Isidro de] Coronado; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica).
Hosts: *Pearcea americana*.
References: (ds) Blackwelder 1947: 754; Wood, S. L. 1952b: 1257. (tx) Schedl 1935h: 346–347, 1950i: 156, 1979c: 219; Wood, S. L. 1952b: 1257.
- schaufussi Schedl** 1937g: 69. Lectotype ♂: Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien.
Figures: Pedrosa-Macedo & Schonherr 1955: 66–67, Terra 1957: 29.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 754; Numberg 1971: 57; Pedrosa-Macedo & Schonherr 1955: 67; Schedl 1966f: 91, 1967d: 4, 1970e: 85, 1972g: 47, 1973d: 160; Terra 1957: 27. (tx) Pedrosa-Macedo & Schonherr 1955: 66–67; Schedl 1937g: 69–70, 1939j: 564, 1950i: 147, 1979c: 221; Terra 1957: 27, 29.
- senticosus Wood** 1956c: 271. Holotype ♀: Jalapa, Veracruz, Mexico; Wood Collection.
Distribution: North America (Veracruz in Mexico).
Hosts: *Psittacanthus schiedeana*.
References: (tx) Wood, S. L. 1956c: 271.
- sentosus Wood** 1956c: 271. Holotype ♀: Km 32 on Carretera Patzenaro-Ario de Rosales, Michoacan, Mexico; Wood Collection.
Distribution: North America (Michoacan in Mexico).
Hosts: *Psittacanthus* sp.
References: (tx) Wood, S. L. 1956c: 271.
- sentus Wood** 1974c: 195. Holotype ♀: 2 km SE Cartago, Cartago, Costa Rica, 1300 m; Wood Collection.
Figures: Wood 1952b: 1301 (female).
Distribution: North America (Costa Rica/ Guatemala).
Hosts: *Miconia schlechtendalii*, also in a liana, shrub, and tree.
References: (hb) Wood, S. L. 1952b: 1303. (ds) Wood, S. L. 1952b: 1303. (tx) Wood, S. L. 1974c: 195, 1952b: 1303.
- serratus Wood** 1974c: 197. Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
Figures: Wood 1952b: 1307 (female).
Distribution: North America (Costa Rica/ Panama).
Hosts: *Inga* sp., *Miconia globuliflora*, *Phoebe mexicana*, *Siparuna nicaraguensis*, *Werklia insignis*.
References: (hb) Wood, S. L. 1952b: 1306. (ds) Wood, S. L. 1952b: 1306. (tx) Wood, S. L. 1974c: 197, 1952b: 1306.
- serrulatus Eggers** 1934a: 52. Syntypes 1 ♂, 1 ♀: Bolivien (Cochabamba); ♂ MNHN, Paris. ♀ Eggers Collection, in NHMW, Wien.
Distribution: South America (Bolivia).
References: (ds) Blackwelder 1947: 754. (tx) Eggers 1934a: 52; Schedl 1979c: 225.
- simillimus Schedl** 1966f: 115. Holotype ♂: Venezuela; Schedl Collection in NHMW, Wien.
Distribution: South America (Venezuela).
References: (tx) Schedl 1966f: 115, 1979c: 230.
- simplex Wood** 1974c: 187. Holotype ♀: Cerro de la Muerte, San Jose, Costa Rica, 3100 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: *Podocarpus oleifolius*, and other tree branches.
References: (ds) Wood, S. L. 1952b: 1256. (tx) Wood, S. L. 1974c: 187, 1952b: 1256.
- sobrinus Wood** 1974c: 196. Holotype ♀: Turrialba, Cartago, Costa Rica, 700 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: *Theobroma cacao*.
References: (hb) Wood, S. L. 1952b: 1305. (ds) Wood, S. L. 1952b: 1305. (tx) Wood, S. L. 1974c: 196, 1952b: 1305.

- spinus Wood** 1974c: 194. Holotype ♂: Fortin de las Flores-Smudero, Veracruz, Mexico, 900 m; Wood Collection.
Distribution: North America (Veracruz in Mexico).
References: (ds) Wood, S. L. 1982b: 1302. (tx) Wood, S. L. 1974c: 194. 1982b: 1302.
- strigilis Wood** 1974c: 189. Holotype ♀; 16 km SE Cartago, Cartago, Costa Rica, 1800 m; Wood Collection.
Distribution: North America (Costa Rica/ Panama).
Hosts: *Cecropia* sp., *Miconia globuliflora*, *Myrica pubescens*, *Ochroma* sp., *Phoebe mexicana*, *Werkliia insignis*.
References: (hb) Wood, S. L. 1982b: 1293. (ds) Wood, S. L. 1982b: 1293. (tx) Wood, S. L. 1974c: 189. 1982b: 1293.
- subasperulus Eggers** 1940a: 141. Lectotype ♀; Guadeloupe; USNM, Washington, designated by Anderson & Anderson 1971: 32.
Distribution: Antilles Islands (Dominica/ Guadeloupe).
References: (tx) Anderson, W. H. & Anderson 1971: 32; Bright 1981c: 153; Eggers 1940a: 141; Schedl 1979c: 240.
- suberratus Wood** 1974c: 197. Holotype ♀; Volcan Poas, Heredia, Costa Rica; Wood Collection.
Figures: Wood 1982b: 1307 (female).
Distribution: North America (Costa Rica).
Hosts: Tree branch, *Vaccinium consanguineum*.
References: (hb) Wood, S. L. 1982b: 1306. (ds) Wood, S. L. 1982b: 1306. (tx) Wood, S. L. 1974c: 197. 1982b: 1306.
- subulcatus Schedl** 1961i: 230. Holotype ♀; Bolivia, Cochabamba, Prov. Chapara, km 150, Jungas del Palmar; Schedl Collection in NHMW, Wien.
Distribution: South America (Bolivia).
References: (ds) Schedl 1960a: 77, 1961i: 230.
- suturalis Eggers** 1931b: 41. Lectotype ♂; Brasilien (Espiritu Santo); USNM, Washington, designated by Anderson & Anderson 1971: 33.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 784; Pedrosa-Macedo & Schonherr 1985: 68; Schedl 1967d: 4, 1972g: 47, 1973d: 160. (tx) Anderson, W. H. & Anderson 1971: 33; Eggers 1931b: 41-42; Pedrosa-Macedo & Schonherr 1985: 68; Schedl 1950i: 155, 1979c: 247.
- sutarifer Schedl** 1963c: 165. Holotype ♀; Cordoba, Veracruz, Mexico; Schedl Collection in NHMW, Wien.
Distribution: North America (Veracruz in Mexico).
References: (ds) Atkinson & Equilma 1986a: 422; Wood, S. L. 1982b: 1296. (tx) Schedl 1963c: 165, 1979c: 248; Wood, S. L. 1982b: 1296.
- theobromae Nunberg** 1971: 59. Holotype ♂; Ilheus, Bahia, Brasilien; MZUSP, Sao Paulo.
Figures: Nunberg 1971: 60, Terra 1987: 27, 29.
Distribution: South America (Brazil).
Hosts: *Theobroma cacao*.
References: (ds) Nunberg 1971: 59; Terra 1987: 27. (tx) Nunberg 1971: 59-60; Terra 1987: 27, 29.
- transversus Eichhoff** 1869a: 279. Holotype, sex?; Nov. Granada; IRSNB, Brussels.
Distribution: South America (Colombia).
References: (ds) Blackwelder 1947: 784; Blandford 1904: 254; Gemminger & Harold 1872: 2693; Hagedorn 1910d: 91; Kleine 1913b: 155, 1914b: 342. (tx) Blandford 1904: 254; Eichhoff 1869a: 279, 1869c: 301, 1878b: 426; Hagedorn 1910a: 145.
- trucis Wood** 1974c: 193. Holotype ♀; 16 km SE Cartago, Cartago, Costa Rica, 1800 m; Wood Collection.
Figures: Wood 1982b: 1301 (female).
Distribution: North America (Costa Rica).
Hosts: *Miconia globuliflora*.
References: (hb) Atkinson et al. 1986: 46; Burgos & Saucedo 1983: 140. (ds) Atkinson et al. 1986: 46; Burgos & Saucedo 1983: 140; Wood, S. L. 1982b: 1299. (tx) Wood, S. L. 1974c: 193, 1982b: 1299.
- truncatus Wood** 1985: 272. Holotype ♀; jungle near Leonpampa, Iwanuco Department, Peru, 800 m; Wood Collection.
Distribution: South America (Peru).
References: (tx) Wood, S. L. 1985: 272.
- trunculus Wood** 1974c: 191. Holotype ♀; 13 km S El Hato del Volcan, Chiriqui, Panama; Wood Collection.
Distribution: North America (Costa Rica/ Panama).
Hosts: Small tree, and a liana.
References: (hb) Wood, S. L. 1982b: 1296. (ds) Wood, S. L. 1982b: 1296. (tx) Wood, S. L. 1974c: 191, 1982b: 1296.
- tuberculatus Eggers** 1940a: 140. Lectotype ♂; Guadeloupe; USNM, Washington, designated by Anderson & Anderson 1971: 34.
Distribution: Antilles Islands (Dominica/ Guadeloupe).
References: (ds) Bright 1981c: 153, 1985c: 176. (tx) Anderson, W. H. & Anderson 1971: 34; Bright 1985c: 176; Eggers 1940a: 140, 1941a: 108; Schedl 1979c: 257.
- tulcanus Hagedorn** 1910b: 6. Holotype, sex?; Ecuador - Tulcan; MNHN, Paris.
Distribution: South America (Ecuador).
References: (ds) Blackwelder 1947: 784; Hagedorn 1910d: 91; Kleine 1913b: 155, 1914b: 343. (tx) Hagedorn 1910a: 145, 1910b: 6.
- uniseptis Schedl** 1961i: 229. Holotype ♂; Mexico, Cordoba, Ver.; CAS, San Francisco.
Figures: Bright 1972a: 1370.
Distribution: North America (Chiapas, Veracruz in Mexico).
References: (ds) Atkinson & Equilma 1985c: 362.

- 1986a: 422; Schedl 1960a: 75; Wood, S. L. 1982b: 1299. **(tx)** Schedl 1960a: 75, 1961i: 229, 1979c: 260; Wood, S. L. 1974d: 280, 1982b: 1299.
- reburus* Bright 1972a: 1375. Holotype ♀; Palenque Ruins, Chiapas, Mexico; CNCI, Ottawa. Synonymy: Wood 1974d: 280. References: **(tx)** Bright 1972a: 1370, 1375; McNamara 1977: 195; Wood, S. L. 1974d: 280.
- venustus** Schedl 1951m: 127 (*Thylurcos*). Holotype ♂; Brasilien; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: **(tx)** Schedl 1951m: 127, 1979c: 265.
- villifer** Wood 1974c: 183. Holotype ♀; 15 km SE Cartago, Costa Rica, 1800 m; Wood Collection. Distribution: North America (Costa Rica/Panama). Hosts: *Siparuna nicaraguensis*, and a liana. References: **(hb)** Wood, S. L. 1982b: 1281. **(ds)** Wood, S. L. 1982b: 1281. **(tx)** Wood, S. L. 1974c: 183, 1982b: 1281.
- villosus** Eggers 1943a: 381. Holotype ♂; Bolivia (Cochabamba); Eggers Collection, in NHMW, Wien. Distribution: South America (Bolivia/Brazil). Notes: (3) Schedl 1976a: 81 (described female). References: **(ds)** Schedl 1972g: 47, 1973d: 160.
- (tx)** Eggers 1943a: 381; Schedl 1976a: 81, 1979c: 268.
- villus** Bright 1972a: 1371. Holotype ♀; Yerba Buena, 32 km N Bochil, Chiapas, Mexico; CNCI, Ottawa. Figures: Bright 1972a: 1370, Wood 1982b: 1280 (female). Distribution: North America (Costa Rica/Guatemala/Chiapas, Puebla in Mexico). Hosts: *Ahuus* sp., *Spondias purpurca*, and other tree branches. References: **(hb)** Wood, S. L. 1982b: 1281. **(ds)** Atkinson & Equihua 1986a: 422; Wood, S. L. 1982b: 1281. **(tx)** Bright 1972a: 1370–1371; McNamara 1977: 195; Wood, S. L. 1982b: 1281.
- zelus** Wood 1974c: 190. Holotype ♀; Cerro de la Muerte, San Jose, Costa Rica; Wood Collection. Figures: Wood 1982b: 1294 (female). Distribution: North America (Costa Rica). Hosts: *Brunellia costaricensis*. References: **(hb)** Wood, S. L. 1982b: 1293. **(ds)** Wood, S. L. 1982b: 1293. **(tx)** McNamara 1977: 195; Wood, S. L. 1974c: 190, 1982b: 1293.

Genera Incertae Sedis

Genus *Bufonus* Eggers

BUFONUS EGGER 1919: 231. Type-species: *Bufonus obscurus* Eggers, monobasic.

Notes: (1) The holotype and only known specimen of the type-species is lost. The description suggests that is a Hypoborini.

References: (tx) Eggers 1919: 231; Schedl 1961k: 444.

obscurus Eggers 1919: 231. Holotype, sex?; Amani, Ost-Afrika; Hamburg Museum, lost.

Distribution: Africa (Tanzania).

References: (tx) Eggers 1919: 231; Schedl 1961k: 444.

Genus *Carphoborites* Schedl

CARPHOBORITES SCHEDL 1947a: 32. Type-species: *Carphoborites keilbachi* Schedl, present designation.

Notes: (1) This genus is doubtfully distinct from *Carphoborus*. The lapsus calami, *Charphoborites*, was corrected by Schedl on p. 33.

References: (tx) Schedl 1947a: 32.

keilbachi Schedl 1947a: 32. Holotype, sex?; Baltische Bernstein; Geologisch-Palaeontologische Institut Albertus Universitat, Konigsberg.

Distribution: Europe (fossil in Baltic amber).

References: (tx) Schedl 1947a: 32.

posticus Schedl 1947a: 33. Holotype, sex?; Baltische Bernstein; Geologisch-Palaeontologische Institut Albertus Universitat, Konigsberg.

Distribution: Europe (fossil in Baltic amber).

References: (tx) Schedl 1947a: 33.

Genus *Cryphalites* Cockerell

CRYPHALITES COCKERELL 1917: 368. Type-species: *Cryphalites rugosissimus* Cockerell, monobasic.

References: (tx) Cockerell 1917: 368.

rugosissimus Cockerell 1917: 368. Holotype, sex?; Burmese amber; University of Colorado, Boulder [not now present in that collection].

Distribution: Asia (fossil in Burmese amber).

Notes: (1) This specimen was not examined by us, and is unknown to us except for the very brief description. It is tentatively assigned to the Cryphalini.

References: (ds) Keilbach 1985: 255. (tx) Cockerell 1917: 368. (ms) Keilbach 1985: 255.

Genus *Taphramites* Schedl

TAPHRAMITES SCHEDL 1947a: 41. Type-species: *Taphramites gnathotrichus* Schedl, monobasic.

References: (tx) Schedl 1947a: 41–43.

gnathotrichus Schedl 1947a: 42. Holotype, sex?; Baltische Bernstein; Geologisch-Palaeontologische Institut Albertus Universitat, Konigsberg.

Distribution: Europe (fossil in Baltic amber).

Notes: (1) This species probably belongs in or near *Dryocoetes* in the Dryocoetini.

References: (ds) Keilbach 1982: 255. (tx) Schedl 1947a: 42, 1970c: 68–70. (ms) Keilbach 1982: 255.

Genus *Toxophthorus* Wood

TOXOPHTHORUS WOOD 1962: 77. Type-species: *Toxophthorus africanus* Eggers, automatic.

Toxophthorus Eggers 1920: 119. Type-species: *Toxophthorus africanus* Eggers, preoccupied by Schoenherr 1836.

References: (tx) Eggers 1920: 119–120; Schedl 1957d: 14, 1961k: 735; Wood, S. L. 1962: 77.

References: (tx) Wood, S. L. 1962: 77.

africanus (Eggers) 1920: 119 (*Toxophthorus*). Holotype, sex?; Deutsch-Ostafrika; Hamburg Museum, lost.

Distribution: Africa (Tanzania).

Hosts: Copal.

Notes: (1) This species is apparently a Dryocoetini in or near *Tiarophorus* or *Xylocleptes*. Although it was named as a fossil, it is probably a living species.

References: (tx) Eggers 1920: 119; Schedl 1957d: 14, 1961k: 735.

Genus *Xyleborites* Wickham

XYLEBORITES WICKHAM 1913: 26. Type-species: *Xyleborites longipennis* Wickham, monobasic.

References: (tx) Leng 1920: 363; Wickham 1913: 26.

longipennis Wickham 1913: 26. Holotype, sex?; Miocene (Colorado) [USA]; not located.

Distribution: North America (Miocene fossil from Colorado in USA).

Notes: (1) Essential characters were not described. It is uncertain where this species fits in classification or even if it is actually a scolytid.

References: (tx) Leng 1920: 363; Wickham 1913: 26.

Genus *Xylechinites* Hagedorn

XYLECHINITES HAGEDORN 1906: 120. Type-species: *Xylechinites anceps* Hagedorn, monobasic.

References: (tx) Hagedorn 1906: 120; Schedl 1947a: 30–31.

anceps Hagedorn 1906: 120. Holotype, sex?; Baltische Bernstein; Geologisch-Palaeontologische Institut Albertus Universitat, Konigsberg.

Figures: Schedl 1947a: 31 (photograph of type).

Distribution: Europe (fossil in Baltic amber).

Notes: (1) This species appears to be a Tomicini, but it may not be allied to *Xylechinus*. (3) Schedl 1947a: 31 (re-described).

References: (ds) Keilbach 1982: 255. (tx) Hagedorn 1906: 120; Keler 1928: 28; Schedl 1947a: 31. (ms) Keilbach 1982: 255.

Genus *Cynanchophagus* Axentjev

CYNANCHOPHAGUS AXENTJEV 1987:000. Type-species: *Cynanchophagus cornutus* Axentjev, monobasic.

References: (tx) Axentjev 1987:000.

cornutus Axentjev 1957:000. Holotype ♀;
Tadzhikistan: lowland of river Vakhshi, nature
reserve "Tigrovia balka"; IZL, St. Petersburg/Len-
ingrad.
Distribution: Asia (Tadzhikistan in USSR).

Hosts: *Cynanchum sibiricum*.

Notes: (1) We have not seen the original descrip-
tion or specimens of this species.

References: (tx) Axentjev 1957:000.

Catalog of Platypodidae

Family Platypodidae Erichson

Platypodidae (including the French Platypides)

Notes: In the absence of a comprehensive review of genera for the Platypodidae since the family was named, it was intended that such a study would be completed prior to completion of this catalog. Immovable publication deadlines made that impossible. However, after the catalog was completed but before it was published the review of genera was prepared and will be published in the 1993 *Great Basin Naturalist* (SIW).

References: Balachowsky 1949a: 275; Barbey 1901: 28; Beal & Massey 1945: 62; Bedel 1885b: 355, 404, 421; Blandford 1895b: 89; Broun 1850: 539; Brues & Melander 1932: 445; Chapuis 1865; Costa Lima 1956: 339; Erichson 1847: 135; Handlirsch 1925: 692; Hopkins 1915c: 225; Jacquelin du Val & Fairmaire 1868: 109; Lacordaire 1866: 355; LeConte 1873: 13, 1876: 341; LeConte & Horn 1883: 513; Leng 1920: 337; Lindemann 1876: 151; Lovendal 1889b: 5; Lucas 1920: 50; Numberg 1954: 13, 92; Reitter 1894: 39, 93, 1913a: 13; Schedl 1939b: 377, 388, 396, 1972f; Strohmeier 1912c: 1–26; Swaine 1909: 83; Thomson 1865: 377; Tredl 1907: 4.

Platypodinae

References: Blandford 1895b: 89; Strohmeier 1911: 218, 1912: 4; Swaine 1909: 83.

Platypodini

References: Schedl 1939b: 396.

Platypites

References: Fairmaire 1868: 107.

Platypodae

References: Eichhoff 1851: 305.

Platytarsulidae

References: Schedl 1939b: 381, 387.

Platytarsulinae

References: Schedl 1972f: 83, 269.

Subfamily Coptonotinae Chapuis

Coptonotidae

References: Balachowsky 1949a: 51; Blackman 1944: 77–78; Blackwelder 1947: 788; Chapuis 1869: 11, 1873: 219; Numberg 1953: 43, 46; Schedl 1939b: 381, 386–387, 1940a: 318, 328, 1962: 3–14.

Coptonotinae

References: Hopkins 1915c: 225, 227; Schedl 1939b: 381, 387.

Chapuisidae

References: Blackman 1944: 77–78; Strohmeier 1914b: 1–4.

Tribe Coptonotini Chapuis

Coptonotidae

References: Balachowsky 1949a: 51; Blackman 1944: 77–78; Blackwelder 1947: 788; Chapuis 1869: 11, 1873: 219; Numberg 1953: 43, 46; Schedl 1939b: 381, 386–387, 1940a: 318, 328, 1962d: 314.

Genus *Coptonotus* Chapuis

COPTONOTUS CHAPUIS 1869: 11. Type-species: *Coptonotus cyclopus* Chapuis, monobasic.

References: (ds) Blackwelder 1947: 788; Hagedorn 1910d: 7, (tx) Blackman 1944: 77–78; Blandford 1893d: 427, 441; Chapuis 1869: 11, 1873: 219; Eggers 1935a: 75; Hagedorn 1910a: 34–37; Hopkins 1914: 118, 133; Schaufuss 1905: 89; Schedl 1939b: 386, 1948b: 262, 1962d: 8.

cyclopus Chapuis 1869: 11. Syntypes, sex?, Nouvelle-Grenade; IRSNB, Brussels.

Figures: Equihua & Atkinson 1987: 11, Schedl 1962d: fig. 3.

Distribution: North America (Costa Rica/Panama), South America (Colombia/Peru).

Hosts: Probably *Quercus* sp.

References: (ds) Blackwelder 1947: 788; Equihua & Atkinson 1987: 10; Hagedorn 1910d: 7; Kleine 1912b: 162, 1914b: 341, (tx) Blackman 1944: 75; Chapuis 1869: 11, 1873: 219; Equihua & Atkinson 1987: 10–11; Gemminger & Harold 1872: 2678; Hagedorn 1910a: 37; Hopkins 1914: 118, 133; Lucas 1920: 202; Schaufuss 1905: 89; Schedl 1939b: 379, 384, 1962d: 8, 1962q: 485, (ms) Lucas 1920: 202.

striatus Eggers 1933b: 3. Holotype ♀; Franz, Guayana; USNM, Washington.

Distribution: South America (Cayenne/Peru/Suriname).

Notes: (1) Schedl 1979c: 237 (holotype designation invalid).

References: (ds) Blackwelder 1947: 788, (tx) Eggers 1933b: 3–4; Schedl 1962d: 8, 1979c: 237.

Genus *Protohylastes* Wood

PROTOHYLASTES WOOD 1973d: 83. Type-species: *Protohylastes annosus* Wood, original designation.

References: (tx) Wood, S. L. 1973d: 83.

annosus Wood 1973d: 84. Holotype ♂; Emgella National Park, Queensland, Australia; Queensland Museum, Brisbane.

Distribution: Australia (Queensland).

References: (tx) Wood, S. L. 1973d: 84.

latirostris (Pascoe) 1873: 197 (*Psepholax*). Holotype ♀; Klawara, N.S. Wales; BMNH, London.

Distribution: Australia (New South Wales).

Notes: (1) Scale color and body shape of these two species are obviously different; however, they

could represent different sexes of the same species. Both holotypes were studied.

References: (tx) Pascoe 1873: 197.

Genus *Scolytotarsus* Schedl

SCOLYTOTARSUS SCHEDEL 1937: 404. Type-species: *Scolytotarsus impar* Schedl, monobasic.

References: (tx) Schedl 1937b: 404, 1939b: 357.

impar Schedl 1937b: 405. Holotype, sex[?]; Wahrscheinlich Kamerun, aus einem Aukauf von Banghaas, Dresden; Schedl Collection in NHMW, Wien.

Distribution: Africa (Cameroon).

References: (tx) Schedl 1936g: 534, 1937b: 405.

maculatus Schedl 1936g: 534. Syntypes, sex[?]; Queensland: Coen district, Cape York; SAM, Adelaide, and NHMW, Wien.

Distribution: Australia (Cape York in Queensland).

Notes: (3) Voss 196.: 252 (treated in Curenli-onidae under *Mysepholax*).

References: (ds) Brimblecombe 1953: 24; Schedl 1936g: 535. (tx) Schedl 1936g: 534, 1939b: 379–380, 384; Voss 196.: 252.

Tribe Mecopelmini Wood

Mecopelmini

References: Wood, S. L. 1966a: 45.

Genus *Mecopelmus* Blackman

Mecopelmus BLACKMAN 1944: 75. Type-species: *Mecopelmus zeteki* Blackman, original designation.

References: (tx) Blackman 1944: 75; Schedl 1962d: 12; Wood, S. L. 1966a: 45.

zeteki Blackman 1944: 75. Holotype, sex?: Barro Colorado Island, Panama Canal Zone; USNM, Washington.

Figures: Blackman 1944: figs. 1-5, Equihua & Atkinson 1957: 12, Schedl 1962d: fig. 2.

Distribution: North America (Canal Zone in Panama).

Hosts: *Serjania* sp.

Notes: (3) The species is phloeophagous, monogynous; the larvae make individual mines.

References: (hb) Wood, S. L. 1966a: 45. (ds)

Equihua & Atkinson 1957: 12. (tx) Blackman 1944: 76-80; Equihua & Atkinson 1957: 12; Schedl 1962d: 12; Wood, S. L. 1966a: 45, 1957: 12.

Genus *Protoplatypus* Wood

PROTOPLATYPUS WOOD 1973b: 51. Type-species: *Protoplatypus vetulus* Wood, original designation.

References: (tx) Wood, S. L. 1973b: 51.

vetulus Wood 1973b: 52. Holotype: ♂; 8 km NW Bulolo, Morobe, New Guinea; CSIRO, Canberra. Figures: Wood 1973b: 52.

Distribution: New Guinea (near Bulolo in Morobe District).

Hosts: Log (an uncommon species, possibly *Harpallia pedicellaris*).

Notes: (3) The species is phloeophagous, polygynous, and the larvae make individual mines.

References: (hb) Wood, S. L. 1973b: 52. (tx) McNamara 1977: 191; Wood, S. L. 1973b: 52.

Tribe Schedlarini Wood

Schedlarini (automatic replacement)

References: Wood, S. L. 1957b: 103.

Chapnisiidae (automatically replaced by new name when type-genus became a homonym)

References: Brues & Melander 1932: 445; Schedl 1939b: 377; Strohmeyer 1914b: 1-6.

Chapnisiides

References: Blandford 1895b: 89, 117.

Chapnisiinae

References: Brues & Melander 1932: 445; Handlirsch 1925: 692; Hopkins 1915c: 225; Schedl 1939b: 377; Strohmeyer 1911: 218, 1912c: 3.

Genus *Schedlarinus* Wood

SCHEDLARIUS WOOD 1957b: 103. Type-species:

Chapnisia mexicana Duges, automatic.

Chapnisia Duges 1886: 56. Type-species: *Chapnisia mexicana* Duges, monobasic, preoccupied by Duvivier 1885.

References: (hb) Duges 1885: 58; Wood, S. L. 1957b: 103-104. (tx) Blackman 1944: 76-79; Blandford 1893d: 427, 1895a: 317-318, 1895b: 81, 88, 1896e: 117; Duges 1885: 58, 1888: 141; Hopkins 1914: 118, 134, 1915c: 227; Numborg 1953: 44, 46; Schedl 1939b: 387, 1962d: 9; Strohmeyer 1914b: 1-5, 1914c: 16-17; Wood, S. L. 1957b: 103-104.

References: (tx) Schedl 1962d: 9-11; Wood, S. L. 1957b: 103-104.

mexicanus Duges 1885: 58 (*Chapnisia*). Syntypes, sex?: Mexico; presumably in Duges Collection, Mexico City.

Figures: Blandford 1896e: pl. 5, Burgos & Saucedo 1983: 43, Duges 1885: pl. 5, Equihua & Atkinson 1987: 13, Schedl 1962d: fig. 3.

Distribution: North America (Mexico).

Hosts: *Bursera capallifera*, *B. sinarubra*.

Notes: (3) This species is xylophagous, monogynous, and the larvae make long, tortuous, individual tunnels in the xylem; ambrosial fungus is not present although obvious fungal decay of host xylem occurs near larval mines.

References: (hb) Atkinson et al. 1986: 47; Burgos & Saucedo 1983: 42; Duges 1885; Wood, S. L. 1957b: 103. (ds) Atkinson et al. 1986: 47; Blackwelder 1947: 788; Blandford 1896e; Burgos & Saucedo 1983: 42; Equihua 1985: 144; Equihua & Atkinson 1987: 13; Strohmeyer 1912c: 3. (tx) Blackman 1944: 77; Blandford 1896e: 117; Burgos & Saucedo 1983: 43; Crowson 1955; Duges 1885: 58, 1888: 141; Equihua & Atkinson 1987: 13; Hopkins 1914: 118, 134; Schedl 1939b: 379-380, 1940a: 328, 1962d: 9; Strohmeyer 1911d: 218, 1912c: 3, 1914b: 1-5, 1914c: 16; Wood, S. L. 1957b: 103, 1959b.

Subfamily Tesserocerinae Blandford

Tesserocerini gemini

References: Blandford 1895b: 115.

Tesserocerini

References: Schedl 1939b: 396, 400.

Tesserocerinae

References: Strohmeier 1914b: 18, 1918: 40, 1920: 44.

Tesserocerariae

References: Strohmeier 1914b: 18–19.

Symmerariae

References: Strohmeier 1914b: 18.

Periommatinae

References: Schedl 1939b: 397, 403, 1972f: 83, 249.

Cenocephalariae

References: Strohmeier 1914b: 18.

Cenocephalini

References: Schedl 1939b: 397.

Platypicerinae

References: Nurnberg 1953: 44.

Tribe Diapodini Strohmeier

Diapodariae

References: Strohmeier 1914b: 18.

Diaporinae

References: Schedl 1939b: 397, 404, 1972f: 83, 259.

Genyocerinae

References: Hopkins 1915c: 225.

Genus *Diapus* ChapuisDIAPUS CHAPUIS 1865: 43, 329. Type-species: *Diapus quadrispinatus* Chapuis, subsequent designation by Hopkins 1914: 121.Notes: (3) Beeson 1941: 260 (*himalayensis*, nomen nudum, *rostratus*, nomen nudum).

References: (ay) Gardner 1932: 1–9; Nobuchi 1969a: 69, (cn) Beeson 1918: 114–124, 1922: 1–2; Fisher, Thompson, & Webb 1953: 1–21; Garthwaite 1940: 94–106, (hb) Beeson 1910: 222, 1935b: 182–186; Browne 1936b: 1, 1961c: 230; Kalshoven 1960: 31–34, 45; Schedl 1972f: 261, (ds) Beeson 1923: 173, 1941: 335; Munro 1928: 1–29; Schedl 1966b: 102, 1972f: 261, 1977b: 276, (tx) Beeson 1917: 1–29; Blandford 1893d: 426, 1894d: 139; Browne 1955b: 164–182, 1972a: 185; Chapuis 1865: 329, 332; Hopkins 1914: 121, 135, 1915c: 227; Lacordaire 1866: 389, 397–398; Murayama 1925: 216–217, 1934f: 148, 1954: 206; Nobuchi 1973b: 17; Nurnberg 1951: 262, 1953: 144; Sampson 1913: 449, 1923: 449; Schedl 1936e: 61, 1937d: 44, 1939b: 391–393, 404, 408, 1957b: 159, 1959a: 516, 1962k: 1052–1053, 1968e: 261–270, 1972f: 259–264, 1977b: 276; Stebbing 1907a: 42, 1914: 613, 628–634; Stro-

meyer 1911c: 105–107, 1912c: 22, 1914c: 6–19, 46–47, 1918: 1–46, 1942: 286–287; Wood, S. L. 1960a: 3, 6.

aculeatus Blandford 1894d: 139. Syntypes 2 ♂: Higo, Japan; BMNH, London.

Figures: Nobuchi 1973b: pl. 2, figs. 38–39.

Distribution: Asia (Assam, Uttar Pradesh in India/ Japan/Vietnam), Indonesia (Java).

Hosts: *Ahms nitida*, *Castanea javanica*, *C. tunggurut*, *Quercus dilatata*, *Q. incana*, *Q. semicarpifolia*.

References: (cn) Kleine 1932a: 310, 402, (cc) Beeson 1921b: 22, (hb) Kalshoven 1960c: 46, 1960d: 46; Kleine 1932a: 310, 402; Murayama 1931b: 201, (ds) Beeson 1921b: 22; Blandford 1894c; Kalshoven 1960d: 46; Kleine 1932a: 310, 402; Murayama 1929a: 679, 1931b: 201–203, 1934f: 143, 1936b: 141, 1937c: 582, 1949c: 104, 1950b: 1300, 1953c: 165, 1955: 100–101; Nobuchi 1967: 27, 1973b: 17; Schedl 1962f: 169, 1972f: 263, 1974c: 262, 1975c: 384; Strohmeier 1912c: 22, 1914c: 47, (tx) Blandford 1894d: 139; Murayama 1925b: 234, 1950b: 1300, 1955: 100–101; Nobuchi 1973b: 17, pl. 2; Schedl 1934f: 1647, 1969b: 223, 1972f: 263; Strohmeier 1912c: 22, 1914c: 47.

aculeatus javanus Murayama 1931b: 200. Holotype, sex?, Mt. Gede, 600 m, Java; Murayama Collection in USNM, Washington.

References: (ds) Schedl 1972f: 263, (tx) Murayama 1931b: 200; Schedl 1962f: 263.

amblylaminatus Roberts 1992:(in press). Holotype ♂: Papua New Guinea: Mo: Oomsis L.A., 900 m; BPBM, Honolulu.

Distribution: New Guinea.

Hosts: *Canarium* sp., *Castanopsis* sp., *Litsea* sp., *Myristica* sp.

References: (tx) Roberts 1992:(in press).

angustidontus Roberts 1992:(in press). Holotype ♂: Papua New Guinea: Gumi L.A., Bulolo, 2000 m; BPBM, Honolulu.

Distribution: New Guinea.

Hosts: *Garcinia* sp.

References: (tx) Roberts 1992:(in press).

biluatus Schedl 1975f: 399. Holotype ♀: New Guinea NE, Mt. Missim, 2400–2800 m; BPBM, Honolulu.

Distribution: New Guinea.

Hosts: *Aemena* sp., *Castanopsis* sp., *Elacocarpus* sp., *Litsea* sp., *Macaranga* sp., *Phyllocladus* sp., *Sericolea* sp., *Tenstromia* sp.

References: (tx) Roberts 1992:(in press); Schedl 1975f: 399.

bispinus Schedl 1974d: 471. Holotype ♂: Panganda Logging Area, 2126 m, Watut Valley, Morobe District, New Guinea; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Calophyllum* sp., *Castanopsis acuminatissima*, *Garcinia* sp., *Xanthophyllum* sp.

- Notes: (3) A note in the Schedl Collection says that *latespinis* is a synonym [requires verification].
References: (tx) Schedl 1974d: 471, 1975a: 16.
- borneensis** Browne 1980d: 500. Holotype ♂; Kinanis (Borneo) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Borneo).
References: (tx) Browne 1980d: 500.
- brownei** Schedl 1971c: 398. Holotype ♂; Sarawak, Semengoh; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
References: (ds) Schedl 1972f: 263. (tx) Schedl 1971c: 398–399, 1972f: 263.
- curvidens** Schedl 1965g: 30. Holotype ♂; O. Borneo, Mt. Tibang, 1300 m; NHR, Stockholm.
Distribution: Indonesia (Borneo).
References: (ds) Schedl 1972f: 263. (tx) Schedl 1965g: 30, 1972f: 263, 1975a: 23.
- elongatus** Schedl 1969b: 225. Holotype ♂; New Guinea; Marafunga, 2800 m, E.H.D.; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Cryptocarya* sp., *Dryodaphnae* sp., *Elaeocarpus* sp., *Galbulilina* sp., *Phyllocladus* sp., *Planchonella* sp., *Podocarpus* sp., *Spherostenon* sp.
Notes: (3) Schedl 1969b: 225 (in key).
References: (ds) Schedl 1972f: 263. (tx) Roberts 1992:(in press); Schedl 1969b: 225, 1972f: 263, 1975a: 27.
- formosanus** Niisima & Murayama 1925a: 217. Syntypes 4♂, 4♀; Rengeti; Taihmi Prov. [Taiwan]; Murayama Collection in USNM, Washington.
Figures: Murayama 1925a: pl. 12, figs. 7–8, pl. 15, figs. 35–47.
Distribution: Asia (Taiwan).
Hosts: *Lithocarpus konishii*, *Psidium guajava*.
References: (hb) Murayama 1931b: 202. (ds) Miwa 1931: 268; Murayama 1925a: 217, 1929a: 679, 1931b: 202, 1937c: 583; Nobuchi 1967: 27; Schedl 1972f: 263. (tx) Murayama 1925a: 217–223, 1925b: 235; Schedl 1972f: 263.
- gestroi** Sampson 1923c: 74. Holotype ♀; Burma; Carin Cheba, 900–1100 m; MCC, Genova.
Distribution: Asia (Burma).
References: (tx) Sampson 1923c: 74–75; Schedl 1939e: 364, 1972f: 263.
- kuperi** Roberts 1992:(in press). Holotype ♂; Papua New Guinea; Mo: Kuper Range, 2200 m; BPBM, Honolulu.
Distribution: New Guinea.
Hosts: *Nothofagus grandis*, *Syzygium* sp.
References: (tx) Roberts 1992:(in press).
- latespinis** Schedl 1979g: 120. Holotype ♂; Papua, Upper Manki L.A., Bulolo, Morobe District; Schedl Collection in NIHMW, Wien.
Distribution: New Guinea.
Hosts: *Castanopsis* sp., *Lithocarpus* sp., *Myristica* sp.
Notes: (3) See note under *bispinus* above.
- References: (tx) Roberts 1992:(in press); Schedl 1979g: 120.
- malgassicus** Schedl 1970d: 240. Holotype ♂; Madagascar, Perinet; MNHN, Paris.
Distribution: Madagascar.
Hosts: *Eucalyptus* sp., *Pinus insularis*, *Symphonia* sp.
References: (ds) Schedl 1972f: 263, 1977b: 277. (tx) Schedl 1970d: 240–241, 1972f: 263, 1977b: 277, 1975a: 42.
- minor** Schedl 1954a: 155. Holotype ♂; Java, Mt. Gede, 800 m; Schedl Collection in NIHMW, Wien.
Distribution: Asia (Bengal in India), Indonesia (Borneo, Java).
Hosts: *Castanea javanica*, *Castanopsis hystrix*, *Cinnamomum camphora*, *Lindera pulcherrima*, *Quercus lamellosa*.
Notes: (3) Beeson 1961: 260 (*minor*, nomen nudum, synonymy in Browne 1977a: 101).
References: (ds) Beeson 1941 (1961: 260); Bhasin, Roonwal, & Singh 1955; Browne 1977a: 101, 1986c: 662; Kalshoven 1960c: 46; Schedl 1965g: 25, 1971c: 71, 1972f: 263. (tx) Beeson 1941 (1961: 260); Browne 1977a: 101; Schedl 1954a: 145, 158, 1961c: 75, 1969a: 219, 1972f: 263, 1975a: 44.
- minutissimus** Schedl 1969a: 219. Holotype ♂; Sumatra, Singij to Tokyo (Japan), imported; PPST, Tokyo.
Distribution: Asia (Malaya), Indonesia (Borneo, Sumatra).
Hosts: *Calophyllum tetrapterum*.
References: (hb) Beaver & Browne 1975: 617. (ds) Beaver & Browne 1975: 617; Browne 1980c: 484; Nobuchi 1977: 146; Schedl 1971c: 370, 1972c: 263. (tx) Schedl 1962f: 263, 1969a: 219, 1975a: 44.
- molossus** Chapuis 1865: 333. Holotype ♀; Inde orientale, dans la contree d'Almora au Nord-ouest des possessions anglaises; BMNH, London.
Distribution: Asia (Uttar Pradesh in India/ Malaya).
Hosts: *Ahus nepalensis*, *Quercus dilatata*, *Q. lamellosa*, *Q. semicarpifolia*, *Schleichera oleosa*.
References: (ds) Gemminger & Harold 1872: 2702; Lacordaire 1866: 397; Schedl 1962f: 169, 1972f: 263; Strohmeier 1912c: 22, 1914c: 47. (tx) Browne 1977a: 102; Chapuis 1865: 333; Janson 1893: 75; Lacordaire 1866: 397; Schedl 1960c: 63, 1962f: 169, 1972f: 263; Strohmeier 1912c: 22, 1914c: 47.
- impressus* Janson 1893: 74. Syntypes ♂ ♀; Deoband, NW Prov., India; BMNH, London.
Synonymy: Schedl 1972f: 264.
References: (cn) Kleine 1932a: 311, 402; Mathur & Singh 1961a: 29; Pierce, W. D. 1917: 154; Roonwal 1954: 58; Stebbing 1914: 628. (ec) Beeson 1921b; Stebbing 1914: 628. (hb) Beeson 1917: 10; Cotes 1893a; Kleine 1932a: 311, 402; Stebbing 1899: 62, 1906: 414, 1905a: 112, 1914: 328. (ds) Beeson 1916: 23.

- 1916a: 222. 1921b: 21–25. 1941 (1961: 260); Cotes 1893a; Kleine 1932a: 311, 402; Mathur & Singh 1961a: 29; Pierce, W. D. 1917: 154; Roomwal 1954: 58; Strohmeier 1912c: 22, 1914c: 47. (tx) Janson 1893: 74; Murayama 1925: 219; Schedl 1972f: 263–264; Stebbing 1908b: 1, 1914: 625; Strohmeier 1912c: 22, 1914c: 47.
- capillatus* Saunpson 1913: 449. Holotype ♀; Darjeeling, N. India; BMNH, London.
Notes: (1) Browne 1977a: 102 (treated as a subspecies).
References: (cn) Kleine 1932a: 310, 402; Pierce, W. D. 1917: 154; Stebbing 1914: 633. (cc) Beeson 1921b: 23; Stebbing 1914: 633. (hb) Kleine 1932a: 310, 402; Stebbing 1914: 633. (ds) Beeson 1921b: 23; Kleine 1932a: 310, 402; Pierce, W. D. 1917: 154; Schedl 1972f: 263; Strohmeier 1914c: 47. (tx) Browne 1977a: 102; Sampson 1913: 449–450; Schedl 1939e: 364, 1972f: 263; Stebbing 1914: 633; Strohmeier 1914c: 47.
- uauodoutus* Roberts 1992:(in press). Holotype ♂; Papua New Guinea: Mo., Oomsis L.A., 800 m; BPBM, Honolulu.
Distribution: New Guinea.
Hosts: *Castanopsis* sp., *Cryptocarya* sp., *Sterculia* sp.
References: (tx) Roberts 1992:(in press).
- nanus* Schedl 1969b: 225. Holotype ♀; New Guinea: Erave pine forest, S.H.D.; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Anisoptera* sp., *Araucaria cunninghamii*, *Calophyllum* sp., *Castanopsis acuminatissima*, *C.* sp., *Cryptocarya* sp., *Elacocarpus* sp., *Haplolobus* sp., *Lithocarpus* sp., *Mangifera* sp., *Myristica* sp., *Phyllocladus* sp., *Sterculia* sp., *Xanthophyllum* sp.
References: (ds) Schedl 1972f: 264. (tx) Roberts 1992:(in press); Schedl 1969b: 225–226, 1972f: 264, 1978a: 46.
- nebulosus* Roberts 1992:(in press). Holotype ♂; Papua New Guinea: Mo., Gumi L.A., 1900 m; BPBM, Honolulu.
Distribution: New Guinea.
Hosts: *Alphitonia* sp., *Caldehuvia* sp., *Calophyllum* sp., *Castanopsis* sp., *Cryptocarya* sp., *Dacrycarpus* sp., *Elacocarpus* sp., *Garcinia* sp., *Ilex* sp., *Litsca* sp., *Macaranga* sp., *Nothofagus* sp., *Phyllocladus* sp., *Planchonella* sp., *Syzygium* sp., *Xanthomyrtus* sp.
References: (tx) Roberts 1992:(in press).
- obtusicornis* Schedl 1965g: 31. Holotype ♀; O. Borneo, Mt. Tibang, 1300 m; NHR, Stockholm.
Distribution: Indonesia (Borneo).
References: (ds) Schedl 1972f: 264. (tx) Schedl 1965g: 31, 1972f: 264, 1978a: 49.
- oomsis* Roberts 1992:(in press). Holotype ♂; Papua New Guinea: Mo., Oomsis L.A., 800 m; BPBM, Honolulu.
Distribution: New Guinea.
Hosts: *Burkella* sp., *Canarium* sp., *Dysoxylum* sp., *Elacocarpus* sp., *Garcinia* sp., *Myristica* sp.
References: (tx) Roberts 1992:(in press).
- oreogenus* Roberts 1992:(in press). Holotype ♂; Papua New Guinea: Mo., Gumi L.A., 2,000 m; BPBM, Honolulu.
Distribution: New Guinea.
Hosts: *Galbulilina* sp.
References: (tx) Roberts 1992:(in press).
- papuanus* Schedl 1968c: 269. Holotype ♂; Afalimigetui, E. Highlands Dist.; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Agathis alba*, *Araucaria cunninghamii*, *Calophyllum* sp., *Castanopsis* sp., *Casuarina* sp., *Endospermum* sp., *Eugenia* sp., *Garcinia* sp., *Glochidion* sp., *Macaranga* sp., *Myristica* sp., *Planchonella* sp., *Podocarpus* sp., *Sterculia* sp., *Syzygium* sp.
Notes: (3) Schedl 1969b: 225 (in key).
References: (ds) Schedl 1969b: 226, 1972f: 264, 1979h: 158. (tx) Schedl 1968c: 269, 1969b: 225–226, 1972f: 264, 1978a: 51.
- pendleburgi* Schedl 1936d: 18. Lectotype ♂; Malay Peninsula, Selangor: Kuala Lumpur; Schedl Collection in NIMW, Wien.
Distribution: Asia (Burma/ Assam in India/ Malaya/ Thailand/ Vietnam), Indonesia (Borneo), Philippine Islands.
Hosts: *Dipterocarpus pilosus*, *Dryobalanops aromatica*, *Pentacme suaveis*, *Quercus* sp.
Notes: (3) Schedl 1942a: 218 (described female). Beeson 1941 (1961: 260) (*longispinus*, nomen nudum, synonymy in Browne 1977a: 100).
References: (hb) Browne 1941. (ds) Beeson 1941 (1961: 260); Browne 1949b, 1961c: 233, 1968a: 134, 1977a: 100; Choo, Woo, & Kim 1981: 203; Nobuchi 1977: 145; Olmo, Yonevama, & Nakazawa 1982b: 11, 1987b: 90; Schedl 1962f: 169, 1966b: 102, 1966g: 34, 1969a: 207, 218, 1972f: 264. (tx) Browne 1949b, 1977a: 100; Nobuchi 1985: 330; Schedl 1936d: 18, 1942a: 218, 1942c: 172, 1972f: 264, 1978a: 52; Strohmeier 1942: 285.
- perpygmaeus* Roberts 1992:(in press). Holotype ♂; Papua New Guinea: Mo., Oomsis L.A., 850 m; BPBM, Honolulu.
Distribution: New Guinea.
Hosts: *Calophyllum* spp., *Castanopsis* sp., *Cryptocarya* sp., *Lithocarpus* sp., *Neouaulea* sp., *Planchonella* sp., *Pometia* sp., *Xanthophyllum* sp.
References: (tx) Roberts 1992:(in press).
- pusillimus* Chapuis 1865: 335. Syntypes 3♂, 1♀ (Schedl 1960: 63); Nouvelle-Guinée, Dorey; BMNH, London.
Distribution: Asia (India, Malaya), Australia, Bismarck Islands (New Britain Island), Indonesia (Borneo), Madagascar, Micronesia (Caroline Islands), New Guinea, Philippine Islands, Samoan Islands.

Hosts: *Azelia bijuga*, *A. palembanica*, *Agathis alba*, *Albizzia falcata*, *Anisoptera* sp., *Araucaria* sp., *Altingia excelsa*, *Balanocarpus heimii*, *Canarium* sp., *Castanopsis* sp., *Celtis* sp., *Cryptocarya* sp., *Dipterocarpus* sp., *Dracontomelon* sp., *Dryobalanops aromatica*, *Dyera costulata*, *Eugenia argutata*, *Ficus* spp., *Garcinia* sp., *Grevillea robusta*, *Lithocarpus* sp., *Mangifera* sp., *Nothofagus pullei*, *Planchonella sumoensis*, *Pometia* sp., *Pterocymbium* sp., *Shorea bractecolata*, *S. kunstleri*, *S. leprosula*, *S. singkawang*, *Sloanea* sp., *Sterculia* sp., *Syzygium* sp., *Terminalia brassii*, *Xanthophyllum* sp.

Notes: (3) Schedl 1969a: 225 (in key).

References: (ay) Numberg 1951: 262. (bv) Gray, B. 1974b. (cn) Brimblecombe 1956; Brownie 1965b: 233; Hill, D. S. 1983: 679; Wylie & Shanahan 1975. (cc) Brownie 1955b; Thompson, W. R. & Simmonds 1964: 15, 1965: 28. (hb) Beaver 1976b: 544; Beaver & Browne 1975: 617; Beeson 1941 (1961: 260–261); Brimblecombe 1956; Brownie 1936a, 1941, 1955b, 1961c: 231–232, 1965b: 233; Gray, B. 1974b; Hill, D. S. 1983: 679; Kalshoven 1960: 46; Wylie & Shanahan 1975. (ds) Beaver 1976b: 544; Beaver & Browne 1975: 305, 1975: 617; Beeson 1941 (1961: 260); Brownie 1936a, 1961a: 317, 1961c: 232, 1966: 242, 1965b: 233, 1980a: 370; Chadwick & Nikitin 1965; Choo, Woo, & Kim 1981: 203; Froggatt 1936; Gemminger & Harold 1872: 2702; Hill, D. S. 1983: 679; Kalshoven 1960d: 46; Lacordaire 1866: 397; Nobuchi 1977: 146; Numberg 1961b: 611; Olmo, Yoneyama, & Nakazawa 1982a, 1982b: 5, 1987a: 96, 1987b: 90; Olmo et al. 1985b: 99, 1989: 67; Sampson 1919: 107, 1925: 3, 1926: 121; Schedl 1936d: 5, 22, 1936g: 519, 1936j: 22, 1966b: 103, 1966g: 34, 1965e: 265, 1972f: 264, 1974c: 262, 1975h: 352, 1975i: 347, 1979a: 160; Strohmeier 1912c: 22, 1914c: 47; Wood, S. L. 1960: 6. (tx) Browne 1966: 242; Carne et al. 1980; Chapuis 1865: 335; Lacordaire 1866: 397; Nobuchi 1985: 330; Sampson 1919: 107, 1925: 3; Schedl 1936e: 61, 1939b: 391, 1939c: 337, 1941c: 354–355, 1942c: 165, 1951k: 141–142, 1954a: 158, 1955i: 215, 1960c: 63, 1965g: 31, 1969a: 225, 1972f: 264; Strohmeier 1912c: 22, 1914c: 47; Wood, S. L. 1960a: 6; Wylie & Yule 1977.

grevilleae Lea 1914: 226 (*Crossotarsum*). Holotype ♀; Queensland; Lea Collection at SAM, Adelaide. Synonymy: Schedl 1936g: 519.

References: (cn) Kleine 1932a: 401; Smith, J. H. 1932: 230, 1935: 3. (cc) Smith, J. H. 1935: 3. (hb) Kleine 1932a: 401. (ds) Kleine 1932a: 401; Smith, J. H. 1935: 3. (tx) Browne 1961c: 231; Lea 1914: 226; Schedl 1936g: 519, 1972f: 264; Wood, S. L. 1960a: 6.

quadriscopinus Chapuis 1865: 332. Syntypes 2♂, 1♀ (Schedl 1960c: 62); D l'Inde orientale; IRSNB, Brussels.

Figures: Nakashima 1975: 60–65. Schedl 1962k: 1054, 1972f: 261.

Distribution: Asia (Burma/ Uttar Pradesh in India). Hosts: *Alnus nepalensis*, *Castanopsis hystrix*, *Cedrus deodara*, *Lindera pulcherrima*, *Machilus odoratissima*, *Prunus nepalensis*, *Quercus incana*, *Q. lamellosa*.

References: (cn) Kleine 1932a: 311, 402. (cc) Beeson 1921b: 23. (hb) Kleine 1932a: 311, 402; Yinus & Hua 1980: 216. (ds) Beeson 1921b, 1911 (1961: 261); Bhasin, Roonwal, & Singh 1955; Gemminger & Harold 1872: 2702; Kleine 1932a: 311, 402; Nobuchi 1977: 144; Schedl 1962f: 169, 1967c: 222, 1968e: 265, 1972f: 264, 1973b: 212; Strohmeier 1912c: 22, 1914c: 47. (tx) Chapuis 1865: 332; Gardiner 1932b; Hopkins 1914: 121; Nakashima 1975: 60–65; Schedl 1936d: 15, 1939g: 2, 1960c: 62, 1962k: 1054, 1972f: 261, 264; Strohmeier 1912c: 22, 1914c: 47.

quadriscopinus Schedl 1969a: 218. Holotype ♂; Philippine Islands, Iligan to Tokyo (Japan), imported; PPST, Tokyo.

Distribution: Philippine Islands.

Hosts: Lauan log.

References: (ds) Lacordaire 1866: 397; Schedl 1972f: 264. (tx) Lacordaire 1866: 397; Nobuchi 1985: 330; Schedl 1969a: 218–219, 1972f: 264, 1987a: 61.

quinquespinatus Chapuis 1865: 334. Syntypes: Iles Celebes, Borneo, Moroty, Nouvelle-Guinée: 6♂, 1♀ in BMNH, London, 1♂ in IRSNB, Brussels. Figures: Schedl 1972f: 262 (male).

Distribution: Africa (Angola/ Cameroon/ Central African Republic/ Equatorial Guinea/ Fernando Po/ Ghana/ Nigeria/ Sierra Leone/ Zaïre/ Zambiat), Asia (Bhutan/ Burma/ Andaman Islands, Assam, Uttar Pradesh in India/ Japan/ Malaya/ Sri Lanka/ Taiwan/ Thailand/ Tonkin in Vietnam), Australia, Fiji Islands, Indonesia (Borneo, Buru, Celebes, Java, Sumatra), Madagascar, New Guinea, Philippine Islands, Samoan Islands, Solomon Islands.

Hosts: *Acmenia* sp., *Azelia palembanica*, *Agathis alba*, *Araucaria humstcinii*, *Artocarpus chaplasha*, *A. elasticus*, *A. scortechiniii*, *Balanocarpus heimii*, *Canarium euphyllum*, *Castanea argentea*, *Castanopsis tribuloides*, *Dipterocarpus cornutus*, *D. pilosus*, *Dracontomelon* sp., *Dryobalanops aromatica*, *Durio zibethinus*, *Dyera costulata*, *Dysoxylum binectariferum*, *Elacis guineensis*, *Elatiospermum tapos*, *Endospermum malaccense*, *Eucalyptus grandis*, *Eugenia argutata*, *Fagraea gigantea*, *Glochidion* sp., *Hopsea* sp., *Horsfieldia* cf. *glabra*, *Lithocarpus* sp., *Mangifera indica*, *Neonauclea* sp., *Pasania sundaica*, *Pentacme suavis*, *Planchonella sumoensis*, *Pometia* sp., *Pygeum parviflorum*, *Quercus fagifolia*, *Q. serrata*, *Sarcocephalus cordatus*, *Shorea assamica*, *S. bentongensis*, *S. bractecolata*, *S. faguetiana*, *S. kunstleri*, *S. leprosula*, *S. parvifolia*, *S. robusta*.

Sindora sp., *Sloanea sigun*, *Tectona grandis*, *Terminalia bclerica*, *T. hialata*, *T. manni*, *Vatica lanceaefolia*.

References: (ay) Nakashima 1975: 6; Strohmeyer 1918: 34; 1920: 42. (by) Beeson 1917; Loyttyneimi, Beaver, & Loyttyneimi 1985: 28. (cn) Beeson 1915; Browne 1965b: 233; Kalshoven 1924c; Kleine 1932a: 311, 402; Mathur & Singh 1961a: 26, 1961b: 13; Mayne & Donis 1951: 335; Pierce, W. D. 1917: 194; Roberts 1977b: 574; Roonwal 1954: 85; Stebbing 1914: 632. (ce) Beeson 1921b, 1923; Browne 1955b; Mayne & Donis 1951: 335; Nakashima 1975: 6; Stebbing 1914: 632. (hb) Beaver 1976b: 545; Beaver & Browne 1975: 617; Beaver & Loyttyneimi 1985b: 120; Beeson 1916a, 1917: 10, 1923; Browne 1935a, 1941: 65, 1949: 174–189, 1955b: 164–182, 1961c: 230, 1962: 93, 1963a: 264, 1968: 233; Kalshoven 1924c, 1960c: 45; Kleine 1932a: 311, 402; Lepesme 1947: 649; Loyttyneimi, Beaver, & Loyttyneimi 1985: 28; Roberts 1969: 105–106, 1977b: 574; Schedl 1962k: 1053; Stebbing 1914: 632; Thompson, G. H. 1963: 39. (ds) Beaver 1976b: 545; Beaver & Browne 1975: 305; Beaver & Loyttyneimi 1985b: 120; Beeson 1910: 223, 1916a: 223, 1921b: 23, 1923: 165, 1941: 341, 1961: 261; Bhasin, Roonwal, & Singh 1958: 92; Browne 1935a: 24, 29, 1961a: 317, 1961c: 230–231, 1963a: 264, 1966: 242, 1968b: 233, 1980c: 486; Choo & Woo 1983; Ferreira 1965: 1136; Gemminger & Harold 1872: 2702; Kalshoven 1924: 5, 1960d: 45–46; Kleine 1928: 311, 1932a: 311, 402; Lacordaire 1866: 397; Mathur & Singh 1961a: 26, 1961b: 13; Mayne & Donis 1951: 335, 1962: 266; Miller 1932: 19; Miwa 1931: 265; Murayama 1925a: 217, 1929a: 679, 1931: 203, 1934f: 145, 1937c: 583; Nakashima 1975: 3; Nobuchi 1967: 27, 1977: 45, 1980a: Ohno, Yoneyama, & Nakazawa 1982a: 5, 1982b: 11, 1987a: 96, 1987b: 90; Ohno, Yoshioka, et al. 1985b: 99, 1989: 67; Pierce, W. D. 1917: 194; Roberts 1968: 193, 1977b: 574; Roonwal 1954: 85; Sampson 1919: 107, 1926: 120–121; Schedl 1936d: 8, 1936g: 519, 1937b: 407, 1938d: 452, 1959a: 516, 1959c: 168, 1959d: 67, 1959p: 24, 1961c: 70, 1961e: 128, 156, 1962f: 169, 1962i: 73, 1962k: 1053, 1964f: 620, 1965e: 360, 1965g: 25, 1966b: 103, 1966g: 34, 1971c: 367, 1971f: 150, 1971g: 194, 1972f: 264, 1974c: 262, 1975a: 453, 1975c: 384, 1979a: 160; Strohmeyer 1911f: 204, 1912c: 22, 1914c: 47; Thompson, G. H. 1963: 39. (tx) Blandford 1894d: 140; Browne 1966: 242; Chapuis 1865: 334; Janson 1893: 75; Lacordaire 1866: 397; Lucas 1920: 235; Murayama 1925a: 217, 1925b: 235; Nobuchi 1985: 330; Sampson 1919: 107; Schedl 1936e: 61, 1937l: 407, 1937d: 44, 1937e: 544, 1939b: 403–404, 1939c: 2, 1939e: 337, 1941c: 354–355, 1941e: 157, 1942a: 172, 1950d: 14, 1951k: 141, 1953g: 245, 1954c: 155, 1954e: 60, 1955b: 286, 1955i: 215, 1960c: 63,

1962k: 1053–1054, 1972f: 264; Stebbing 1914: 632; Strohmeyer 1912c: 22, 1914c: 47; Wylie & Yule 1977. (ms) Lucas 1920: 235.

robustus Schedl 1969b: 225. Holotype ♂; New Guinea: Kunu, 11 miles from Mt. Hagen, W.H.D.; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Acmena* sp., *Castanopsis* sp., *Cryptocarya* sp., *Dryodaphniae* sp., *Lithocarpus* sp., *Nothofagus* sp., *Syzygium* sp.

References: (ds) Schedl 1972f: 264. (tx) Schedl 1969b: 225–226, 1972f: 264, 1975a: 63.

spatulifer Browne 1977a: 101. Holotype ♂; Bengal: Darjeeling, Ranbe; BMNH, London.

Distribution: Asia (India).

Hosts: *Beilschmiedia sikkimensis*, *Bucklandia populnea*, *Castanopsis hystrix*, *Cryptomeria japonica*, *Echonicarpus dasycarpus*, *Lindera pulcherrima*, *Litsea elongata*, *Machilus edulis*, *M.* spp., *Michelia excelsa*, *Nyssa sessiliflora*, *Prunus nepalensis*, *Quercus glauca*, *Q. dilatata*, *Q. lamellosa*, *Syningtonia populnea*, *Symplocos theaeifolia*.

Notes: (3) Beeson 1941 (1961: 260) (*brochus* nomen nudum, *capitalis* nomen nudum, *discolor* nomen nudum, *spatulifer* nomen nudum, synonymy in Browne 1977a: 102).

References: (cn) Mathur & Singh 1960a: 36, 1961a: 82. (ds) Beeson 1941 (1961: 260); Bhasin, Roonwal, & Singh 1958; Mathur & Singh 1960a: 36, 1961a: 82. (tx) Browne 1977a: 101.

spinatus Browne 1980d: 499. Holotype ♂; Semangka (Sumatra) to Nagoya (Japan), imported; BMNH, London.

Distribution: Indonesia (Sumatra).

References: (ds) Ohno, Yoneyama, & Nakazawa 1982b: 11. (tx) Browne 1980d: 499.

spinifer Schedl 1969b: 224. Holotype ♂; New Guinea: Porotop L.M. Station, W.H.D.; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Ficus* sp., *Nothofagus pullei*, *N.* sp., *Podocarpus* sp., *Syzygium* sp.

References: (ds) Schedl 1972f: 264. (tx) Schedl 1969b: 224–225, 1972f: 264, 1975a: 68.

tonkinensis Schedl 1972m: 201. Holotype ♂; Tonkin: Ngai-Tio, 4800 ft.; BMNH, London.

Distribution: Asia (Tonkin Island in Vietnam).

References: (tx) Schedl 1972m: 201.

truncatus Niisima & Murayama 1934f: 143. Holotype ♂; Arisan (Formosa); Murayama Collection in USNM, Washington.

Distribution: Asia (Taiwan).

References: (ds) Nobuchi 1967: 27, 1977: 147; Schedl 1972f: 264. (tx) Murayama 1934f: 143, 1937c: 583; Nobuchi 1967: pl. 2; Schedl 1972f: 264.

turgidus Roberts 1992: (in press). Holotype ♂; Papua New Guinea: Mo., Gumi, 2220 m; BPBM, Honolulu.

Distribution: New Guinea.

Hosts: *Antidesma* sp., *Castanopsis* sp., *Dryodaphne* sp., *Garcinia* sp., *Glochidion* sp., *Macaranga* sp., *Microcos* sp., *Planchonella* sp., *Spheroctenon* sp., *Syzgium* sp., *Terminalia* sp.

References: (tx) Roberts 1992:(in press).

uispinus Roberts 1992:(in press). Holotype ♂: Papua New Guinea: Mo., Kuper Range, Wan, 2,300 m; BPBM, Honolulu.

Distribution: New Guinea.

Hosts: *Caldehuvia* sp., *Castanopsis* sp., *Elaeocarpus* sp., *Litsea* sp., *Nothofagus* sp.

References: (tx) Roberts 1992:(in press).

Genus *Genyocerus* Motschulsky

GENYOCERUS MOTSCHULSKY 1858: 68. Type-species: *Genyocerus albipennis* Motschulsky, monobasic.

Diacavus Schedl 1939: 363. Type-species: *Diapus frontalis* Strohmeier, original designation. Synonymy: Wood 1969c: 118.

References: (tx) Browne 1949d: 73–76, 1960: 201–220, 1961c: 232–233, 1972a: 188; Schedl 1939c: 363–364, 1962f: 163–169, 1972f: 265–266; Wood, S. L. 1969c: 118.

Notes: (1) Wood 1969c: 118 (identity of genus confirmed). (3) Beeson 1941 (1961: 257) (*atkinsoni*, nomen nudum, from Burma).

References: (ay) Nobuchi 1969a: 69. (hb) Schedl 1972f: 265. (ds) Schedl 1959c: 168, 1966b: 101, 1972f: 265. (tx) Browne 1972a: 188; Chapuis 1865: 338; Schedl 1972f: 265; Strohmeier 1942: 286–287; Wood, S. L. 1969c: 118.

abdominalis (Schedl) 1942a: 218 (*Diacavus*). Lectotype ♂: Malaya, Raub; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 9.

Figures: Nakashima 1975: 69 (mycetangia).

Distribution: Asia (introduced in Japan/ Malaya), Indonesia (Borneo), Philippine Islands.

Hosts: *Balanocarpus heimii*, *Parashorea* sp.

References: (ay) Nakashima 1975: 7. (cc) Nakashima 1975: 7. (ds) Browne 1961c: 233; Choo & Woo 1983; Nakashima 1975: 3; Nobuchi 1977: 152, 1980a; Ohno, Yoneyama, & Nakazawa 1982b: 11; Schedl 1959c: 168, 1966g: 34, 1972f: 267. (tx) Browne 1961c: 233; Nakashima 1975: 69; Nobuchi 1985: 330; Schedl 1942a: 218, 1959c: 168, 1972f: 267, 1978a: 9.

albipennis Motschulsky 1858: 68. Holotype ♀: type label reads “Aus Indien or [word illegible].” all known specimens are from Sri Lanka; IZM, Moscow.

Figures: Browne 1970: 582 (as *irregularis*).

Distribution: Asia (Sri Lanka).

Hosts: *Dipterocarpus* sp.

Notes: (1) Wood 1969c: 118 (identity clarified). (3) Beeson 1961: 260 (*zeylanicus*, nomen nudum, synonymy in Browne 1977a: 97).

References: (ds) Gemminger & Harold 1872: 2702; Lacordaire 1866: 398; Schedl 1959a: 515.

1972f: 267. (tx) Beeson 1941 (1961: 260); Blandford 1893d; Browne 1977a: 97; Hopkins 1914: 122; Lacordaire 1866: 398; Motschulsky 1858: 68; Schedl 1959a: 515, 1972f: 277; Strohmeier 1942: 284–287; Wood, S. L. 1969c: 118.

irregularis Browne 1970: 582 (*Diacavus*). Holotype ♂: Ceylon: in gurjum (*Dipterocarpus*) timber from Ceylon, intercepted at Princes Risborough, England; BMNH, London. Synonymy: Wood 1981: 122.

References: (ds) Schedl 1972f: 268. (tx) Browne 1970: 582–583, 1977a: 99; Schedl 1972f: 268; Wood, S. L. 1981: 122.

biporus (Schedl) 1942a: 217 (*Diacavus*). Lectotype ♂: Malaya, Selangor, Buloh F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 16.

Figures: Schedl 1972f: 265.

Distribution: Asia (Burma/ Cambodia/ Malaya/ Vietnam), Indonesia (Borneo).

Hosts: *Cotylelobium flatum*, *Dipterocarpus pilosus*, *Hopcea odorata*, *Parashorea stellata*, *Shorea leprosula*, *S. parvifolia*, *Vatica* sp.

Notes: (3) Beeson 1941 (1961: 257) (*biporus* nomen nudum, synonymy in Browne 1977a: 97).

References: (cn) Browne 1949d, 1949e; Mathur & Singh 1960b: 57; Sen-Sarma & Thakur 1986: 37. (hb) Browne 1961c: 233. (ds) Beeson 1941 (1961: 257); Browne 1961a: 318, 1968a: 132–134, 1970: 577, 1977a: 98, 1980c: 484, 1981b: 599; Mathur & Singh 1960d: 57; Nobuchi 1977: 151; Ohno, Yoneyama, & Nakazawa 1982b, 1987a: 96; Schedl 1969a: 206, 1972f: 265, 267. (tx) Browne 1949d: 73, 1977a: 97; Schedl 1942a: 217, 1978a: 16.

compactus (Schedl) 1966g: 40 (*Diacavus*). Holotype ♂: Diapitan, Philippine Islands to Tokyo (Japan), imported; PPST, Tokyo.

Distribution: Philippine Islands.

Hosts: Lauan log.

Notes: (1) Wood 1969c: 118 (to *Genyocerus*).

References: (ds) Browne 1984c: 449; Choo & Woo 1983; Nobuchi 1977: 149; Ohno, Yoneyama, & Nakazawa 1982b: 11; Schedl 1972f: 267. (tx) Nobuchi 1985: 330; Schedl 1966g: 40, 1972f: 267, 1978a: 20; Wood, S. L. 1969c: 118.

compactus dubiosus Schedl 1966g: 41 (*Diacavus*).

Lectotype ♂: Aparri, Philippine Islands to Tokyo (Japan), imported; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 20.

Notes: (3) It appears that this is no more than an aberration.

References: (ds) Schedl 1972f: 267. (tx) Schedl 1966g: 41, 1972f: 267, 1978a: 20.

decemspinatus (Schedl) 1942a: 216 (*Diacavus*). Lectotype ♂: Malaya, Batu Jalam; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 23.

Distribution: Asia (Malaya/ Vietnam), Philippine Islands.

Hosts: *Vatica* spp.

Notes: (1) Wood 1969c: 118 (to *Genyocerus*).

References: (cn) Browne 1949d, (hb) Browne 1949d, (ds) Browne 1961c: 233, 1955a: 190; Nobuchi 1977: 150; Olmo, Yoneyama, & Nakazawa 1957b: 90; Schedl 1966g: 34, 1972f: 267, (tx) Browne 1968a: 134; Nobuchi 1985: 330; Schedl 1942a: 216, 1966b: 102, 1966g: 42, 1972f: 267, 1975a: 23; Wood, S. L. 1969c: 118.

diaphanus (Schedl) 1939c: 364 (*Diacavus*). Lectotype ♀; Malaya, Selangor: Sungai Buloh For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 24.

Distribution: Asia (Assam in India/ Malaya/ Vietnam), Indonesia (Sarawak in Borneo).

Hosts: *Anisoptera* sp., *Artocarpus* sp., *Dipterocarpus cornutus*, *Hopca odorata*, *Parashorea lucida*, *Shorea assamica*, *S. hypochra*, *S. leprosula*, *S. maxwelliana*.

Notes: (1) Wood 1969c: 118 (to *Genyocerus*), (3) Beeson 1941 (1961: 260) (*Hopcae* nomen nudum, synonymy in Browne 1977a: 97), Browne 1960: 216–217 and Schedl 1962f: 168 (described male). References: (cn) Mathur & Singh 1961a: 39, (hb) Beaver & Browne 1978: 617; Browne 1941, 1961c: 233, (ds) Beaver & Browne 1978: 617; Beeson 1941 (1961: 257); Browne 1961c: 233, 1977a: 98; Mathur & Singh 1961a: 39; Schedl 1962f: 168, 1972f: 267, (tx) Browne 1960: 216–217, 1962c: 216, 1964: 760, 1977a: 98; Schedl 1939c: 364, 1962f: 168, 1966g: 42, 1972f: 267, 1972p: 159, 1975a: 24; Wood, S. L. 1969c: 118, 1975a: 24.

assamensis Browne 1964: 760 (*Diacavus*). Holotype ♂; India: Assam, Margherata, Lakhimpur Div.; BMNH, London. Synonymy: Schedl 1972f: 267.

Notes: (3) Beeson 1941 (1961: 257) (*assamensis* nomen nudum, synonymy in Browne 1977a: 97).

References: (cn) Sen-Sarma & Thakur 1986: 37, (ds) Beeson 1941 (1961: 257); Browne 1968a: 132–134, 1970: 576, 1977a: 97, 1980d: 490; Mathew 1982, 1987: 188, (tx) Browne 1964: 760, 1977a: 97; Schedl 1972f: 267, 1972p: 159.

dipterocarp Browne 1977b: 98. Holotype ♂; Andaman Islands; BMNH, London.

Figures: Browne 1977b: 99.

Distribution: Andaman Islands.

Hosts: *Canarium euphyllum*, *Dipterocarpus turbinatus*.

Notes: (3) Beeson 1941 (1961: 257) (*dipterocarpi* nomen nudum, synonymy in Browne 1977a: 97). References: (cn) Sen-Sarma & Thakur 1986: 37, (ds) Beeson 1941 (1961: 257); Blasin, Roonwal, & Singh 1958; Browne 1981b: 598; Olmo, Yoneyama, & Nakazawa 1982b: 11, (tx) Browne 1977b: 98–99.

exilis (Schedl) 1942a: 218 (*Diacavus*). Lectotype ♂; Malaya, Selangor, Bukit Arang; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 118.

Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo).

Hosts: *Shorea lacris*, *Vatica* sp.

Notes: (3) Browne 1962c: 219 (described female).

References: (hb) Browne 1961c: 233, (ds) Browne 1961c: 233, 1980a: 371, 1984c: 449; Olmo, Yoneyama, & Nakazawa 1987a: 96; Schedl 1959c: 168, 1972f: 267, (tx) Browne 1962c: 219; Schedl 1942a: 218, 1972f: 267, 1975a: 29.

frontalis (Strohmeyer) 1914f: 5 (*Diapus*). Holotype ♂; Borneo (Sarawak); Stettin Museum, presumably lost.

Distribution: Indonesia (Sarawak in Borneo).

Notes: (1) Schedl 1939c: 363 (to *Diacavus*), Wood 1969c: 118 (to *Genyocerus*).

References: (ds) Schedl 1972f: 267, (tx) Browne 1964: 760; Schedl 1939c: 363–364, 1942a: 216, 1972f: 267; Strohmeyer 1914f: 5–6; Wood, S. L. 1969c: 118.

intermedius (Browne) 1968a: 134 (*Diacavus*). Holotype ♂; Vietnam: near Bien Hoa; BMNH, London.

Distribution: Asia (Malaya/ Vietnam), Philippine Islands.

Notes: (1) Wood 1969c: 118 (to *Genyocerus*).

References: (ds) Browne 1977a: 99, 1981b: 597; Schedl 1972f: 268, (tx) Browne 1968a: 134, 1977a: 99; Schedl 1972f: 268; Wood, S. L. 1969c: 118.

laticollis (Browne) 1962c: 217 (*Diacavus*). Holotype ♂; Malaya: Selangor, Keping; BMNH, London.

Distribution: Asia (Malaya).

Hosts: *Shorea leprosula*.

Notes: (1) Browne 1964: 753 (original spelling of *laticollis* corrected to *laticollis*), Wood 1969c: 118 (to *Genyocerus*).

References: (ds) Schedl 1972f: 268, (tx) Browne 1962c: 217, 1964: 753; Schedl 1972f: 268; Wood, S. L. 1969c: 118.

multiaporus (Schedl) 1936h: 67 (*Diapus*). Holotype ♀; Philippine Islands; Schedl Collection in NHMW, Wien.

Distribution: Philippine Islands.

Notes: (1) Wood 1969: 118 (to *Genyocerus*).

References: (ds) Schedl 1966b: 102, 1972f: 268, (tx) Nobuchi 1985: 330; Schedl 1936h: 67, 1939c: 364, 1942a: 216, 1950g: 894, 1972f: 268, 1978a: 45.

papuanus Roberts 1992:(in press). Holotype ♂; Papua New Guinea: Wp., Wawoi-Guavi, 150 m; BPBM, Honolulu.

Distribution: New Guinea.

Hosts: *Anisoptera* sp.

References: (tx) Roberts 1992:(in press).

philippinensis (Schedl) 1942a: 216 (*Diacavus*). Holotype ♂; Kolambugan, Philippines; Schedl Collection in NHMW, Wien.

Figures: Nakashima 1975: 67 (mycetangia).

Distribution: Asia (introduced in Japan/ Malaya), Indonesia (Borneo), Philippine Islands.

Hosts: *Dryobalanops oblongifolia*, *Shorea leprosula*, *S. maxwelliana*.

Notes: (1) Wood 1969c: 118 (to *Genyocerus*). (3) Schedl 1966g: 41 (described female).

References: (ay) Nakashima 1975: 7. (ec) Nakashima 1975: 7. (hb) Beaver & Browne 1975: 617. (ds) Beaver & Browne 1975: 615; Nakashima 1975: 3; Nobuchi 1977: 151; Ohno, Yoneyama, & Nakazawa 1987b: 90; Schedl 1966b: 102, 1966g: 34, 1972f: 268. (tx) Nakashima 1975: 67; Nobuchi 1985: 330; Schedl 1942a: 216, 1963j: 483, 1964h: 425, 1966g: 40–41, 1972f: 268, 1975a: 55.

quadridens Browne 1962c: 218 (*Diacavus*). Holotype ♂; Philippines: Mt. Maquiling, Laguna; Forest Products Research Institute, Laguna. Synonymy: Schedl 1964h: 425.

References: (hb) Browne 1961c: 233. (ds) Browne 1961c: 233–234. (tx) Browne 1962c: 218; Schedl 1963j: 483, 1964h: 425.

plumatus (Schedl) 1936h: 66 (*Diapus*). Holotype ♀; Philippines (Luzon?); Schedl Collection in NHMW, Wien.

Distribution: Philippine Islands (Luzon?).

References: (ds) Schedl 1966b: 103, 1972f: 268. (ds) Nobuchi 1985: 330; Schedl 1936h: 66, 1972f: 268, 1975a: 55. (tx) Schedl 1936h: 66.

puer (Schedl) 1969b: 223 (*Diapus*). Holotype ♂; New Guinea: Oomsis, Morobe Distr.; CSIRO, Canberra.

Hosts: *Anisoptera polyandra*, *A.* sp., *Dysoxylum* sp., *Hopca* sp.

Notes: (1) Roberts 1992:(in press) (subspecies established).

References: (ds) Schedl 1972f: 264. (tx) Roberts 1992:(in press); Schedl 1972f: 264, 1975a: 55.

puer puer:

Distribution: New Guinea.

References: (tx) Roberts 1992:(in press).

trispinatus Schedl 1974d: 471 (*Diacavus*). Holotype ♂; New Guinea Industries Logging Area, Gabensis, Morobe Distr.; CSIRO, Canberra. Synonymy: Roberts 1992:(in press).

References: (ds) Browne 1984c: 449, 1985: 191. (tx) Browne 1985a: 197; Roberts 1992:(in press); Schedl 1974d: 471, 1975a: 75.

puer fergussonus Roberts 1992:(in press). Holotype ♂; Papua New Guinea: Mb; Camadoudou, 50 m; BPBM, Honolulu.

Distribution: New Guinea (Fergusson Island).

References: (tx) Roberts 1992:(in press).

quadrioveolatus (Schedl) 1970b: 369 (*Diacavus*). Holotype ♂; Sabah, Sempoma (Borneo) to Miyako (Japan), imported; PPST, Tokyo.

Figures: Nobuchi 1975a: 50.

Distribution: Indonesia (Borneo).

Hosts: Lauan log.

References: (ds) Browne 1984c: 449; Nobuchi 1977: 149; Schedl 1972f: 265. (tx) Nobuchi 1975a: 50, 1975b: 82; Schedl 1970b: 369–370, 1972f: 265, 1975a: 60.

quadriporus (Schedl) 1942a: 217 (*Diacavus*). Lectotype ♂; Malaya, Selangor, Buloh E.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 60.

Distribution: Asia (Malaya), Philippine Islands.

Hosts: *Shorea bracteolata*, *S. parvifolia*.

Notes: (1) Wood 1969c: 118 (to *Genyocerus*).

References: (hb) Yumns & Hua 1980: 216. (ds) Schedl 1971c: 366, 1972f: 268; Yumns & Hua 1980: 216. (tx) Schedl 1942a: 217, 1972f: 268, 1975a: 60; Wood, S. L. 1969c: 118.

serratus (Schedl) 1936d: 17 (*Diapus*). Lectotype ♂; Malay Peninsula: Pahang, Bilut For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 66.

Distribution: Asia (India/ Malaya), Indonesia (Sarawak in Borneo).

Hosts: *Dipterocarpus borneensis*, *Dryobalanops oblongifolia*, *Hopca ferrea*, *Parashorea lucida*, *Shorea bracteolata*, *S. laevis*, *S. leprosula*, *S. macrocarpa*, *S. maxwelliana*.

Notes: (1) Wood 1969c: 118 (to *Genyocerus*).

References: (cn) Browne 1949d. (ec) Browne 1955b. (hb) Beaver & Browne 1975: 615; Browne 1961c: 233–235; Browne 1936a, 1941, 1949d: 73, 1955b; Yumns & Hua 1980: 216. (ds) Beaver & Browne 1975: 615; Browne 1936a, 1941, 1949d, 1955b, 1961a: 317, 1961c: 233. (ds) Beaver & Browne 1975: 615; Beeson 1941 (1961: 260); Browne 1936a, 1961a: 317, 1961c: 233; Schedl 1936j: 22, 1959c: 168, 1964c: 305, 1972f: 265. (tx) Schedl 1936d: 17–18, 22, 1939e: 364, 1942a: 216, 1972f: 268, 1975a: 65.

sexporus (Schedl) 1942a: 217 (*Diacavus*). Lectotype ♂; Malaya, Kuala Lumpur; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 66.

Distribution: Asia (Malaya).

Hosts: *Gonystylus* sp., *Shorca* sp.

Notes: (1) Wood 1969c: 118 (to *Genyocerus*).

References: (hb) Browne 1961c: 235. (ds) Browne 1961c: 235; Choo & Woo 1983; Schedl 1971c: 366, 1972f: 268. (tx) Browne 1964: 760, 1970: 552; Schedl 1942a: 217, 1972f: 268, 1975a: 66; Wood, S. L. 1969c: 118.

shoreae Browne 1981b: 605. Holotype ♂; Butuan (Philippines) to Nagoya (Japan), imported; BMNH, London.

Distribution: Philippine Islands.

Hosts: *Shorea* sp.

References: (tx) Browne 1981b: 605.

strohmeyeri Wood 1992b: 78. Syntypes, sex?: Insel Simaloer, westlich Sumatra; IPKE, Eberswalde, automatic.

Distribution: Indonesia (Sumatra).

References: (tx) Wood, S. L. 1992b: 78–79.

albipennis Strohmeyer 1942: 284 (*Diapus*). Syntypes, sex?: Insel Simaloer, westlich Sumatra; IPKE, Eberswalde, preoccupied by Motschulsky 1858.

Notes: (1) Schedl 1972f: 267 (to *Diacavus*, =*Genyocerus*).

References: (tx) Schedl 1959a: 515, 1966g: 40–42, 1972f: 267; Strohmeyer 1942: 284; Wood, S. L. 1992b: 78–79.

talurae (Stebbing) 1906: 418 (*Diapus*). Holotype ♂; Talamalai Forest, N. Coimbatore Hills, Madras, India; FRI, Dehra Dun.

Figures: Beeson 1917: pls. 1–2, figs. 1–12 (as *furtivus*), Stebbing 1906: pl. 24, fig. 4.

Distribution: Asia (Assam, Bengal, Bihar, Madhya Pradesh, Orissa, Tamil Nadu, Uttar Pradesh in India/ Pakistan/ Thailand/ Vietnam).

Hosts: *Dipterocarpus pilosus*, *Odina wodier*, *Quercus semicarpifolia*, *Shorea robusta*, *S. talura*, *Vateria indica*, *Vatica lanceaefolia*.

Notes: (1) Beeson 1921: 22 (synonymy of *talurae* and *furtivus* cited), Wood 1981 research notes (male syntype found, synonymous with *furtivus*), Schedl 1939e: 364 (to *Diacavus*, =*Genyocerus*).

References: (cn) Pierce, W. D. 1917: 194. (ds) Pierce, W. D. 1917: 194; Schedl 1972f: 264; Strohmeyer 1912c: 22. (tx) Beeson 1921: 22; Schedl 1972f: 264; Stebbing 1914: 626; Strohmeyer 1912c: 22.

furtivus Sampson 1913: 450 (*Diapus*). Holotype, sex?: Assam; BMNH, London. Synonymy: Beeson 1921: 22, confirmed by Wood in 1981. Notes: (1) Schedl 1939e: 364 (to *Diacavus*, =*Genyocerus*).

References: (ay) Farris & Funk 1965: 531; Francke-Grosmann 1956b; Numberg 1951: 262. (cn) Beeson 1915: 8–11, 1916: 1–5, 1918: 114–124, 1919: 10–15, 1922: 81–91, 1935:

539–543; Chatterjee 1923: 1–3; Fisher, Thompson, & Webb 1953; Mathur & Singh 1961a: 45; Pierce, W. D. 1917: 194; Sen-Sarma & Thakur 1986: 37; Stebbing 1914: 630; Waterson 1922: 51–94. (ec) Beeson 1921b: 298, 1923: 222; Farris & Runk 1965: 531; Francke-Grosmann 1956b; Stebbing 1914: 630; Thompson, W. R. & Simmonds 1964: 15, 1965: 68. (hb) Beaver & Browne 1975: 305; Beeson 1915b: 298, 1916a: 222, 1923, 1941 (1961: 258); Imms 1925: 510, 1957: 816; Stebbing 1914: 630. (ds) Beaver & Browne 1975: 305; Beeson 1915b, 1916a, 1919b, 1921b, 1923, 1930, 1941 (1961: 258); Mathur & Singh 1961a: 45; Murayama 1934f: 145; Pierce, W. D. 1917: 194; Schedl 1962f: 168, 1972f: 267; Strohmeyer 1914c: 47. (tx) Beeson 1915: 298, 1917: 1–29, 1921: 22, 1930; Browne 1968a: 134; Imms 1925: 510, 1957: 816; Sampson 1913: 450–451; Schedl 1939e: 364, 1972f: 267; Stebbing 1914: 630; Strohmeyer 1914c: 47.

mirus Sampson 1913: 452 (*Diapus*). Holotype ♀; Assam; BMNH, London. Synonymy: Schedl 1972g: 268.

Notes: (1) Wood 1969c: 118 (to *Genyocerus*). References: (cn) Pierce, W. D. 1917: 194; Stebbing 1914: 633. (ec) Stebbing 1914: 633. (hb) Stebbing 1914: 633. (ds) Pierce, W. D. 1917: 194; Strohmeyer 1914c: 47. (tx) Beeson 1915: 298, 1917: 1–29; Sampson 1913: 452; Schedl 1939e: 364, 1942a: 216, 1972f: 268; Stebbing 1914: 633; Strohmeyer 1914c: 47.

tenellus (Schedl) 1966g: 42 (*Diacavus*). Holotype ♂; Diapitan, Philippine Islands to Tokyo (Japan), imported; PPST, Tokyo.

Distribution: Philippine Islands.

Hosts: Lanam log.

References: (ds) Nobuchi 1977: 148; Ohno, Yoneyama, & Nakazawa 1987b: 90; Schedl 1972f: 268. (tx) Nobuchi 1985: 330; Schedl 1966g: 42, 1972f: 268, 1978a: 72.

Tribe Tesserocerini Blandford

Tesserocerini genuini

References: Blandford 1895b: 115.

Tesserocerini

References: Schedl 1939b: 396, 400.

Tesserocerariae

References: Strohmeier 1914b: 18–19.

Platyarsulinae

References: Schedl 1972f: S3, 269.

Genus *Platyarsulus* Schedl

PLATYARSULUS SCHEDL 1935: 632. Type-species: *Platyarsulus marshalli* Schedl, monobasic.

References: (hb) Browne 1961c: 235; Schedl 1972f: 273, (ds) Schedl 1972f: 273, (tx) Blackman 1944: 77; Schedl 1935n: 632, 1939b: 387, 1972f: 273.

biconicus Schedl 1954e: 162. Lectotype, sex?; Borneo; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 14.

Figures: Schedl 1972f: 272.

Distribution: Indonesia (Borneo).

Hosts: Camphor wood.

References: (ds) Browne 1981b: 599; Schedl 1972a: 274, (tx) Schedl 1954e: 162, 1972f: 272, 274, 1978a: 14.

borneensis Schedl 1942a: 214. Holotype, sex?; Borneo; Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Borneo).

References: (ds) Schedl 1972f: 274, (tx) Schedl 1942a: 214, 1972f: 274, 1978a: 17.

declivis Schedl 1942a: 215. Holotype, sex?; Malaya, Temerloh F.R.; Schedl Collection in NHMW, Wien. Distribution: Asia (Malaya).

Hosts: *Dryobalanops aromatica*.

References: (ds) Browne 1961c: 235, 1983a: 555; Schedl 1964g: 242, 1971c: 366, 1972f: 274, (tx) Schedl 1942a: 215, 1972f: 274, 1978a: 23.

elongatus Schedl 1942a: 215. Lectotype ♂; Malaya, Selangor, Gombak; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 27.

Distribution: Asia (Malaya), Indonesia (Borneo). Hosts: *Balanocarpus heimii*, *Dryobalanops aromatica*, *Shorea faguetiana*.

References: (ds) Browne 1961c: 235, 1980c: 483, 1980d: 491, 1984c: 449; Schedl 1959c: 165, 1971c: 371, 1972f: 274, (tx) Nobuchi 1985: 330; Schedl 1942a: 215, 1972f: 274, 1978a: 27.

marshalli Schedl 1935n: 632. Syntypes, sex?; Malay States; Johore North, Kluang, North Borneo; Bettotan near Sandakan; BMNH, London, and Schedl Collection in NHMW, Wien. Distribution: Asia (Malaya), Indonesia (Borneo).

Hosts: *Dryobalanops aromatica*.

Notes: (1) Schedl 1978a: 43 (restricts location of "types" to those in BMNH, London).

References: (hb) Browne 1941, (ds) Browne

1961c: 235; Schedl 1972f: 274, (tx) Schedl 1935n: 632–633, 1942a: 215, 1972f: 274, 1978a: 43.

mirabilis Menier 1975: 36. Holotype ♂; Santibaug?; BMNH, London.

Figures: Menier 1975: 37.

Distribution: Asia (Malaya), Indonesia (Borneo).

References: (tx) Menier 1975: 36.

namulus Schedl 1942a: 215. Holotype, sex?; Selangor, Bukit Arang, 1000 Fuss; Schedl Collection in NHMW, Wien.

Distribution: Asia (Malaya).

References: (ds) Browne 1961c: 235; Schedl 1972f: 274, (tx) Schedl 1942a: 215, 1972f: 274, 1978a: 46.

tuberculatus Browne 1983a: 572. Holotype, sex?; Tatau (Sarawak) to Nagoya (Japan), imported; BMNH, London.

Distribution: Indonesia (Sarawak in Borneo).

References: (tx) Browne 1983a: 572.

Genus *Notoplatypus* Lea

NOTOPLATYPUS LEA 1910: 135. Type-species: *Notoplatypus elongatus* Lea, monobasic.

References: (tx) Blackman 1944: 77; Lea 1910: 135; Nünberg 1953: 46; Schedl 1936g: 519, 1939b: 387–389, 1972f: 275–277.

elongatus Lea 1910: 136. Syntypes, sex?; N.S. Wales; Ropes Creek, Galston; Lea Collection in SAM, Adelaide.

Figures: Nünberg 1953: pl. 9, fig. 7, Schedl 1972f: 275.

Distribution: Australia (New South Wales, Queensland).

Hosts: *Eucalyptus acmenioides*, *E. drepanophylla*.

References: (ds) Schedl 1936g: 519, 1965g: 25, 1971f: 151, 1972a: 144, 1972f: 277, 1975h: 352; Strohmeier 1912c: 19, 1914c: 29, (tx) Hopkins 1914: 125; Lea 1910: 136; Schedl 1936g: 519, 1939b: 379–380, 384, 1941e: 157–158, 1965g: 25, 1972f: 275–277; Strohmeier 1912c: 19, 1914c: 29.

Genus *Tesserocerus* Saunders

TESSEROCERUS SAUNDERS 1836: 155. Type-species: *Platypus (Tesserocerus) insignis* Saunders, monobasic.

Damicerus Spinola 1837: 333 (in Dejean). Type-species: *Damicerus agilis* Spinola = *Tesserocerus insignis* Saunders. Synonymy: Schedl 1972a: 119.

References: (tx) Schedl 1972a: 119; Spinola 1837: 333.

Tesseroplatypus Schedl 1935e: 149. Type-species: *Tesseroplatypus ursus* Schedl = *Tesserocerus insignis* Saunders, designated by Wood 1992a: 90–91. Synonymy: Schedl 1972: 115.

References: (tx) Schedl 1935e: 149, 1939b: 400, 1972a: 115; Wood, S. L. 1992a: 90–91.

Tesseroccephalus Schedl 1936: 103. Type-species:

- Tesserocephalus forficula* Schedl, monobasic.
Synonymy: Schedl 1972a: 116.
References: (tx) Schedl 1936i: 103, 1939b: 400.
References: (ds) Dourojeanni 1965: 9–25; Reichardt 1965b: 162; Schedl 1972f: 116–119. (tx) Chapuis 1865: 7–23; Sampson 1924: 545; Saunders 1836: 155–157; Schedl 1933c: 164, 1935c: 149, 1939b: 383, 400, 1952a: 444, 1960c: 56, 1972f: 116.
- alternantes** Schedl 1977: 47. Holotype ♂: El Salvador, Metapan, 1600–2200 m; Schedl Collection in NHMW, Wien.
Distribution: North America (El Salvador).
Hosts: *Quercus* sp.
References: (tx) Schedl 1977c: 47.
- belti** Sharp 1880: 112. Syntypes, sex?: Chontales [Nicaragua]; BMNH, London.
Distribution: North America (Costa Rica/ Nicaragua).
Hosts: *Cedrus amarga*, *Vismia guianensis*.
References: (cn) Grandi 1951, (hb) Grandi 1951; Paulian 1949a: 989, (ds) Blackwelder 1947: 791; Blandford 1896c: Equihua & Atkinson 1957: 16; Reichardt 1965b: 163; Schedl 1933c: 163, 1972f: 119; Strohmeier 1911f: 204, 1912c: 20, (tx) Blandford 1896c: 114, 117; Equihua & Atkinson 1957: 16; Schedl 1933c: 163, 1940c: 203, 1941c: 157, 1972f: 119; Sharp 1880: 112; Strohmeier 1911f: 204, 1912c: 20.
- bilobus** (Schedl) 1961i: 231 (*Platypus*). Syntypes ♂: Cayenne; Schedl Collection in NHMW, Wien.
Distribution: South America (Cayenne).
References: (ds) Schedl 1972f: 119, (tx) Schedl 1961i: 231–232, 1972f: 119, 1978a: 16.
- brasilienis** Evers 1910: 18. Holotype ♂: Curitiba, Parana (Sud-Brasilien); Hamburg Museum, lost.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 791; Schedl 1972f: 119; Strohmeier 1912c: 19, 1914c: 40, (tx) Evers 1910: 18; Schedl 1972f: 119; Strohmeier 1912c: 19, 1914c: 40.
- chapuisi** Schedl 1937d: 43. Lectotype ♂: Brasilien, St. Catharina, Lages Hochland; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 19. Figures: Schedl 1972f: 116.
Distribution: South America (Brazil/ Colombia).
References: (ds) Blackwelder 1947: 791; Schedl 1972f: 119, (tx) Schedl 1937d: 43, 1952a: 444, 1963d: 234, 1972f: 116, 119, 1978a: 19; Wood, S. L. 1966a: 46.
- contractus** Chapuis 1865: 298. Holotype ♂ (Schedl 1960: 57): Bresil, Olydos; BMNH, London.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Schedl 1972f: 119; Strohmeier 1912c: 19, (tx) Chapuis 1865: 298; Schedl 1960c: 57, 1972f: 119; Strohmeier 1912c: 19.
- despectus** Schedl 1971f: 154. Holotype ♂: Brasilien; UZMC, Copenhagen.
Distribution: South America (Brazil).
References: (ds) Schedl 1972f: 119, (tx) Schedl 1971f: 154–155, 1972f: 119.
- devalquei** Chapuis 1865: 300. Syntypes 2♂, 1♀ (Schedl 1960c: 58); Bresil, Ega; BMNH, London.
Distribution: North America (Costa Rica/ El Salvador/ Guatemala/ Nayarit, Veracruz in Mexico/ Nicaragua/ Panama), South America (Argentina/ Bolivia/ Brazil/ Cayenne/ Colombia/ Paraguay/ Peru/ Suriname/ Venezuela).
Hosts: *Caryocar nucifera*, *Hevea brasiliensis*, *Ocotea rodiaei*.
Notes: (3) Dejean 1837: 333 (*appendiculatus* nomen nudum, synonymy in Schedl 1937d: 43).
References: (ds) Blackwelder 1947: 791; Equihua 1955: 144; Equihua & Atkinson 1957: 16; Estrada & Atkinson 1988: 213; Gemminger & Harold 1872: 2700; Numborg 1963c: 107; Reichardt 1965b: 163; Schedl 1960a: 80, 1970c: 89, 1970f: 582, 1971f: 151, 1972f: 119, 1972g: 51, 1976a: 59, 1977c: 44, 1978c: 292, 1979c: 59; Strohmeier 1912c: 19, 1914c: 40, (tx) Chapuis 1865: 300; Dejean 1837: 333; Equihua & Atkinson 1957: 16; Reichardt 1965b: 163; Schedl 1936c: 249, 1936e: 61, 1937d: 43, 1938i: 28, 1948d: 38, 1952a: 445, 1952e: 123, 1952h: 74, 1958c: 2, 1960a: 80, 1960c: 58, 1972f: 119; Strohmeier 1912c: 19, 1914c: 40.
- aubei** Chapuis 1865: 301. Syntypes 1♂, 1♀ (Schedl 1960c: 58); Bresil, Ste-Catherine; BMNH, London. Synonymy: Reichardt 1957b: 163, Schedl 1972: 119.
References: (ds) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Strohmeier 1914c: 40, (tx) Chapuis 1865: 301; Reichardt 1957b: 163, 1965: 163; Schedl 1960c: 58, 1972a: 119; Strohmeier 1914c: 40.
- dejeani** Chapuis 1865: 303. Syntypes: Colombie et du Mexique; 2♂, 1♀ in BMNH, London, 3♂, 2♀ in IRSNB, Brussels, 1♂, 2♀ in MNB, Berlin (Schedl 1960c: 59). Synonymy: Reichardt 1965b: 163, Schedl 1972a: 119.
References: (hb) Kalshoven 1963: 238; Swabey 1935: 7, (ds) Blackwelder 1947: 791; Blandford 1896c: 115; Ferrer 1942; Gemminger & Harold 1872: 2701; Kalshoven 1963: 238; Schedl 1933c: 163, 1963c: 160, 1966f: 77; Strohmeier 1912c: 19, 1914c: 40; Swabey 1935: 7, (tx) Blandford 1896c: Chapuis 1865: 303; Schedl 1937d: 43, 1940a: 328, 1952c: 123, 1952h: 14, 1960c: 59, 1972a: 119; Strohmeier 1912c: 19, 1914c: 40.
- elegans** Chapuis 1865: 295. Syntypes; Colombie; 1♂ BMNH, London, 1♂, 3♀ in IRSNB, Brussels (Schedl 1960c: 57).
Distribution: North America (Costa Rica/ Panama), South America (Colombia/ Peru/ Venezuela).

- Hosts: *Enterolobium* sp., *Erythrina costaricensis*, *Lonchocarpus magaritensis*, *Spodias purpurea*.
References: (ds) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Schedl 1972f: 119; Strohmeier 1912c: 20, 1914c: 40. (tx) Chapuis 1865: 295; Numberg 1939: 241, 1940: 69; Schedl 1937d: 43, 1952h: 74, 1960c: 57, 1972f: 119; Strohmeier 1912c: 20, 1914c: 40.
- ericus Blandford** 1896c: 115. Syntypes 1♂, 1♀; Mexico (Orizaba), Guatemala (Cerro Zamil, El Tumbador, Las Mercedes), Panama (Volcan de Chiriqui); BMNH, London.
Figures: Equihua & Atkinson 1987: 15.
Distribution: North America (Belize/ Costa Rica/ Guatemala/ Veracruz in Mexico/ Panama), South America (Brazil).
Hosts: *Bursera simarubra*, *Vismia guianensis*.
References: (ds) Atkinson & Equihua 1986a: 423; Blackwelder 1947: 791; Equihua 1985: 144; Equihua & Atkinson 1987: 16; Ferrer 1942; Reichardt 1965b: 163; Schedl 1933c: 163, 1966f: 94, 1967d: 5, 1972f: 119; Strohmeier 1912c: 20, 1914c: 40. (tx) Blandford 1896c: 114–115; Equihua & Atkinson 1987: 15, 16; Reichardt 1965b: 163; Schedl 1940a: 327–328, 1941e: 157, 1972f: 119; Strohmeier 1912c: 20, 1914c: 40.
- forceps Wood** 1966b: 46. Holotype ♂; Pandora, Limon Prov., Costa Rica; Wood Collection.
Figures: Wood 1966b: 47.
Distribution: North America (Costa Rica).
References: (ds) Equihua & Atkinson 1987: 16; Schedl 1972f: 119. (tx) Equihua & Atkinson 1987: 16; Schedl 1972f: 119; Wood, S. L. 1966b: 46–47.
- forcipatus Schedl** 1972g: 84. Holotype ♂; Brasilien, Jacareacanga, Para; MZUSP, Sao Paulo.
Distribution: South America (Brazil).
References: (ds) Schedl 1976a: 59. (tx) Schedl 1972g: 84, 1978a: 31.
- forficulus (Schedl)** 1936i: 103 (*Tesserocephalus*). Holotype ♀; Guyana; Schedl Collection in NHMW, Wien.
Distribution: South America (Guyana).
Notes: (1) Schedl 1972f: 119 (to *Tesserocerus*).
References: (ds) Blackwelder 1947: 791; Schedl 1972f: 119. (tx) Reichardt 1965: 163; Schedl 1936i: 103, 1972f: 119.
- fronteproductus Schedl** 1936i: 102. Holotype ♂; Brasilien; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 791; Schedl 1972f: 119. (tx) Schedl 1936i: 101–103, 1972f: 119, 1978a: 31.
- gebieni Evers** 1910: 18. Holotype ♀; Lages (Brasilien); Hamburg Museum, lost.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 791; Schedl 1972f: 119; Strohmeier 1912c: 20, 1914c: 40. (tx) Evers 1910: 18; Schedl 1972f: 119; Strohmeier 1912c: 20, 1914c: 40.
- guerini Chapuis** 1865: 299. Syntypes: Bresil: 1♂, 2♀ in BMNH, London, 1♂, 1♀ in IRSNB, Brussels (Schedl 1960c: 58).
Distribution: South America (Argentina/ Bolivia/ Brazil/ Cayenne).
Hosts: *Araucaria angustifolia*, *Cedrela fissilis*, *Eschweilera sagotianum*, *Orotea rodiaei*.
References: (ds) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Schedl 1960a: 75, 1966f: 94, 1967d: 5, 1970e: 89, 1971f: 151, 1972f: 119, 1972f: 51, 1976a: 59; Schonherr & Pedrosa-Macedo 1981: 55; Strohmeier 1912c: 20, 1914c: 40. (tx) Chapuis 1865: 299; Schedl 1936c: 249, 1937d: 43, 1939b: 394, 1941e: 157, 1951h: 285, 1960c: 58, 1972f: 119; Strohmeier 1912c: 20, 1914c: 40.
- guerini montanus** Schedl 1960a: 78. Syntypes, sex?; Corvico, Huarinillas, Bolivia, 1160 m; not given, presumably CAS, San Francisco, and Schedl Collection in NHMW, Wien.
Notes: (1) Schedl 1972f: 119 (not mentioned).
References: (tx) Schedl 1960a: 78.
- inermis Guerin-Meneville** 1838a: 106. Holotype ♂; Cayenne; MNHN, Paris.
Distribution: South America (Brazil/ Cayenne/ Ecuador/ Guyana/ Peru).
References: (ds) Blackwelder 1947: 791; Chapuis 1865; Gemminger & Harold 1872: 2701; Schedl 1972f: 119, 1976a: 59; Strohmeier 1912c: 20. (tx) Chapuis 1865: 310; Guerin-Meneville 1838a: 106; Lucas 1920: 633; Schedl 1941e: 157, 1960c: 61, 1972f: 119; Strohmeier 1912c: 20. (ms) Lucas 1920: 633.
- insignis (Saunders)** 1836: 155 (*Platypus*). Holotype ♀; Brasilia cirenm Monte Video; possibly in BMNH, London.
Distribution: South America (Argentina/ Bolivia/ Brazil/ Paraguay/ Uruguay).
Hosts: *Cedrela fissilis*.
Notes: Dejean 1837: 333 (*Damicerus agilis* nomen nudum, *D. denticornis* nomen nudum, *D. melanocephalus* nomen nudum, synonymy in Schedl 1972f: 119–120).
References: (ay) Menier 1976: 348. (bv) Menier 1976: 348. (ds) Blackwelder 1947: 791; Blandford 1895b; Chapuis 1865; Gemminger & Harold 1872: 2701; Lacordaire 1866: 392; Santoro 1957b: 25; Schedl 1966f: 94, 1970e: 85, 1971f: 151, 1972f: 119, 1972g: 51, 1976a: 59, 1979e: 59; Schonherr & Pedrosa-Macedo 1981: 55; Strohmeier 1911f: 204, 1912c: 20, 1914c: 40. (tx) Blandford 1895b; Castelnau 1840; Chapuis 1865: 308; Dejean 1837: 333; Guerin-Meneville 1838a; Hopkins 1914: 130; Lacordaire 1866: 392; Lucas 1920: 633; Numberg 1959: 493; Saunders 1836: 155; Schedl 1935e: 150, 1936c: 249, 1936e: 61, 1937d: 43, 1939j: 565, 1941e: 157, 1951h: 285–

- 256, 1952d: 343, 1960c: 60, 1966c: 43, 1972f: 119–120; Sharp 1880: 112; Strohmeier 1914c: 204, 1912c: 20, 1914c: 40. (ms) Lucas 1920: 633.
- bilamatus* Guérin-Meneville 1835a: 106. Holotype ♀; Bresil: MNHN, Paris. Synonymy: Schedl 1972f: 119.
References: (ds) Blackwelder 1947: 791. (tx) Guérin-Meneville 1835a: 106; Schedl 1972f: 119–120.
- ursus* Schedl 1935c: 149 (*Tesseroplattypus*). Holotype ♀; Parana, Brasilien; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1972f: 120.
References: (ds) Blackwelder 1947: 791. (tx) Schedl 1935c: 149, 1972f: 120, 1975a: 75.
- linearis* Chapuis 1865: 302. Syntypes, sex?; Bresil: BMNH, London.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Schedl 1972f: 120; Strohmeier 1912c: 20, 1914c: 40. (tx) Chapuis 1865: 302; Schedl 1960c: 58, 1972f: 120; Strohmeier 1912c: 20, 1914c: 40.
- morsi* Chapuis 1865: 298. Syntypes 2 ♀; Cayenne: 1 ♀ IRSNB, Brussels, 1 ♀ MNB, Berlin.
Distribution: South America (Cayenne).
Notes: (3) Schedl 1960: 57 (*mutilatus* Chapuis, nomen nudum, synonymy in Schedl 1972f: 120).
References: (ds) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Schedl 1972f: 120; Strohmeier 1912c: 20, 1914c: 40. (tx) Chapuis 1865: 298; Schedl 1937d: 33, 43, 1960c: 57, 1972f: 120; Strohmeier 1912c: 20, 1914c: 40.
- procer* (Erichson) 1847: 138 (*Plattypus*). Holotype ♀; not given; MNB, Berlin.
Distribution: South America (Bolivia/ Brazil/ Cayenne/ Guyana/ Peru/ Suriname/ Venezuela).
Hosts: *Catostemma* sp., *Simarubra smara*.
References: (ds) Blackwelder 1947: 791; Chapuis 1865; Gemminger & Harold 1872: 2701; Lacordaire 1866: 392; Schedl 1972f: 120, 1972g: 51, 1976a: 59, 1978c: 293; Strohmeier 1912c: 20, 1914c: 40. (tx) Chapuis 1865: 305; Erichson 1847: 138; Lacordaire 1866: 392; Numberg 1939: 241, 1940: 69; Schedl 1937d: 33, 43, 1952d: 343, 1952h: 74, 1960c: 59, 1972f: 120; Strohmeier 1912c: 20, 1914c: 40.
- obtusus* Chapuis 1865: 304. Syntypes 1♂, 1♀ (Schedl 1960c: 59); Guyane française, Cayenne et du Bresil, Ega: BMNH, London. Synonymy: Schedl 1960c: 59.
References: (ds) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Schedl 1960a: 79; Strohmeier 1912c: 20, 1914c: 40. (tx) Chapuis 1865: 304–305; Schedl 1936c: 61, 1941e: 157, 1952d: 343, 1952h: 74, 1958c: 2, 1960a: 79, 1960c: 59, 1972a: 120; Strohmeier 1912c: 20, 1914c: 40.
- productus* Shuckard 1838: 509. Holotype ♀; Brazil?; Shuckard Collection.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Strohmeier 1912c: 20. (tx) Schedl 1972a: 120; Shuckard 1838: 509; Strohmeier 1912c: 20.
- quadridens* Schedl 1972g: 54. Holotype ♂; Brasilien: Jacareacanga, Para: MZUSP, Sao Paulo.
Distribution: South America (Brazil).
Notes: (3) Schedl 1976a: 92 (described female).
References: (tx) Schedl 1972g: 54, 1976a: 92, 1975a: 60.
- retusus* Guérin-Meneville 1835a: 106. Holotype ♂; Mexique: MNHN, Paris (not found by Schedl 1960c: 56).
Distribution: North America (apparently Veracruz in Mexico), South America (Colombia).
References: (ds) Blackwelder 1947: 791; Chapuis 1865: 294; Equilua & Atkinson 1957: 16; Gemminger & Harold 1872: 2701; Lacordaire 1866: 392; Schedl 1972f: 120; Strohmeier 1912c: 20, 1914c: 40. (tx) Chapuis 1865: 294; Equilua & Atkinson 1957: 16; Guérin-Meneville 1835a: 106; Lacordaire 1866: 392; Lucas 1920: 633; Schedl 1960c: 56, 1972f: 120; Strohmeier 1912c: 20, 1914c: 40. (ms) Lucas 1920: 633.
- affinis* Guérin-Meneville 1835: 106. Holotype ♀; Mexique: MNHN, Paris. Synonymy: Schedl 1972f: 120.
References: (tx) Guérin-Meneville 1835a: 106; Schedl 1960c: 56, 1972f: 120.
- rudis* Chapuis 1865: 297. Holotype ♀ (Schedl 1960c: 47); De la province de Venezuela et Caracas: MNHN, Paris.
Distribution: South America (Venezuela).
Hosts: *Eschweilera* sp.
References: (ds) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Schedl 1972f: 120; Strohmeier 1912c: 20, 1914c: 40. (tx) Chapuis 1865: 297; Schedl 1960c: 47, 1972f: 120; Strohmeier 1912c: 20, 1914c: 40.
- schmutzenhoferi* Schedl 1977e: 48. Holotype ♂; El Salvador, Metapan, 1600–2200 m; Schedl Collection in NHMW, Wien.
Distribution: North America (El Salvador).
Hosts: *Quercus* sp.
References: (tx) Schedl 1977e: 48.
- simulatus* Schedl 1936c: 249. Lectotype ♀; Guyane Française: Comdonville, St.-Laurent du Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 66.
Distribution: South America (Cayenne).
References: (ds) Blackwelder 1947: 791; Numberg 1955a: 482, 492; Schedl 1972f: 120. (tx) Numberg 1955a: 482, 492; Schedl 1936c: 249, 1960h: 111, 1972f: 120, 1975a: 66.
- spinax* Blandford 1896e: 116. Syntypes 2 ♂; Nicaragua (Chontales), Panama (Volcan de Chiriqui); BMNH, London.

Distribution: North America (Costa Rica/ Nicaragua/ Panama), South America (Brazil/ Colombia/ Guyana).

Hosts: *Caryocar nucifera*, *Dialanthera gordonii-folis*, *Slonea multiflora*, *Vismia guianensis*.

References: (ds) Blackwelder 1947: 791; Equihua & Atkinson 1957: 16; Schedl 1972f: 120, 1972g: 52; Strohmeier 1912c: 20, 1914c: 40. (tx) Blandford 1896e: 114, 116; Equihua & Atkinson 1957: 16; Schedl 1933c: 163, 1939j: 565, 1972f: 120, 1972g: 55, 1978a: 68; Strohmeier 1912c: 20, 1914c: 40.

spinolae Chapuis 1865: 307. Syntypes 2; Mexique: 1♂ BMNH, London, 1♂ IRSNB, Brussels (Schedl 1960c: 60).

Distribution: North America (Puebla in Mexico).

Hosts: *Alnus* sp.

References: (ds) Blackwelder 1947: 791; Blandford 1896e: 115; Equihua & Atkinson 1957: 16; Ferrer 1942; Gemminger & Harold 1872: 2701; Schedl 1972f: 120; Strohmeier 1912c: 20, 1914c: 40. (tx) Blandford 1896e: 115; Chapuis 1865: 307; Equihua & Atkinson 1957: 16; Schedl 1940a: 328, 1960c: 60, 1972f: 120; Sharp 1850: 112; Strohmeier 1912c: 20, 1914c: 40.

vegrandis Schedl 1935e: 150 (*Tesseroplattypus*).

Holotype ♀; Mexico; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1972f: 120.

References: (ds) Blackwelder 1947: 791; Ferrer 1942. (tx) Schedl 1935e: 150–151, 1940a: 328, 1972f: 120, 1978a: 79.

ustulatus Shuckard 1838: 508. Holotype ♂; Brazil?; Shuckard Collection.

Distribution: South America (Brazil?).

References: (ds) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Schedl 1972f: 120; Strohmeier 1912c: 20. (tx) Schedl 1972f: 120; Shuckard 1838: 508–509; Strohmeier 1912c: 20.

Genus *Tesserocranulus* Schedl

TESSEROCRANULUS SCHEDL 1933: 164. Type-species: *Tesserocranulus nevermanni* Schedl, original designation.

References: (ds) Schedl 1972f: 121. (tx) Reichardt 1965b: 165; Schedl 1933c: 164, 1939b: 400, 1972f: 121.

nevermanni Schedl 1933c: 164. Holotype ♂; Costa Rica, Hamburgfarm, Reventazon, Ebene Limon; Schedl Collection in NHMW, Wien.

Figures: Reichardt 1965b: 161. Schedl 1972f: 121 (male).

Distribution: North America (Costa Rica), South America (Cayenne).

Hosts: *Eschweilera* sp.

References: (ds) Blackwelder 1947: 791; Equihua & Atkinson 1957: 18; Reichardt 1965b: 165; Schedl 1933c: 164, 1972f: 123, 1976a: 59. (tx) Equihua & Atkinson 1957: 18; Reichardt 1965b:

161, 165; Schedl 1933c: 164, 1935e: 151–152, 1936c: 250, 1940c: 203, 1972f: 121, 123, 1978a: 47.

Genus *Spathidicerus* Chapuis

SPATHIDICERUS CHAPUIS 1865: 42, 311. Type-species: *Spathidicerus thomsonii* Chapuis, subsequent designation by Hopkins 1914: 129.

References: (hb) Schedl 1972f: 256. (ds) Schedl 1966b: 101, 1972f: 256. (tx) Chapuis 1865: 42, 311; Hopkins 1914: 129; Murayama 1925: 199–201; Numborg 1963d: 357–361; Schedl 1939b: 403, 1941c: 359–360, 1957b: 159, 1960c: 61, 1972f: 256–258.

corporaali Browne 1964: 753. Holotype ♀; Sumatra; BMNH, London.

Distribution: Indonesia (Sumatra).

Notes: (3) Schedl 1972f: 253 (treated in *Periommatulus*).

References: (ds) Schedl 1972f: 253. (tx) Browne 1964: 753; Schedl 1972f: 253.

javanus Strohmeier 1913: 165. Syntypes ♂ ♀; Java (Banjoevangi); IPKE, Eberswalde.

Distribution: Indonesia (Java).

References: (ds) Schedl 1972f: 255; Strohmeier 1914c: 43. (tx) Schedl 1972f: 255; Strohmeier 1913: 165, 1914c: 43.

nobilis Chapuis 1865: 315. Syntypes 2♂; Nouvelle-Guinée; BMNH, London.

Distribution: New Guinea.

References: (ds) Browne 1980a: 373; Gemminger & Harold 1872: 2701; Nobuchi 1977: 143; Ohno, Yoshioka, et al. 1988b: 95, 1989: 67; Schedl 1962f: 73, 1972f: 255; Strohmeier 1912c: 21, 1914c: 43. (tx) Chapuis 1865: 315; Schedl 1960c: 61, 1962f: 73, 75, 1972f: 255, 1978a: 47; Strohmeier 1912c: 21, 1914c: 43.

intermedius Schedl 1936g: 519. Syntypes ♂; North-East Papua: Mt. Lamington, 1300–1500 feet; SAM, Adelaide, and Schedl Collection in NHMW, Wien. Synonymy: Schedl 1972f: 258.

References: (ds) Schedl 1936g: 519, 1968f: 537. (tx) Schedl 1936g: 519–520, 1939b: 379, 1941e: 157, 1972f: 258.

papuanus Schedl 1935f: 276. Lectotype ♀; Papua: Kokoda, 1200 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 51.

Distribution: New Guinea.

Notes: (3) Schedl 1972f: 255 (treated in *Periommatulus*).

References: (ds) Schedl 1972f: 255. (tx) Schedl 1935f: 276, 1940b: 434, 1942a: 216, 1972f: 255, 1978a: 51.

philippinensis Schedl 1942a: 216. Holotype ♂; Philippinen; Schedl Collection in NHMW, Wien.

Distribution: Philippine Islands.

Notes: (3) Schedl 1972f: 255 (treated in *Periommatulus*).

References: (ds) Schedl 1966b: 101, 1972f: 255.

(**tx**) Nobuchi 1985: 330; Schedl 1942a: 216, 1972f: 255, 1975a: 55.

sumatranus Schedl 1935j: 4. Lectotype ♀; N.O. Sumatra, Tebing-tinggi; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 72. Distribution: Asia (Malaya), Indonesia (Sumatra). Notes: (3) Schedl 1961c: 70, 74 (described male), 1972f: 255 (treated in *Periommatus*). References: (**ds**) Schedl 1972f: 255, 1975a: 453, (**tx**) Schedl 1935j: 4, 1961c: 70, 74, 1972f: 255, 1975a: 72.

thomsoni Chapuis 1865: 314. Holotype ♀; Inde-orientale, Chenabor; IRSNB, Brussels (Schedl 1960h: 61). Figures: Schedl 1972f: 256 (male, part of female). Distribution: Indonesia (Celebes, Java, Sumatra), New Guinea. References: (**ay**) Strohmeier 1918: 21, (**bv**) Meixner 1937: 121S, (**cc**) Füller 1955: 100, (**ds**) Browne 1980a: 371; Gemminger & Harold 1872: 2701; Lacordaire 1866: 392; Schedl 1971c: 367, 1972f: 258; Strohmeier 1911f: 204, 1912c: 21, 1914c: 43, (**tx**) Chapuis 1865: 314; Hopkins 1914: 129; Lacordaire 1866: 392; Lucas 1920: 572; Meixner 1937: 121S; Schedl 1937d: 44, 1942c: 165, 1960h: 61, 1972f: 256–258; Strohmeier 1911c: 105, 1912c: 21, 1913: 165, 1914c: 43, (**ms**) Lucas 1920: 572.

Genus *Periommatus* Chapuis

PERIOMMATUS CHAPUIS 1865: 42, 316. Type-species: *Periommatus longicollis* Chapuis, monobasic.

Asctus Numberg 1958a: 10. Type-species: *Periommatus severini* Strohmeier, designated by Wood 1992a: 90. Synonymy: Schedl 1972f: 250.

References: (**tx**) Numberg 1958a: 10; Schedl 1972f: 250; Wood, S. L. 1992a: 90.

Scantus Numberg 1966b: 25. Type-species: *Periommatus titschacki* Schedl, original designation. Synonymy: Schedl 1972f: 250.

References: (**tx**) Numberg 1966b: 25; Schedl 1972f: 250.

References: (**hb**) Schedl 1972f: 250, (**ds**) Schedl 1972f: 250, (**tx**) Blackman 1944: 77; Browne 1972a: 179; Chapuis 1865: 42, 316–318; Hopkins 1914: 126, 134, 1915c: 227; Kolbe 1897: 284; Lacordaire 1866: 389, 394; Numberg 1953: 44, 1958a: 1–57, 1966b: 17–39, 1968b: 373–380; Sampson 1924: 132–133; Schedl 1933c: 164, 1933f: 204, 1935c: 154, 1935f: 276, 1936e: 62, 1937d: 44, 1939b: 403–404, 1939g: 169, 1941c: 359–360, 1952i: 7, 1957d: 147, 1960c: 61, 1962k: 1000, 1965f: 3–15, 1969h: 104, 1972f: 250, 1977b: 272; Strohmeier 1911c: 105, 1912a: 17–18, 27–28, 1912c: 21, 1914b: 4–42, 1918: 1–46.

abruptus Numberg 1966b: 26. Holotype ♂; Idanre, Nigeria; Federal Department of Forest Research in Ibadan, Nigeria.

Figures: Numberg 1966b: 39.

Distribution: Africa (Nigeria).

Hosts: *Strombosia pustula*.

References: (**ds**) Numberg 1966b: 20, 26; Roberts 1968: 192; Schedl 1972f: 252, (**tx**) Numberg 1966b: 26, 39; Schedl 1972f: 252.

angustior Schedl 1954e: 87. Lectotype ♂; Sinyani [Gold Coast]; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 11.

Figures: Numberg 1966b: pl. 2, figs. 22, 25.

Distribution: Africa (Ghana/ Nigeria/ Zaire).

Hosts: *Chlorophora excelsa*, *Funtumia elastica*, *Terminalia superba*, *Xylopia* sp.

Notes: (3) Numberg 1958b: 22 (description quoted), Schedl 1972f: 253 (a subspecies of *excisus*).

References: (**ds**) Browne 1983a: 556; Numberg 1968b: 373; Roberts 1960b: 35, 1960c, 1960f; Schedl 1962k: 1029, 1966c: 234, 1967c: 222, 1972f: 253, (**tx**) Numberg 1958b: 22, 1966b: 32; Schedl 1954e: 59, 87, 1962k: 1029, 1972f: 253, 1978a: 11.

simillimus Numberg 1966b: 34. Holotype ♂; Nigerien, Oban; Federal Department of Forest Research in Ibadan, Nigeria. Synonymy: Schedl 1972f: 253.

References: (**ds**) Numberg 1966b: 21; Roberts 1968: 193, (**tx**) Numberg 1966b: 34, 39; Schedl 1972f: 253.

artecircularis Schedl 1966c: 238. Holotype ♂; Congo ex-belge, Luki; Schedl Collection in NHMW, Wien.

Distribution: Africa (Congo/ Zaire).

Hosts: *Xylopia* sp.

References: (**ds**) Schedl 1972f: 252, (**tx**) Schedl 1966c: 238, 1972f: 252, 1978a: 12.

artestrigatus Numberg 1958b: 23. Holotype ♀; Congo Belge; Sankuru; MRCB, Tervuren.

Figures: Numberg 1958b: pl. 1, figs. 1–5.

Distribution: Africa (Uganda/ Zaire).

References: (**ds**) Browne 1972c: 103, 1983a: 556; Schedl 1972: 252, (**tx**) Browne 1972c: 103; Numberg 1958b: 23; Schedl 1972f: 252.

basilewskyi Numberg 1958b: 24. Holotype ♂; Congo Belge; Ruanda, Binimba; MRCB, Tervuren.

Distribution: Africa (Zaire).

References: (**ds**) Schedl 1972f: 252, (**tx**) Numberg 1958b: 24; Schedl 1972f: 252.

bicallosus Schedl 1971g: 199. Holotype ♂; Guinea espanol, Mikineseng; Instituto Espanol de Entom. Distribution: Africa (Equatorial Guinea).

References: (**tx**) Schedl 1971g: 199.

bifrons Schedl 1936b: 134. Holotype, sex?; Kamerun; Schedl Collection in NHMW, Wien.

Figures: Numberg 1966b: pl. 2, figs. 4–11.

Distribution: Africa (Angola/ Cameroon/ Nigeria).

Notes: (3) Numberg 1958b: 26 (description quoted), 1966: 27 (described female).

References: (**ds**) Ferreira 1965: 1134; Numberg

- 1966b: 20; Roberts 1968: 193; Schedl 1959p: 23, 1962k: 1035, 1972f: 252. (tx) Numberg 1955b: 26, 1966b: 27, 39; Schedl 1936b: 134, 1962k: 1035, 1972f: 252, 1978a: 15
- bispinus** **Strohmeyer** 1912c: 19. Syntypes 3 ♂; Kamerun; Strohmeyer Collection.
 Figures: Numberg 1955b: pl. 1, figs. 11–17, pl. 2, figs. 1–4.
 Distribution: Africa (Cameroon/ Equatorial Guinea/ Ghana/ Guinea/ Ivory Coast/ Nigeria/ Zaïre).
 Hosts: *Albizzia zygia*, *Celtis soyauxii*, *Xylopia villosa*.
 Notes: (3) Numberg 1968b: 374–375 (named aberration *brevispinatus*, no status).
 References: (ay) Strohmeyer 1918: 18, 1920: 22. (ds) Numberg 1968b: 374; Roberts 1968: 193; Schedl 1962h: 63, 1962k: 1001, 1964f: 620, 1965g: 22, 1966a: 276, 1971e: 3, 1971g: 195, 1972f: 252, 1979b: 417; Strohmeyer 1912c: 2, 1914c: 42; Wood, S. L. 1957e: 1272. (tx) Numberg 1955b: 27, 1968b: 374–377; Sampson 1924c: 132; Schedl 1937d: 44, 1955d: 270, 1962k: 1001, 1972f: 252; Strohmeyer 1912c: 19–21, 1914c: 42, 1918: 22.
- circularis** **Schedl** 1935e: 174. Holotype ♂; Kongo (Haut-Uele; Manda) (Schedl 1978a: 19); Schedl Collection in NHMW, Wien.
 Figures: Numberg 1966b: pl. 1, figs. 1–2.
 Distribution: Africa (Uganda/ Zaïre).
 Hosts: *Celtis brieiyi*, *Cynometra hankei*.
 References: (ds) Mayne & Donis 1962: 579; Numberg 1966b: 18; Schedl 1962h: 63, 1962k: 1030, 1972f: 252. (tx) Numberg 1955b: 32, 1966b: 18; Schedl 1935e: 174, 1941d: 421, 1962k: 1030, 1972f: 252, 1978a: 19.
- circulariscirculariceps** **Schedl** 1962k: 1030. Holotype ♂; Congo Belge; Yangambi; Schedl Collection in NHMW, Wien.
 References: (ds) Schedl 1966c: 234, 1972f: 252. (tx) Schedl 1962k: 1030, 1972f: 252, 1978a: 20.
- collaticius** **Schedl** 1941d: 420. Holotype ♂; Ogoone [French West Africa]; Schedl Collection in NHMW, Wien.
 Distribution: Africa (Gabon).
 References: (ds) Schedl 1972f: 252. (tx) Numberg 1955b: 12; Schedl 1941d: 420, 1957d: 148, 1962k: 1036, 1972f: 252, 1978a: 20.
- congoanus** **Numberg** 1958b: 33. Holotype ♀; [Belge, Congo] Maniema, bei riv. Kasa-Niamba; MRCB, Tervuren.
 Distribution: Africa (Zaïre).
 References: (cn) Mayne & Donis 1951: 332. (cc) Mayne & Donis 1951: 332. (ds) Schedl 1972f: 252. (tx) Numberg 1955b: 33; Schedl 1972f: 252.
- costatus** **Numberg** 1966b: 28. Holotype ♂; Nigerien, Oban; Federal Department of Forest Research in Ibadan, Nigeria.
 Figures: Numberg 1966b: pl. 2, figs. 12–13.
 Distribution: Africa (Nigeria).
 References: (ds) Numberg 1966b: 20; Roberts 1968: 193; Schedl 1972f: 253. (tx) Numberg 1966b: 39; Schedl 1972f: 253.
- defranatus** **Schedl** 1941d: 420. Holotype ♂; Ogoone [French West Africa]; Schedl Collection in NHMW, Wien.
 Distribution: Africa (Congo/ Equatorial Guinea/ Gabon/ Zaïre).
 Notes: (3) Numberg 1955b: 34 (description quoted).
 References: (ds) Schedl 1966c: 234, 1971g: 195, 1972f: 253. (tx) Numberg 1955b: 34; Schedl 1941d: 420, 1962k: 1034, 1972f: 253, 1978a: 24.
- elongatus** **Numberg** 1958b: 35. Holotype ♂; Belgisch-Congo, Elisabethville; MRCB, Tervuren.
 Figures: Numberg 1955b: pl. 3, figs. 5–8.
 Distribution: Africa (Zaïre).
 References: (ds) Schedl 1972f: 253. (tx) Numberg 1955b: 35; Schedl 1972f: 253.
- excisus** **Strohmeyer** 1912: 22. Holotype ♂; Kongo; Strohmeyer Collection.
 Figures: Mayne & Donis 1962: 279, Numberg 1955b: pl. 3, figs. 9–12, 1966b: pl. 1, figs. 6–8, 1968b: 377, Roche & Lhoste 1960: fig. c, Schedl 1962k: 1028, 1972f: 250.
 Distribution: Africa (Angola/ Cameroon/ Ethiopia/ Equatorial Guinea/ Fernando Po/ Gabon/ Ghana/ Ivory Coast/ Kenya/ Nigeria/ Principe Island/ Sao Tome Island/ Sierra Leone/ Spanish Guinea/ Tanzania/ Zaïre).
 Hosts: Browne 1963a: 247, Schedl 1962k: 1020–1023 (lists many hosts). *Hypodaphnis* sp.
 Notes: (3) Numberg 1955b: 37 (named aberration *sulcatus*, synonymy in Schedl 1972f: 253).
 References: (ay) Lhoste & Roche 1960; Roche & Lhoste 1960: 2056. (cn) Thompson, G. H. 1960. (cc) Jover 1952: 73–81; Roche & Lhoste 1960: 2056. (hb) Browne 1963a: 247; Jover 1952: 73–81. (ds) Browne 1963a: 247; Cachan 1957: 6, 15; Cola 1971; Ferreira 1965: 1135; Gardner 1957a: 29; Jones, Roberts, & Baker 1959: 13, 23, 45, 53; Mayne & Donis 1960: 98, 1962: 279; Menier 1973a; Numberg 1966b: 20; Roberts 1968: 193, 1969: 116; Schedl 1962h: 63, 1962k: 1018, 1964f: 620, 1965g: 22, 1966a: 276, 1966c: 234, 1971e: 3, 1971g: 195, 1972e: 285, 1972f: 253, 1972k: 296, 1975h: 352, 1979b: 417; Strohmeyer 1912c: 21, 1914c: 42; Thompson, G. H. 1960, 1963: 55; Webb & Jones 1959: 35–39. (tx) Mayne & Donis 1962: 279; Numberg 1955b: 36, 1968b: 375, 377; Roche & Lhoste 1960: fig. c; Schedl 1936e: 62, 1937d: 44, 1938d: 452, 1939g: 167, 1941e: 156, 1950c: 205–206, 1950d: 12, 1950e: 213, 1951f: 40, 1953g: 245, 1954d: 875, 1954e: 60, 1955d: 270–271, 1957d: 149, 1959p: 23, 1962k: 1018–1023, 1028–1036, 1972f: 253; Strohmeyer 1912a: 22, 1912c: 21, 1914c: 42, 1920: 1–47.
- gracilis** **Strohmeyer** 1912a: 24. Holotype ♀; Kamerun; IPKE, Eberswalde.
 Distribution: Africa (Cameroon/ Zaïre).

- Notes: (3) Numberg 1958b: 37 (description quoted), 1966: 23 (re-described female).
References: (ay) Strohmeier 1918: 17. (ds) Numberg 1966b: 19; Schedl 1972f: 253; Strohmeier 1911c: 106, 1912c: 21, 1914c: 42. (tx) Numberg 1958b: 37, 1966b: 23; Schedl 1962k: 1036, 1972f: 253; Strohmeier 1911c: 106, 1912a: 24, 1912c: 21, 1914c: 42.
- grandis** Schedl 1953g: 248. Syntypes, sex?: Kamerun; Umgeb. Kamerunberg, Missellele, Congo Belge; Mayidi, Moto, Stanlexville; MRCB, Tervuren and Schedl Collection in NHMW, Wien. Figures: Numberg 1958b: pl. 3, figs. 19–20. Distribution: Africa (Cameroon/ Equatorial Guinea/ Ghana/ Ivory Coast/ Kenya/ Nigeria/ Uganda/ Zaïre). Hosts: Schedl 1962k: 1005–1009 (numerous hosts listed). Notes: (1) Schedl 1975a: 33 (citation of holotype invalid). (3) Numberg 1958b: 37 (description quoted), Schedl 1972f: 254 (treated as a subspecies of *longicollis*). References: (ds) Browne 1983a: 556; Cahlan 1957: 15; Gardner 1957a: 29; Jones, Roberts, & Baker 1959: 13–53; Mayne & Donis 1960: 98, 1962: 280; Numberg 1966b: 19; Roberts 1960b: 36, 39, 1960e, 1960f, 1968: 193; Schedl 1962h: 63, 1962k: 1005, 1964f: 620, 1967c: 222, 1971g: 196, 1972c: 286, 1972f: 620; Thompson, G. H. 1963: 55. (tx) Numberg 1958b: 37; Powell, W. 1987: 28; Sampson 1924: 133; Schedl 1933f: 204, 1939b: 354, 1950d: 12, 1953g: 248, 1954e: 60, 86, 1962h: 63, 1962k: 1005, 1972f: 254, 1975a: 33.
- inermis** Strohmeier 1912a: 26. Syntypes ♂ ♀: Kinchassa, Kongo; Strohmeier Collection. Figures: Numberg 1958b: pl. 3, figs. 14–18. Distribution: Africa (Zaïre). Hosts: *Scorodophloeus zenkeri*. References: (ds) Numberg 1966b: 18; Schedl 1933f: 204, 1962k: 1033, 1972f: 255; Strohmeier 1912c: 21, 1914c: 42. (tx) Numberg 1958b: 12; Sampson 1924c: 132; Schedl 1933f: 204, 1950d: 5, 1962k: 1033, 1972f: 255; Strohmeier 1912a: 18, 26, 28, 1912c: 21, 1914c: 42.
- kreczmeri** Numberg 1958b: 38. Holotype ♀; Madagascar Contr., Prov. Moromongo, Ortschaft Perinet; Poln. Inst. Poln. Ak. d. Wiss., Warszawa. Distribution: Madagascar. Notes: (3) Browne 1972c: 104 (described male). References: (ds) Schedl 1972f: 253. (tx) Browne 1972c: 104–105; Numberg 1958b: 38; Schedl 1972f: 253, 1977b: 273.
- latescapus** Numberg 1968b: 378. Holotype ♀; Obudu Cattle Ranch, Nigeria; Federal Department of Forest Research in Ibadan, Nigeria. Figures: Numberg 1968b: 377. Distribution: Africa (Nigeria). References: (ds) Numberg 1968b: 374; Roberts
- 1968: 193; Schedl 1972f: 253. (tx) Numberg 1968b: 377–378; Schedl 1972f: 253.
- latespinatus** Numberg 1969b: 196. Holotype ♂; Nord-Nigerien, Gyl Nyaki; BMNH, London. Distribution: Africa (Congo/ Nigeria). References: (ds) Browne 1972c: 100; Schedl 1972f: 254. (tx) Numberg 1969b: 196; Schedl 1972f: 254.
- longicollis** Chapuis 1865: 315. Syntypes ♂: Cap de Bonne-Esperance; apparently at MNHN, Paris. Figures: Lhoste & Roche 1960: fig. 1, Numberg 1958b: pl. 4, figs. 6–8, 1966b: pl. 1, figs. 10–14, pl. 2, fig. 3. Distribution: Africa (Angola/ Cameroon/ Congo/ Equatorial Guinea/ Ethiopia/ Fernando Po/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Kenya/ Madagascar/ Mozambique/ Nigeria/ Ruanda/ Senegal/ South Africa/ Tanzania/ Zaïre/ Zambia/ Zimbabwe). Hosts: Browne 1963a: 248, Schedl 1962k: 1012–1013, 1017 (numerous hosts listed). Notes: (3) Numberg 1958b: 40 (description quoted), Schedl 1954e: 59, 70 (*angustus*, nomen nudum, synonymy in Schedl 1957d: 149). References: (hb) Browne 1963a: 248. (ds) Browne 1963a: 248; Ferreira 1965: 1134; Gemminger & Harold 1872: 2701; Kolbe 1897: 283; Lacordaire 1866: 392; Menier 1973a; Schedl 1962k: 1002, 1965g: 22, 1972f: 254; Strohmeier 1912c: 21, 1914c: 42. (tx) Chapuis 1865: 318; Hopkins 1914: 126, 134; Lacordaire 1866: 392–394; Lucas 1920: 494; Numberg 1958b: 40; Sampson 1924: 132; Schedl 1952j: 7, 1953g: 248, 1954e: 59, 1957d: 149, 1960c: 61–62, 1962k: 1002, 1972f: 254; Strohmeier 1912a: 17–18, 27, 1912c: 21, 1914c: 42. (ms) Lucas 1920: 494.
- camerunus** Strohmeier 1912a: 21. Syntypes, sex?: Kamerun; IPKE, Eberswalde. Notes: (1) Schedl 1972f: 254 (a subspecies of *longicollis*). (3) Numberg 1958b: 29 (description quoted, re-described). References: (ay) Lhoste & Roche 1960; Roche 1960: 2056–2058; Roche & Lhoste 1960: 385–386; Strohmeier 1918: 18. (cc) Roche & Lhoste 1960: 385–386. (hb) Beaver & Loytyniemi 1985b: 119. (ds) Beaver & Loytyniemi 1985b: 119; Browne 1962: 93, 1963: 248, 1975a: 757, 1975b: 395, 1980c: 495, 1984c: 450; Cahlan 1957: 15; Gardner 1957a: 29; Mayne & Donis 1950: 332, 1960: 98, 1962: 278; Numberg 1966b: 18–20, 1968b: 374; Roberts 1968: 193, 1969: 116; Schedl 1933f: 204, 1938d: 452, 1959p: 23, 1962h: 63, 1962k: 1009, 1123, 1964f: 620, 1966c: 236, 1967e: 222, 1971e: 3, 1971g: 196, 1972c: 286, 1972f: 254, 1972k: 296, 1977a: 273, 1982: 279; Strohmeier 1911c: 106, 1912c: 21, 1914c: 42; Thompson, G. H. 1963: 55; Wood, S. L. 1957e: 1272. (tx) Lhoste & Roche 1960: fig. 1; Numberg 1958b: 29; Sampson 1924c: 133; Schedl 1933f: 204, 1935e: 174, 1936b: 135, 1937b: 407,

1937d: 44, 1941d: 423, 1941e: 156, 1950d: 5, 12, 19, 1953g: 245, 248, 1954d: 875, 1954e: 60–61, 1955d: 270–271, 1955f: 262, 1957b: 152, 1957d: 148–149, 1959p: 23, 1962h: 63, 1962k: 1009–1018, 1964f: 620, 1964k: 220–221, 1965g: 22, 1966c: 235, 1967e: 222, 1972f: 254, 1977b: 273; Strohmeier 1911c: 106, 1912a: 21–24, 27, 1912c: 21, 1914c: 42, 1918: 22.

camerunus angustiformis Schedl 1957d: 149. Lectotype ♂: Congo Belge; Yangambi; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 18.

Notes: (1) The original description is of an individual variation (aberration) within a series that does not meet the criteria of a species or subspecies. Schedl 1972f: 254 (a variety of *longicollis*).

References: (ds) Ferreira 1965: 1134; Mayne & Donis 1960: 98, 1962: 279; Roberts 1969: 116; Schedl 1954e: 59, 70, 1959p: 23, 1962h: 63, 1962k: 1014–1016, 1964f: 620, 1966c: 235, 1971g: 195, 1972e: 286, 1972f: 254, (tx) Browne 1962: 93; Schedl 1957d: 149, 1962k: 1016, 1123, 1972f: 254, 1975a: 18.

camerunus brevestrigatus Nunberg 1955b: 32. Holotype ♀: Belgisch Congo, Luilonga-Befale; MRCB, Tervuren. Synonymy: Schedl 1972f: 254.

References: (ds) Schedl 1972f: 254, (tx) Nunberg 1955b: 11, 32; Schedl 1972f: 254.

camerunus crebrestrigatus Nunberg 1972c: 133. Holotype, sex?; Bafuhgamba, Cameroon Republic; Roberts Collection. Synonymy: Schedl 1972f: 254.

Notes: (1) This was originally named as a form, not as a species or subspecies; as such, it has no standing in nomenclature.

References: (tx) Nunberg 1972c: 133; Schedl 1972f: 254.

longus Nunberg 1966b: 25. Holotype ♀; Tshuapa; Bokuna; MRCB, Tervuren.

Figures: Nunberg 1966b:pl. 1, figs. 15–20.

Distribution: Africa (Zaire).

References: (ds) Nunberg 1966b: 20; Schedl 1972f: 254, (tx) Nunberg 1966b: 25, 37; Schedl 1972f: 254.

luebensis Nunberg 1955: 13. Holotype ♀?; Belgisch Congo; Luebo; MRCB, Tervuren.

Figures: Nunberg 1966b:pl. 1, figs. 3–4.

Distribution: Africa (Zaire).

References: (ds) Nunberg 1966b: 18; Schedl 1972f: 254, (tx) Nunberg 1955a: 13, 1966b: 21, 37; Schedl 1972f: 254.

major Strohmeier 1912a: 20. Syntypes 1♂, 1♀; Kamerun; Strohmeier Collection.

Figures: Nunberg 1955a:pl. 4, figs. 13–19

Distribution: Africa (Cameroon/ Nigeria).

Notes: (3) Nunberg 1955a: 41 (description

quoted, redescribed). Schedl 1972f: 254 (treated as a subspecies of *longicollis*).

References: (ds) Nunberg 1955a: 41, 1966b: 20; Roberts 1968: 193; Schedl 1933f: 204, 1972f: 254; Strohmeier 1912c: 21, 1914c: 42, (tx) Sampson 1924c: 133; Schedl 1933f: 204, 1939b: 354, 1950d: 12, 1953g: 248, 1954e: 60, 86, 1962k: 1004–1005, 1972f: 254; Strohmeier 1912a: 20–21, 27, 1912c: 21, 1914c: 42.

minutus Nunberg 1966b: 29. Holotype ♂; Nigerien, Oban; Federal Department of Forest Research in Ibadan, Nigeria.

Figures: Nunberg 1966b:pl. 2, figs. 14–16.

Distribution: Africa (Nigeria).

References: (ds) Nunberg 1966b: 20; Roberts 1968: 193; Schedl 1972f: 254, (tx) Nunberg 1966b: 29; Schedl 1972f: 254.

mirabilis Nunberg 1969b: 200. Syntypes, sex?; Nord-Nigerien, Gyel Nyaki; BMNH, London.

Distribution: Africa (Cameroon/ Nigeria).

Notes: (3) Nunberg 1972c: 134 (redescribed).

References: (ds) Schedl 1972f: 254, (tx) Nunberg 1969b: 200, 1972c: 134; Schedl 1972f: 254.

mkusii Strohmeier 1912a: 21. Syntypes ♂ ♀; Deutsch Ostafrika (Mkulusumi-Berg), Nguelo; IPKE, Eberswalde.

Figures: Nunberg 1955a:pl. 4, figs. 1–8.

Distribution: Africa (Cameroon/ Kenya/ Tanzania/ Zaire), Madagascar.

Hosts: *Albizia zygia*, *Pausinystalia* sp.

Notes: (3) Nunberg 1955a: 43 (description quoted, redescribed). Schedl 1972f: 254 (treated as a subspecies of *longicollis*).

References: (hb) Strohmeier 1911a: 182, (ds) Beaver & Loytyniemi 1955b: 120; Nunberg 1955a: 43, 1966b: 19, 1968b: 374; Roberts 1968: 193; Schedl 1933f: 204, 1935d: 452, 1962k: 1004, 1966c: 234, 1972f: 254, 1977b: 275; Strohmeier 1911a: 182, 1912c: 21, 1914c: 42, (tx) Schedl 1933f: 204, 1937d: 44, 1962k: 1004–1005, 1966c: 234, 1972f: 254, 1977b: 275; Strohmeier 1911: 182, 1912a: 21, 27, 1912c: 21, 1914c: 42.

nigeriensis Nunberg 1966b: 30. Holotype, sex?; Nigeria, Ore FR; Federal Department of Forest Research, Ibadan, Nigeria.

Figures: Nunberg 1966b: 39.

Distribution: Africa (Nigeria).

Hosts: *Corynanthe pachycceras*.

References: (ds) Nunberg 1966b: 21; Schedl 1972f: 254, (tx) Nunberg 1966b: 30, 39; Schedl 1972f: 254.

nitidicollis Strohmeier 1912a: 23. Syntypes, sex?; Kamerun, Deutsch Ostafrika; IPKE, Eberswalde.

Figures: Nunberg 1955a:pl. 4, figs. 1–15.

Distribution: Africa (Angola/ Cameroon/ Congo/ Ghana/ Ivory Coast/ Nigeria/ Tanzania/ Zaire).

Hosts: *Chlorophora excelsa*, *Enantia clorantha*, *Oxytigma msoo*.

Notes: (3) Nunberg 1955a: 44 (description

- quoted, redescribed), Schedl 1972f: 253 (a subspecies of *excisus*).
- References: (**hb**) Strohmeier 1911a: 152. (**ds**) Ferreira 1965: 1135; Numberg 1952: 22, 1958a: 44, 1965b: 22, 1966b: 19, 1968b: 374; Roberts 1968: 193; Schedl 1933f: 205, 1959p: 23, 1962k: 1024, 1972c: 255, 1972h: 253; Strohmeier 1911a: 152, 1912c: 21, 1914c: 42. (**tx**) Numberg 1952: 22; Schedl 1933f: 205, 1941c: 157, 1950d: 5, 1953g: 245, 1954d: 575, 1954e: 57, 1962k: 1024, 1972f: 253; Strohmeier 1912a: 23–24, 1912c: 21, 1914c: 42.
- penicillatus** Schedl 1965f: 14. Holotype ♀; Uganda, Mganga; BMNH, London.
Distribution: Africa (Uganda).
References: (**ds**) Schedl 1972f: 255. (**tx**) Schedl 1965f: 14, 1972f: 255, 1978a: 52.
- piceus** Strohmeier 1912a: 24. Holotype ♂; Kamerun: IPKÉ, Eberswalde.
Figures: Numberg 1958b: pl. 5, figs. 14–16.
Distribution: Africa (Cameroon/ Congo/ Ivory Coast/ Nigeria/ Sierra Leone/ Zaïre).
References: (**ds**) Browne 1965a: 205, 1972c: 100; Numberg 1952: 22, 1965b: 22, 1966b: 21; Roberts 1968: 193; Schedl 1972f: 253; Strohmeier 1912c: 21, 1914c: 42. (**tx**) Numberg 1952: 22, 1958b: 46, 1964: 22; Sampson 1924c: 132; Schedl 1962k: 1026, 1972f: 253; Strohmeier 1912a: 24–27, 1912c: 21, 1914c: 42.
- pseudocamerunus** Numberg 1958b: 47. Syntypes 2 ♀; Kasenya [Congo], N. Rhodesia; 1 in MRCB, Tervuren, 1 in IZW, Warsaw.
Distribution: Africa (South Africa/ Zaïre/ Zambia/ Zimbabwe).
References: (**ds**) Beaver & Loytymiemmi 1955b: 120; Numberg 1966b: 19; Schedl 1972f: 255. (**tx**) Numberg 1958b: 47; Schedl 1972f: 255.
- pseudogracilis** Numberg 1969b: 198. Holotype ♀; Nord-Nigerien, Gyel Nyaki; BMNH, London.
Distribution: Africa (Nigeria).
References: (**ds**) Schedl 1972f: 255. (**tx**) Numberg 1969b: 198; Schedl 1972f: 255.
- pseudomajor** Schedl 1954e: 86. Lectotype ♂; Mpraeso [Gold Coast]; Schedl Collection in NIMW, Wien, designated by Schedl 1978a: 58.
Figures: Numberg 1966b: pl. 2, figs. 18–21.
Distribution: Africa (Cameroon/ Ghana/ Ivory Coast/ Nigeria).
Hosts: *Ficus exasperata*, *Sterculia oblonga*.
Notes: (3) Numberg 1958b: 48 (description quoted), 1966b: 33 (described female), Schedl 1972f: 254 (a subspecies of *longicollis*).
References: (**ds**) Numberg 1966b: 21; Roberts 1968: 193; Schedl 1962k: 1003, 1972c: 286, 1972f: 254; Thompson, G. H. 1963: 55. (**tx**) Browne 1970: 577; Numberg 1958b: 48, 1966b: 21, 33–34, 39; Schedl 1954e: 60–63, 86, 1962k: 1003, 1972c: 277–294, 1972f: 254, 1978a: 58.
- pseudoseverini** Numberg 1958b: 15. Holotype ♂; [Congo] Sankuru; Lodja; MRCB, Tervuren.
Figures: Numberg 1958b: pl. 6, figs. 1–8.
Distribution: Africa (Zaïre).
References: (**ds**) Schedl 1972f: 255. (**tx**) Numberg 1958b: 15; Schedl 1972f: 255.
- quinquespinatus** Numberg 1958b: 48. Holotype ♂; Congo Belge (Katanga: Lufudizi); MRCB, Tervuren.
Figures: Numberg 1958b: pl. 6, figs. 9–14.
Distribution: Africa (Zaïre).
References: (**ds**) Schedl 1972f: 255. (**tx**) Numberg 1958b: 48; Schedl 1972f: 255.
- robertsi** Numberg 1972c: 134. Holotype ♂; Nigeria; Nindam Forest Reserve; Roberts Collection.
Distribution: Africa (Nigeria).
References: (**tx**) Numberg 1972c: 134.
- severini** Strohmeier 1912a: 25. Syntypes, sex?; Kinchassa, Kongo; IPKÉ, Eberswalde.
Figures: Numberg 1958b: pl. 6, figs. 15–22.
Distribution: Africa (Zaïre).
Notes: (3) Numberg 1958b: 18 (description quoted, redescribed), Numberg 1959b: 127 (reported also as a fossil).
References: (**ds**) Numberg 1959b: 127, 1966b: 18; Schedl 1933f: 204, 1962k: 1032, 1966c: 235, 1972: 255; Spahr 1981: 79; Strohmeier 1912c: 21, 1914c: 42. (**tx**) Numberg 1958b: 18, 1959b: 127; Sampson 1924c: 132; Schedl 1933f: 204, 1941d: 422, 1962k: 1032, 1972f: 255; Strohmeier 1912a: 25–28, 1912c: 21, 1914c: 42.
- signatus** Strohmeier 1912a: 25. Syntypes ♂ ♀; Kamerun: IPKÉ, Eberswalde.
Figures: Numberg 1958b: pl. 7, figs. 1–5.
Distribution: Africa (Cameroon/ Zaïre).
Notes: (3) Numberg 1958b: 50 (description quoted, redescribed).
References: (**ds**) Numberg 1966b: 19; Schedl 1972f: 255; Strohmeier 1912c: 21, 1914c: 42. (**tx**) Numberg 1958b: 48–50; Schedl 1962k: 1035, 1972f: 255; Strohmeier 1912a: 25, 27, 1912c: 21, 1914c: 42.
- similis** Strohmeier 1912a: 22. Syntypes ♂ ♀; Kamerun; 3♂ in Strohmeier Collection.
Figures: Numberg 1958b: pl. 7, figs. 6–8, 1966b: pl. 1, figs. 9, 11–13.
Distribution: Africa (Cameroon/ Ghana/ Zaïre).
Hosts: *Bolboeranius bicolor*, *Isoloma bruncei*, *Scorodophloeus zenkeri*.
Notes: (3) Numberg 1958b: 51 (description quoted), 1966: 24 (described female), Schedl 1972f: 253 (a subspecies of *excisus*).
References: (**ds**) Browne 1980b: 382; Numberg 1966b: 19; Schedl 1962k: 1029, 1966c: 234, 1972c: 286, 1972f: 253; Strohmeier 1912c: 21, 1914c: 42. (**tx**) Numberg 1958b: 51, 1966b: 19, 24–25, 37; Schedl 1935e: 174, 1962k: 1029, 1972f: 253; Strohmeier 1912a: 22–27, 1912c: 21, 1914c: 42.

subcircularis Schedl 1941d: 421. Syntypes 2♂, 1♀; Congo Belge: Stanleyville; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaire).

Notes: (3) Numberg 1958b: 20 (description quoted).

References: (ds) Schedl 1962k: 1031, 1972f: 255. (tx) Numberg 1958b: 20; Schedl 1941d: 421, 1962k: 1031, 1966c: 239, 1972f: 255, 1975a: 70.

subrobustus Schedl 1957d: 149. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.

Figures: Numberg 1958b: pl. 7, figs. 17–20.

Distribution: Africa (Ghana/ Nigeria/ Uganda/ Zaire).

Hosts: *Afrostyrax lepidophyllus*, *Anonidium manuii*, *Beilschmiedia gilbertii*, *Macaranga* cf. *lancifolia*, *Maesopsis eminii*, *Mitragyne* sp., *Scorodophloeus zenkeri*.

Notes: (3) Schedl 1972f: 253 (treated as a subspecies of *cacisus*).

References: (ds) Mayne & Donis 1960: 98, 1962: 280; Schedl 1962k: 1027, 1972e: 286, 1972f: 253. (tx) Numberg 1958b: 51; Schedl 1957d: 149, 1962k: 1027, 1972f: 253, 1975a: 71.

substriatus Strohmeier 1912a: 23. Syntypes ♂♀; Kamerun: IPKE, Eberswalde.

Figures: Numberg 1958b: pl. 7, figs. 9–16.

Distribution: Africa (Cameroon/ Fernando Po/ Ghana/ Nigeria/ Togo/ Zaire).

Hosts: *Albizzia zygia*, *Drypetes gossweileri*, *Napoleana imperialis*, *Pancovia harmsiana*, *P. laurentii*, *Polyalthia suarcolens*, *Synsepalum subcordatum*, *Terminalia ivorensis*, *Xylopia aethiopia*.

Notes: (3) Numberg 1958b: 52 (description quoted). Schedl 1972f: 253 (a subspecies of *cacisus*).

References: (hb) Thompson, G. H. 1963: 55. (ds) Mayne & Donis 1960: 98, 1962: 280; Numberg 1966b: 21, 1968b: 374; Roberts 1968: 374; Schedl 1933f: 205, 1972e: 286, 1972f: 253; Strohmeier 1912c: 21, 1914c: 42; Thompson, G. H. 1963: 55. (tx) Numberg 1958b: 52; Schedl 1933f: 205, 1937d: 44, 1954e: 48, 60, 65, 71, 1962k: 1026, 1972f: 253; Strohmeier 1912a: 20, 23, 27, 1912c: 21, 1914c: 42.

suturalis Browne 1972c: 101. Holotype ♂; Central African Republic: Bambari; MRCB, Tervuren.

Figures: Browne 1972c: 102.

Distribution: Africa (Central African Republic).

References: (tx) Browne 1972c: 101–102.

titschaki Schedl 1935e: 154. Lectotype ♂; Deutsch E. Africa: Amani; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 74.

Figures: Numberg 1958b: pl. 7, fig. 24.

Distribution: Africa (Tanzania).

Notes: (3) Numberg 1958b: 52 (description quoted). Schedl 1957d: 147 (described female).

References: (ds) Schedl 1962k: 1034, 1972f: 255. (tx) Numberg 1958b: 52, 1966b: 25; Schedl 1935e:

154, 1937d: 44, 1939b: 390, 403, 1957d: 147–148, 1962k: 1034, 1972f: 255, 1975a: 74.

triquetrus Schedl 1941d: 423. Holotype ♂; Congo Belge: Likimi, Bondia, Monveda; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaire).

Notes: (3) Numberg 1958b: 53 (description quoted). Schedl 1972f: 253 (a subspecies of *cacisus*).

References: (ds) Schedl 1972f: 253. (tx) Numberg 1958b: 53; Schedl 1941d: 423, 1972f: 253, 1975a: 75.

truncatellus Schedl 1957d: 148. Holotype ♂; Congo Belge: Kinclassa; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaire).

References: (ds) Schedl 1972f: 255. (tx) Schedl 1957d: 148, 1962k: 1036, 1972f: 255, 1975a: 75.

truncatiformis Schedl 1941d: 422. Holotype ♂; Congo; Schedl Collection in NHMW, Wien.

Distribution: Africa (Senegal/ Zaire).

Notes: (3) Numberg 1958b: 20 (description quoted). A note in the Schedl Collection says this is a synonym of *collaticus* [confirmation needed]. References: (ds) Schedl 1972f: 255. (tx) Numberg 1958b: 20; Schedl 1941d: 422, 1950d: 5, 1962k: 1032, 1972f: 255, 1975a: 75.

plauifrons Schedl 1941d: 423. Holotype ♀; Casamance [Senegal]; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1972f: 255. Notes: (3) Numberg 1958b: 15 (description quoted).

References: (tx) Numberg 1958b: 15; Schedl 1941d: 422–423, 1972f: 255, 1975a: 55.

truncatipennis Schedl 1966c: 239. Holotype ♂; Republique du Congo, Dimonika; MNHN, Paris.

Distribution: Africa (Congo/ Zaire).

References: (ds) Schedl 1972f: 255. (tx) Schedl 1966c: 239, 1972f: 255.

truncatus Schedl 1936b: 135. Lectotype ♂; Belgisch Kongo, Likimi; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 76.

Figures: Numberg 1958b: pl. 7, figs. 21–23.

Distribution: Africa (Equatorial Guinea/ Zaire).

Notes: (3) Numberg 1958b: 21 (description quoted). References: (ds) Schedl 1962k: 1031, 1971f: 196, 1972f: 255. (tx) Numberg 1958b: 21; Schedl 1936b: 135–136, 1950d: 5, 1962k: 1031, 1037, 1972f: 255, 1975a: 76.

Genus *Chaetastus* Numberg

CHAETASTUS NUMBERG 1953: 44. Type-species: *Symmercus tuberculatus* Chapuis, automatic.

Symmercus Chapuis 1865: 42, 319. Type-species: *Symmercus tuberculatus* Chapuis, monobasic, preoccupied by Walker 1845.

References: (tx) Browne 1972a: 179; Chapuis 1865: 319–321; Hopkins 1914: 136, 1915c: 227; Lacordaire 1866: 389, 395; Numberg 1953: 44; Sampson 1924: 133; Schedl 1933f:

203, 1936e: 62, 1937d: 44, 1939b: 390–401, 1956d: 145; Strohmeier 1911d: 218, 1912c: 21, 1914: 12–44, 1920: 1–46.

Keys: Browne 1971: 11.

References: (**hb**) Browne 1971c: 8; (**ds**) Browne 1971c: 8; (**tx**) Browne 1971c: 8, 1972a: 179; Numberg 1953: 44; Schedl 1960c: 62, 1962k: 1039.

diversifrons Browne 1971b: 19. Holotype ♂; Uganda: Ruwenzori Forest: BMNH, London.

Figures: Browne 1971b: 13.

Distribution: Africa (Uganda).

Hosts: *Mitragyna stipulosa*, *Olea hochstetteri*, *Pygeum africanum*.

References: (**ds**) Schedl 1972f: 127, (**tx**) Browne 1971b: 13–19; Schedl 1972f: 127.

fradei (Tordo) 1966: 16 (*Symmerus*). Syntypes?: Silva Porto, Angola; not seen.

Figures: Tordo 1966: 16.

Distribution: Africa (Angola).

References: (**tx**) Tordo 1966: 16.

montaus Schedl 1957d: 145. Holotype ♂; Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren.

Distribution: Africa (Brundi/ Kenya/ Nigeria/ Ruanda/ Tanzania/ Uganda/ Zaïre).

Hosts: Browne 1971: 17 and Schedl 1962k: 1051–1052 (many hosts listed).

Notes: (3) Browne 1971c: 16 (re-described).

References: (**bv**) Jones 1960c: 231, (**cn**) Curry 1955b: 128–132, (**ds**) Browne 1971c: 16; Gardner 1957a: 30, 1957b: 204; Jones 1960: 3; Mayne & Donis 1962: 288; Roberts 1960: 241, 1962: 1050, 1965: 193; Schedl 1962k: 1050, 1972f: 128, (**tx**) Browne 1971c: 16; Powell, W. 1987: 27; Schedl 1955f: 261, 1955i: 213–214, 1957d: 145–146, 1962h, 1962k: 1050, 1972f: 128, 1975a: 45.

persimilis (Schedl) 1933f: 203 (*Symmerus*). Lectotype ♂; Haut-Uele; Adra, Congo-Kinshasa; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 54.

Figures: Schedl 1962k: 1048 (male).

Distribution: Africa (Cameroon/ Congo/ Fernando Po Island/ Gabon/ Nigeria/ Ruanda/ Sao Tome Island/ Zaïre).

Hosts: *Combretodendrum macrophyllum*, *Diospyros crassiflora*, *Garcinia polyantha*, *Pycnanthus angolensis*, *P. kombo*, *Staudtia stipitata*, *Strombosia glaucescens*, *Tridesmostemon classensii*.

References: (**cc**) Schedl 1962k: 1048, (**ds**) Browne 1971c: 15, 1980b: 352; Mayne & Donis 1962: 288; Roberts 1968: 193, 1969: 103; Schedl 1933f: 203, 1962k: 1123, 1972f: 128, (**tx**) Browne 1971c: 15; Schedl 1933f: 203–204, 1936e: 62, 1952i: 60–62, 1955f: 261, 1957d: 146, 1962h: 60–61, 1962k: 1048, 1972f: 128, 1975a: 54.

striatus Browne 1986b: 334. Holotype ♂; Cameroon: Douala to Nagoya (Japan), imported; BMNH, London.

Distribution: Africa (Cameroon).

Hosts: *Paraberlina bifoliolata* log.

References: (**tx**) Browne 1986b: 334.

subalpinus (Schedl) 1957d: 146 (*Symmerus*). Holotype ♂; Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: *Anthoecleista nobilis*.

Notes: (3) Browne 1971: 18 (re-described).

References: (**cc**) Schedl 1962k: 1050, (**ds**) Browne 1971c: 18, (**tx**) Browne 1971c: 18; Schedl 1957d: 145–146, 1962k: 1050, 1972f: 128, 1975a: 69.

tuberculatus (Chapuis) 1865: 321 (*Symmerus*). Holotype ♂ (Schedl 1960: 62); Guinee, Coll. de M. Thomson; IRSNB, Brussels.

Figures: Browne 1971c: 9, Schedl 1962k: 1040 (male).

Distribution: Africa (Angola/ Cameroon/ Central African Republic/ Congo/ Equatorial Guinea/ Fernando Po Island/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Kenya/ Nigeria/ Ruanda/ Sao Tome Island/ Sierra Leone/ Tanzania/ Togo/ Uganda/ Zaïre/ Zambia).

Hosts: Browne 1971c: 14 and Schedl 1962k: 1043–1046 (many hosts listed).

References: (**bv**) Jones 1960c: 231; Loytyniemi, Beaver, & Loytyniemi 1955: 28; Meixner 1937: 1218, (**cn**) Duffy 1956: 198; Thompson, G. H. 1959b: 420, (**cc**) Roberts 1969a; Schedl 1962k: 1040, (**hb**) Anonymous 1959i: 18; Beaver & Loytyniemi 1955b: 114; Browne 1963a: 248; Loytyniemi, Beaver, & Loytyniemi 1955: 28; Schedl 1962k: 1040, (**ds**) Beaver & Loeytyniemi 1955b: 114; Browne 1963a: 248, 1971c: 12, 1972c: 99, 1980a: 373, 1980c: 485; Cachan 1957: 15; Cola 1971, 1973; Ferreira 1965: 1135; Gardner 1957a: 30, 1957b: 205; Gemminger & Harold 1872: 2702; Jones 1960: 3; Jones, Roberts, & Baker 1959: 13–55; Lacordaire 1866: 395; Mayne & Donis 1960: 100, 1962: 289; Menier 1973a; Roberts 1960b: 35–37, 1960e, 1960f, 1968: 193, 1969: 103–104; Schedl 1933f: 203, 1959p: 23, 1962h: 61, 1962k: 1040, 1964f: 620, 1966c: 235, 1967e: 222, 1971e: 4, 1971g: 194, 1972e: 286, 1972f: 129; Strohmeier 1911f: 204, 1912c: 21; Thompson, G. H. 1959b: 420, 1963: 35; Webb & Jones 1957: 36, 41, (**tx**) Browne 1971c: 12, 19, 1972a: 179; Chapuis 1865: 321–322; Hopkins 1914: 130, 136; Lacordaire 1866: 395; Lucas 1920: 621; Meixner 1937: 1218; Powell, W. 1987: 27; Sampson 1924c: 133; Schedl 1933f: 203–204, 1936e: 62, 1937b: 407, 1937d: 44, 1939b: 391, 1941d: 381, 1941e: 156, 1950d: 5, 1953g: 245, 1954d: 874, 1954e: 48, 60–71, 1955d: 271, 1955f: 261, 1960c: 62, 1962k: 1040, 1972f: 129; Strohmeier 1911f: 203–204, 1911g: 232, 1912c: 21, 1914: 5, 7, 44, 1920: 16, (**ms**) Lucas 1920: 621.

tuberculatus robustus Schedl 1952i: 62 (*Symmerus*). Holotype ♂; Congo Belge, Yangambi;

MRCB, Tervuren. Synonymy: Browne 1971c: 12.

References: (**ds**) Mayne & Donis 1960: 100,

1962: 290; Schedl 1962k: 1047, 1972f: 129. (tx) Browne 1971c: 12; Schedl 1952i: 62, 1962k: 1047, 1972f: 129, 1978a: 76.

Genus *Cenocephalus* Chapuis

CENOCEPHALUS CHAPUIS 1865: 325. Type-species: *Cenocephalus thoracicus* Chapuis, monobasic.

Notes: (1) This genus is endemic to tropical America. References: (tx) Chapuis 1865: 325, 327; Numberg 1963c: 109; Schedl 1939b: 401, 1960c: 62; Ströhmeyer 1911c: 105, 107.

epistomalis Wood 1966a: 47. Holotype ♀; Mile 10 on Bartica-Potaro road, British Guiana; BMNH, London.

Figures: Wood 1966a: 47.

Distribution: South America (Guyana).

References: (ds) Equihua & Atkinson 1987: 18; Schedl 1972f: 130, (tx) Equihua & Atkinson 1987: 18; Schedl 1972f: 130; Wood, S. L. 1966a: 47.

flexibilis (Schedl) 1936c: 249 (*Tesserocranulus*). Holotype ♀; Brazil or Guayana; Schedl Collection in NHMW, Wien.

Distribution: South America (Cayenne/Suriname).

References: (ds) Blackwelder 1947: 791; Schedl 1972f: 123, (tx) Reichardt 1964: 149; Schedl 1936c: 249, 1972f: 123.

° *hurdi* Schedl 1962g: 1037. Holotype ♂; Mexican amber, Miocene, Simojovel, U.C.M.P. no. 12976, loc. B-7456 (late Oligocene or early Miocene); University of California Museum of Paleontology, Berkeley.

Figures: Schedl 1962g: 1036.

Distribution: North America (fossil in Mexican amber).

References: (cn) Hosking 1989, (ds) Keilbach 1982: 256; Schedl 1972f: 130; Spahr 1981: 79, (tx) Schedl 1962g: 1036–1037, 1972f: 130, (ms) Keilbach 1982: 256.

lalolaensis Numberg 1963c: 107. Holotype ♀; Finca La Lola, Limon Prov., Costa Rica; University of Wisconsin Collection, Madison.

Distribution: North America (Costa Rica), South America (Brazil).

Notes: (1) This female remains unidentifiable at the present time.

References: (ds) Equihua & Atkinson 1987: 791; Schedl 1970e: 88, (tx) Numberg 1963c: 107; Schedl 1972f: 79.

ornatus (Schedl) 1936c: 250 (*Tesserocranulus*). Holotype ♀; Brazil; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil/Cayenne).

References: (ds) Blackwelder 1947: 791, (tx) Schedl 1936c: 250, 1972f: 123, 1978a: 50.

pulchellus Schedl 1935e: 152. Holotype ♀; Guyana; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil/ Guyana/ Suriname).

References: (ds) Blackwelder 1947: 791, (tx) Schedl 1935e: 152, 1972f: 130, 1978a: 59; Wood, S. L. 1966a: 47.

pulchellus minor Schedl 1961i: 233. Holotype ♀; Surinam, Moengo, Boven, Cottica R.; Cornell University Collection, Ithaca, New York.

Notes: (3) Schedl 1970e: 110, 1972g: 83–84 (described male; listed as a species).

References: (ds) Schedl 1960a: 79, 1970e: 88, 1970f: 582, 1972f: 130, 1972g: 51, (tx) Schedl 1961i: 233, 1970e: 110, 1972f: 130, 1972g: 83–84, 1978a: 59.

pusillus Schedl 1936c: 250. Lectotype ♂; French Guyana: Nouveau Chantier, St. Jean du Maroni; Schedl Collection in NHMW, Wien.

Distribution: South America (Cayenne).

References: (ds) Blackwelder 1947: 791; Schedl 1972f: 130, (tx) Schedl 1935b: 400, 1936c: 250, 1952d: 365, 1972f: 130, 1978a: 59.

° *quadrilobus* Schedl 1962g: 1037. Holotype ♂; Mexican amber, late Oligocene to Miocene, Simojovel, Chiapas, U.C.M.P. no. 12877, loc. B-4117; University of California Museum of Paleontology, Berkeley.

Distribution: North America (fossil in Mexican amber).

References: (ds) Keilbach 1982: 256, (tx) Schedl 1962g: 1035–1037, 1972f: 130, (ms) Keilbach 1982: 256.

° *rhinoceroide* (Schawaller) 1981: 10 (*Mitosoma*). Holotype, sex?; Dominikanischem Bernstein (SMNS Inv. Nr. Do. 119–k-1); Staatlichen Museum für Naturkunde, Stuttgart.

Figures: Schawaller 1981: 11 (adult).

Distribution: Antilles Islands (fossil in Dominican Republic amber in Hispanola).

Notes: (3) Three species of *Cenocephalus* have been found in Dominican amber; all three appear to be the three named previously by Schedl from Mexican amber; consequently, the Schawaller type should be re-examined; synonymy is probable [SLW].

References: (ds) Spahr 1981: 79, (tx) Schawaller 1981: 10.

robustus Schedl 1966f: 128. Holotype ♂; Colombian; Schedl Collection in NHMW, Wien.

Distribution: South America (Colombia).

References: (ds) Schedl 1966f: 79, 128, 1972f: 130.

robustum Schedl 1972f: 130. Holotype ♂; Colombian; Schedl Collection in NHMW, Wien.

Notes: (1) This is an unneeded replacement name for *robustus*.

References: (tx) Schedl 1972f: 130.

rugicollis Schedl 1952d: 365. Holotype ♂; Peru; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil/ Peru).

Notes: *Eugenia* sp.

References: (ds) Schedl 1970e: 88, 1972f: 130.

- (tx) Reichardt 1964b: 59; Schedl 1952d: 365–366, 1972f: 130, 1975a: 63.
- ° **succinicaptus** Schedl 1962g: 1036. Holotype ♀; Mexican amber, late Oligocene to early Miocene, 12 km SE Sinojovel (U.C.M.P. no. 1271S loc. B-4116, Las Cruces landslide); University of California Museum of Paleontology, Berkeley. Figures: Schedl 1962g: 1036. Distribution: North America (fossil in Mexican amber). References: (ds) Keilbach 1982: 256; Spahr 1981: 79. (tx) Schedl 1962g: 1036, 1972f: 130. (ms) Keilbach 1982: 256.
- thoracicus** Chapuis 1865: 327. Syntypes: Bresil: Rio-Janeiro, Ste-Catherine; BMNH, London. Distribution: South America (Brazil). References: (ds) Blackwelder 1947: 791; Gemminger & Harold 1872: 2702; Lacordaire 1866: 397; Santoro 1957b: 26; Schedl 1933c: 163–164, 1967d: 5; Strohmeier 1912c: 22, 1914c: 45. (tx) Chapuis 1865: 327–329; Hopkins 1914: 117; Lacordaire 1866: 397; Schedl 1935e: 152, 1937d: 44, 1972f: 130; Strohmeier 1912c: 22, 1914c: 45.
- Genus *Mitosoma* Chapuis
- MITOSOMA** CHAPUIS 1865: 43, 322. Type-species: *Mitosoma crenulata* Chapuis, monobasic.
- Platypicrus** Numberg 1953: 46. Type-species: *Platypicrus hamatus* Numberg, monobasic. Synonymy: Schedl 1972f: 124. References: (tx) Numberg 1953: 44, 1963d: 357; Schedl 1957b: 159, 1972f: 124.
- Coccephalonus** Schedl 1965c: 84. Type-species: *Coccephalonus sulcipennis* Schedl, original designation. Synonymy: Schedl 1972f: 124. References: (tx) Schedl 1965c: 84, 1972f: 124. Notes: (3) This genus is endemic to Madagascar. References: (tx) Chapuis 1865: 324; Hopkins 1914: 125, 133, 1915c: 227; Lacordaire 1866: 395; Numberg 1953: 44–46; Schaufuss 1897: 223, 1905: 19; Schedl 1935n: 633, 1936e: 62, 1939b: 401, 1960e: 62, 1961e: 160, 1962k: 1035, 1972f: 124–130, 1977b: 256–267; Strohmeier 1911c: 104, 1911d: 218, 1912c: 22, 1914c: 13–19, 44–46, 1918: 1–46.
- accuratum** Schaufuss 1897: 224. Holotype ♂; Madagascar (Sikora mm. 91); Hamburg Museum, lost. Distribution: Madagascar. Hosts: *Chrysophyllum boivianum*. Notes: (3) Schedl 1965c: 79 (described female). References: (ds) Allnand 1900: 441; Schedl 1972f: 127, 1977b: 258; Strohmeier 1912c: 22. (tx) Schaufuss 1897a: 223–224; Schedl 1936e: 62, 1961e: 162, 1965c: 79, 1972f: 127, 1977b: 257–258, 1975a: 9; Strohmeier 1912c: 22, 1914c: 46, 1918: 16, 21.
- ampliatum** Schedl 1965c: 80. Holotype ♂; Madagascar: Sambava; Schedl Collection in NHMW, Wien. Distribution: Madagascar. References: (ds) Schedl 1972f: 127. (tx) Schedl 1972f: 127, 1965c: 80, 1975a: 10.
- chapuisi** Strohmeier 1911g: 233. Syntypes ♂ ♀; Madagascar: IRSNB, Brussels, NHR, Stockholm, IPKE, Eberswalde. Distribution: Madagascar. References: (cc) Fuller 1958: 100. (ds) Schedl 1972f: 127; Strohmeier 1912c: 22, 1914c: 46. (tx) Schedl 1972f: 127; Strohmeier 1911c: 104–105, 1911g: 233, 1912c: 22, 1914c: 46.
- crenulatum** Chapuis 1865: 324. Syntypes 2 ♂; Madagascar: MNHN, Paris. Distribution: Madagascar. Hosts: *Canarium boivin*, *Ficus soroccooides* var. *macrophlebia*. Notes: (3) Schedl 1961e: 158 (described female). References: (ay) Menier 1976: 348. (bv) Menier 1976: 348. (hb) Schedl 1977b: 258. (ds) Allnand 1900: 441; Fairmaire 1892b; Gemminger & Harold 1872: 2702; Lacordaire 1866: 396; Schedl 1970d: 234, 1972f: 127, 1977b: 258; Strohmeier 1912c: 22, 1914c: 46. (tx) Chapuis 1865: 324; Fairmaire 1892b; Hopkins 1914: 125, 133; Lacordaire 1866: 396; Lucas 1920: 421; Schaufuss 1890: 38, 1897a: 224; Schedl 1960c: 62, 1961e: 158, 1970d: 234, 1972f: 124, 127, 1977b: 258, 1975a: 22; Strohmeier 1912c: 22, 1914c: 46. (ms) Lucas 1920: 421.
- dispar** Schedl 1961e: 160. Madagascar, Montagne d'Ambre; IRSM, Madagascar. Distribution: Madagascar. Hosts: *Ficus soroccooides* var. *macrophlebia*. References: (ds) Schedl 1972f: 127, 1977b: 260. (tx) Schedl 1961e: 160, 1972f: 127, 1977b: 260, 1975a: 25.
- excisum** Schaufuss 1897a: 224. Holotype ♂; Madagascar, Antananarive (Schedl 1977b: 260); Hamburg Museum, lost. Distribution: Madagascar. Hosts: *Aphloia theaeformis*, *Chrysophyllum boivianum*, *Dracaena* sp., *Elaeocarpus* sp., *Ficus soroccooides* var. *macrophlebia*, *Macpher-sonia* cf. *madagascariensis*, *Ocotea* sp., *Pinus insularis*, *P. patula*, *Pittosporum* sp., *Terminalia* sp., *Tricocodendron acuminatum*. Notes: (3) Schedl 1961e: 162 (described female). References: (ds) Allnand 1900: 441; Schedl 1970d: 234, 1972f: 128, 1977b: 260; Strohmeier 1912c: 22, 1914c: 46. (tx) Schaufuss 1897a: 223–224; Schedl 1961e: 162, 165, 1970d: 234, 1972f: 128, 1977b: 260, 1975a: 29; Strohmeier 1912c: 22, 1914c: 46.
- hamatus** (Numberg) 1953: 49 (*Platypicrus*). Holotype ♀; Central Madagascar, district Moramanga, Perinet; IZW, Warsaw.

- Distribution: Madagascar.
Notes: (3) Schedl 1971e: 17 (described female).
References: (ds) Schedl 1972f: 128. (tx) Nunberg 1953: 49–51, 1963d: 357; Schedl 1952b: 159, 1957b: 159, 1971e: 17, 1972f: 128, 1978a: 34.
- lobatum** Schedl 1961e: 163. Holotype ♂; Madagascar. Perinet; IRSM, Madagascar.
Distribution: Madagascar.
Hosts: *Cedrela* sp., *Dalbergia pterocarpifolia*, *Foetidia chvisioides*, *Carcinia verrucosa*, *Leptolaena multiflora* var. *cuspidata*, *Symphonia* sp.
References: (ds) Schedl 1970d: 235, 1972f: 128, 1977b: 261. (tx) Schedl 1961e: 163, 1970d: 235, 1972f: 128, 1977b: 261, 1978a: 41.
- mirabile** Nunberg 1967a: 332. Holotype ♀; Madagascar (foret de Fito); MRCB, Tervuren.
Figures: Nunberg 1967a: 339.
Distribution: Madagascar.
References: (tx) Nunberg 1967a: 332, 339.
- nigrum** Schaufuss 1893: 621. Holotype ♂; Madagascar; Hamburg Museum, lost.
Distribution: Madagascar.
References: (ds) Alluaud 1900: 441; Fairmaire 1892b; Schedl 1972f: 128, 1977b: 262; Strohmeier 1912c: 22, 1914c: 46. (tx) Fairmaire 1892b; Schaufuss 1890: 621, 1897a: 223, 1905: 19; Schedl 1972f: 128, 1977b: 262; Strohmeier 1912c: 22, 1914c: 46.
- obconiceps** Schedl 1970d: 238. Holotype ♂; Madagascar, Perinet; Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
Hosts: *Cedrela* sp., *Commiphora* sp., *Dalbergia* sp., *Erythroxylon* sp., *Pinus insularis*, *Ravensara* sp., *Rhodobaena bakeriana*.
References: (ds) Schedl 1970d: 235, 1972f: 128, 1977b: 263. (tx) Schedl 1965c: 83, 1970d: 235, 238, 1972f: 128, 1977b: 263, 1978b: 48.
- obliquatum** Schedl 1961e: 164. Holotype ♂; Madagascar, Perinet, Betsatsakry, Antaniditra pres Perinet; IRSM, Madagascar.
Distribution: Madagascar.
Hosts: *Cedrela* sp., *Chrysophyllum boivinianum*, *Dalbergia* sp., *Erythroxylon* sp., *Eucalyptus* sp., *Ocotea* sp., *Pinus insularis*, *Rhodobaena bakeriana*, *Symphonia* sp., *Trichilia* sp., *Uapaca* sp.
References: (ds) Schedl 1970d: 235, 1972f: 128, 1977b: 264. (tx) Schedl 1961e: 164, 1965c: 80, 1972f: 128, 1977b: 264, 1978a: 48.
- obtusum** Schedl 1961e: 165. Holotype ♂; Madagascar, Perinet, Betsatsakry pres Perinet; IRSM, Madagascar.
Distribution: Madagascar.
Hosts: *Cussonia vantsilana*, *Dalbergia* sp., *Leptolaena multiflora*, *Symphonia* sp.
References: (ds) Schedl 1970d: 235, 1972f: 128, 1977b: 265. (tx) Schedl 1961e: 165, 1972f: 128, 1977b: 265, 1978a: 49.
- octospinosum** Schedl 1970d: 239. Holotype ♂; Madagascar, Bemampidy; MNHN, Paris.
Distribution: Madagascar.
Hosts: *Manloutchia* sp.
References: (ds) Schedl 1972f: 128, 1977b: 265. (tx) Schedl 1970d: 239, 1972f: 128, 1977b: 265, 1978a: 49.
- odonticeps** Schedl 1961e: 159. Holotype ♂; Madagascar, Perinet; IRSM, Madagascar.
Distribution: Madagascar.
Hosts: *Ravensara pervillei*, *R. polypneura*, *Ravensara madagascarensis*, *Sylocroxydon* sp., *Trichilia* sp.
References: (ds) Schedl 1972f: 128, 1977b: 266. (tx) Schedl 1961e: 159, 1970d: 235, 1972f: 128, 1977b: 266, 1978a: 49.
- paulianum** Schedl 1950h: 111. Lectotype ♂; Madagascar, Manjakatampo; Schedl Collection in NHMW, Wien.
Figures: Schedl 1962k: 1038 (male).
Distribution: Madagascar, South Africa.
Hosts: *Chrysophyllum boivinianum*, *Elacocarpus* sp., *Ficus* sp., *Mespilodaphne* sp., *Rhodobaena bakeriana*, *Symphonia* sp., *Tricocodendron acuminatum*.
Notes: (3) Schedl 1961e: 166 (described female).
References: (ay) Menier 1976: 348. (bv) Menier 1976: 348. (ds) Schedl 1972f: 128, 1977b: 267. (tx) Schedl 1950h: 111, 1961e: 166, 1962k: 1038, 1972f: 128, 1977b: 267, 1978a: 52.
- planum** Schaufuss 1897a: 224. Holotype ♂; Madagascar (Sikora num. 91.); Hamburg Museum, lost.
Distribution: Madagascar.
References: (ds) Alluaud 1900: 441; Schedl 1972f: 128, 1977b: 268; Strohmeier 1912c: 22, 1914c: 46. (tx) Schaufuss 1897a: 223–224, 1905: 19; Schedl 1972f: 128, 1977b: 268; Strohmeier 1912c: 22, 1914c: 46.
- robustum** Schaufuss 1890: 623. Holotype ♂; Madagascar; Hamburg Museum, lost.
Distribution: Madagascar.
References: (ds) Alluaud 1900: 441; Fairmaire 1892b; Schedl 1972f: 128, 1977b: 268; Strohmeier 1912c: 22, 1914c: 46. (tx) Fairmaire 1892b; Schaufuss 1890: 623, 1897a: 223; Schedl 1972f: 128, 1977b: 268; Strohmeier 1912c: 22, 1914c: 46.
- rugosum** Schaufuss 1905: 11. Holotype ♂; Madagascar; Hamburg Museum, lost.
Distribution: Madagascar.
References: (ds) Schedl 1972f: 128, 1977b: 268. (tx) Schaufuss 1905: 11; Schedl 1972f: 128, 1977b: 268.
- sexspinosum** Schedl 1961e: 160. Holotype ♂; Madagascar, Montagne d'Ambre, Plateau 1100 m; IRSM, Madagascar.
Distribution: Madagascar.
Hosts: *Canarium* sp., *Didymelus* sp., *Ekbergia suavis*, *Elacocarpus* sp., *Eugenia* sp., *Ficus* sp.

- References: **(ds)** Schedl 1972f: 128, 1977b: 269. **(tx)** Schedl 1961e: 160, 1972f: 128–129, 1977b: 269–270, 1978a: 66.
- sulcipennis** (Schedl) 1965c: S4 (*Coccephalophonus*). Holotype, sex?: Madagascar, Perinet; Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
Notes: (3) Schedl 1979j: 130 (described male).
References: **(ds)** Schedl 1972f: 129, 1977b: 270. **(tx)** Schedl 1965c: S4–S5, 1971e: 17, 1972f: 129, 1977b: 270, 1978a: 72, 1979j: 130.
- suspica** Schedl 1970d: 239. Holotype ♂; Madagascar, Sahafanjana (Manambato), Anove; IRSM, Madagascar.
Distribution: Madagascar.
Hosts: *Mauloutchia* sp.
References: **(ds)** Schedl 1972f: 129, 1977b: 270. **(tx)** Schedl 1970d: 239–240, 1972f: 129, 1977b: 270, 1978a: 72.
- thoracicum** Schedl 1965c: 80. Holotype ♂; Madagascar, Sambava; Schedl Collection in NHMW, Wien.
Figures: Schedl 1972f: 129 (male).
Distribution: Madagascar.
References: **(ds)** Schedl 1972f: 73. **(tx)** Schedl 1960c: 62, 1965c: 80, 1972f: 129–130, 1977b: 270, 1978a: 73.
- umbonatum** Schedl 1972f: 130. Holotype ♂; Madagascar, Sambava; Schedl Collection in NHMW, Wien, automatic.
Notes: (1) This is an unneeded replacement name.
- References: **(ds)** Schedl 1972f: 130. **(tx)** Schedl 1972f: 130.
- truncatipennis** Schedl 1961e: 162. Holotype ♀; Madagascar, Perinet, Scierie; IRSM, Madagascar.
Distribution: Madagascar.
Hosts: *Eucalyptus robusta*, *Ravensara* sp., *Trichilia* sp.
Notes: (3) Schedl 1965c: S1 (described male).
References: **(ds)** Schedl 1970d: 235, 1972f: 129, 1977b: 271. **(tx)** Schedl 1961e: 162, 1965c: S1, 1970d: 235, 1972f: 129, 1977b: 271, 1978a: 75.
- truncatipennis tavolae** Schedl 1965c: S2. Holotype ♂; Madagascar, Betsatsaky bei Perinet; Schedl Collection in NHMW, Wien.
References: **(hb)** Schedl 1977b: 271. **(ds)** Schedl 1972f: 129. **(tx)** Schedl 1965c: S2, 1972f: 129, 1977b: 271, 1978a: 76.
- truncatum** Schedl 1965c: S2. Holotype ♂; Madagascar, Kahlischlag in Betsatsaky bei Perinet; Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
References: **(ds)** Schedl 1972f: 129, 1977b: 272. **(tx)** Schedl 1965c: S2–S3, 1972f: 129, 1977b: 272, 1978a: 76.
- vulpinum** Schedl 1965c: S3. Holotype ♂; Madagascar, Perinet; IRSM, Madagascar.
Distribution: Madagascar.
Hosts: *Cussonia vantsilana*.
References: **(ds)** Schedl 1972f: 130, 1977b: 272. **(tx)** Schedl 1965c: S3, 1972f: 130, 1977b: 272, 1978a: 81.

Subfamily Platypodinae Erichson

See also the citations of Family Platypodidae

Platypodinae

References: Handlirsch 1925: 692; Hopkins 1915c: 227; Lucas 1920: 50; Schedl 1972f: 83, 113; Strohmeier 1912c: 4.

Tribe Platypodini Erichson

Platypodariae

References: Strohmeier 1914b: 18.

Platypodini

References: Lucas 1920: 50; Schedl 1939b: 396.

Crossotarsariae

References: Strohmeier 1914b: 18.

Crossotarsini

References: Schedl 1939b: 397, 401.

Crossotarsinae

References: Schedl 1972f: 83.

Genus *Platypus* Herbst

PLATYPUS HERBST 1793: 128. Type-species: *Bostrichus cylindrus* Fabricius, monobasic.

Cylindra Illiger 1825: 87. Type-species: *Cylindra platypus* Illiger = *Bostrichus cylindrus* Fabricius, monobasic. Synonymy: Chapuis 1865: 97.

References: (tx) Bedel 1888b: 404; Chapuis 1865: 97; Illiger 1825: 87; Swaine 1909: 84; Wood, S. L. 1979a: 1.

Stenoplatypus Strohmeier 1914c: 35. Type-species: *Crossotarsus spinulosus* Strohmeier, subsequent designation by Wood 1992a: 90. Synonymy: Schedl 1939: 398.

References: (tx) Browne 1961c: 216, 1972a: 181; Kalshoven 1960: 31–50; Schedl 1939b: 398, 1972f: 215; Strohmeier 1914c: 35; Wood, S. L. 1979a: 1, 1992a: 90.

Platypinus Schedl 1939b: 397. Type-species: *Platypus curtus* Chapuis, subsequent designation by Wood 1992a: 90. Synonymy: Wood 1979a: 1.

References: (tx) Schedl 1939b: 397; Wood, S. L. 1979a: 1, 1992a: 90.

Austroplatypus Browne 1971a: 49. Type-species: *Platypus incompertus* Schedl, original designation. Synonymy: Wood 1993: (in preparation).

References: (hb) Schedl 1972f: 269–272. (ds) Schedl 1972f: 269–272. (tx) Browne 1971a: 49–50, 1972a: 180; Schedl 1972f: 269.

Keys: Chapuis 1865 (worldwide), Blandford 1894d: 133 and Nobuchi 1973b: 8 (Japan), Blandford 1895b: 91 (Mexico and Central America), for generic groups Schedl 1972f: 169–183, Strohmeier 1914c, Wood ex 1993.

Notes: (3) A major generic revision of Platypodidae was prepared by me after this catalog was complete, but before it was published, in which more than half of the species of *Platypus* were transferred elsewhere. Only a small fraction of those changes are found in this catalog, i. e., *Platyscapulus* and *Treptoplatypus*. The generic revision is expected to be published in 1993 (SIW).

References: (ay) Fuchs 1912: 5–7, 14–33; Gardner 1932: 1–9; Strohmeier 1918: 1–46. (cn) Barbey 1901: 115; Beeson 1916: 1–5, 1918: 114–124; Bennett 1958: 1–35; Blackman 1950: 300, 341–342; Catoni 1921: 21–25; Chamberlin 1918: 34–35, 1958: 33–34; Chellman 1958: 3, 8–9; Curry 1958: 128–132; Dorsey & Leach 1956: 222; Dourojeanni 1965: 9–32; Ferguson, Gibbs, & Thatcher 1960: 27–29; Fisher, Thompson, & Webb 1954: 1–21; Fonseca, Pinto da 1934: 263–289; Froggatt 1926: 359–382; Greene & Ulrich 1931: 227–282; Hagle et al. 1987: 39; Johnson 1958: 508–511; Kelsev 1947: 65–100; Maas 1921: 1–12; Mayne 1917: 1–80; Menzel 1923: 3; Roughley & Welch 1931: 1–27; Sheppard 1925: 50–54; Shuckard 1938: 508–509; Sterrett 1916: 1–88; Swaine 1914: 40, 1916c: 628; Wearne 1923: 412–413; Wolcott 1948: 385; Yazawa, Higochi, & Machii 1957: 1–56. (hb) Beeson 1910: 222–223; Froggatt 1927: 77–79; Hetrick 1967: 297; Johnson 1958: 236; Judeich & Nitsche 1895: 441–442; Kalshoven 1960: 31–34, 1963: 237; Lengerken 1939: 250, 257–258; Munro 1928: 1–29, 1946: 10–43; Neger 1908: 279; Snyder 1927: 13, 40. (ds) Beeson 1938: 295; Blackwelder 1947: 788; Cachan 1957: 5; Crotch 1863: 18; Hetrick 1967: 297; Horn 1933: 173–174; Kolbe 1897: 37, 284; Lara & Shenefelt 1965: 175; Lever 1940: 38; Lovendal 1889: 29, 83; Lundblad 1958: 512; Murayama 1928: 30; Roepke 1911: 10–11; Shuckard 1938: 508–509. (tx) Balachowsky 1949a: 276; Beal & Massey 1945: 62; Bedel 1888b: 385, 404, 421; Beeson 1922: 1–2, 1941: 341–347; Bertolini 1872: 202; Blackman 1922b: 38–39, 1944: 78; Blandford 1893c: 11; 1893d: 442, 1894d: 133, 1895b: 81–95, 114, 193–198; Blatchley & Leng 1916: 551–554; Bright 1972d; Brom 1880: 539–540; Browne 1935b: 182–186, 1936a: 1, 1950b: 649, 1955: 364, 1958b: 164–182, 1960: 213, 1961c: 194–212, 1962e: 652, 655, 1966: 233–257, 1971a: 49–50, 1972a: 184; Chamberlin 1939: 17, 36, 102–109, 1958: 33–34; Chapuis 1865: 22, 97–285; Eichhoff 1864b: 18–22, 42–45, 1881a: 305–307; Endrodi 1957: 420; Erichson 1836: 64; Escherich 1923: 459–460, 633, 635; Gaubil 1849: 125; Guerin-Meneville 1838: 183; Hagedorn 1904: 411–412, 1907: 290–293, 1910a: 1; Herbst 1793: 128; Hopkins 1914: 127, 133, 1915c: 179, 181, 198–199, 202, 227; Hubbard 1897: 14–15; Jacquelin du Val & Fairmaire 1865: 107; Karaman

- 1972: 162; Lacordaire 1866: 355, 389, 391; Latreille 1807: 277; Lea 1910: 136; LeConte 1868: 150, 1876: 343; LeConte & Horn 1883: 513–514; Motschulsky 1858: 68; Murayama 1925: 210–211, 1934: 146; Niisima 1909: 171; Numberg 1940: 63–69, 1951: 261, 1953: 46; Nusslin 1911a: Ratzelburg 1837: 129–138, 187–188, 1839: 230; Redtenbacher 1845: 95, 151, 167; Reitter 1913a: 111–112, 1916: 306; Sampson 1924a: 545, 1924c: 129; Schedl 1935g: 320, 1935n: 633, 1939b: 383, 388–391, 397, 1940c: 203–208, 1955g: 3, 48, 1957b: 159, 1957d: 118, 1958k: 145, 1959a: 512, 1959n: 545–557, 1962k: 597–599, 1962n: 697–699, 1963j: 483, 486, 1968c: 261–270, 1972f: 169–242, 1977b: 239; Schimitschek 1937: 60; Sedlacek 1902: 2; Shuckard 1840 (1861): 64; Stebbing 1907: 41, 1914: 619–628, 634; Stephens 1839: 205–206; Strohmeier 1911a: 174, 1911b: 26, 1911d: 218, 1912c: 3, 10–19, 1912f: 78, 1914c: 1–22; Swaine 1909: 83–84; Westwood 1836: 35, 1840: 40; Wood, S. L. 1958b: 37–40, 1960a: 3, 6; Zimmermann 1868: 142.
- abietis** Wood 1958b: 39. Holotype ♂: Oak Creek Canyon, Millard Co., Utah [USA]; Wood Collection. Distribution: North America (Arizona, New Mexico, Utah in USA). Hosts: *Abies concolor*. References: (ds) Equihua & Atkinson 1987: 18; Furniss, R. L. & Carolin 1977: 338; Schedl 1972f: 197; Wood, S. L. 1958b: 39, 1979a: 1. (tx) Equihua & Atkinson 1987: 18; Schedl 1972f: 197, 1978b: 9; Wood, S. L. 1958b: 39, 1979a: 1.
- abnormis** Schedl 1975f: 375. Holotype ♀: Upper Manki logging area, Bulolo, Morobe District, New Guinea; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (tx) Schedl 1975f: 375.
- abruptifer** Wood 1992a: 90. Holotype ♂: New Guinea; Adi Island to Nagoya (Japan), imported; BMNH, London, automatic. Distribution: New Guinea. Hosts: *Pometia* sp. References: (tx) Wood, S. L. 1992a: 90.
- abruptus** Browne 1986b: 337. Holotype ♂: New Guinea; Adi Island to Nagoya (Japan), imported; BMNH, London, preoccupied by Sampson 1923. References: (tx) Browne 1986b: 337; Wood, S. L. 1992a: 90.
- abruptulus** Browne 1984a: 158. Holotype ♂: Pomio (New Britain) to Nagoya (Japan), imported; BMNH, London. Distribution: New Britain Island. References: (ds) Ohno, Yoshioka, et al. 1989: 65. (tx) Browne 1984a: 158.
- abruptus** Sampson 1923b: 285. Holotype ♂: India; Mandali, Jaunsar, 6000 ft.; BMNH, London. Distribution: Asia (Uttar Pradesh in India). Hosts: *Quercus incana*. References: (ds) Schedl 1972f: 212. (tx) Browne 1962c: 643; Murayama 1928a: 286; Sampson 1923b: 285; Schedl 1964c: 301, 1972f: 212.
- acetabuliformis** Roberts 1986: 40. Holotype ♂: New Guinea; Papua, Popondetta; BMNH, London. Distribution: New Guinea. Hosts: *Amoora* sp. Notes: (3) Roberts 1989: 263 (described female). References: (tx) Roberts 1986: 40.
- acetabuliformis comalis** Roberts 1989: 263. Holotype ♂: Papua New Guinea; Gumi, Watit Logging Area, Bulolo, 2200 m; NHMW, Wien. References: (tx) Roberts 1989: 263, 286.
- acuticornifer** Wood 1981: 121. Holotype ♂: Luth. Miss. Sawmill, Porotop, Papua; Schedl Collection in NHMW, Wien, automatic. Distribution: New Guinea. References: (tx) Schedl 1975g: 223; Wood, S. L. 1981: 121 (published in March).
- acuticornis** Schedl 1975g: 223. Holotype ♂: Luth. Miss. Sawmill, Porotop, Papua; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1973. References: (tx) Schedl 1975g: 223.
- longicornis** Browne [1980f] 1981: 215. Holotype ♂: Luth. Miss. Sawmill, Porotop, Papua; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1942. References: (tx) Browne 1980f: 215 (actually published in September–December 1981).
- acuticornis** Schedl 1973f: 77. Holotype ♂: N. slope Mt. Dayman, Maneau Range, M. Bay Dist., 1550 m; AMNH, New York. Distribution: New Guinea. References: (tx) Schedl 1973f: 77, 1978b: 9.
- acutidentatus** Murayama 1956b: 11. Holotype ♂: Palau Island; USNM, Washington. Figures: Murayama 1956b: figs. 1–8; Wood 1960a: 10. Distribution: Micronesia (Palau Island). References: (ds) Schedl 1972f: 208; Wood, S. L. 1960a: 7. (tx) Murayama 1956b: 11; de Ruetten 1970: 68; Schedl 1972f: 208; Wood, S. L. 1960a: 7, 10.
- adnexus** Schedl 1967d: 17. Holotype ♂: Brasilien, Nova Teutonia, Santa Catarina; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (ds) Schedl 1972f: 213. (tx) Schedl 1967d: 17–18, 1972f: 213, 1978b: 9; Wood, S. L. 1966a: 62.
- aduncus** Chapuis 1865: 283. Holotype ♀: Borneo, Sarawak; BMNH, London. (Schedl 1960c: 55). Distribution: Indonesia (Borneo). References: (ds) Sampson 1928b: 392; Schedl 1972f: 208; Strohmeier 1912c: 18, 1914c: 28. (tx) Chapuis 1865: 283; Sampson 1928b: 392; Schedl 1935k: 481, 1941b: 416, 1960c: 55, 1972f: 208; Strohmeier 1912c: 18, 1914c: 28.

- advena** Schedl 1972i: 54. Holotype ♂: New Guinea (NW), W. of Sentani, 75 m; BPBM, Honolulu.
Distribution: New Guinea.
Hosts: *Alstonia scholaris*, *Pimelcodendron* sp.
Notes: (3) Schedl 1974d: 464 (described female).
References: (ds) Schedl 1972f: 189. (tx) Schedl 1972f: 189, 1972i: 54, 1974d: 465, 1978b: 9.
- aequalicinctus** Schedl 1948d: 41. Lectotype ♂: Brasil: Sao Paulo; Schedl Collection in NHMW, Wien, designated by Schedl 1978b: 10.
Distribution: South America (Brazil).
References: (ds) Schedl 1972f: 230. (tx) Schedl 1948d: 41, 1972f: 230, 1978b: 10.
- aequalis** Schedl 1975g: 223. Holotype ♂: Papua, Porotop, Lath, Mission Sawmill; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975g: 223, 1978b: 10.
- aequilaterus** Roberts 1956: 40. Holotype ♂: New Guinea: Papua, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Xanthophyllum papuanum*.
References: (tx) Roberts 1956: 40.
- afzeliae** Browne 1972b: 29. Holotype ♂: Thailand: Donglam; BMNH, London.
Distribution: Asia (Thailand).
Hosts: *Afzelia xylocarpa*.
References: (ds) Beaver & Browne 1975: 305. (tx) Browne 1972b: 29.
- agathis** Browne 1986b: 335. Holotype ♂: Borneo: Bangkuran (Sabah) to Hirao (Japan), imported; BMNH, London.
Distribution: Indonesia (Borneo).
Hosts: *Agathis* sp.
References: (tx) Browne 1986b: 335.
- agnatus** Schedl 1969a: 217. Holotype ♂: Borneo (Sarawak), Lavas to Tokyo (Japan), imported; PPST, Tokyo.
Distribution: Indonesia (Borneo).
Hosts: *Scyara* sp., *Shorea* sp.
References: (ds) Browne 1980c: 484, 1980d: 492, 1984c: 449; Choo, Woo, & Kim 1981: 202; Nobuchi 1977: 141; Ohno et al. 1988b: 97; Schedl 1972f: 208. (tx) Nobuchi 1985: 329; Schedl 1969a: 217, 1972f: 208, 1978b: 10.
- algius** Schedl 1936j: 33. Lectotype ♂: Malaya Peninsula: Penang Id.; Schedl Collection in NHMW, Wien, designated by Schedl 1978b: 10.
Distribution: Asia (Malaya).
References: (hb) Browne 1941. (ds) Beaver & Browne 1978: 618; Browne 1961c: 206; Schedl 1936j: 33, 1972f: 208. (tx) Schedl 1936j: 33–34, 1941b: 418, 425, 1972f: 208, 1978b: 10.
- aliemus** Schedl 1963d: 228. Holotype ♂: Surinam; Schedl Collection in NHMW, Wien.
Distribution: South America (Suriname).
Hosts: Bamboo and poacentria logs.
References: (ds) Schedl 1972f: 230, 1972g: 47, 1976a: 57. (tx) Schedl 1963d: 228, 1972f: 230, 1978b: 10.
- alternans** Chapuis 1865: 156. Holotype ♂ (Schedl 1960c: 24); Venezuela; BMNH, London.
Distribution: North America ("Mexico"), South America (Colombia/ Guyana/ Venezuela).
Notes: (3) Schedl 1935l: 356 (described female).
References: (hb) Cleare 1924: 61–65; Swabey 1935: 7. (ds) Blackwelder 1947: 788; Blandford 1896c: 105; Equihua & Atkinson 1957: 19; Ferrer 1942; Gemminger & Harold 1872: 2697; Schedl 1960a: 79, 1972f: 205; Strohmeier 1912c: 10, 1914c: 24; Swabey 1935: 7. (tx) Blandford 1896c: 105; Chapuis 1865: 156; Equihua & Atkinson 1957: 19; Schedl 1935l: 356, 1937c: 14, 1937d: 38, 1940a: 324, 1960a: 79, 1960c: 24, 1972f: 205, 1978b: 10; Strohmeier 1912c: 10, 1914c: 24.
- alternantecostatus** (Schedl) 1941c: 364 (*Platyscapus*). Syntypes ♂ ♀: Java, Mt. Gede, 800 m; Kalshoven Collection, and Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Java).
Hosts: *Dysoxylum* sp.
Notes: (1) Schedl 1978a: 10 (citation of holotype invalid).
References: (hb) Kalshoven 1960c: 41, 1960d: 41. (ds) Browne 1954c: 448; Kalshoven 1960d: 41; Schedl 1972f: 186. (tx) Browne 1962e: 653, 1972b: 30; Schedl 1941c: 363–365, 1972f: 186, 1978a: 10.
- ambiguus** Roberts 1957: 163. Holotype ♂: Papua New Guinea: Gumi, Watut Logging Area, Bulolo, 2,200 m; BMNH, London.
Figures: Roberts 1957: 176 (male elytron).
Distribution: New Guinea.
Hosts: *Planchonella* sp.
References: (tx) Roberts 1957: 163, 176.
- amaticeps** Schedl 1969a: 215. Holotype ♂: Borneo (Kalimantan), Nmukan to Muroan (Japan), imported; PPST, Tokyo.
Distribution: Indonesia (Borneo).
Hosts: Meranti logs.
References: (tx) Schedl 1969a: 215, 1978a: 10.
- andrewesi** Strohmeier 1910e: 128. Holotype ♂: Nilgiri Hills; H.L. Andrewes Collection.
Distribution: Asia (India/ Malaya).
Notes: (3) Schedl 1942a: 211 (described female).
References: (hb) Browne 1941. (ds) Browne 1961c: 210, 1981a: 125; Mathew 1952, 1957: 158; Schedl 1936j: 21, 1972f: 201; Strohmeier 1912c: 19, 1914c: 28. (tx) Nobuchi 1955: 329; Schedl 1936j: 21, 1939c: 2, 1939e: 337, 1942a: 211, 1972: 201, 1978b: 11; Strohmeier 1910e: 128–129, 1912c: 19, 1914c: 28.
- anguis** Browne 1984f: 59. Holotype ♂: New Guinea: Morobe District, Bulolo, Snake Creek, 1000 m; BMNH, London.
Distribution: New Guinea.

- Hosts: *Aglaia* sp.
References: (tx) Browne 1954f: 59.
- angustatus Wood** 1966a: 55. Holotype ♂: 10 km SE Cartago on Pan-American Highway, Cartago Prov., Costa Rica, 5600 feet; Wood Collection.
Figures: Wood 1966a: 52.
Distribution: North America (Costa Rica).
References: (ds) Equihua & Atkinson 1957: 19; Schedl 1972f: 205. (tx) Equihua & Atkinson 1957: 19; Schedl 1972f: 205; Wood, S. L. 1966a: 52, 55.
- angustus Chapuis** 1865: 157. Holotype ♂: Mexico; MNHN, Paris (Schedl 1960c: 24).
Distribution: North America (probably Veracruz in Mexico).
References: (cn) Anonymous 1953j: 25. (ce) Anonymous 1953j: 25. (ds) Blackwelder 1947: 75S; Blandford 1896c: 104–105; Equihua & Atkinson 1957: 19; Ferrer 1942; Gardiner 1957a; Gemminger & Harold 1872: 2697; Mayne & Donis 1960: 9S, 1962: 250; Schedl 1972f: 205; Strohmeier 1912c: 10, 1914c: 24, 36. (tx) Blandford 1896c: 104–105; Chapuis 1865: 157; Equihua & Atkinson 1957: 19; Schedl 1940a: 324, 1950d: 14, 1953g: 244, 1960c: 24, 1972f: 205; Strohmeier 1912c: 10, 1914c: 24, 36.
- angusticollis Schedl** 1942c: 197. Holotype ♀: New Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (bv) Gray, B. 1974b. (hb) Gray, B. 1974b. (ds) Schedl 1972f: 199. (tx) Schedl 1942c: 197, 1972f: 199, 1975b: 11.
- angustior Schedl** 1942c: 196. Holotype ♂: New Guinea; Schedl Collection in NHMW, Wien.
Distribution: Asia (India), New Guinea.
References: (ds) Schedl 1969c: 62, 1972f: 200. (tx) Schedl 1942c: 196, 1969b: 233, 1972f: 200.
- angustioris Schedl** 1948d: 42. Syntypes ♂: Brasil, Sao Paulo; Prague Museum, and Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
Notes: (1) Schedl 1978a: 11 (citation of holotype invalid).
References: (ds) Schedl 1970f: 582, 1972f: 230, 1972g: 47. (tx) Schedl 1948d: 42, 1972f: 230, 1975b: 11.
- annexus Wood** 1966a: 62. Holotype ♂: Tapanti, Cartago Prov., Costa Rica, 4000 feet; Wood Collection.
Figures: Wood, S. L. 1966a: fig. 20.
Distribution: North America (Costa Rica).
Hosts: *Quercus* sp.
References: (ds) Equihua & Atkinson 1957: 19; Schedl 1972f: 214. (tx) Equihua & Atkinson 1957: 19; Schedl 1972f: 214; Wood, S. L. 1966a: 62, 67.
- anomalus Schedl** 1975g: 224. Holotype ♀: New Guinea, Porotop, Luth. M. Station; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975g: 224, 1978b: 11.
- anoplus Schedl** 1975f: 350. Holotype ♂: Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 350.
- anthocephali Schedl** 1969c: 60. Holotype ♂: India: Bengal, Samsing, 1800 ft., Kalimpong; not in FRI, Dehra Dun.
Distribution: Asia (Bengal in India).
Hosts: *Anthocephalus calamba*.
Notes: (1) The Schedl "paratypes" apparently are the types; none of the specimens cited by Schedl (1969c: 60) ever reached FRI. (3) Schedl 1969c: 60 (this is *anthocephali* Beeson, nomen nudum).
References: (ds) Schedl 1972f: 208. (tx) Beeson 1941 (1961: 263); Schedl 1969c: 60–61, 1972f: 208, 1975b: 11.
- aolai Browne** 1956c: 669. Holotype ♂: Solomon Islands: Aola to Nagoya (Japan), imported; BMNH, London.
Distribution: Solomon Islands.
Hosts: *Nconaucea* sp. log.
References: (tx) Browne 1956c: 669.
- apertulus Schedl** 1975f: 350. Holotype ♂: Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 350.
- apertus (Schedl)** 1979g: 119 (*Diaprus*). Holotype ♂: Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
Notes: (1) Roberts 1992:(in press) (to *Platypus*).
References: (tx) Roberts 1992:(in press); Schedl 1979g: 119.
- apicalis (White)** 1846: 18 (*Crossotarsus*). Holotype ♂: New Zealand, North Island; BMNH, London.
Figures: Milligan 1979: fig. 5.
Distribution: Australia, Chatham Islands, New Zealand.
Hosts: *Cordylus australis*, *Pseudotsuga menziesii*.
References: (bv) Alma & van Boven 1976; Hosking 1977; Milligan 1974, 1982a, 1982b; Neumann & Harris 1974: 136; Ytsma 1986, 1988. (cn) Grehan & Nixon 1978; Hosking 1977; Milligan 1974, 1979, 1982a, 1982b; Zondag 1982. (ce) Hosking 1977; Milligan 1974; Payton 1989; Zervos 1980. (hb) Grehan & Nixon 1978; Laird 1956: 76–84; Milligan 1970a: 61–62, 1979. (ds) Alma & van Boven 1976; Broun 1918: 147; Chapuis 1865: 337; Gemminger & Harold 1872: 2697; Grehan & Nixon 1978; Hosking 1977; Hutton 1904: 219; Laird 1956: 79, 81; Milligan 1979; Nobuchi 1977: 121; Schedl 1972f: 190; Strohmeier 1912c: 5, 1914c: 35; Zondag 1982. (tx) Broun 1880; Browne 1964: 754; Chapuis 1865: 337; Milligan 1979, fig. 5; Schedl 1941e: 154, 1942c: 164, 1960c: 64, 1972f: 190; Strohmeier 1912c: 5, 1914c: 35; White 1846: 18. (ms) Ytsma 1986.

- douci* Chapuis 1865: 237. Syntypes ♂ ♀; de la Nouvelle-Zelande; BMNH, London, MNB, Berlin, IRSNB, Brussels, and MNHN, Paris (Schedl 1960c: 44). Synonymy: Schedl 1941c: 154.
References: (cn) Zondag 1966. (hb) Clark 1932a: 235–243. (ds) Clark 1932a: 235–243; Gemminger & Harold 1872: 2698; Hutton 1904: 219; Strohmeier 1912c: 16, 1914c: 26. (tx) Brom 1880; Browne 1964: 754; Chapuis 1865: 237; Schedl 1935k: 455, 1937d: 40, 1941e: 154, 1960c: 44, 1972f: 190; Strohmeier 1912c: 16, 1914c: 26.
- castaneus* Brom 1880: 542. Holotype ♂; Tairua, New Zealand; Brom Collection. Synonymy: Schedl 1962n: 754.
References: (ds) Hutton 1904: 219; Strohmeier 1912c: 19, 1914c: 28. (tx) Brom 1880: 542; Browne 1964: 754; Schedl 1957d: 118, 1972f: 190; Strohmeier 1912c: 19, 1914c: 28.
- apicaloides* Schedl 1964g: 251. Holotype ♂; Sarawak, Setapok; BMNH, London.
Distribution: Asia (Malaya), Indonesia (Borneo).
Hosts: *Garcinia* sp.
References: (hb) Browne 1961c: 212. (ds) Browne 1961c: 212; Schedl 1972f: 186. (tx) Schedl 1964g: 251, 1972f: 186, 1978b: 12.
- apicatus* Schedl 1975f: 381. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District, New Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 381.
- apicatus* Schedl 1974d: 466. Holotype ♂; Panganda logging area, Watut Valley, Morobe District, New Guinea, 2126 m; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Castanopsis acuminatissima*.
References: (tx) Schedl 1974d: 466.
- applanatus* Wood 1992b: 79. Holotype ♂; Manaus, Amazonas; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Wood, S. L. 1992b: 79.
- aplanatus* Schedl 1976a: 85. Holotype ♂; Manaus, Amazonas; Schedl Collection in NHMW, Wien, preoccupied by *applanatus* Wood 1972.
Notes: (1) The names *aplanatus* and *applanatus* are homonyms under the Code even though they differ by one letter.
References: (tx) Schedl 1976a: 85; Wood, S. L. 1992b: 79.
- applanatus* Wood 1972b: 244. Holotype ♂; 30 km E Palmar, Bolivar, Venezuela; Wood Collection.
Distribution: South America (Venezuela).
Hosts: *Pouteria egregia*.
References: (tx) Wood, S. L. 1972b: 244.
- araucariae* Schedl 1966e: 44. Holotype ♂; Sudbrasilien; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
Hosts: *Araucaria angustifolia*.
References: (ds) Schedl 1972f: 205, 1976a: 57; Schonherr & Pedrosa-Maccedo 1981: 57. (tx) Schedl 1966e: 44, 1972f: 205, 1978b: 12.
- arcuatus* Schedl 1976a: 86. Holotype ♂; V. Vera, Matto Grosso, Brazil, Lon. 55 36, Lat. 12 46; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 86.
- arduus* (Schedl) 1942a: 214 (*Platyscapus*). Holotype ♀; Borneo; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Borneo).
Hosts: *Shorea* sp.
Notes: (3) Schedl 1969a: 218 (described male).
References: (ds) Nobuchi 1977: 123; Schedl 1969a: 206, 1972f: 190. (tx) Browne 1962c: 653; Schedl 1942a: 214, 1969a: 218, 1972a: 190, 1978b: 12.
- areolatus* Chapuis 1865: 179. Holotype ♀; Cuba; Schedl (1960c: 30) was unable to find this type.
Distribution: Antilles Islands (Cuba).
References: (ds) Blackwelder 1947: 788; Equihua & Atkinson 1957: 19; Schedl 1972f: 230; Strohmeier 1912c: 10, 1914c: 24. (tx) Chapuis 1865: 179; Equihua & Atkinson 1957: 19; Schedl 1960c: 30, 1972f: 230; Strohmeier 1912c: 10, 1914c: 24.
- arisamensis* Murayama 1934f: 135. Holotype ♀; Arisan (Formosa); Murayama Collection in USNM, Washington.
Distribution: Asia (Taiwan).
References: (ds) Murayama 1934f: 135, 1937c: 578; Nobuchi 1967: 26; Schedl 1972f: 194. (tx) Murayama 1934f: 135; Schedl 1972f: 194.
- armaticeps* Schedl 1936d: 15. Lectotype ♂; Malay Peninsula, Perak, Bintang Hijau Res., Chengal; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 12.
Distribution: Asia (India/ Malaya).
Hosts: *Balanocarpus heimii*.
Notes: (3) Beeson 1941 (1961: 263) (*armaticeps*, nomen nudum, not found in FRI by SLW in 1981).
References: (hb) Browne 1941. (ds) Beeson 1941 (1961: 263); Browne 1961c: 202; Schedl 1972f: 206. (tx) Schedl 1936d: 15–16, 1972f: 206, 1978a: 12.
- armatus* Chapuis 1865: 222. Holotype ♂; Columbia; Schedl (1960c: 41) was unable to find this type.
Distribution: North America (Costa Rica), South America (Colombia).
References: (ds) Blackwelder 1947: 788; Blandford 1896e: 109–110; Equihua & Atkinson 1957: 19; Gemminger & Harold 1872: 2697; Schedl 1972f: 226; Strohmeier 1912c: 13, 1914c: 26. (tx) Blandford 1896e: 109–110; Chapuis 1865: 222; Equihua & Atkinson 1957: 19; Lucas 1920: 522;

- Schedl 1939b: 399, 1960c: 41, 1972f: 226; Strohmeyer 1912c: 13, 1914c: 26.
- arrogans** Schedl 1971c: 357. Holotype ♀: Laos; Schedl Collection in NHMW, Wien.
Distribution: Asia (Laos).
References: (ds) Schedl 1972f: 194, (tx) Schedl 1971c: 357–388, 1972f: 194, 1975b: 12.
- artecarinatus** Schedl 1935h: 352. Holotype ♂: Costa Rica, Hamburgfarm, [Rio] Reventazon, Ebene Limon; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica).
References: (ds) Blackwelder 1947: 788; Equihua & Atkinson 1957: 19; Schedl 1972f: 238, (tx) Equihua & Atkinson 1957: 19; Schedl 1935h: 352–353, 1972f: 238, 1975b: 12.
- artecosatus** (Schedl) 1941c: 363 (*Platyscapus*). Syntypes ♂ ♀: Java, Mt. Gede, 800 m; Kalshoven Collection, and Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Borneo, Java).
Notes: (1) Schedl 1975a: 13 (citation of holotype invalid).
References: (hb) Kalshoven 1960c: 41, (ds) Browne 1961c: 213; Kalshoven 1960d: 41; Schedl 1972f: 186, (tx) Browne 1962e: 653; Schedl 1941c: 363–364, 1958h: 498, 1972f: 186, 1975a: 12.
- artesolidus** Schedl 1942a: 201. Lectotype ♂: Malaya, Rotan Tunggul F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 13.
Distribution: Asia (Malaya), Philippine Islands.
Hosts: *Vatica* sp.
References: (ds) Browne 1961c: 209, 1962c: 201, 1980d: 490, 1983a: 555; Schedl 1966b: 89, 1972f: 197, (tx) Nobuchii 1955: 329; Schedl 1942a: 201, 1972f: 197, 1975a: 13.
- artetrunceus** Schedl 1979g: 109. Holotype ♂: Papua UMLA [Upper Manki logging area], Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1979g: 109.
- asperatus** Schedl 1976a: 86. Holotype ♂: V. Vera, Matto Grosso, Brazil, Lon. 55° 36', Lat. 12° 46'; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 86.
- aspicis** Roberts & Morimoto 1986: 163. Holotype ♂: New Guinea; Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Planchonella* sp.
References: (tx) Roberts & Morimoto 1986: 163.
- assamelae** Schedl 1986b: 339. Holotype ♂: Congo; Pointe Noire to Nagoya (Japan), imported; BMNH, London.
Distribution: Africa (Zaire).
Hosts: *Pericopsis elata* log.
- References: (tx) Browne 1986b: 339.
- assimilis** Schedl 1965g: 25. Holotype ♂: O. Borneo, Mt. Tibang, 1300 and 1400 m; NHR, Stockholm.
Distribution: Indonesia (Borneo).
References: (ds) Schedl 1972f: 207, (tx) Schedl 1965g: 28, 1972f: 207, 1975b: 13.
- associatus** Schedl 1973e: 95. Holotype ♂: Buvusi, West New Britain District; CSIRO, Canberra.
Distribution: New Britain Island.
Hosts: *Eucalyptus deglupta*.
References: (tx) Schedl 1973e: 95, 1975a: 13.
- astutus** Schedl 1965g: 28. Holotype ♂: O. Borneo, Mt. Tibang, 1300 m; NHR, Stockholm.
Distribution: Indonesia (Borneo).
References: (ds) Schedl 1972f: 200, (tx) Schedl 1965g: 28, 1972f: 200, 1975b: 13.
- atrans** Roberts 1989: 264. Holotype ♂: Papua New Guinea; Mt. Kaindi, 2100–2350 m; NHMW, Wien.
Figures: Roberts 1989: 286.
Distribution: New Guinea.
References: (tx) Roberts 1989: 264.
- attentus** Schedl 1936c: 234. Holotype ♀; Suriname; Schedl Collection in NHMW, Wien.
Distribution: South America (Guyana/Suriname).
References: (ds) Blackwelder 1947: 788; Schedl 1972f: 238, (tx) Schedl 1936c: 234, 1972f: 238, 1975b: 13.
- auricularis** Chapuis 1865: 125. Syntypes 2 ♂: Ste. Catherine; 1 in MNB, Berlin, 1 in IRSNB, Brussels (Schedl 1960c: 16).
Distribution: South America (Brazil/ Cayenne).
References: (ds) Blackwelder 1947: 788; Gemminger & Harold 1872: 2697; Schedl 1972f: 238; Strohmeyer 1912c: 8, 1914c: 23, (tx) Chapuis 1865: 125; Schedl 1936c: 224, 1937d: 37, 1960c: 16, 1972f: 238; Strohmeyer 1912c: 8, 1914c: 23.
- auritus** Chapuis 1865: 123. Syntypes ♂ ♀: Mexico; Toxpan; BMNH, London.
Distribution: North America (Veracruz in Mexico).
References: (ds) Blackwelder 1947: 788; Blandford 1896e: 97; Equihua & Atkinson 1957: 19; Gemminger & Harold 1872: 2697; Schedl 1972f: 238; Strohmeyer 1912c: 8, 1914c: 23, (tx) Blandford 1896e: 97; Chapuis 1865: 123; Equihua & Atkinson 1957: 19; Schedl 1934e: 210, 1936c: 224, 1940a: 324, 1960c: 16, 1972f: 238; Strohmeyer 1912c: 8, 1914c: 23.
- australis** Chapuis 1865: 240. Holotype ♀: Moreton-Bay, cote orientale de la Nouvelle-Hollande [Australia]; BMNH, London.
Distribution: Australia.
Hosts: *Argyrodendron pervalatum*, *Beilschmidia bancroftii*, *Ceratopetalum succirubrum*, *Cryptocarya ablato*, *Doryphora armatica*, *Yanthophyllum ostaudrum*.
References: (av) Ting 1936: 95, (en) Brimblecombe 1951, 1956; Froggatt 1926b, 1927; Smith,

- J. H. 1932: 232, 1939: 32–35. (**hb**) Brimblecombe 1951, 1956; Froggatt 1926b, 1927. (**ds**) Boisduval 1835; Browne 1981a: 126; Gemminger & Harold 1872: 2697; Nobuchi 1977: 125; Sampson 1925: 1; Schedl 1936g: 515, 1964c: 306, 1966g: 36, 1972a: 144, 1972f: 144, 196, 1975h: 352, 1979a: 159; Strohmeier 1912c: 18, 1914c: 28. (**tx**) Carne et al. 1980; Chapuis 1865: 240; Lea 1904: 105; Sampson 1925: 1; Schedl 1936e: 58–59, 1936g: 515, 1960c: 45, 1972f: 196; Strohmeier 1912c: 18, 1914c: 28.
- crenatus* Chapuis 1865: 257. Holotype ♂; Moreton Bay, Nouvelle-Hollande [Australia]; IRSNB, Brussels (Schedl 1960c: 56). Synonymy: Lea 1904: 105.
References: (**en**) Froggatt 1926b, (**hb**) Froggatt 1926b, (**ds**) Gemminger & Harold 1872: 2698; Sampson 1925: 1. (**tx**) Chapuis 1865: 257; Lea 1904: 105; Sampson 1925: 1; Schedl 1960c: 56, 1972f: 196.
- bajulus* Schedl 1936e: 52. Lectotype ♂; Mentawai, Sipora, Sereinu; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 13.
Distribution: Asia (Malaya), Indonesia (Java, Mentawai, Sumatra).
Hosts: *Artocarpus elastica*, *Etodia* sp., *Horsfieldia glabra*, *Podocarpus imbricata*, *Sarcocephalus* sp.
References: (**hb**) Kalshoven 1960c: 35. (**ds**) Browne 1961c: 198, 1986c: 662; Kalshoven 1960d: 36; Schedl 1972f: 192. (**tx**) Schedl 1936e: 52–53, 1939e: 336, 1941c: 354, 1942a: 172, 1950g: 895–896, 1972f: 192, 1978b: 13.
- bajulus sumatranus* Schedl 1936e: 53. Holotype ♂; Sumatra; Schedl collection in NHMW, Wien (Schedl 1975a: 14).
Notes: This is apparently an aberration that should have no taxonomic status.
References: (**ds**) Schedl 1972f: 192. (**tx**) Schedl 1936e: 53, 1972f: 192, 1975a: 14.
- balanocarpus* Schedl 1936d: 15. Lectotype ♂; Malay Peninsula, Pahang; Trannu; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 14.
Distribution: Asia (Malaya), Indonesia (Borneo).
Hosts: *Balanocarpus heimii*, *Shorea ovata*, *S. parvifolia*.
Notes: (3) Beeson 1941 (1961: 263) (*balanocarpus*, nomen nudum, not now in FRI).
References: (**hb**) Browne 1936a, 1941, 1961c: 212. (**ds**) Beeson 1961: 263; Browne 1936a, 1961c: 212, 1980b: 381, 1984c: 448; Schedl 1959c: 168, 1971c: 366, 1972f: 185. (**tx**) Schedl 1936d: 15, 1972f: 185, 1978a: 14.
- barbatulus* Schedl 1942a: 209. Holotype ♀; Borneo; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Borneo).
References: (**ds**) Schedl 1972f: 194. (**tx**) Schedl 1942a: 209, 1972f: 194, 1978a: 14.
- barbosai* Schedl 1972g: 75. Holotype ♂; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
Notes: (3) Schedl 1976a: 57 (described female).
References: (**tx**) Schedl 1972g: 75, 1976a: 57, 1978a: 14.
- batesi* Chapuis 1865: 139. Holotype ♀; Bresil, Ega.; BMNH, London.
Distribution: South America (Brazil).
References: (**ds**) Blackwelder 1947: 758; Gemminger & Harold 1872: 2697; Schedl 1972f: 238; Strohmeier 1912c: 5, 1914c: 23. (**tx**) Chapuis 1865: 139; Schedl 1960c: 19, 1972f: 238; Strohmeier 1912c: 5, 1914c: 23.
- beareri* Browne 1975: 306 in Beaver & Browne. Holotype ♂; Thailand; Chiang Mai, Doi Pui, 1600 m; BMNH, London.
Distribution: Asia (Thailand).
Hosts: *Castanopsis* sp., *Quercus* sp.
References: (**tx**) Beaver & Browne 1975: 306.
- beilschmiediae* Schedl 1957d: 122. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.
Distribution: Africa (Nigeria/ Zaïre).
Hosts: *Beilschmiedia gilbertii* var. *glabra*.
References: (**ds**) Mayne & Donis 1962: 281; Roberts 1968: 281; Schedl 1962k: 639, 1972a: 223. (**tx**) Schedl 1957d: 120, 122, 1962k: 639, 1972f: 223, 1978b: 14.
- bellus* Schedl 1933c: 172. Holotype ♂; Argentina, San Ignacio, Alto Parana; Schedl Collection in NHMW, Wien.
Distribution: Antilles Islands (Cuba/ Guadeloupe), North America (Mexico), South America (Argentina/ Bolivia/ Brazil/ Colombia/ Paraguay).
Notes: (3) This is a southern South American species; records from the Antilles Islands and from North America may represent interceptions or errors in identification.
References: (**ds**) Blackwelder 1947: 788; Santoro 1957b: 25; Schedl 1933c: 172. (**tx**) Schedl 1933c: 172, 1936c: 237, 1936e: 51, 1937d: 39, 1948d: 38, 1952a: 446, 1958f: 35, 1960c: 26, 1972f: 233 (error), 1978b: 14; Wood, S. L. 1973a: 52.
- virgatus* Schedl 1935h: 355. Holotype ♂; Cuba; Schedl Collection in NHMW, Wien. Synonymy: Wood 1973f: 52.
References: (**ds**) Blackwelder 1947: 791. (**tx**) Schedl 1935h: 355–356, 1960c: 26, 1972f: 233, 1978a: 81; Wood, S. L. 1973f: 52.
- bicarinulatus* Schedl 1942a: 200. Holotype ♂; Malaya, Pahang, Frasers Hills; BMNH, London.
Distribution: Asia (Malaya).
References: (**ds**) Browne 1961c: 199; Schedl 1972f: 197. (**tx**) Schedl 1942a: 200, 1972f: 197, 1978a: 14.
- bicaudatulus* Schedl 1935h: 359. Holotype ♂; Venezuela; Schedl Collection.

- Distribution: South America (Venezuela).
References: (ds) Blackwelder 1947: 758; Schedl 1972f: 213. (tx) Schedl 1935h: 359, 1972f: 213, 1975a: 14.
- bicaudatus** Browne 1981a: 134. Holotype ♂; Lavas (Borneo) to Tokyo (Japan), imported; BMNH, London.
Distribution: Indonesia (Borneo).
Hosts: *Shorea* sp.
References: (tx) Browne 1981a: 134.
- bicolor** Montrouzier 1861: 266. Syntypes?: Neu Caledonien; not located.
Distribution: New Caledonia Island.
References: (ds) Beeson 1938b: 295; Schedl 1972f: 242. (tx) Montrouzier 1861: 266; Schedl 1972f: 242.
- bicorniger** Schedl 1937c: 547. Syntypes ♂; Sarawak, foot of Mt. Dulit, junction of rivers Tinjar and Lejok; BMNH, London.
Distribution: Indonesia (Borneo).
Notes: (1) Schedl 1978a: 15 restricts type to BMNH, London material; the form he designated as the female of this species was later described as the male of *bihamatus* Schedl.
References: (ds) Schedl 1972f: 192. (tx) Schedl 1937c: 547, 1942a: 209, 1972f: 192, 1975a: 15.
- bicornis** Nunberg 1939: 219. Holotype ♀; Pern; Polischen Zoologischen Staatsmuseums, Warsaw.
Distribution: South America (Pern).
References: (ds) Blackwelder 1947: 758; Schedl 1972f: 238. (tx) Nunberg 1939: 219, 1940: 68, 1959c: 168; Schedl 1960c: 110.
- bidens** Schedl 1970e: 106. Holotype ♀; Brasilien, Terr. Amapa, Rio Felicio; Departamento de Zoologia, Secretaria Agricultura, Sao Paulo.
Distribution: South America (Brazil).
References: (ds) Schedl 1970e: 86, 1972f: 186. (tx) Schedl 1970e: 106, 1972f: 186.
- bifidus** Schedl 1942a: 211. Lectotype ♂; Malaya, Pahang, Buloh F.R.; Schedl Collection in NHMW, Wien, designated by Scheel 1975a: 15.
Distribution: Asia (Malaya), Indonesia (Borneo).
Hosts: Anonaceae sp., *Canarium* sp., *Dryobalanops oblongifolia*, *Myristica* sp.
References: (hb) Browne 1961c: 212, (ds) Browne 1961a: 313, 1961c: 212; Schedl 1972f: 213. (tx) Schedl 1942a: 211, 1972f: 213, 1975b: 15.
- biflexuosus** Schedl 1962f: 163. Holotype ♂; Assam, Namerlik, Lakhimpur; FRI, Dehra Dun, lost?
Distribution: Asia (Assam in India/ Malaya/ Thailand/ Vietnam).
Hosts: *Dipterocarpus obtusifolius*, *D. pilosus*, *Pinus merkusii*.
Notes: (1) The types which Schedl claimed to return never reached FRI, Dehra Dun, and in all probability are represented by the "paratypes" in the Schedl Collection. (3) Schedl 1962f: 163–164 and 1972f: 197 (cited as *Mesoplatypus beesoni* Sampson, nomen nudum, synonymy).
References: (ds) Beaver & Browne 1975: 306, 1978: 618; Browne 1965a: 132–133, 1970: 576, 1972b: 28; Nobuchi 1977: 127; Schedl 1972f: 197. (tx) Browne 1965a: 206; Schedl 1962f: 163, 1967f: 146–163, 1972f: 197, 1975b: 15.
- biformis** Chapuis 1865: 255. Holotype ♂; Inde, Dargeling; BMNH, London.
Distribution: Asia (Bengal, Uttar Pradesh in India/ Pakistan).
Hosts: *Pinus roxburghii*.
Notes: (3) Schedl 1971c: 388 (described female).
References: (cn) Beeson 1915a: 317–325; Champion 1922: 168–174, 232–246; Huque 1966: Khan 1975: Kleine 1932a: 310, 401; Pierce, W. D. 1917: 75; Stebbing 1914: 619; Troup 1916: 1–126. (cc) Beeson 1921b: 23; Stebbing 1914: 619. (hb) Beeson 1915a: 317–325, 1916: 222, 1921b: 23; Kleine 1932a: 310, 401; Stebbing 1914: 619. (ds) Beeson 1921b, 1941 (1961: 263); Gemminger & Harold 1872: 2697; Kleine 1932a: 310, 401; Pierce, W. D. 1917: 75; Qadri 1951a: 369, 1951c: 238; Sampson 1921: 25–26; Schedl 1971c: 164, 1972f: 184, 1974a: 88; Strohmeier 1912c: 16, 1914c: 27. (tx) Chapuis 1865: 255; Gardier 1932b; Nakashima 1975: 48–51; Sampson 1921: 25–26; Schedl 1933a: 402, 1960c: 48, 1971c: 388, 1972f: 184, 1975b: 15; Stebbing 1914: 619; Strohmeier 1912c: 16, 1914c: 27.
- bifurcus** (Schedl) 1938g: 422 (*Crossotarsus*). Syntypes ♂ ♀; Mindanao, Lanao Province, Kolambigan; Division For. Studies and Res., Bureau For., and Schedl Collection in NHMW, Wien.
Figures: Nakashima 1975: 48–51.
Distribution: Asia (Burma/ Malaya/ Vietnam), Australia, Indonesia (Borneo), New Guinea, Philippine Islands (Luzon, Mindanao).
Hosts: *Balanocarpus heimii*, *Cotylelobium* sp., *Dipterocarpus grandiflorus*, *Dryobalanops aromatica*, *Endospermum malaccense*, *Hopsea* sp., *Octomeles* sp., *Palaquium* sp., *Parashorea lucida*, *P. malaanan*, *Pentacme* sp., *Shorea bentongensis*, *S. bracteolata*, *S. dasyphylla*, *S. leprosula*, *S. negrosensis*, *S. parvifolia*, *S. singkawang*.
Notes: (1) Schedl 1975a: 15 (citation of holotype invalid). This was originally treated as a subspecies of *shorcamus*. (3) Schedl 1939e: 359 (var. *mutilus*, nomen nudum, an aberration).
References: (ay) Nakashima 1975: 6. (cn) Ishikura 1966. (cc) Nakashima 1975: 6. (hb) Browne 1961c: 210–211. (ds) Browne 1968a: 132–133; Chadwick & Nikitin 1968; Choo, Woo, & Kim 1981: 203; Ishikura 1966; Nakashima 1975: 3; Nobuchi 1977: 117, 1979a: 407; Ohno, Yoneyama, & Nakazawa 1982b: 10, 1987b: 90; Schedl 1936d: 6, 1936j: 21, 1938g: 422, 1966b: 99, 1966g: 33, 1972f: 224. (tx) Nobuchi 1985: 329; Schedl 1936e: 59, 1937e: 544, 1938g: 422, 1939e:

- 1, 1939e: 334, 359, 1942a: 213, 1952b: 366, 1972f: 224, 1978a: 15.
- bigranulatus** Schedl 1980d: 122. Holotype ♂; New Guinea, Wau, Morobe District; Schedl Collection in NHMW, Wien, automatic.
Distribution: New Guinea.
References: (tx) Schedl 1975g: 224, 1980d: 122.
- bituberculatus** Schedl 1975g: 224. Holotype ♂; New Guinea, Wau, Morobe District; Schedl Collection in NHMW, Wien, preoccupied by Nunberg 1967.
References: (tx) Browne 1980f: 215; Schedl 1975g: 224; Wood, S. L. 1981: 121.
- bituberculifer** Wood 1981: 121. Holotype ♂; New Guinea, Wau, Morobe District; Schedl Collection in NHMW, Wien, automatic.
Notes: (1) This is an unneeded replacement name.
References: (tx) Wood, S. L. 1981: 121.
- jeffersi** Browne 1980f: 215. Holotype ♂; New Guinea, Wau, Morobe District; Schedl Collection in NHMW, Wien, automatic.
Notes: (1) This is an unneeded replacement name.
References: (tx) Browne 1980f: 215.
- bihamatus** Schedl 1942a: 209. Syntypes ♂; Sarawak, foot of Mt. Dulit, junction of rivers Tinjar and Lejok; BMNH, London, and Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Sarawak in Borneo).
Notes: (1) The male of this species was originally described as the female of *bicorniger*; an error.
References: (ds) Kolbe 1897: 285; Schedl 1972f: 193. (tx) Schedl 1937e: 547–548, 1942a: 209, 1972f: 193.
- bilobatus** Strohmeier 1911g: 234. Holotype ♂; Peru; Strohmeier Collection.
Distribution: South America (Peru).
References: (ds) Blackwelder 1947: 788; Schedl 1972f: 230; Strohmeier 1912c: 13, 1914c: 25. (tx) Lucas 1920: 522; Schedl 1952h: 72, 1972f: 230; Strohmeier 1911g: 234, 1912c: 13, 1914c: 25.
- bilobipennis** Schedl 1964g: 250. Holotype ♂; Sarawak, Semengoh; BMNH, London.
Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo).
Hosts: *Shorea leprosula*, *S. parvifolia*, *S. pauciflora*.
References: (ds) Browne 1961c: 211, 1980c: 483; Schedl 1972f: 207. (tx) Schedl 1964g: 250, 1972f: 207, 1978b: 16.
- binodulus** Chapuis 1865: 130. Holotype ♀; Bresil meridional, Nova Fribourg; IRSNB, Brussels (Schedl 1960c: 17).
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 788; Gemminger & Harold 1872: 2697; Schedl 1972f: 238; Strohmeier 1912c: 8, 1914c: 23. (tx) Chapuis 1865: 130; Schedl 1934e: 211, 1960c: 17, 1972f: 238; Strohmeier 1912c: 8, 1914c: 23.
- biporus** Blandford 1896e: 109. Syntypes 6, ♂ ♀; Mexico, Guatemala: Quiché Mountains, Capetillo, San Geronimo; BMNH, London. Figures: Blandford 1896e: pl. 4, figs. 19–20.
Distribution: North America (Guatemala/ Hidalgo, Michoacan, Veracruz in Mexico).
References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1957: 19; Ferrer 1942; Schedl 1972f: 220; Strohmeier 1912c: 13, 1914c: 25. (tx) Blandford 1896e: 109; Equihua & Atkinson 1957: 19; Schedl 1939l; 399, 1940a: 327, 1972f: 220; Strohmeier 1912c: 13, 1914c: 25; Wood, S. L. 1966a: 64.
- bipyramidus** Roberts & Morimoto 1986: 165. Holotype ♂; New Guinea: Papua, Gumt, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Xanthomyrtus* sp.
References: (tx) Roberts & Morimoto 1986: 165.
- bisignatus** Schedl 1962f: 164. Holotype ♂; Margherita, Lakhimpur, Assam; FRI, Dehra Dun, lost?
Distribution: Asia (Assam in India/ Malaya).
Hosts: *Shorea assamica*.
Notes: (1) None of the types studied by Schedl, including this one, had reached the FRI by 1981; Schedl's "paratype" is probably the missing type.
References: (ds) Schedl 1972f: 198. (tx) Schedl 1962f: 164, 1972f: 198, 1978b: 16.
- bispinatus** Browne 1984c: 457. Holotype ♂; Tg. Usan (West Irian) to Nagoya (Japan), imported; BMNH, London, automatic.
Distribution: New Guinea.
References: (tx) Browne 1984c: 457.
- trispinatus** Browne 1983a: 561. Holotype ♂; Tg. Usan (West Irian) to Nagoya (Japan), imported, preoccupied by Schedl 1951.
References: (tx) Browne 1983a: 561, 1984c: 457.
- biuncus** Blandford 1896b: 194. Syntypes ♂ ♀; Sumatra; BMNH, London.
Distribution: Asia (Bengal in India/ Malaya), Indonesia (Borneo, Java, Sumatra), Philippine Islands (Luzon).
Hosts: *Actinophora fragrans*, *Albizia falcata*, *Artocarpus clastica*, *Bischofia javanica*, *Cananga odorata*, *Castanospermum* sp., *Dryobalanops aromatica*, *D. biuncus*, *D. oblongifolia*, *Elaeocarpus ganitrus*, *Eusideroxylon zucageri*, *Gluta rengas*, *Heritiera fomes*, *Herce brasiliensis*, *Millettia delhisensis*, *Pasania* sp., *Persea gratissima*, *Piarna* sp., *Schima noronhaiac*, *Semicarpus heterophylla*, *Tectona* sp., *Thea sinensis*, *Xylocarpus granatum*.
References: (en) Ishikura 1966; Yimus & Hua 1980: 216. (hb) Browne 1941 (1961c: 206–207); Kalshoven 1960c: 39, 1960d: 39. (ds) Browne 1961c: 206; Choo, Woo, & Kim 1981: 202;

- Ishikura 1966; Kalshoven 1960d: 39; Murayama 1957a: 37; Nobuchi 1977: 141; Ohno, Yoneyama, & Nakazawa 1952b: 9, 1957b: 89; Schedl 1933c: 176, 1936d: 7, 1962f: 164, 1966b: 89, 1969a: 205, 217, 1972f: 208; Strohmeier 1912c: 18, 1914c: 28; Yunus & Hina 1980: 216. **(tx)** Blandford 1896b: 194; Nobuchi 1985: 329; Schedl 1935j: 1, 1937d: 42, 1941b: 416, 425, 1972f: 208; Strohmeier 1912c: 18, 1914c: 28.
- boettcheri** Schedl 1966b: 89. Holotype ♂: Philippine Is., Mindanao, Kolambugan; MNB, Berlin. Distribution: Philippine Islands (Mindanao). References: **(ds)** Schedl 1966b: 86, 1972f: 198. **(tx)** Schedl 1966b: 89, 1972f: 198, 1978b: 16.
- borneensis** Browne 1983a: 565. Holotype ♂: Lawas (Sarawak) to Nagoya (Japan), imported; BMNH, London. Distribution: Indonesia (Sarawak in Borneo). References: **(tx)** Browne 1983a: 565.
- brasilensis** Nunberg 1959c: 168. Holotype ♂: Brazil; Schedl Collection in NHMW, Wien, automatic. Distribution: South America (Brazil). References: **(ds)** Schedl 1972f: 214, 1976a: 57. **(tx)** Nunberg 1959c: 168; Schedl 1960i: 110, 1972f: 214.
- caudatus** Schedl 1933c: 169. Holotype ♂: Brazil; Schedl Collection in NHMW, Wien, preoccupied by Motschulsky 1863. References: **(ds)** Blackwelder 1947: 789. **(tx)** Nunberg 1959c: 168; Schedl 1933c: 169, 1960i: 110, 1972f: 214.
- breviceaudatus** Nunberg 1939: 232. Holotype ♂: Peru: Lima; Polischen Zoologischen Staatensmuseums, Warsaw. Figures: Nunberg 1939: pl. 16, fig. 3, pl. 19, pl. 21, figs. 4, 6, pl. 22, figs. 3, 10. Distribution: South America (Peru). References: **(ds)** Blackwelder 1947: 789; Schedl 1972f: 238. **(tx)** Nunberg 1939: 232–237, 1940: 50–58; Schedl 1952h: 72, 1972f: 238.
- brevicornis** Wood 1966a: 61. Holotype ♂: Villa Mills near Cerro de la Muerte, Costa Rica, 10,000 feet; Wood Collection. Figures: Wood 1966a: 60. Distribution: North America (Costa Rica). Hosts: *Bruellia costaricensis*. References: **(ds)** Equihua & Atkinson 1987: 19; Schedl 1972f: 220. **(tx)** Equihua & Atkinson 1987: 19; Wood, S. L. 1966a: 60–61.
- brevis** Browne 1975: 306 in Beaver & Browne. Holotype ♂: Thailand; Nakhon Ratchasima, Khao Yai; BMNH, London. Distribution: Asia (Thailand). Hosts: Tree. References: **(tx)** Beaver & Browne 1975: 306–307.
- brownei** Schedl 1979j: 128. Holotype ♂: Malaysia: Penang, Telok Baliang; BMNH, London, automatic. Figures: Browne 1977b: 370 (male declivity). Distribution: Asia (Malaya). References: **(tx)** Schedl 1979j: 128.
- pusillus** Browne 1977b: 370. Holotype ♂: Malaysia: Penang, Telok Baliang; BMNH, London, preoccupied by Schedl 1952. References: **(ds)** Beaver & Browne 1978: 620; Mayne & Donis 1962: 286. **(hb)** Beaver & Browne 1978: 620. **(tx)** Browne 1977b: 370; Schedl 1979j: 128.
- brunneus** Chapuis 1865: 228. Holotype ♂: Bresil, Para; BMNH, London (Schedl 1960c: 42). Distribution: South America (Brazil/ Cayenne). References: **(ds)** Blackwelder 1947: 789; Gemminger & Harold 1872: 2697; Schedl 1972f: 218; Strohmeier 1912c: 14, 1914c: 26. **(tx)** Chapuis 1865: 228; Schedl 1936c: 240, 1939j: 565, 1948f: 283, 1960c: 42, 1972f: 218; Strohmeier 1912c: 14, 1914c: 26.
- burmanus** (Sampson) 1923c: 72 (*Crossotarsus*). Holotype ♂: Burma; BMNH, London. Distribution: Asia (Burma). References: **(ds)** Beeson 1937: 90–92; Schedl 1972f: 236. **(tx)** Beeson 1937: 90–92; Sampson 1923c: 2; Schedl 1936c: 46, 1939b: 395, 1972f: 236.
- caelestis** Roberts & Morimoto 1986: 165. Holotype ♂: New Guinea; Papua, Gumi, Bulolo; BMNH, London. Distribution: New Guinea. Hosts: *Xanthomyrtus* sp. References: **(tx)** Roberts & Morimoto 1986: 165.
- calamus** Blandford 1894d: 137. Syntypes 16 ♂: Miyamoshita, Oshima, Kushin (Higo, Yuyama, etc.), Japan; BMNH, London. Figures: Nakane et al. 1963: pl. 192, Nakashima 1975: 24, Nobuchi 1973b: pl. 2. Distribution: Asia (Fujian in China/ Japan/ Korea/ Taiwan). Hosts: *Aesculus turbinata*, *Castanopsis cuspidata* var. *sieboldii*, *Cleyela japonica*, *Daphniphyllum glaucescens*, *Fagus crenata*, *Ilex* sp., *Machilus thumbergii*, *Meliosoma myriantha*, *Prunus* sp., *Quercus crispula*, *Q. gilva*, *Q. glauca*, *Q. myrsinaefolia*, *Q. stenophylla*. Notes: (3) Murayama 1925b: 232 (described female). References: **(ay)** Nakashima 1972, 1975: 4, 1978. **(cn)** Anonymous 1980g; Kleine 1932a: 402; Shiraki 1952. **(cc)** Inouye et al. 1955: 120; Nakashima 1972, 1975: 4, 1978; Yasumatsu & Watanabe 1965: 70. **(hb)** Inouye et al. 1955: 120; Kleine 1932a: 402; Murayama 1931b: 196; Nakashima 1972. **(ds)** Anonymous 1980g; Blandford 1894c; Choo 1983: 32; Choo & Woo 1985: 163; Kleine 1932a: 402; Ko 1969: 273; Murayama 1929a: 673, 1931b: 196, 1934f: 136, 1936a: 138, 1937c: 579, 1949c:

- 104, 1950b: 1300, 1953: 25, 1954b: 187; Nakane et al. 1963: 384; Nakashima 1975: 3; Nobuchi 1973b: 11; Schedl 1972f: 209; Shiraki 1952; Strohmeier 1912c: 18, 1914c: 28. (tx) Blandford 1894d: 137; Choo 1983: 32; Murayama 1925b: 214, 232, 235, 1936a: 138–139, 1950b: 1300, 1954b: 187; Nakane et al. 1963: 384, pl. 192; Nakashima 1975: 24–27; Nobuchi 1973b: 11, pl. 2; Schedl 1934f: 1647, 1941b: 416, 1972f: 209; Strohmeier 1912c: 18, 1914c: 28.
- calamus fukiensis* Schedl 1941a: 43. Holotype ♂; Fukiien, Kuatun; Schedl Collection in NHMW, Wien (Schedl 1978a: 17).
References: (ds) Schedl 1972f: 209. (tx) Schedl 1941a: 43, 1972f: 209, 1978a: 17.
- caledoniae* Schedl 1974d: 466. Holotype ♂; Ouenaron, N. Caledoniae; Centre Technique Forestier Tropical, Nogent-Sur-Marne, France.
Distribution: New Caledonia Island, New Guinea.
Hosts: Kaori.
Notes: (3) Schedl 1975f: 382 (described female).
References: (ds) Schedl 1979b: 158. (tx) Schedl 1974d: 466, 1975f: 382, 1978b: 17.
- caligatus* Schedl 1972g: 76. Holotype ♂; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1972g: 76, 1978b: 17.
- calignosus* Schedl 1936c: 58. Syntypes ♂; Mt. Makiling, Laguna, Luzon, Philippine Islands; Schedl Collection in NHMW, Wien.
Distribution: Philippine Islands (Luzon).
Hosts: *Displodiscus paniculatus*.
Notes: (1) Schedl 1978a: 17 (citation of holotype invalid).
References: (ds) Schedl 1966b: 91, 1972f: 227. (tx) Nobuchi 1985: 329; Schedl 1936c: 58, 1972f: 227, 1978a: 17.
- canaliculatus* Schedl 1942a: 199. Syntypes ♂; Malaya, Pahang, Bt. Kajang; BMNH, London.
Distribution: Asia (Malaya).
Hosts: *Dialium* sp.
Notes: (1) Schedl 1978a: 18 (types restricted to BMNH series).
References: (ds) Browne 1961c: 199; Schedl 1972f: 198. (tx) Schedl 1942a: 199, 1972f: 198, 1978a: 18.
- candezei* Chapuis 1865: 257. Syntypes 4 ♂, 1 ♀; Borneo, Malacca; BMNH, London (Schedl 1960c: 49).
Distribution: Asia (Malaya/Singapore), Indonesia (Borneo, Malacca).
References: (hb) Browne 1941, 1961c: 198–199. (ds) Browne 1961c: 198–199, 1980a: 371; Gemminger & Harold 1872: 2697; Sampson 1919: 107, 1928b: 394; Schedl 1971f: 150, 1972f: 184; Strohmeier 1912c: 16, 1914c: 27. (tx) Chapuis 1865: 257; Sampson 1919: 107, 1928b: 394; Schedl 1939b: 398, 1960c: 49, 1972f: 184; Strohmeier 1912c: 16, 1914c: 27.
- capitilanus* Roberts & Morimoto 1986: 166. Holotype ♂; New Guinea; Papua, Cumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Macaranga* sp.
References: (tx) Roberts & Morimoto 1986: 166.
- capito* Browne 1984f: 60. Holotype ♂; New Guinea; Morobe District, Mount Kaindi, 2350 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Cinnamomum* sp., *Nothofagus carrii*.
References: (tx) Browne 1984f: 60.
- caravanis* Schedl 1948d: 39. Lectotype ♂; Bolivia, Nor Yungas, Caranavi; Schedl Collection in NHMW, Wien.
Distribution: South America (Bolivia).
References: (ds) Schedl 1972f: 238. (tx) Schedl 1948d: 39, 1952a: 445, 1972f: 238, 1978a: 18.
- carbonescens* (Beeson) 1937: 100 (*Crossotarsus*). Syntypes ♂ ♀; Queensland; Gargarra; FRI, Delhra Dim.
Distribution: Australia (Queensland).
Hosts: *Beilschmidia bancroftii*.
References: (ds) Browne 1981a: 126; Nobuchi 1977: 131; Schedl 1966g: 36, 1972f: 206, 1975f: 352. (tx) Beeson 1937: 100–101; Schedl 1972f: 206.
- carduus* Schedl 1936c: 238. Lectotype ♂; Guyane Francaise, Noveau Chantier; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 18.
Distribution: South America (Cayenne).
References: (ds) Blackwelder 1947: 759; Schedl 1972f: 219. (tx) Schedl 1936c: 238, 1972f: 219, 1978a: 18.
- carinifer* Schedl 1970e: 106. Holotype ♂; Bolivien, Chapare; Schedl Collection in NHMW, Wien.
Distribution: South America (Bolivia).
References: (ds) Schedl 1972f: 238. (tx) Schedl 1970e: 106–107, 1972f: 238, 1978b: 18.
- carinifrons* Schedl 1965b: 87. Holotype ♂; Venezuela, La Macay [La Mucuy]; Schedl Collection in NHMW, Wien.
Distribution: South America (Venezuela).
Hosts: *Acacia decurrens*.
References: (ds) Schedl 1972f: 218. (tx) Schedl 1965b: 87, 1972f: 218, 1978b: 18.
- caryophyllatus* Schedl 1941c: 357. Syntypes ♂ ♀; Ena (Peninsula Letimor), Amboina; Kalshoven Collection, and Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Amboina Island).
Hosts: *Eugenia aromatica*, *E. caryophyllata*.
Notes: (1) Schedl 1978a: 18 (citation of holotype invalid).
References: (hb) Kalshoven 1960c: 36. (ds) Kalshoven 1960c: 36; Schedl 1972f: 188. (tx) Schedl 1941c: 357, 1972f: 188, 1978a: 18.

castigatus (Schedl) 1936c: 47. (*Crossotarsus*).
Lectotype ♂: N. Guinea S.E., Moroka, 1300 m;
Schedl Collection in NHMW, Wien, designated
by Schedl 1975a: 19.

Distribution: New Guinea.

Notes: (1) Schedl 1972f: 237 (to *Platypus*), (3)
Schedl 1942c: 195 (described female).

References: (ds) Schedl 1972f: 237, (tx) Schedl
1936c: 47–48, 1942c: 195, 1972f: 237, 1975a: 19.

cariceps Broum 1880: 541. Holotype ♀: Taïnia,
New Zealand; Broum Collection.

Figures: Milligan 1979: fig. 5.

Distribution: New Zealand.

Hosts: Recorded as *Fagus* sp., now [= *Nothofagus* sp.].

References: (bv) Milligan 1974, 1952a; Ytsma 1956,
1955, 1959, (cn) Milligan 1974, 1979, 1952a; Ytsma
1959, (cc) Milligan 1974; Ytsma 1959; Zervos 1950.

(hb) Milligan 1970a: 61–62, 1979; Nemmam &
Harris 1974: 135, (ds) Hutton 1904: 219; Milligan
1979; Schedl 1972f: 195; Strohmeier 1912c: 19,
1914c: 25, (tx) Broum 1880: 541–542; Milligan
1979: fig. 5; Schedl 1939b: 401, 1972f: 195; Strohmeyer
1912c: 19, 1914c: 25, (ms) Ytsma 1956.

lobatus Broum 1893: 1253. Syntypes?: New Zea-
land; Broum Collection. Synonymy: Schedl
1939b: 401, 1972f: 195.

References: (ds) Gemminger & Harold 1872:
2699; Hutton 1904: 219; Strohmeier 1912c:
19, 1914c: 29, (tx) Broum 1893: 1253; Schedl
1939b: 401, 1952a: 443, 1972f: 195; Strohmeyer
1912c: 19, 1914c: 29.

carus Strohmeier 1913: 163. Syntypes ♂ ♀: Nilgiri
Hills; presumably Strohmeier Collection.

Distribution: Asia (Bhutan/ Burma/ Cambodia/
Assam, Tamil Nadu in India/ Malay/ Pakistan/
Thailand/ Tonkin Island in Vietnam and Vietnam),
Indonesia (Bali, Borneo, Java, Sumatra, Sumba),
Philippine Islands.

Hosts: *Albizzia lucida*, *Amoora rotundifolia*,
Alphonsia ventricosa, *Bischofia javanica*, *Bombax
malabaricum*, *Castanopsis tribuloides*, *Dalbergia
assamica*, *D. latifolia*, *Diospyros pseudo-coccinea*,
Dipterocarpus pilosus, *Dysoxylum* sp., *Ehretia
acuminata*, *Ficus glomerata*, *Gluta travancoricola*,
Hevea brasiliensis, *Lagerstroemia parviflora*,
Mallotus albus, *Meliosma simplicifolia*, *Mesua
ferrea*, *Michelia oblonga*, *Nauclea excelsa*, *Nyssa
javanica*, *Pinus merkusii*, *Podocarpus imbricata*,
Pometia pinnata, *Salmalia malabarica*, *Schinus
noronhai*, *S. wallichii*, *Shorea robusta*, *Swiecenia
macrophylla*, *Talanium hodgsonii*, *Tectona* sp., *Ter-
minalia catappa*, *Tetrameles nudiflora*, *Vatica
lancaefolia*, *Vernonia arborea*.

Notes: (3) Schedl 1941b: 422 (review).

References: (bv) Beeson 1917, (cn) Kalshoven
1960c: 48; Mathur & Singh 1960b: 14, 1961a: 45;
Supriana et al. 1975, (hb) Beaver & Browne 1975:
307; Beeson 1916a: 223, 1917; Browne 1961c:
206; Kalshoven 1960c: 36–37, (ds) Beaver &

Browne 1975: 307; Beeson 1916a, 1961: 264;
Browne 1961c: 206, 1950d: 491; Kalshoven 1960c:
37; Mathew 1952, 1957: 155; Mathur & Singh
1960b: 14, 1961a: 45; Numberg 1960b: 161; Num-
berg & Chujro 1961: 355; Olmo, Yoneyama, &
Nakazawa 1952a: 5, 1952b: 10; Schedl 1962b:
157, 1962f: 165, 1964a: 305, 1965a: 430, 1966b:
91, 1971c: 368, 1971f: 150, 1972f: 209, 1975a:
453; Strohmeier 1914c: 25; Supriana et al. 1975,
(tx) Nobuchi 1955: 329; Schedl 1939c: 1, 1941b:
422, 1942a: 172, 1955d: 273, 1972f: 209; Strohmeyer
1913: 162–163, 1914c: 25; Wylie & Yule
1977.

cupulifer Wichmann 1914a: 413. Syntypes 2;
Rotung, India, 1400 ft., and Debrugari,
Assam; not given. Synonymy: Schedl 1941b:
422.

References: (cn) Kleine 1932a: 310, 402;
Roonwal 1954: 47, (cc) Beeson 1921b: 23,
1923, (hb) Beeson 1923; Kleine 1932a: 310,
402, (ds) Beeson 1921b: 23, 1923, 1941 (1961:
264); Bhasin, Roonwal, & Singh 1955; Kleine
1932a: 310, 402; Roonwal 1954: 47, (tx)
Schedl 1941b: 422, 1972f: 209; Wichmann
1914a: 413–414.

celsus Roberts 1979: 54. Holotype ♂: Papua New
Guinea; 5 km south-west of Onim Hut, Mt.
Gilwe, 240 m; BMNH, London.

Distribution: New Guinea.

Hosts: *Nothofagus pullei* (living tree).

References: (tx) Roberts 1979: 54.

chevrolati Chapuis 1865: 251. Syntypes: de la Non-
velle Guinée et l'île Waigion; 4 ♂, 2 ♀ BMNH,
London, 1 ♂, 1 ♀ IRSNB, Brussels.

Distribution: New Guinea.

Hosts: *Heritiera trifolia*.

References: (bv) Gray, B. 1974b, (cn) Wylie &
Shanahan 1975, (cc) Roberts 1980, (hb) Gray, B.
1974b; Wylie & Shanahan 1975, (ds) Broxne
1980a: 372; Gemminger & Harold 1872: 2695;
Olmo et al. 1955b: 98, 1959: 65; Schedl 1936g:
515, 1962i: 73, 1968c: 264; Strohmeier 1912c:
15, 1914c: 25, (tx) Chapuis 1865: 151; Schedl
1936e: 56, 1937d: 42, 1940b: 434–435, 1941b:
417, 424, 1941e: 155, 1955b: 252, 1960c: 53,
1972f: 209; Strohmeier 1912c: 15, 1914c: 25.

chimbui Schedl 1972f: 207. Holotype ♂: New
Guinea; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1972f: 207, 1975b: 19.

chiriouensis Wood 1966a: 59. Holotype ♂: near
Cerro Punta, Chiriqui Prov., Panama, 5500 feet;
Wood Collection.

Figures: Schedl 1972f: 237, Wood 1966a: 60.

Distribution: North America (Panama).

Hosts: *Inga* sp., *Ochroma* sp.

References: (ds) Equihua & Atkinson 1957: 21;
Schedl 1972f: 235, (tx) Equihua & Atkinson 1957:

- 21; Schedl 1972f: 237–238; Wood, S. L. 1966a: 59–60.
- cicatricosus** Roberts 1989: 264. Holotype ♂: Papua New Guinea: Gumti, Watut Logging Area, Bulolo, 2200 m; NHMW, Wien.
Figures: Roberts 1989: 286.
Distribution: New Guinea.
Hosts: *Xanthomyrtus* sp.
References: (tx) Roberts 1989: 264, 286.
- circulariceps** Schedl 1975f: 382. Holotype ♂: Upper Manki logging area, Bulolo, Morobe District, New Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
Hosts: *Castanopsis acuminatissima*.
References: (tx) Schedl 1975f: 382–383.
- circularis** Chapuis 1865: 285. Holotype ♂: Ile de Waigion; BMNH, London (Schedl 1960c: 55).
Distribution: Indonesia (Sumatra), New Guinea, Philippine Islands.
Notes: (3) Schedl 1936c: 57 (in key, described female).
References: (hb) Browne 1941. (ds) Gemminger & Harold 1872: 269S; Schedl 1972f: 227; Strohmeier 1912c: 1S, 1914c: 2S. (tx) Chapuis 1865: 285; Lucas 1920: 522; Schedl 1933d: 202–203, 1936c: 56–5S, 1939b: 39S, 1960c: 55, 1972f: 227, 1978b: 19; Strohmeier 1912c: 1S, 1914c: 2S.
- circumdentatus** Strohmeier 1910e: 132. Syn-types, sex?; Nilgiri Hills (India orientalis); H.L. Andrews, 1 in Strohmeier Collection.
Distribution: Asia (Karnataka, Tamil Nadu in India).
Hosts: *Machilus macrantha*.
References: (ds) Beeson 1941 (1961: 264); Schedl 1969c: 61, 1972f: 237; Strohmeier 1912c: 19, 1914c: 2S. (tx) Schedl 1972f: 237; Strohmeier 1910e: 132, 1912c: 19, 1914c: 2S.
- clarkei** Browne 1975b: 395. Holotype ♂: Ethiopia: 15 km E Jimma, Badabma Forest, 1870 m; MRCB, Tervuren.
Distribution: Africa (Ethiopia).
References: (tx) Browne 1975b: 395.
- clunalis** Wood 1966a: 67. Holotype ♂: near Moravia, Cartago Prov., Costa Rica, 1500 feet; Wood Collection.
Figures: Schedl 1972f: 195, Wood 1966a: 67.
Distribution: North America (Costa Rica).
References: (ds) Equilma & Atkinson 1957: 20; Schedl 1972f: 195. (tx) Equilma & Atkinson 1957: 20; Schedl 1972f: 195; Wood, S. L. 1966a: 67.
- cluniculus** Wood 1966a: 69. Holotype ♂; Ikuribisi, British Guiana; BMNH, London.
Figures: Schedl 1972f: 195, Wood 1966a: 67.
Distribution: South America (Guyana).
Hosts: *Pouteria guianensis*.
References: (ds) Schedl 1972f: 195. (tx) Schedl 1972f: 195; Wood, S. L. 1966a: 67, 69.
- clumis** Wood 1966a: 68. Holotype ♂: Playon, Puntarenas Prov., Costa Rica, 150 feet; Wood Collection.
Figures: Schedl 1972f: 195, Wood 1966a: 67.
Distribution: North America (Costa Rica).
Hosts: *Cedrela mexicana*.
References: (ds) Equilma & Atkinson 1957: 20; Schedl 1972f: 195. (tx) Equilma & Atkinson 1957: 20; Schedl 1972f: 195; Wood, S. L. 1966a: 67–68.
- coadunatus** Schedl 1975g: 225. Holotype ♂: New Guinea, Wan; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975g: 225, 1978b: 20.
- cognatus** Roberts 1989: 266. Holotype ♂: Papua New Guinea: Upper Manki Logging Area, Bulolo, 1800 m; NHMW, Wien.
Figures: Roberts 1989: 286.
Distribution: New Guinea.
Hosts: *Castanopsis* sp.
References: (tx) Roberts 1989: 266, 286.
- coolepterus** (Schedl) 1935b: 400 (*Crossotarsus*). Holotype ♂: Philippine Islands; Schedl Collection in NHMW, Wien.
Distribution: Philippine Islands.
References: (ds) Schedl 1966b: 91, 1972f: 237. (tx) Nobuchi 1985: 330; Schedl 1935b: 400–401, 1937d: 35, 1952b: 366, 1972f: 237, 1978a: 20.
- collaris** Schedl 1979g: 110. Holotype ♀: Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1979g: 110.
- collatatus** Schedl 1936c: 245. Holotype ♂: Demerara [Guyana]; Schedl Collection in NHMW, Wien.
Distribution: South America (Guyana).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 21S. (tx) Schedl 1936c: 245, 1972f: 21S, 1978b: 20.
- collinus** Browne 1972c: 105. Holotype ♂: Uganda: Ruwenzori Forest; MRCB, Tervuren.
Distribution: Africa (Uganda).
Hosts: *Dombeya goetzenii*, *Macaranga* sp.
References: (tx) Browne 1972c: 105.
- comoreanus** Schedl 1969d: 15. Holotype ♂: Grande Comore; Niombadjon, 505 m; MNHN, Paris.
Distribution: Comoro Islands in Indian Ocean.
References: (ds) Schedl 1969d: 7, 1972f: 200. (tx) Schedl 1969d: 15–16, 1972f: 200, 1977a: 240.
- complanatus** Schedl 1936c: 245. Syntypes ♂ ♀: Guyane Française; Nouveau Chantier, Les Hattes, Charvin (Bas Maroni), St.-Laurent du Maroni; MNHN, Paris and Schedl Collection in NHMW, Wien.
Distribution: South America (Cayenne).

Notes: (1) Schedl 1975a: 20 (type restricted to MNHN, Paris material).

References: (ds) Blackwelder 1947: 789; Schedl 1972f: 214, (tx) Schedl 1936c: 242, 245, 1939b: 399, 1972f: 214, 1975a: 20.

complanus Schedl 1967d: 16. Holotype ♂: Brasilien, Nova Tontonia, Santa Catarina; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).

References: (ds) Schedl 1972f: 214, (tx) Schedl 1967d: 16–17, 1972f: 214, 1975b: 21.

compositus Say 1824: 324. Holotype ♂: Missouri [USA]; Say Collection, lost.

Figures: Atkinson 1989c; Solomon & Payne 1986: 23. Distribution: Africa (Seychelles Islands), Antilles Islands (Puerto Rico), Madagascar, North America (Costa Rica/ Guatemala/ Mexico/ Alabama, Arkansas, Florida, Illinois, Louisiana, Maryland, Mississippi, Missouri, New York, North Carolina, South Carolina, Tennessee, Texas, Virginia, West Virginia in USA), South America (Argentina/ Brazil/ Cayenne/ Guyana/ Venezuela).

Hosts: *Carya* spp., *Cassia siamea*, *Dacrynodes excelsa*, *Diospyros* sp., *Fraxinus* sp., *Magnolia grandiflora*.

References: (ay) Boving & Craighead 1931; Francke-Grosman 1956b: 292; Hopkins 1894g; Khalaf 1980: 339, (bv) Atkinson, Foltz, & Connor 1985; Dethier 1947, (cn) Anonymous 1895: 72, 1966f, 1966h; Beal & Massey 1945: 65; Beal et al. 1952: 114–115; Blackman 1950: 342–343; Chamberlin 1939: 107–111; Christian 1939: 110; Craighead 1935: 139; Creighton 1945: 706; Doane et al. 1936; Dorsey & Leach 1955: 222; Ebeling 1950: 535, 1959; Felt 1924: 275, 1926: 275, 1930a: 275; Fisher, Thompson, & Webb 1953, 1954b: 3–15; Head 1966a: 4; Herrick 1935: 375; Hopkins 1894: 277, 1896d: 250, 1897b: 151, 1904a: 39, 45, 1905: 351–395, 1907b: 2; Hubbard 1897b: 14; Kowal 1949b: 470–475; Riley 1893b: 17; Rosenfeld 1910: 216; Schuder 1969: 82; Snyder 1927: 10–12; Solomon & Payne 1986, (ce) Baker 1963: 222–265; Batra 1963a, 1963b: 216; Chamberlin 1925: 34, 1939: 107–111; Equihua & Atkinson 1986: 624; Felt 1906: 720; Francke-Grosman 1956b: 292; Pierce, W. D. 1908: 350; Verrall 1941: 552, 1943: 125; Webb 1945: 75, (hb) Atkinson 1989c; Atkinson, Foltz, & Connor 1988; Baker, W. L. 1972: 273; Beal & Massey 1945: 65; Blackman 1922b: 38–39, 1950; Chamberlin 1939: 107–111; Chittenden 1890; Deyrup & Atkinson 1987a: 64; Doane et al. 1936; Dyakowski 1911; Ebeling 1950; Equihua & Atkinson 1986: 624; Felt 1906: 720, 1926: 275, 1930a: 275; Herrick 1935: 375; Hetrick 1967; Hopkins 1894g, 1904a: 39, 45, 1905a: 384, 1907: 2, 1910: 2; Hubbard 1897a: 426, 1897b: 14; Husson 1955: 350; Ostmark 1968; Pierce, W. D. 1907: 289; Schedl 1977b: 241; Solomon & Payne 1986; White, R. E. 1983: 326, (ds)

Anonymous 1926c: 514, 1966f, 1966h, 1979i; Atkinson 1989c; Atkinson & Equihua 1987: 20; Atkinson et al. 1991: 153; Beal & Massey 1945: 65; Blackman 1922b: 38–39, 1950; Blackwelder 1947: 789; Blandford 1895b, 1896c; Blatchley & Leng 1916: 583; Brimley 1938: 245–248; Chamberlin 1925, 1939: 107–111; Chapuis 1865: 163–164; Chittenden 1890; Currie 1905; Deyrup & Atkinson 1987a: 64; Dozier 1918: 374; Drooz 1985: 376; Ebeling 1950, 1959; Equihua 1985: 143; Equihua & Atkinson 1986: 624, 1987: 20; Erichson 1836: 65; Felt 1926: 275, 1930a: 275; Ferrer 1942; Frost 1964: 144; Gemminger & Harold 1872: 2698; Glick 1939: 37, 70; Henshaw 1885: 147; Hoffmann 1940: 60, 1942: 12; Hopkins 1893a: 127, 1893b: 207; Kirk 1969, 1970; Leng 1920: 337; Leonard 1928: 514; Martorell 1945: 468; Melsheimer 1853: 87; Numberg 1963: 107, 1972b: 189; Ostmark 1968; Riley 1894: 227; Riley & Howard 1891: 418; Rosewell 1920: 148; Schedl 1933c: 171, 1972f: 231, 1977b: 241, 1977d: 281; Schwarz 1878d: 468, 1882: 823; Schwerdtfeger 1960: 255–259; Staines, C. L. 1982; Strohmeier 1911f: 204, 1912c: 10, 1914c: 24; Swaine 1909: 84; Wolcott 1948: 384; Wood, S. L. 1979a: 1, (tx) Atkinson 1989c; Beal & Massey 1945: 65; Blackman 1922b: 38–39; Blandford 1895b: 89–94, 1896c: 106; Blatchley & Leng 1916: 583–584; Boving & Craighead 1931; Chamberlin 1939: 107–111; Chapuis 1865: 37, 163–164; Equihua & Atkinson 1987: 20; Erichson 1836: 65; Gardner 1932b: 1; Hubbard 1897b: 14; LeConte 1868: 151, 1876: 344, 1878a: 468; Sampson 1922: 141; Say 1824: 182; Schaufuss 1897: 222; Schedl 1933a: 400, 1937d: 38–39, 1939b: 399, 1940a: 324, 1955g: 48, 1960c: 25, 1961e: 128, 157, 1969d: 9, 12, 1972f: 231, 1977b: 241; Schwarz 1889b: 149; Solomon & Payne 1986: 23; Strohmeier 1911f: 204, 1912c: 10–11, 1914c: 24; Swaine 1909: 84; Wood, S. L. 1979a: 1.

tremiferus Chapuis 1865: 174. Syntypes ♂ ♀; Louisiane et de Texas: 1 ♀ in BMNH, London, 2 ♂, 2 ♀ in IRSNB, Brussels. Synonymy: LeConte 1876: 344.

References: (cn) Schwerdtfeger 1960b, (ds) Gemminger & Harold 1872: 2700; Leng 1920: 337; Sampson 1928a: 3; Schwerdtfeger 1960b: 258; Strohmeier 1912c: 13, 1914c: 25; Swaine 1909: 84, (tx) Chapuis 1865: 174; LeConte 1865: 151, 1876: 344; Sampson 1928a: 3; Schedl 1955g: 48, 1960c: 29, 1972f: 231; Strohmeier 1912c: 13, 1914c: 25; Swaine 1909: 84; Wood, S. L. 1979a: 1.

perfosus Chapuis 1865: 176. Syntypes ♂ ♀; de l'Amerique boreale, de la Louisiane: 1 ♂, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 29). Synonymy: LeConte 1876: 344.

References: (ds) Gemminger & Harold 1872: 2699; Leng 1920: 337; Strohmeier 1912c: 11, 1914c: 25; Swaine 1909: 84, (tx) Chapuis 1865:

- 176; LeConte 1868: 151, 1876: 344; Schedl 1960c: 29, 1972f: 231; Strohmeier 1912c: 11, 1914c: 25; Swaine 1909: 84; Wood, S. L. 1979a: 1.
- rugosus* Chapuis 1865: 176. Holotype ♂; Amerique boreale, Lonsiane and Texas; IRSNB, Brussels (Schedl 1960c: 29). Synonymy: LeConte 1876: 344.
- References: (ds) Gemminger & Harold 1872: 2700; Leng 1920: 337; Strohmeier 1912c: 12, 1914c: 25; Swaine 1909: 84. (tx) Chapuis 1865: 176; LeConte 1868: 151, 1876: 344; Schedl 1960c: 29, 1972f: 231; Strohmeier 1912c: 12, 1914c: 25; Swaine 1909: 84; Wood, S. L. 1979a: 1.
- subcaerifrons* Chapuis 1865: 177. Syntypes 2 ♀; de Rio-Janeiro; BMNH, London (Schedl 1960c: 29). Synonymy: Schedl 1972f: 231.
- References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Strohmeier 1912c: 13, 1914c: 25. (tx) Chapuis 1865: 177; Schedl 1960c: 29, 1972f: 231; Strohmeier 1912c: 13, 1914c: 25; Wood, S. L. 1979a: 1.
- rudifrons* Chapuis 1865: 179. Holotype ♀; de Teapa; IRSNB, Brussels (Schedl 1960c: 30). Synonymy: Schedl 1960c: 25, 30.
- References: (ds) Blackwelder 1947: 790; Ferrer 1942; Gemminger & Harold 1872: 2700; Numberg 1963c: 107; Schedl 1933c: 172; Strohmeier 1912c: 12, 1914c: 25. (tx) Blandford 1896e: 106; Chapuis 1865: 179; Schedl 1933a: 400, 1933c: 172, 1940a: 325, 1960c: 25, 30, 1972f: 231; Strohmeier 1912c: 12, 1914c: 25; Wood, S. L. 1979a: 1.
- diegensis* Schaufuss 1897a: 222. Holotype ♀; Madagascar; Hamburg Museum, lost. Synonymy: Schedl 1972f: 231.
- References: (cn) Beaver 1988a: 70. (hb) Beaver 1988a: 70. (ds) Alluaud 1900: 441; Beaver 1988a: 70; Schedl 1969d: 9; Strohmeier 1912c: 11, 1914c: 24. (tx) Schaufuss 1897a: 222; Schedl 1961e: 157, 1972f: 231; Strohmeier 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 1.
- foraminosus* Schedl 1933a: 400. Holotype ♀; Rio Janeiro, Brazil; BMNH, London. Synonymy: Schedl 1972f: 231.
- References: (ds) Blackwelder 1947: 789. (tx) Schedl 1933a: 400, 1972f: 231, 1978a: 30; Wood, S. L. 1979a: 1.
- concaerifrons* Schedl 1975f: 383. Holotype ♀; Karamui, Chimbu Dist., New Guinea; Schedl Collection in NHMW, Wien.
- Distribution: New Guinea.
- References: (tx) Schedl 1975f: 383.
- concentriporus* Roberts 1979: 85. Holotype ♂; Papua New Guinea: 14 km south-west of Onim Hut, Mount Giluwe, 2900 m; BMNH, London.
- Distribution: New Guinea.
- Hosts: *Schizomeria* sp.
- References: (tx) Roberts 1979: 85.
- conciliatus* Schedl 1936c: 225. Holotype ♂; Guyana; Schedl Collection in NHMW, Wien.
- Distribution: South America (Guyana).
- References: (ds) Blackwelder 1947: 789; Schedl 1972f: 235. (tx) Schedl 1936c: 225, 1972f: 235, 1978b: 21.
- concinulus* Blandford 1896e: 111. Syntypes ♂ ♀; Guatemala: Pantaleon, Zapote; BMNH, London.
- Figures: Blandford 1896e: pl. 4, fig. 23.
- Distribution: North America (Guatemala).
- References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1957: 20; Schedl 1972f: 218; Strohmeier 1912c: 14, 1914c: 26. (tx) Blandford 1896e: 111–112; Equihua & Atkinson 1957: 20; Schedl 1936c: 244, 1972f: 218; Strohmeier 1912c: 14, 1914c: 26.
- conjunctus* Schedl 1957d: 121. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.
- Distribution: Africa (Zaire).
- Hosts: *Drypetes* spp.
- Notes: (1) This name is junior to *cupulatus conjunctus* Schedl 1941: 420; however, the senior name appears to be no more than an aberration and, as such, has no status in nomenclature (SNM).
- References: (ds) Mayne & Donis 1962: 281; Schedl 1962k: 640, 1972f: 215. (tx) Schedl 1957d: 120–121, 1962k: 640, 1972f: 215, 1978b: 21.
- connexus* Wood 1966a: 65. Holotype ♂; Volcan Irazu, Cartago Prov., Costa Rica, 7000 feet; Wood Collection.
- Figures: Schedl 1972f: 220, Wood 1966a: 67.
- Distribution: North America (Costa Rica).
- Hosts: *Quercus* sp.
- References: (ds) Equihua & Atkinson 1957: 20; Schedl 1972f: 220. (tx) Equihua & Atkinson 1957: 20; Schedl 1972f: 220; Wood, S. L. 1966a: 65–67.
- consequens* Schedl 1970e: 107. Holotype ♂; Brasilien, Amazonas, Sierra Neblina, N. Rio Cauaburi; Zoologischen Sammlungen des Bayerischen Staates, München.
- Distribution: South America (Brazil).
- References: (ds) Schedl 1970e: 86, 1972f: 235. (tx) Schedl 1970e: 107–108, 1972f: 235.
- contaminatus* (Blandford) 1894d: 131 (*Crossotarsus*). Syntypes 4 ♀; Japan; Higo; BMNH, London.
- Figures: Nobuchi 1967: pl. 2, 1973b: pl. 2.
- Distribution: Asia (Fujian in China/ N India/ Japan/ Taiwan).
- Hosts: *Actinodaphne lancifolia*, *Aesculus turbinata*, *Fraxinus commemoralis*, *F. langinosa*, *F. sieboldii*, *Lindera erythrocarpa*, *Machilus thunbergii*, *Pterocarpa rhoifolia*.
- References: (ds) Blandford 1894c; Murayama 1934f: 137, 1936a: 140, 1937c: 551; Nobuchi 1967: 25, 1973b: 12, 1977: 130; Schedl 1960e:

- 173, 1972f: 200; Strohmeier 1912c: 5, 1914c: 35. (tx) Blandford 1894d: 131–132; Murayama 1936a: 146–147; Nobuchi 1967: pl. 2, 1973b: 12, pl. 2; Schedl 1934f: 1647, 1941a: 43, 1955h: 46, 1972f: 200; Strohmeier 1912c: 5, 1914c: 35.
- contextus** Schedl 1963d: 229. Holotype ♂: Bolivia tropical, Region Chapare, 400 m; Schedl Collection in NHMW, Wien.
Distribution: South America (Bolivia).
References: (ds) Schedl 1972f: 205. (tx) Schedl 1963d: 229, 1972f: 205, 1975b: 21.
- contractus** Chapuis 1865: 148. Holotype ♂: Colombia; IRSNB, Brussels (Schedl 1960c: 22).
Distribution: North America (Guatemala), South America (Colombia).
References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1957: 20; Gemminger & Harold 1872: 269S; Schedl 1966f: 77, 1972f: 23S; Strohmeier 1912c: 5, 1914c: 23. (tx) Chapuis 1865: 148; Equihua & Atkinson 1957: 20; Schedl 1960c: 22, 1972f: 23S; Strohmeier 1912c: 5, 1914c: 23.
- convexicauda** Schedl 1935n: 636. Lectotype ♂: Malaya States: Pahang, Jabit Forest Reserve; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 21.
Distribution: Asia (Malaya), Indonesia (Java).
Hosts: *Pasania sundaica*, *Quercus* sp.
References: (hb) Browne 1935a, 1941. (ds) Beeson 1941 (1961: 264); Browne 1935a, 1961c: 212; Schedl 1972f: 195. (tx) Schedl 1935n: 635–636, 1972f: 195, 1975a: 21.
- convexus** Schedl 1972g: 77. Holotype ♂: Surinam, Moengo; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil/ Suriname).
References: (ds) Schedl 1972f: 187, 1976a: 57. (tx) Schedl 1972f: 187, 1972g: 77, 1975a: 21.
- cordiger** Chapuis 1865: 275. Holotype ♀: de la presqu'île de Malacca (Singapore) et de Borneo (Sarawak); IRSNB, Brussels (Schedl 1960c: 52).
Distribution: Asia (Andaman Islands in India/ Malaya/ Singapore/ Vietnam), Indonesia (Borneo), New Guinea.
Hosts: *Diospyros pyrriocarpa*, *Dipterocarpus indicus*, *D. turbinatus*, *Dysoxylum* sp.
References: (cn) Ishikura 1966. (hb) Browne 1941. (ds) Beeson 1941 (1961: 264); Browne 1961c: 213; Gemminger & Harold 1872: 269S; Ishikura 1966; Schedl 1972f: 186, 1974c: 262; Strohmeier 1912c: 17, 1914c: 2S. (tx) Chapuis 1865: 275; Lucas 1920: 522; Schedl 1939b: 399, 1941c: 365, 1960c: 52, 1972f: 186; Strohmeier 1912c: 17, 1914c: 2S. (ms) Lucas 1920: 522.
- cordiger bifrons** Chapuis 1865: 276. Syntypes ♀: Borneo (Sarawak); BMNH, London.
References: (ds) Sampson 1928b: 394; Schedl 1972f: 186. (tx) Chapuis 1865: 275–276; Sampson 1928b: 394; Schedl 1972f: 186.
- cornirentis** Schedl 1968f: 536. Holotype ♂: New Guinea, River Tor (mouth), 4 km E Hol Maffen; BPBM, Honolulu.
Distribution: New Guinea.
References: (ds) Schedl 1972f: 100. (tx) Schedl 1968f: 535–537, 1972f: 100, 1975a: 21.
- cornutus** Schedl 1942a: 208. Holotype ♂: Borneo; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Borneo).
References: (ds) Schedl 1972f: 190. (tx) Schedl 1942a: 208, 1972f: 190, 1975b: 21.
- coronatus** Schedl 1933c: 170. Holotype ♀: Costa Rica, Vara Blanca, 1700 m; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica).
Hosts: *Ahus acuminata*, *Brancheia costaricensis*.
Notes: (3) Schedl 1939k: 720 (described male).
References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1957: 20; Schedl 1933c: 170, 1972f: 205. (tx) Equihua & Atkinson 1957: 20; Schedl 1933c: 170, 1939k: 720–722, 1972f: 205, 1975b: 21; Wood, S. L. 1966a: 57, 1966b: 17.
- platyurus** Schedl 1933c: 176. Holotype ♂: Costa Rica, Santiago, 1080 m; Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 17.
References: (ds) Blackwelder 1947: 790. (tx) Schedl 1933c: 176, 1972f: 205; Wood, S. L. 1966b: 17.
- costaricensis** Schedl 1936i: 101. Holotype ♂: Costa Rica; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica).
References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1957: 21; Schedl 1972f: 231. (tx) Equihua & Atkinson 1957: 21; Schedl 1936i: 101–102, 1972f: 231, 1975b: 22.
- costipennis** Schedl 1933a: 398. Holotype ♂: Mexico (Tehuacan); BMNH, London.
Distribution: North America (apparently Mexico in Mexico).
Notes: (3) Because Tehuacan collected on the slopes of Volcan Popocatepetl, it is presumed that the type locality was near there; the Tehuacan notes are at BMNH, London.
References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1957: 21; Ferrer 1942; Schedl 1972f: 23S. (tx) Equihua & Atkinson 1957: 21; Schedl 1933a: 398–400, 1940a: 324, 1972f: 23S.
- crassicornis** Schedl 1975f: 384. Holotype ♂: Mt. Kaindi, M. District, New Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
Hosts: *Ardisia* sp.
References: (tx) Schedl 1975f: 384.
- inversus** Roberts 1979: 88. Holotype ♂: Papua New Guinea: 8 km south-west of Onim Hut, Mount Giluwe, 2450 m; BMNH, London. Synonymy: Roberts 1989: 285.
References: (tx) Roberts 1979: 88, 1989: 285.

crassiusculus Schedl 1935j: 3. Holotype ♂: Sumatra. Medan; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Sumatra).
References: (ds) Schedl 1935j: 3, 1972f: 193. (tx) Schedl 1935j: 3, 1972f: 193, 1978a: 22.

crassus Strohmeier 1913: 162. Holotype ♂: Brit. New Guinea; Aroa Fluss; SMTD, Dresden.
Distribution: New Guinea.
References: (ds) Schedl 1972f: 193; Strohmeier 1914c: 29. (tx) Schedl 1935j: 3, 1936e: 53, 1940b: 435, 1972f: 193; Strohmeier 1913: 162, 1914c: 29.

crubicollis Blandford 1896c: 108. Syntypes 2 ♂: Panama, Bugaba; BMNH, London.
Figures: Blandford 1896e: pl. 4, fig. 18.
Distribution: North America (Panama).
References: (ds) Blackwelder 1947: 789; Equilina & Atkinson 1987: 21; Schedl 1972f: 231; Strohmeier 1912c: 11, 1914c: 24. (tx) Blandford 1896c: 108–109; Equilina & Atkinson 1987: 21; Schedl 1972f: 231; Strohmeier 1912c: 11, 1914c: 24.

cupulatus Schedl 1941b: 420. Syntypes ♂ ♀: Sumatra, Indragiri; Kalshoven Collection and Schedl Collection in NHMW, Wien.

Distribution: Asia (Burma/ Andaman Islands in India/ Malaya/ Vietnam), Indonesia (Borneo, Java, Malacca, Sumatra, Sunda Islands), New Guinea, Philippine Islands.

Notes: (1) Schedl 1978a: 22 (citation of holotype invalid).

References: (cn) Supriana et al. 1978. (hb) Browne 1961c: 204. (ds) Browne 1956b: 333; Ohno, Yoneyama, & Nakazawa 1957b: 59; Schedl 1972f: 209, 1975c: 384, 1975e: 452, 1975j: 294, 1978a: 22, 1979h: 158; Supriana et al. 1978. (tx) Schedl 1941b: 420, 1972f: 209, 1978a: 22.

cupulatus piccus Schedl 1941b: 419. Holotype ♂: Malaya; Pahang, Bukit F.R.; Schedl Collection in NHMW, Wien.

References: (hb) Browne 1961c: 203. (ds) Schedl 1941b: 419, 1972f: 209. (tx) Schedl 1972a: 209, 1978a: 22.

cupulatus conjunctus Schedl 1941b: 420. Holotype ♂: Malayische Halbinsel; Schedl Collection in NHMW, Wien.

Notes: (3) This may be no more than an aberration.

References: (hb) Browne 1961c: 203. (ds) Schedl 1972f: 209. (tx) Schedl 1941b: 420–421, 1972f: 209, 1978a: 22.

cupulatus Chapuis 1865: 278. Syntypes 2 ♂, 1 ♀: de l'île de Borneo, Sarawak; BMNH, London (Schedl 1960c: 52).

Distribution: Asia (Bhutan/ Burma/ Hainan Island in China/ Andaman Islands, Tamil Nadu in India/ Malaya/ Sri Lanka/ Thailand/ Tonkin Island in Vietnam), Australia (Victoria), Hawaiian Islands, Indonesia (Malacca, Sarawak in Borneo, Sumatra, Sunda Islands), New Guinea, Philippine Islands (Luzon).

Hosts: *Agathis alba*, *Agave sisalana*, *Albizia falcata*, *Alstonia* sp., *Artocarpus* sp., *Austrobraxus nitidus*, *Bombax malabaricum*, *Coelostegia griffithii*, *Croton* sp., *Dipterocarpus pilosus*, *Dolichandrone stipulata*, *Dryobalanops oblongifolia*, *Durio cariuatata*, *Dyera costulata*, *Elaeocarpus ganitrus*, *Endospermum malaccense*, *Enterolobium saman*, *Eugenia glomerata*, *E. jambolana*, *Eusideroxyylon zwageri*, *Ficus glomerata*, *Garcinia* sp., *Hevea brasiliensis*, *Intsia palenbanica*, *Ixonanthes reticulata*, *Lanuca grandis*, *Palaquium* sp., *Parkia speciosa*, *Persca gratissima*, *Polyosma* sp., *Pterocarpus dalbergioides*, *Shorea guiso*, *S. leprosula*, *S. maxwelliana*, *S. ovalis*, *S. robusta*, *S. uliginosa*, *Styrax benzoin*, *Swintonia floribunda*, *Tectona grandis*, *Terminalia bellerica*, *T. catappa*, *Vatica staphiana*, *Xylia dolabriformis*.

References: (ay) Strohmeier 1918: 5. (bv) Beeson 1917; Meixner 1937: 1217. (cn) Beeson 1916: 1–5; Browne 1935b: 182–186, 1935b: 77–86, 1949e; Corbett & Gater 1926b: 261; French 1911; Kalshoven 1960d: 49; Kleine 1932a: 310, 402; Leeftmans 1927: 1–60; Mathur & Singh 1960a: 34, 1960b: 43, 1961a: 45, 1961b: 13; Pierce, W. D. 1917: 218; Stebbing 1914: 626; Yunn & Hua 1950: 216. (ce) Beeson 1921b; Browne 1955b; Fuller 1955: 100; Speyer 1923: 11–23; Stebbing 1914: 626. (hb) Beaver & Browne 1975: 615; Beeson 1916a: 223, 1917; Browne 1935a, 1941, 1955b, 1961c: 203–204; Kalshoven 1960c: 36; Kleine 1932a: 310, 402; Mercer 1982: 210; Speyer 1923: 23; Stebbing 1914: 626. (ds) Beaver & Browne 1975: 307, 1978: 618; Beeson 1916a: 223, 1921b: 23, 1961: 264; Browne 1935a, 1961c: 203–204, 1950b: 351; Corbett & Gater 1926b: 261; French 1911; Gemminger & Harold 1872: 2698; Kalshoven 1960d: 37; Kleine 1932a: 310, 402; Mathur & Singh 1960a: 34, 1960b: 43, 1961a: 45, 1961b: 13; Mercer 1982: 210; Murayama 1936b: 113; Nobuchi 1977: 135; Ohno, Yoneyama, & Nakazawa 1952b: 10, 1957b: 89; Pierce, W. D. 1917: 218; Sampson 1928b: 391; Schedl 1935k: 479–489, 1936d: 7, 22, 1936g: 515, 1936j: 22, 1937f: 15, 1959e: 168, 1961c: 70, 1962b: 187, 1962f: 165, 1964c: 304, 1965g: 24, 1966b: 92, 1966g: 33, 1969e: 156, 1971c: 367, 1971f: 150, 1972f: 209, 1974c: 262, 1975a: 452; Strohmeier 1911f: 204, 1912c: 18, 1914c: 28; Yunn & Hua 1950: 216. (tx) Browne 1955: 368; Chapuis 1865: 278; Lea 1910: 135; Lucas 1920: 522; Meixner 1937: 1217; Nobuchi 1955: 329; Sampson 1928b: 391; Schedl 1935n: 635, 1936e: 56, 1937d: 41, 1939b: 394, 1939c: 1, 1941b: 419, 1942a: 172, 1952b: 366, 1953b: 124, 1953c: 291, 1954a: 145, 1955b: 102, 1960c: 53, 1972f: 209; Stebbing 1914: 626; Strohmeier 1911f: 204, 1912c: 18, 1913: 162, 1914c: 28; Wylie & Yule 1977. (ms) Lucas 1920: 522.

cupulatus blumi Schedl 1979h: 158. Syntypes

♂ ♀: Ostliche Neu Guinea, 4.25–4.30 S, 140 Long., Eipome-Fäl, Murggona; Schedl Collection in NIMW, Wien.

References: (tx) Schedl 1979h: 15S.

curtatus Sampson 1923b: 286. Syntypes ♂ ♀: Panglhora Block, Upper Tondu, India; BMNH, London.

Distribution: Asia (Assam, Bengal in India).

Hosts: *Anoora wallichii*, *Artocarpus lakoocha*, *Beilschmiedia sikkimensis*, *Eugenia jambolana*, *Girtona jentustiana*, *Machilus odoratissimus*, *Quercus lanellosa*, *Shorea robusta*, *Tetraneles midiflora*, *Vatica lanceaefolia*.

References: (cn) Mathur & Singh 1961a: 45, 1961b: 46; Roonwal 1954: 66, (ds) Beeson 1961: 264; Blasin, Roonwal, & Singh 1955; Mathur & Singh 1961a: 45, 1961b: 46; Roonwal 1954: 66; Schedl 1962f: 165, (tx) Sampson 1923b: 286; Schedl 1972f: 155.

curtus Chapuis 1865: 261. Syntypes ♂; de la presqu'île de Malacca (Singapour), et de l'île de Bornéo (Sarawak); 1 in BMNH, London.

Distribution: Asia (Burma/ Fujian in China/ Assam in India/ Malaya/ Singapore/ Taiwan/ Thailand/ Vietnam), Australia (Queensland), Indonesia (Borneo, Sumatra), Philippine Islands.

Hosts: *Balanocarpus licinii*, *Dipterocarpus bandii*, *D. crinitus*, *Dryobalanops aromatica*, *D. camphora*, *Durio carinatus*, *Endospermum malaccense*, *Hopsea odorata*, *Intsia palembanica*, *Koompassia excelsa*, *Parashorea lucida*, *Shorea bentongensis*, *S. faugetiana*, *S. leprosulda*, *S. parviflora*, *S. robusta*, *S. pauciflora*, *S. sericeiflora*, *S. uliginosa*, *Swintonia floribunda*.

References: (ay) Nakashima 1975: 5, (bv) Beeson 1917, (cn) Beeson 1915: 8–11, 1916: 1–5; Halperin & Menier 1951; Ishikura 1966; Kleine 1932a: 310, 402; Mathur & Singh 1960b: 5, 1961a: 3S; Pierce, W. D. 1917: 194; Sen-Sarma & Thakur 1956: 37; Stebbing 1914: 624; Yunus & Hua 1980: 216, (cc) Beeson 1921b: 24, 1923; Browne 1955b; Nakashima 1975: 5; Stebbing 1914: 624; Thompson, W. R. & Simmonds 1964: 34, 1965: 30, (hb) Beaver & Browne 1978: 619; Beeson 1916a: 222, 1917, 1923; Browne 1935a, 1941, 1955b, 1961c: 199–200; Kalshoven 1960c: 36; Kleine 1932a: 310, 402; Mercer 1952: 210; Stebbing 1914: 624, (ds) Beaver & Browne 1978: 619; Beeson 1916a: 222, 1921b: 24, 1923, 1961: 264; Browne 1935a, 1961a: 312, 1961c: 199–200, 1966: 237, 1965a: 133; Choo, Woo, & Kim 1951: 202; Gemminger & Harold 1872: 269S; Halperin & Menier 1951; Ishikura 1966; Kalshoven 1960d: 36; Kleine 1932a: 402, 310; Mathur & Singh 1960b: 57, 1961a: 3S; Mercer 1952: 210; Nakashima 1975: 3; Nobuchi 1967: 26, 1977: 118, 1980a; Olmo, Yoneyama, & Nakazawa 1982b: 10, 1987a: 95, 1957b: 59; Pierce, W. D. 1917: 194; Sampson 1925b: 394; Schedl 1936d: 7, 1953f: 83, 1959c:

16S, 1964f: 305, 1964i: 249, 1966b: 92, 1966g: 33, 1971f: 150; Strohlmeyer 1912c: 17, 1914c: 27; Yunus & Hua 1980: 216, (tx) Browne 1955: 369; Chapuis 1865: 261; Nakashima 1975: 42–47; Nobuchi 1955: 32S; Sampson 1925b: 394; Schedl 1935k: 48S, 1935n: 635, 1939b: 39S, 1941a: 43, 1942a: 172, 1950g: S95–S96, 1952b: 365, 1955h: 46, 1960c: 49–50, 1972f: 155, 1975b: 22; Stebbing 1914: 624; Strohlmeyer 1912c: 17, 1914c: 27.

curtus artocurtus Schedl 1960c: 50. Syntypes ♂ ♀: Fukien, Kuatun, 27.40 nBr., oL. 21, 22, 23 [China]; Schedl Collection, and Alexander König Museum, Bonn.

Notes: (1) Schedl 1975a: 23 (citation of holotype invalid).

References: (ds) Schedl 1962f: 165, 1964c: 262, 1972f: 155, (tx) Schedl 1960c: 50, 1972f: 155, 1975a: 23.

curvideus Schedl 1939k: 719. Holotype ♂: Costa Rica, Hamburgfarm, [Rio] Reventazon, Ebene Limon; Schedl Collection in NIMW, Wien.

Distribution: North America (Costa Rica).

References: (ds) Blackwelder 1947: 759; Equihua & Atkinson 1957: 21; Schedl 1972f: 23S, (tx) Equihua & Atkinson 1957: 21; Schedl 1939k: 719, 1972f: 23S, 1975a: 23.

cuspidatus Schedl 1963d: 229. Holotype ♂: Argentinien; Tucuman, Siambon; Schedl Collection in NIMW, Wien.

Distribution: South America (Argentina).

References: (ds) Schedl 1972f: 205, (tx) Schedl 1963d: 229, 1972f: 205, 1975a: 23.

° **cylindricus Burmeister** 1831: 1100. Holotype, sex?: Baltischer Bernstein, Lower Oligocene; not located.

Distribution: Europe (fossil in Lower Oligocene Baltic amber).

References: (hb) Rupertsberger 1879: 231, 1880: 232, (ds) Kugelann 1794: 526, (tx) Burmeister 1831: 1100; Latreille 1807: 277; Kugelann 1794: 526; Olivier 1795b: 4; Rupertsberger 1879: 231, 1880: 232.

cylindrus (Fabricius) 1792: 364 (*Bostrichus*). Syntypes 2 ♂: Germania; UZMC, Copenhagen.

Figures: Acatay 1960: 12, Balachowsky 1949a: 23, 274, 277, 1963b: 1290, Bevan 1957: 116, Duffly 1953: 17, Hickin 1963: 257, Louzil 1961: 10S, Pfeffer 1989a: pls. 1, 14, Postner 1974: 484.

Distribution: Africa (Algeria/ Egypt/ Libya/ Morocco/ Tunisia), Asia (Iran/ Turkey), Europe (Austria/ Belgium/ Bulgaria/ Czechoslovakia/ Denmark/ England/ France/ Germany/ Greece/ Hungary/ Italy/ Netherlands/ Norway/ Poland/ Portugal/ Romania/ Sardinia/ Spain/ Sweden/ Switzerland/ Caucasus, Ukraine in W USSR/ Yugoslavia).

Hosts: *Castanea vesca*, *Cerasus avium*, *Fagus orientalis*, *F. sylvatica*, *Fraxinus* spp., *Platyphthora cambicora*, *Prunus* spp., *Quercus* spp.

- References: **(ay)** Baker, J. M. 1960b, 1965a; Baker, J. M. & Kreger-Van Rij 1964: 433–441; Chapman 1904; Crowson 1938; Dudich 1922: 1–8; Escherich 1923b: 638; Francke-Grosmann 1956b; Fuchs 1912a; Mamaev & Semenova 1961; Menier 1976: 348; Numberg 1928a: 144; Parkin 1943: 64; Roberts 1961c. **(bv)** Baker, J. M. 1956b, 1960b; Espanol 1967a; Menier 1976: 348. **(cn)** Aeloque 1914; Androic 1966: 46; Anonymous 1940b: 9, 1966c, 1972c; Barbey 1901: 115; Becker, C. 1950; Bletchley 1962, 1964; Boocock 1959a, 1959d; Breschke 1954: 104; Browne 1952, 1968b: 570; Cermak 1938; Eckstein 1926: 579; Escherich 1916: 272–273, 1923b: 638, 1936; Fagel & Guilleaume 1945; Falck 1916; Fisher 1933, 1937a, 1954a, 1954b; Gabler 1955; Gebin 1857b: 42, 63; Georgescu et al. 1957: 357, 427; Goidanich & Goidanich 1934; Groschke 1953b, 1954b: 107; Hess 1900: 56; Hess & Beck 1927: 348; Jacquist 1951a: 1, 1951b; Joly 1953, 1956: 192, 1960; Jones 1959a; Judeich & Nitsche 1895: 546; Kamp 1954: 6; Kholodkovskii 1912: 287, 323; Kleine 1932a: 310, 401; Kollar 1849b: 3; Konig, E. 1957: 113; Lapeyronie 1948: 274; Lucas 1880: 26; Maksimovic 1959: 3–13; Marcu 1962; Marie 1922: 306–311; Novak, V., Hrozinka, & Stary 1976: 88; Nusslin 1913: 292; Petrovic 1960: 23; Pierce, W. D. 1917: 154; Reissig 1949: 131; Rhumbler 1922: 335, 1927: 352; Roberts 1961c; Schimitschek 1937c: 61, 1944: 227, 1955a: 136, 1955c: 94, 1961a: 154; Schwerdtfeger 1944a: 185, 1957a: 191; Sinreich 1961: 166; Strohmeier 1906b: 329; Thalenhorst 1950: 90; Vrydagh 1947a: 8; Wachtl 1901: 382; Weber, W. 1926: 581; Weber, T. 1965; Wichmann 1927b: 379; Wolff & Krause 1922: 105; Zwoller 1949: 401. **(ce)** Apel 1983; Arx & Hennebert 1965; Baker, J. M. 1960b, 1963; Baker, J. M. & Kreger-Van Rij 1964: 433, 441; Favard 1962; Fleischer 1911; Francke-Grosmann 1956b; Gauss & Wellenstein 1950; Hicken 1963; Hom 1933: 173; Kangas 1946b: 41; Kleine 1908c: 222, 1909a: 49, 78; Kostenko 1929; Neger 1909b: 408; Nosek 1959a: 118, 1959b: 85, 87; Novak, P. 1952: 417; Nusslin 1927: 352; Perris 1852: 497, 1856a: 197, 244; Pfeffer 1923a: 332, 1928b: 7; Ratzeburg 1869a: 175; Rondani 1873: 158; Scheerpeltz & Hofer 1948: 281; Schimitschek 1955a: 136; Schwerdtfeger 1944a: 185, 1957a: 191; Sedlacek 1935a: 157; Slaby 1947: 375; Turnau 1984; Vite 1952a: 99; Wichmann 1955a: 95. **(hb)** Altum 1881c: 323; Anonymous 1966c, 1972c; Apel 1983; Baeta Neves 1943a; Baker, J. M. 1956a, 1956b, 1960b: 94, 1963: 232–265, 1965a; Balachowsky 1963b: 1290; Barbey 1901: 28, 115; Bargmann 1894d, 1906; Becker, C. 1950; Browne 1968b: 570; Buysson 1910; Cecconi 1905, 1924; Cermak 1938; Chapman 1870a: 103–106, 132–135, 1904; Chittenden 1890; Clandon 1871; Dyakowski 1911; Eckstein 1897, 1915, 1926: 579, 1928; Eichhoff 1881a: 55, 305; Escherich 1923b: 638; Espanol 1964b: 115–116; Falck 1916; Favard 1962; Fisher 1936a; Fleischer 1927; Fuchs 1904a; Furst 1888: 340; Gabler 1955; Gerhard 1908; Girard 1873; Groschke 1953b, 1954b; Henschel 1876a: 217, 219, 242, 1895a: 196; Hergula 1939: 305; Hess 1900: 56; Hess & Beck 1927: 348; Hicken 1963; Husson 1955: 248–356; Jacobi 1906: 148; Jacquiot 1951a: 1–4, 1951b: 283–284; Joly 1953: 3–7; Jones 1959a; Judeich & Nitsche 1895: 546; Karpinski & Strawinski 1948: 157; Karsch 1883: 143; Kholodkovskii 1912: 287, 323; Kleine 1932a: 310, 401; Knotek 1896: 148; Kollar 1849: 3; Konig, E. 1957: 113; Korolev 1959; Lengerken 1954: 325; Lepiney & Mimeur 1932: 46; Liese 1950: 141; Louzil 1961: 27; Luardoni & Leonardi 1889: 492; Madon 1930: 98; Nordlinger 1855: 186, 1869: 335; Nosek 1959a: 118, 1959b: 85, 87; Novak, V., Hrozinka, & Stary 1976: 88; Nusslin 1898: 283, 1913: 292, 1927: 352; Perris 1852: 497, 1856a: 197, 244; Peyerimhoff 1919: 257; Pfeffer 1942a: 2; Postner 1974: 483; Ratzeburg 1837: 168, 188, 1839: 165, 230; Rhumbler 1922: 335, 1927: 352; S. H. 1851: 36; Schimitschek 1944: 227, 1955a: 136; Schwerdtfeger 1944a: 185, 1957a: 191, 1981: 197; Sedlacek 1935a: 157; Strohmeier 1906b: 329, 1907a: 66; Taschenberg 1880: 247; Vite 1952a: 99; Wachtl 1901: 382; Weber, H. 1926: 581; Wichmann 1927b: 379; Wolff 1927: 76; Wolff & Krause 1922: 105. **(ds)** Acatay 1960: 12; Aeloque 1896, 1914; Andersch 1851; Androic 1966: 46; Anonymous 1966c, 1972c; Arnoldi et al. 1955: 736; Audras & Schaefer 1957; Balachowsky 1963b: 1290; Barthe 1896; Bau 1888; Bedel 1888b: 404, 421; Bielz 1851, 1887; Blackwelder 1947: 789; Blanchere & Robert 1889; Bletchley 1962; Borchert 1951; Brakman 1966b: 207; Branesik 1871, 1906; Brown, S. C. S. 1971; Browne 1968b: 570; Buck 1955b: 191; Bucking 1932; Buresh & Lazarov 1956; Buysson 1910; Calver 1854, 1893; Cecconi 1905; Chapuis & Candeze 1853; Chittenden 1890; Chrystal 1937; Debatisse 1945; Dejean 1821, 1825, 1837; Dieckmann 1960: 117; Duffy 1945: 175; Eggers 1904, 1912f; Endrodi 1958a: 69, 1958b; Erichson 1836: 65; Ericson & Sandin 1893; Escalera 1919; Escherich 1923b: 638, 1932b: 43; Espanol 1964b; Eyquem 1891; Fedorov 1930; Fisher 1936a, 1937: 1–3; Fowler 1891; Fricken 1889: 357; Fuchs 1904a, 1905a; Gabler 1949b; Gaubil 1849: 125; Gauss & Wellenstein 1950; Gebin 1857a: 392; Gemminger & Harold 1872: 2698; Gozis 1875: 80; Gredler 1866: 375; Grill 1895: 313; Hallett 1923c; Hamilton 1894b: 406; Hansen, V. 1939, 1956; Hellen 1947; Hennig 1954: 265; Henschel 1895a: 196; Heyden 1876; Heyden, Reitter, & Weise 1883: 182, 1891: 674, 1906: 713; Horion 1935, 1951; Hunefeld 1831: 2000; Illiger 1805: 129; Joly 1960; Judeich & Nitsche 1895: 546–547; Kaltenbach 1874: 632; Kangas 1946d: 35; Karpinski 1926: 83, 1931: 20,

1932b: 56; 1945a: 173; Karpinski & Strawinski 1945: 157; Keler 1925b: 275; Kersten 1933: 76; Kestercanek 1881a: 12; Klefbeck & Sjöberg 1960: 232; Kleine 1932a: 310, 401; Kloft & Hinks 1945: 215; Koca 1905: 192; Kostenko 1929; Kozikowsky 1921: 181; Kraatz 1869: 60; Kurir 1947c: 22; Lacordaire 1866: 391; Langhoffer 1915c: 155–159; 1929: 1196–1203; Leclercq 1971; Leng 1918: 210; Lentz 1857: 140; Lepiney 1927: 145–174; Lepiney & Mimeur 1932: 46; Liese 1950: 141; Lokaj 1860: 64; Lomnicki 1913b: 149; Lompe 1973: Lucas 1880: 26; Lucht 1957: 250; Luna de Carvalho 1947: 15; Luardoni & Leonardi 1889: 492; Masee 1947: 126; Matthews & Fowler 1883: 42; Michel 1937: 24–28; Negrin 1966b: 404; 1968a: 457; Novak, P. 1952: 417; Numberg 1954: 96; Nusslin 1898: 283; Oliveira 1887: 329; Orzlen 1886: 280; Pacher 1865: 152; Pagnetti-Hummiler 1901: 150; Palm 1959: 22, 28, 354; 1966: 18; Parkin 1943: 61–66; Peckaire & Van der Wiel 1946: 76; Perris 1876a: 256; 1877a: 412; Peyerimhoff 1919: 257; Pfeffer 1928b: 7; 1931b: 73; 1936: 90; 1989a: 92; Pierce, W. D. 1917: 154; Postner 1974: 486; Ragusa 1924: 117; Rapp 1934: 738; Ratzelburg 1837: 168; 188; 1839: 165, 230; Redtenbacher 1855: 839; Reissig 1949: 131; Reitter 1869b: 155; 1888b: 280; 1894a: 93; 1916: 306, 352; Romanyk 1959: 425; Roschkamp 1929: 178–180; Roubal 1941: 276; Rye 1866a: 199; 1890: 271; S. H. 1851: 36; Sainte-Claire 1914: 475; Sainte-Claire & Mequignon 1938: 449; Schaschl 1854: 133; Schanfluss 1915: 1201; Schamm 1853: 292; 1859: 96; 1862: 101; Schedl 1961b: 185; 1964a; 1967c: 73; 1971d: 429; 1972f: 189; 1980a: 29; 1981c: 101; Schilsky 1909: 189; Schlotte 1873: 105; Scheerpeltz & Winkler 1930: 253; Scherdtfeger 1981: 197; Seudder 1891: 540; Seidlitz 1872: 389; 1891a: 556; 1891b: 601; Sharp & Fowler 1893: 35; Stark 1927b: 90; 1936c: 142; Stein & Weise 1877: 165; Stephens 1829a: 145; 1830: 355; 1839: 206; Stierlin & Gantard 1871: 294; 1906: 205; Strohmeier 1907e: 170; 1912c: 15; 1914c: 26; Sturm 1843: 231; Swaine 1909: 85; Thomson 1865: 376; 1868: 224; Trappen 1935: 144; Tredl 1907: 19; Vigiani 1943: 102; Villa & Villa 1833: 26; Vite 1953: 41; Vrydagh 1947a; S. Wanka 1908: 231; 1915: 213; Westhoff 1882: 240; Wichmann 1909b: 172; 1955a: 95; Winter, T. C. 1983: 22; Wolff 1927: 76; (tx) Acatay 1960: 12; Aeloque 1896; Altman 1844; Apel 1983; Bach 1854; Balachowsky 1949a: 277; 1963b: 1290; Barbey 1901: 28; 115; Bechstein et al. 1805: 96; Bedel 1888b: 404; 421; Beeson 1938: 295; Bertolini 1872; Brancsik 1871; Calwer 1858; Castelhan 1840; Ceballos 1945; Chapuis 1865: 246; Chapuis & Candeze 1853; Chevrolat 1838; Dejean 1821; 1825; Duffy 1953: 17; Eggers 1912f: 29; 1929c: 42; Eichhoff 1864b: 43; 1881a: 55; 108; 305; 1883a: 117; 144; Emden 1942; Endrodi 1957b: 43; Escherich 1923b: 638; Espanol 1964b; Fabricius 1792: 364;

1801: 384; Fauvel 1889; Fleischer 1905; Formanek 1907: 56; Fricken 1889: 357; Fuchs 1912a; Gabler 1949b; 1955; Girard 1873; Hansen 1956; Henry 1892: 15; Henschel 1876a: 217; 219; 242; 1895a: 196; Hickin 1963: 257; Hopkins 1914: 127; 1915cpl. 9, fig. 18; pl. 12, fig. 18; Houllbert 1922a: 15–16; Iablokoff-Klimzorian 1961: 89; Illiger 1805: 321; Jacobi 1906: 148; Jacquelin du Val & Fairmaire 1868: 108; Judeich & Nitsche 1895: 546; Karpinski & Strawinski 1945: 157; Keler 1928: 1; Korolev 1989; Kulmt 1913: 1061; Lacordaire 1866: 391; Latreille 1803: 204; 1804: 108; Letzner 1891: 378; Lemis 1886: 183; Louzil 1961: 108; Lovendal 1889b: 83; 1898; Lucas 1920: 521; Lucht 1987: 280; Luardoni & Leonardi 1889: 492; Negrin 1966b: 404; Novak, V., Hrozinka, & Stary 1976: 88; Numberg 1928a: 144; 1953: 52; 1954: 96; Panzer 1795: 285; Perris 1877a: 112; Pfeffer 1932b: 27; 1942a: 2; 1955a: 265; 1989apl. 1, 14; Portevin 1935: 339; Postner 1974: 486; Ratzelburg 1837: 168; 188; 1839: 165, 230; Redtenbacher 1849a: 356; 1849b: 26; 1858: 839; Reitter 1894a: 93; 1913a: 112; 1916: 306; 352; Rey 1892b: 31; Rhumbler 1922: 335; 1927: 352; Saunders 1836: 155; Schedl 1934f: 1647; 1937d: 40; 1942a: 200; 1947a: 13; 1952f: 88; 1960c: 47; 1972f: 189; 1980a: 29; 1981c: 101; Schimitschek 1937c: 60–61; 1955c: 94; Seidlitz 1872: 389; 1891a: 556; 1891b: 601; Stephens 1829a: 145; 1829b: 12; 1830: 355; 1839: 206; Stresemann et al. 1989: 357; Strohmeier 1911d: 217; 1912c: 15; 1914c: 26; Swaine 1909: 85; Taschenberg 1880: 247; Thomson 1865: 376; 1868: 224; Westwood 1840: 40. (ms) Boocock 1959a; 1959d; Eggers 1912e; Escherich 1932b; Fisher 1954a; 1954b; Keler 1956: 440; Lucas 1920: 521; Schamm 1854: 148.

platypus Duftschmidt 1825: 87 (*Cylindra*). Syntypes ♂: Wien; not located. Synonymy: Chapuis 1865: 246.

References: (tx) Chapuis 1865: 246; Duftschmidt 1825: 87; Schedl 1972f: 189.

bimaculata Duftschmidt 1825: 88 (*Cylindra*). Syntypes, sex?: Wien; not located. Synonymy: Chapuis 1865: 246.

References: (ds) Schilsky 1909: 189. (tx) Balachowsky 1949a: 277; Chapuis 1865: 246; Duftschmidt 1825: 88; Espanol 1964: 116; Letzner 1891: 378; Schedl 1972f: 189.

flavicornis Kugelann 1872: 496 (*Bostrichus*). Syntypes, sex?: Germany; not located. Synonymy: Strohmeier 1912: 15.

References: (tx) Kugelann 1872: 496; Schedl 1972f: 189.

cylindricornis Reitter 1894: 94. Syntypes ♂♀: Algier (St. Charles); NHMB, Budapest. Synonymy: Balachowsky 1949a: 277.

Notes: (3) Dejean 1837: 333 (*sulcatus*, nomen nudum, synonymy in Strohmeier 1911: 85–88). References: (ay) Escherich 1923b: 638; Korolev 1989; Strohmeier 1918: 1. (cn) Acatay 1943a:

- 73, 1949: 73–74; Escherich 1923b: 638; König, E. 1957: 17; Schimitschek 1955a: 136, 1955c: 94; Weber 1926: 581; Wichmann 1927b: 379. (**cc**) Beauverie 1910b; Schimitschek 1955a: 136; Uchastnova 1955; Vite 1952a: 99. (**hb**) Acatav 1943a: 73; Eckstein 1926: 581; Escherich 1923b: 638; König, E. 1957: 17; Schimitschek 1937: 61, 1955a: 136; Strohmeier 1906j: 329–341, 409–420, 506–511, 1907a: 66, 1910b: 89; Vite 1952a: 99; Weber 1926: 581; Wichmann 1927b: 379. (**ds**) Eckstein 1926: 581; Escherich 1923b: 638; Gabler 1949b; Heyden, Reitter, & Weise 1906: 713; Holdhans 1912: 454; Lima de Carvalho 1950: 15; Normand 1937: 269; Pfeffer 1947d: 126; Reitter 1894a: 94; Roschkamp 1929: 178–180; Schilsky 1909: 189; Strohmeier 1907c: 170–173, 1911c: 106, 1912c: 251, 1914c: 26; Tredl 1907: 20. (**tx**) Balachowsky 1949a: 277; Eggers 1923a: 214; Escherich 1923b: 638; Espanol 1964: 116; Fleischer 1927; Gabler 1949b; Korolev 1959; Kulnt 1913: 1061; Pfeffer 1989a: pl. 12; Portevin 1935: 339; Reitter 1894a: 93–94, 1913a: 113; Schedl 1934f: 1647, 1972f: 189; Schimitschek 1955c: 94, 1972f: 189; Strohmeier 1910g: 85, 1911c: 106, 1912b: 57, 1914c: 26.
- cymbiformis** Roberts 1979: 86. Holotype ♂: Papua New Guinea: 8 km south-west Onim Hut, Mount Giluwe, 2450 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Galbulimima* sp.
References: (**cn**) Schimitschek 1937c: 61, 1938c: 2119, 1939d: 2119, 1944: 227; Schwerdtfeger 1944a: 185, 1957a: 191. (**cc**) Schimitschek 1941a: 317; Schwerdtfeger 1944a: 185, 1957a: 191. (**hb**) Schimitschek 1944: 227; Schwerdtfeger 1944a: 185, 1957a: 191. (**ds**) Strohmeier 1912c: 14. Schimitschek 1937c: 61; Strohmeier 1912c: 14.
- daedalus** Roberts 1986: 41. Holotype ♂: New Guinea: Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Xanthophyllum papuanum*.
References: (**tx**) Roberts 1986: 41.
- darjeelingensis** Schedl 1969c: 61. Holotype ♂: India: W. Bengal, Lepchajagat, 7000', Rangirum 6000', Darjeeling; FRI, Dehra Dun, not found in 1981 by SLW.
Distribution: Asia (Bengal in India).
Hosts: *Acer campbellii*, *Odina fraxinifolia*, *Symplocos theaeifolia*.
Notes: (1) None of the specimens borrowed by Schedl from FRI, Dehra Dun, was ever returned; the types he cites may be represented by the "paratypes" in his collection. (3) Schedl 1969c: 61 (this is *darjeelingensis* Beeson, nomen nudum), 1971c: 389 (described female).
References: (**cn**) Mathur & Singh 1961a: 83. (**ds**) Beeson 1941: 344, 1961: 265; Mathur & Singh 1961a: 83; Schedl 1971c: 362, 1972f: 189. (**tx**) Schedl 1969c: 61–62, 1971c: 389, 1972f: 189, 1975a: 23.
- darlingtoni** Reichardt 1965: 162. Holotype ♂: Toledo Dist., Brit. Honduras; MCZ, Cambridge.
Distribution: North America (Belize).
References: (**ds**) Schedl 1972f: 239. (**tx**) Reichardt 1965: 162; Schedl 1972f: 239.
- dasycauda** Browne 1950a: 376. Holotype ♂: Keelung (Formosa) to Nagoya (Japan), imported; BMNH, London.
Distribution: Asia (Taiwan).
References: (**tx**) Browne 1950a: 376.
- decens** Sampson 1922b: 147. Holotype ♂: Assam; Nowgong; BMNH, London.
Distribution: Asia (China/ Assam in India/ Malaya/ Nepal).
Hosts: *Castanopsis tribuloides*, *Shorea* sp., *Vatica laucaefolia*.
References: (**cn**) Mathur & Singh 1961b: 71. (**ds**) Beaver & Browne 1978: 619; Beeson 1961: 265; Blasin, Roonwal, & Singh 1955; Mathur & Singh 1961b: 71; Schedl 1962f: 165, 1972f: 209, 1973b: 211. (**tx**) Murayama 1956: 13; Sampson 1922b: 147; Schedl 1941b: 416, 1972f: 209.
- deceptor** Wood 1972c: 244. Holotype ♂: La Carbonera Experimental Forest, 50 km W. Merida, Merida, Venezuela; Wood Collection.
Distribution: South America (Venezuela).
Hosts: *Ficus* sp., *Nectandra* sp., *Prunus sphaerocarpa*.
References: (**tx**) Wood, S. L. 1972c: 244.
- declivis** Sampson 1923c: 72. Lectotype ♂: Labuan, Batjan; BMNH, London, designated by Browne 1970: 580.
Distribution: Indonesia (Batjan Island near Borneo, Java).
References: (**ds**) Beeson 1937: 92; Equilma & Atkinson 1957: 21; Schedl 1972f: 237. (**tx**) Beeson 1937: 90, 92; Browne 1970: 580; Equilma & Atkinson 1957: 21; Sampson 1923c: 72; Schedl 1936c: 46, 1972f: 237.
- declivitatis** Schedl 1941c: 356. Syntypes ♂: Java, Mount Gede, 800 m; Schedl Collection in NHMW, Wien, and RNH, Leiden.
Distribution: Indonesia (Java).
Notes: (1) Schedl 1975a: 23 (citation of holotype invalid, this specimen was lost).
References: (**ds**) Schedl 1972f: 242. (**tx**) Schedl 1941c: 356, 1972f: 242, 1975a: 23.
- decorus** Schedl 1936c: 235. Syntypes ♂: French Guyana, St-Laurent du Maroni; MNHN, Paris, and Schedl Collection in NHMW, Wien.
Distribution: South America (Cayenne).
References: (**ds**) Blackwelder 1947: 789; Schedl 1972f: 205. (**tx**) Schedl 1935k: 480, 1936c: 235, 1972f: 205, 1975a: 24.

- deductus** Schedl 1964c: 299. Holotype ♂: Ostkuste Sumatras: Bandar Baroe, 550 m; ZMA, Amsterdam. Distribution: Indonesia (Java, Sumatra). References: (ds) Schedl 1972f: 195. (tx) Schedl 1964c: 299, 1972f: 195, 1975a: 24.
- deflectus** Schedl 1941c: 355. Syntypes ♂ ♀: Java, Mt. Gede, 1000 m; Kalshoven Collection, and Schedl Collection in NHMW, Wien. Distribution: Indonesia (Java), Philippine Islands. References: (hb) Kalshoven 1960c: 40–41. (ds) Kalshoven 1960c: 40–41; Schedl 1972f: 196. (tx) Browne 1966: 235; Nobuchi 1955: 329; Schedl 1941c: 355–356, 1971f: 156, 1972f: 196, 1975a: 24.
- bistriatus** Browne 1966: 235. Holotype ♂: Philippines: Palawan, Pimigisan, Mantalingajan Range, 600 m; UZMC, Copenhagen. Synonymy: Schedl 1971f: 156. References: (tx) Browne 1966: 235; Schedl 1971f: 156, 1972f: 196.
- delicatus** (Schedl) 1936b: 129 (*Crossotarsus*). Syntypes ♂: Belg, Kongo, Kibali-Ituri; Kilo; MRCB, Tervuren, and Schedl Collection in NHMW, Wien. Distribution: Africa (Angola/ Uganda/ Zaïre). Notes: (1) Schedl 1959p: 27 (described female, as *Mesoplatypus*), 1975a: 24 (restricted male type to specimen in MRCB, Tervuren). References: (ds) Ferreira 1965: 1134; Schedl 1959p: 23, 27, 1962k: 996, 1972f: 203. (tx) Schedl 1936b: 129–130, 1962k: 996, 1972f: 203, 1975a: 24.
- dentatus** Dalman 1823: 83. Holotype ♂: Brasilia; Schoenherr Collection. Distribution: North America (Costa Rica), South America (Bolivia/ Brazil/ Colombia). Hosts: *Cecropia peltata*, *Inga vera*, *Jacaranda copatia*. Notes: (3) Schedl 1970e: 108 (described female). References: (ds) Schedl 1970e: 89, 1972f: 239. (tx) Dalman 1823: 83; Schedl 1970e: 108, 1972f: 239, 1975a: 24.
- fortis** Blandford 1896e: 98. Holotype ♂: Colombia; BMNH, London. Synonymy: Schedl 1972f: 238. References: (ds) Blackwelder 1947: 789; Schedl 1966f: 80. (tx) Blandford 1896e: 98; Schedl 1958c: 2, 1972f: 238–239.
- deuticollis** Browne 1984f: 61. Holotype ♂: New Guinea; Morobe District, Mount Kaindi, 2350 m; BMNH, London. Distribution: New Guinea. Hosts: *Nothofagus* sp. References: (tx) Browne 1984f: 61.
- denticulatus** Browne 1980c: 497. Holotype ♂: Mt. Maungani (New Zealand) to Kawasaki (Japan), imported; BMNH, London. Distribution: New Zealand. References: (tx) Browne 1980c: 497.
- deperditus** Schedl 1975f: 384. Holotype ♂: Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (tx) Schedl 1975f: 384.
- priscus** Schedl 1975f: 375 (*Crossotarsus*). Holotype ♂: Upper Manki logging area, Bulolo, Morobe District; Schedl Collection NHMW, Wien. Synonymy: Roberts 1989: 285. References: (tx) Roberts 1989: 285; Schedl 1975f: 375.
- deplauatus** Wood 1972c: 245. Holotype ♂: La Carbonera Experimental Forest, 50 km W Merida, Merida, Venezuela; Wood Collection. Distribution: South America (Venezuela). Hosts: *Prunus sphaerocarpa*. References: (tx) Wood, S. L. 1972c: 245.
- depressus** Schedl 1979g: 110. Holotype ♀: Papua, Bulolo, Morobe District; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (tx) Schedl 1939e: 333, 1979g: 110.
- desultor** Schedl 1939k: 719. Holotype ♂: Costa Rica, San Jose; Schedl Collection in NHMW, Wien. Distribution: North America (Costa Rica). References: (ds) Blackwelder 1947: 789; Equilma & Atkinson 1957: 21; Schedl 1972f: 234. (tx) Equilma & Atkinson 1957: 21; Schedl 1939k: 719, 1972f: 239, 1975a: 24.
- detectus** Schedl 1976a: 87. Holotype ♂: Porto Velho, Territ. Rondon, Brazil; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (tx) Schedl 1976a: 87.
- decius** Schedl 1976a: 88. Holotype ♂: Brasil, PA, Santarem; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (tx) Schedl 1976a: 88.
- deyrollei** Chapuis 1865: 127. Syntypes ♂ ♀; Toxpan; 1 ♂, 1 ♀ in BMNH, London, 1 ♂, 1 ♀ in IRSNB, Brussels. Distribution: North America (Costa Rica/ Guatemala/ Veracruz in Mexico/ Panama). Hosts: *Theobroma cacao*. References: (ds) Blackwelder 1947: 789; Blandford 1896e; Equilma & Atkinson 1957: 21; Ferrer 1942; Gemminger & Harold 1872: 2698; Numberg 1972b: 190; Schedl 1933c: 166, 1972f: 239; Strohmeier 1912c: 8, 1914c: 23. (tx) Blandford 1896e: 97; Chapuis 1865: 127; Equilma & Atkinson 1957: 21; Schedl 1935h: 352, 1937d: 37, 1940a: 324, 1960c: 17, 1972f: 239; Strohmeier 1912c: 8, 1914c: 23.
- dibrachiatus** Roberts 1989: 267. Holotype ♂: Papua New Guinea; Divide Logging Area, Bulolo, 1200 m; MHNW, Wien. Distribution: New Guinea. Hosts: *Terminalia complanata*.

- References: (tx) Roberts 1989: 267.
- diductus Chapuis** 1865: 139. Holotype ♀: Cayenne; IRSNB, Brussels.
Distribution: South America (Cayenne/ Venezuela).
References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Schedl 1972f: 239; Strohmeier 1912c: 5, 1914c: 23. (tx) Chapuis 1865: 139; Schedl 1935h: 353–354, 1960c: 20, 1972f: 239; Strohmeier 1912c: 5, 1914c: 23.
- diffidens Schedl** 1964g: 251. Holotype ♂: Sarawak, Setapok; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
References: (ds) Schedl 1971c: 370, 1972f: 185. (tx) Schedl 1964g: 251, 1972f: 185, 1978a: 25.
- diffinis Schedl** 1972i: 55. Holotype ♀: New Guinea (NE), Wan, Morobe Dist., Kumai Creek, 1250 m; BPBM, Honolulu.
Distribution: New Britain Island, New Guinea.
References: (ds) Schedl 1972f: 200. (tx) Schedl 1972f: 200, 1972i: 55, 1978a: 25.
- digestus Schedl** 1975g: 255. Holotype ♂: Papua, Porotop, Luth. Miss. Sawmill; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975g: 225, 1978b: 25.
- dignatus Schedl** 1936c: 236. Syntypes ♂: French Guyana, St.-Laurent du Maroni; MNHN, Paris, and Schedl Collection in NHMW, Wien.
Figures: Reichardt 1964b: 87.
Distribution: South America (Brazil/ Cayenne/ Guyana/ Suriname).
Hosts: *Eugenia* sp.
Notes: (1) Schedl 1975a: 25 (restricted type to MNHN, Paris material). (3) Schedl 1976a: 88 (described female).
References: (ds) Blackwelder 1947: 789; Schedl 1960d: 79, 1972a: 205. (tx) Reichardt 1964b: 87–88; Schedl 1936c: 236, 1972f: 205, 1976a: 88, 1978a: 25.
- dignus Schedl** 1964g: 252. Holotype ♂: Sarawak, Setapok; BMNH, London.
Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo).
Hosts: *Castanopsis sumatransis*, *Dipterocarpus borneensis*.
Notes: (3) Schedl 1971c: 359 (described female).
References: (hb) Browne 1961c: 218. (ds) Browne 1961a: 315, 1961c: 218; Schedl 1971c: 366, 1972f: 217. (tx) Schedl 1964g: 252, 1971c: 389, 1972f: 217, 1978a: 25.
- dimidiatus Chapuis** 1865: 153. Syntypes 2 ♂: Cayenne; 1 in MNB, Berlin, 1 in IRSNB, Brussels (Schedl 1960c: 23).
Distribution: South America (Cayenne/ Colombia/ Venezuela).
References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Schedl 1972f: 205; Strohmeier 1911f: 204, 1912c: 10, 1914c: 24. (tx) Chapuis 1865: 153; Lucas 1920: 521; Schedl 1937d: 37, 1939b: 399, 1960c: 22–23, 1972f: 205; Strohmeier 1912c: 10, 1914c: 24. (ms) Lucas 1920: 521.
- dipteroearpi Browne** 1956b: 338. Holotype ♂: Borneo: Tatau (Sarawak) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
Hosts: *Dipterocarpus* sp.
References: (tx) Browne 1956b: 338.
- discollis Chapuis** 1865: 254. Syntypes ♂ ♀: Colombia; 1 in MNB, Berlin, 3 in IRSNB, Brussels, 7 ♂, 1 ♀ in BMNH, London (Schedl 1960c: 48).
Distribution: North America (Costa Rica/ Guatemala), South America (Bolivia/ Brazil/ Cayenne/ Colombia).
References: (ds) Atkinson & Equilma 1956a: 422; Blackwelder 1947: 789; Blandford 1896c: 112–113; Equilma 1955: 143; Equilma & Atkinson 1957: 22; Gemminger & Harold 1872: 2695; Nimbberg 1963c: 106; Sampson 1928a: 3; Schedl 1960a: 77, 1970e: 86, 1971f: 150, 1972f: 187, 1972g: 40, 1976a: 57; Strohmeier 1912c: 16, 1914c: 27. (tx) Blandford 1896e: 112–113; Chapuis 1865: 254; Equilma & Atkinson 1957: 22; Sampson 1928a: 3; Schedl 1933a: 402, 1936c: 248, 1937d: 40, 1939b: 399, 1941e: 156, 1960c: 48, 1972f: 187; Strohmeier 1912c: 16, 1914c: 27.
- discipennis Schedl** 1975g: 226. Holotype ♀: New Guinea, War; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975g: 226, 1978a: 25.
- discoidalis Schedl** 1933a: 402. Holotype ♂: British Guiana, Essequeibo R., Moraballi Creek; BMNH, London.
Distribution: South America (Guyana).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 187. (tx) Schedl 1933a: 402–403, 1972f: 187.
- discolor Blandford** 1896e: 101. Holotype ♂: Volcan de Chiriqui, Panama; BMNH, London.
Figures: Blandford 1896e: pl. 4, fig. 9.
Distribution: North America (Panama).
References: (ds) Blackwelder 1947: 789; Equilma & Atkinson 1957: 22; Schedl 1972f: 214; Strohmeier 1912c: 9, 1914c: 23. (tx) Blandford 1896e: 101; Equilma & Atkinson 1952: 22; Schedl 1936c: 226, 1972f: 214; Strohmeier 1912c: 9, 1914c: 23.
- dissimilis Chapuis** 1865: 271. Syntypes ♀: de la Nouvelle Grenada [Colombia]; 1 in BMNH, London (Schedl 1960c: 52).
Distribution: South America (Colombia).
References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Schedl 1972f: 231; Strohmeier 1912c: 17, 1914c: 27. (tx) Chapuis 1865: 271; Schedl 1935h: 356, 1960c: 52, 1972f: 231; Strohmeier 1912c: 17, 1914c: 27.

- dissipabilis* Schedl 1934c: 212. Syntypes 2 ♂; Bogota mid Neu-Granada; Hamburg Museum, lost, and Schedl Collection in NHMW, Wien.
Distribution: Antilles Islands (Guadeloupe), South America (Brazil/ Colombia/ Ecuador/ Venezuela).
Notes: (1) Schedl 1975a: 25 (citation of holotype invalid).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 231, 1972g: 48, 1976a: 57. (tx) Schedl 1934c: 210, 212, 1962p: 210, 1972f: 231, 1975a: 25.
- perplandus* Schedl 1935i: 46. Lectotype ♂; Venezuela, Etat d'Apure; San Fernando de Apure; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 52. Synonymy: Schedl 1962p: 210.
References: (ds) Blackwelder 1947: 790. (tx) Schedl 1935i: 46, 1962p: 210, 1972f: 231, 1975a: 52.
- distinctipes* Schedl 1972i: 55. Holotype ♂; New Guinea (NW), Wau, Kumai Creek, 1270 m; BPBM, Honolulu.
Distribution: New Guinea.
References: (ds) Schedl 1972f: 200. (tx) Schedl 1972f: 200, 1972i: 55, 1975a: 25.
- panamae* Schedl 1975f: 392. Holotype ♀; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien. Synonymy: Roberts 1959: 285.
Notes: (3) Schedl 1979g: 96 (treated as a synonym of *apicatus*).
References: (tx) Roberts 1959: 285; Schedl 1975f: 392, 1979g: 96.
- distinguendis* Schedl 1934c: 210. Holotype ♂; Costa Rica, Hamburg-Farm, [Rio] Reventazon, Ebene Limon; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica).
References: (ds) Blackwelder 1947: 789; Equilua & Atkinson 1957: 22; Santoro 1957b: 25; Schedl 1972f: 239. (tx) Equilua & Atkinson 1957: 22; Schedl 1934c: 210–211, 1936c: 224, 1972f: 239, 1927g: 26.
- dirersipennis* Schedl 1962p: 210. Holotype ♂; Madras, Kattiyur, Wynaad (Perya); FRI, Delhra Dum, not found in 1951 by SIW.
Distribution: Asia (India).
Hosts: *Dipterocarpus indicus*.
Notes: (1) None of the material borrowed by Schedl from FRI was ever returned to FRI; the Schedl "paratype" may be the missing type (SIW).
References: (ds) Schedl 1972f: 204. (tx) Schedl 1962p: 210, 1972f: 204, 1975a: 26.
- dobnabae* Roberts & Morimoto 1956: 167. Holotype ♂; New Guinea; Papua, Gumti, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Calbulimima belgrayana*.
References: (tx) Roberts & Morimoto 1956: 167.
- dolabratus* Blandford 1896c: 102. Syntypes 5, ♂ ♀; Bugaba, Panama; BMNH, London.
Figures: Blandford 1896c: pl. 4, fig. 12.
Distribution: North America (Panama).
References: (ds) Blackwelder 1947: 789; Equilua & Atkinson 1957: 22; Schedl 1972f: 239; Strohmeier 1912c: 9, 1914c: 23. (tx) Blandford 1896c: 102; Equilua & Atkinson 1957: 22; Schedl 1940c: 203, 1972f: 239; Strohmeier 1912c: 9, 1914c: 23.
- dolus* Schedl 1975f: 385. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 385.
- dorsalis* Schedl 1972g: 77. Holotype ♀; Brasilien, Amazonas, Manaus; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1972g: 77.
- dorsatus* Schedl 1975g: 226. Holotype ♀; New Guinea, Sarmi; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975g: 226, 1975b: 26.
- drescheri* Schedl 1941c: 358. Syntypes ♂; Java, Preanger, G. Tangkoeban Prahoë, 4000–5000 Voet; Kalshoven Collection, and Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Java).
Hosts: *Nyssa javanica*.
Notes: (1) Schedl 1975a: 26 (citation of holotype invalid).
References: (hb) Kalshoven 1960c: 40; Schedl 1972f: 207. (tx) Schedl 1941c: 358, 1965g: 28, 1972f: 207, 1975a: 26.
- dryobalanopsis* Browne 1951b: 603. Holotype ♂; Kuala Madau (Sabah, Borneo) to Gannagori (Japan), imported; BMNH, London.
Distribution: Indonesia (Borneo).
Hosts: Kapur log.
References: (ds) Browne 1955b: 290. (tx) Browne 1951b: 603, 1955b: 293.
- dubiosus* Schedl 1933a: 401. Holotype ♂; Brazil, Rio Janeiro; BMNH, London.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 242. (tx) Schedl 1933a: 401, 1972f: 242.
- duplicatus* Schedl 1979g: 111. Holotype ♂; Onenarou, W. Caledonie; Schedl Collection in NHMW, Wien.
Distribution: New Caledonia.
References: (tx) Schedl 1979g: 111.
- duplosignatus* Schedl 1975f: 386. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 386.

- duriovorus** Brown 1955a: 196. Holotype ♂: Tatan (Sarawak) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
Hosts: *Durio* sp.
References: (tx) Brown 1955a: 196.
- durus** Schedl 1936c: 233. Syntypes ♂: Demerara, Brit. Guyana; Hamburg Museum, lost, and Schedl Collection in NHMW, Wien.
Distribution: South America (Guyana).
Notes: (1) Schedl 1975a: 27 (necotype designation apparently invalid).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 239. (tx) Schedl 1936c: 233, 1939b: 399, 1972f: 239, 1975b: 27.
- dyerae** Brown 1956c: 670. Holotype ♂: Borneo: Sandakan (Sabah) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Sabah in Borneo).
Hosts: *Dyera costulata* log.
References: (tx) Brown 1956c: 670.
- echinatus** Roberts & Morimoto 1986: 167. Holotype ♂: New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Cryptocarya* sp.
References: (tx) Roberts & Morimoto 1986: 167.
- effertus** Schedl 1935h: 357. Holotype ♀: Brazil; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil/ Cayenne/ Guyana).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 231. (tx) Schedl 1935h: 357–358, 1972f: 231, 1975b: 27.
- effetus** Schedl 1935n: 637. Lectotype ♂: Borneo; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 27.
Distribution: Indonesia (Borneo).
References: (ds) Schedl 1972f: 193. (tx) Schedl 1935n: 637, 1965g: 30, 1972f: 193, 1975a: 27.
- egregius** Schedl 1936c: 229. Holotype ♂: probably Guyana; Schedl Collection in NHMW, Wien.
Distribution: South America (Cayenne/ Guyana?).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 239. (tx) Schedl 1936c: 228–229, 1972f: 239, 1975b: 27.
- elaboratus** Schedl 1975g: 227. Holotype ♂: New Guinea, Wau; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975g: 227, 1975b: 27.
- elongatus** Chapuis 1865: 141. Syntypes 2 ♀: de Caraccas; 1 in BMNH, London, 1 in IRSNB, Brussels (Schedl 1960c: 20).
Distribution: South America (Brazil/ Venezuela).
References: (ds) Blackwelder 1947: 789; Gemming & Harold 1872: 269S; Schedl 1972f: 239; Strohmeier 1912c: 9, 1914c: 23. (tx) Chapuis 1865: 141; Schedl 1935g: 313, 1950d: 11, 1952i: 22, 1960c: 20, 1972f: 239, 1975a: 27; Strohmeier 1912c: 9, 1914c: 23.
- emarginatulus** Brown 1951a: 134. Holotype ♂: Dingalan (Philippines) to Tokyo (Japan), imported; BMNH, London.
Distribution: Philippine Islands.
Hosts: *Shorea* sp.
References: (ds) Schedl 1936d: 6; Swaine 1909: 86. (tx) Brown 1951a: 134; Swaine 1909: 86.
- emdeni** Schedl 1935e: 174. Lectotype ♂: D. Neuguinea, Rawlinson Geb. (Schedl 1975a: 28); Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 28.
Distribution: New Guinea.
References: (ds) Schedl 1936d: 15, 1936g: 514, 1972f: 184. (tx) Schedl 1935e: 174–175, 1940b: 434, 1972f: 184, 1975b: 28.
- enixus** Schedl 1936c: 244. Lectotype ♂: Demerara, St.-Jean du Maroni, St.-Laurent du Maroni, Charvein, Bas Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 28.
Distribution: South America (Brazil/ Cayenne/ Guiana).
References: (ds) Atkinson & Equihua 1986a: 422; Blackwelder 1947: 789; Equihua 1985: 143; Equihua & Atkinson 1987: 22; Schedl 1966f: 92, 1972f: 218, 1973d: 164, 1976a: 57. (tx) Equihua & Atkinson 1987: 22; Schedl 1936c: 244, 1972f: 218, 1975a: 28.
- enormis** Schedl 1970a: 130. Holotype ♂: New Guinea, Okasa Pine Forest, Eastern Highlands District; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Cryptocarya* sp.
Notes: (3) Schedl 1972i: 57 (described female).
References: (ds) Schedl 1972f: 217. (tx) Schedl 1970a: 130, 1972f: 217, 1972i: 57, 1975a: 28.
- equadorensis** Schedl 1933a: 396. Holotype ♂: Ecuador, Cachabe, low country; BMNH, London.
Distribution: South America (Ecuador/ Peru).
Notes: (3) Brown 1962e: 646 (placed in *Nectra-chyostus*).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 229. (tx) Brown 1962e: 646; Schedl 1933a: 396, 1939b: 380, 1972f: 229; Wood, S. L. 1966b: 17.
- manipularis** Schedl 1937c: 14. Lectotype ♂: Peru: Cachabe; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 42. Synonymy: Wood 1966b: 17.
References: (ds) Blackwelder 1947: 789. (tx) Schedl 1937c: 14, 1952h: 72, 1972f: 229, 1975a: 42; Wood, S. L. 1966b: 17.
- errans** (Sampson) 1922b: 145. Holotype ♂: Burma: Mohyin R., Katha; BMNH, London.
Distribution: Asia (Burma/ Assam, Bengal in India).
Hosts: *Acrocarpus fraxinifolius*, *Bombax*

malabricum, *Buchanania latifolia*, *Careya arborea*, *Eugenia jambolana*, *Ficus infectoria*, *Magnolia cathartii*, *Mesua ferrea*, *Phoebe attenuata*, *Tectona grandis*, *Terminalia myriocarpa*, *Wrightia tomentosa*.

Notes: (3) Schedl 1972f: 206 (treated as a subspecies of *indicus*).

References: (cn) Mathur & Singh 1961b: 13, 34, 93. (ds) Beeson 1941 (1961: 265); Blasin, Roonwal, & Singh 1958; Mathur & Singh 1961b: 13, 34, 93; Schedl 1969c: 68, 1972f: 206. (tx) Sampson 1922b: 145, 1923c: 72; Schedl 1972f: 206.

erraticus Schedl 1972g: 75. Holotype ♂: Brasilien, Jacareacanga, Para: Alvarenga Collection. Distribution: South America (Brazil). References: (tx) Schedl 1972g: 75, 1975a: 28.

eugeniae Schedl 1971c: 390. Holotype ♂: Horai, Haldwani, U. P.; Schedl Collection in NHMW, Wien. Distribution: Asia (Uttar Pradesh in India). Hosts: *Eugenia jambolana*. Notes: (3) Beeson 1941: 344, 1961: 265 (*eugeniae*, nomen nudum). The type specimen obviously came from a FRI, Dehra Dun, loan to Schedl dated approximately 1962, that was not returned. References: (ds) Beeson 1941: 344, 1961: 265; Schedl 1972f: 200. (tx) Schedl 1971c: 390–391, 1972f: 200, 1975b: 28.

eugestus Wood 1966a: 64. Holotype ♂: Volcan Irazu, Cartago Prov., Costa Rica, 7000 feet; Wood Collection. Figures: Schedl 1972f: 213, Wood 1966a: 67. Distribution: North America (Costa Rica). Hosts: *Brunellia costaricensis*, *Quercus* sp. References: (ds) Equihua & Atkinson 1987: 22; Schedl 1972f: 214. (tx) Equihua & Atkinson 1987: 22; Schedl 1972f: 213–214; Wood, S. L. 1966a: 64, 67.

evandinervius Roberts & Morimoto 1986: 169. Holotype ♂: New Guinea: Papua, Bulolo; BMNH, London. Distribution: New Guinea. Hosts: *Syzygium* sp. References: (tx) Roberts & Morimoto 1986: 169.

evanidus Roberts 1986: 42. Holotype ♂: New Guinea: Papua, Bulolo; BMNH, London. Distribution: New Guinea. Hosts: *Xanthophyllum papuanum*. References: (tx) Roberts 1986: 42.

eversus Wood 1972b: 251. Holotype ♂: 8 km S Colonia, Valle de Cauca, Colombia; Wood Collection. Distribution: South America (Colombia). Hosts: *Lecythis* sp. References: (tx) Wood, S. L. 1972b: 251.

exaratus Blandford 1896c: 98. Syntypes 5, ♂ ♀; Guatemala: Cerro Zamil, Panajachel, San Gerónimo; BMNH, London. Figures: Blandford 1896e: pl. 4, fig. 5.

Distribution: North America (Guatemala/ Mexico). References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1987: 22; Schedl 1972f: 239; Strohmeier 1912c: 9, 1914c: 23. (tx) Blandford 1896c: 98; Equihua & Atkinson 1987: 22; Schedl 1939k: 719, 1955b: 30, 1972f: 239; Strohmeier 1912c: 9, 1914c: 23.

excedens Chapuis 1865: 276. Holotype ♂: de la Nouvelle Guinée, Dorcy; BMNH, London (Schedl 1960c: 52).

Distribution: Bismarck Islands, Indonesia (Borneo), New Guinea, Philippine Islands (Luzon, Palawan).

References: (bv) Gray, B. 1974b. (cn) Wylie & Shanahan 1977. (hb) Browne 1941; Gray, B. 1974b; Wylie & Shanahan 1975. (ds) Browne 1966: 239, 1980a: 372; Gemminger & Harold 1872: 2698; Olmo, Yonexama, & Nakazawa 1987b: 89; Olmo et al. 1988b: 98, 1989: 65; Sampson 1928b: 374; Schedl 1938g: 423, 1966b: 92, 1968f: 535, 1972f: 186, 1975i: 347; Strohmeier 1912c: 17, 1914c: 28. (tx) Browne 1970: 579; Chapuis 1865: 276; Nobuchi 1955: 329; Sampson 1928b: 374; Schedl 1935k: 487, 1936h: 65–66, 1936j: 19–35, 1937d: 42, 1941c: 363, 1960c: 52, 1972f: 186, 1975b: 29; Strohmeier 1912c: 17, 1914c: 28; Wylie & Yule 1977.

excellens Schedl 1973e: 95. Holotype ♂: Sattelberg, Papua New Guinea; Schedl Collection in NHMW, Wien. Distribution: New Guinea.

References: (tx) Schedl 1973e: 95, 1975a: 29.

excisus Chapuis 1865: 225. Syntypes ♂ ♀: du Mexique, Toxpan; 1 ♂, 3 ♀ in BMNH, London, 1 ♂, 2 ♀ in IRSNB, Brussels.

Distribution: Antilles Islands (Puerto Rico), North America (Costa Rica/ Guatemala/Veracruz in Mexico/ Panama), South America (Argentina/ Brazil/ Cayenne/ Paraguay).

Hosts: *Inga vera*.

References: (cc) Equihua & Atkinson 1986: 624. (hb) Equihua & Atkinson 1986: 624. (ds) Atkinson & Equihua 1986a: 422, 1988: 104; Atkinson et al. 1986: 46; Blackwelder 1947: 789; Blandford 1896c: 110–111; Equihua 1985: 143; Equihua & Atkinson 1986: 624, 1987: 22; Estrada & Atkinson 1988: 212; Ferrer 1942; Gemminger & Harold 1872: 2698; Martorell 1945: 467; Numborg 1972b: 190; Schedl 1966f: 92, 1972f: 218, 1973d: 163, 1976a: 57, 1978c: 292, 1979e: 58; Strohmeier 1912c: 14, 1914c: 26; Wolcott 1936: 316, 1948: 384. (tx) Blandford 1896c: 110–111; Chapuis 1865: 225; Equihua & Atkinson 1987: 22; Schedl 1936c: 239, 1937d: 40, 1940a: 327, 1941c: 156, 1960c: 41–42, 1972f: 218; Strohmeier 1912c: 14, 1914c: 26.

eximius Wood 1972b: 248. Holotype ♂: Colonia Tovar, Aragua, Venezuela; Wood Collection. Figures: Schedl 1972f: 229, Wood 1966a: 52. Distribution: South America (Venezuela).

- References: (tx) Wood, S. L. 1972b: 248.
- exitialis** Wood 1966a: 51. Holotype ♂; Bartica triangle, British Guiana; BMNH, London.
Figures: Schedl 1972f: 229; Wood 1966a: 52 (male).
Distribution: South America (Cayenne/ Guyana).
Hosts: *Licania* sp., *Poveria engleri*.
References: (ds) Schedl 1972f: 229, (tx) Schedl 1972f: 229; Wood, S. L. 1966a: 51–52.
- exitiosus** Schedl 1936c: 236. Syntypes ♂ ♀; St. Laurent du Maroni, Nouveau Chantier; MNHN, Paris, and Schedl Collection in NHMW, Wien.
Distribution: South America (Cayenne).
Notes: (1) Schedl 1978a: 29 (citation of holotype invalid).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 229, (tx) Schedl 1936c: 236, 1972f: 229, 1978a: 29; Wood, S. L. 1966a: 51.
- exsuperans** Beaver 1990a: 283. Holotype ♂; Thailand, Chiang Mai, Doi Pui; BMNH, London.
Figures: Beaver 1990a: 282 (male declivity).
Distribution: Asia (Thailand).
Hosts: *Quercus* sp.
References: (tx) Beaver 1990a: 283.
- extensus** Schedl 1979g: 111. Holotype ♂; Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1979g: 111.
- falcatus** Strohmeyer 1908b: 73. Holotype ♂; Himalaya occidentalis (Kulu); Strohmeyer Collection.
Distribution: Asia (Uttar Pradesh in India/ Nepal).
Hosts: *Acer campbelli*, *Ahus nepalensis*, *A. nitida*, *Echinocarpus dasyarpus*, *Elaeocarpus lanceae-folius*, *Evodia fraxinifolia*, *Machilus odoratissima*, *Populus* sp., *Quercus lamellosa*.
Notes: (3) Beeson 1961: 265 (*falcator*: nomen nudum, synonymy in Schedl 1969c: 62).
References: (cn) Kleine 1932a: 310, 402; Roonwal 1954: 58, (ec) Beeson 1921b), (hb) Kleine 1932a: 310, 402, (ds) Beeson 1921b: 24, 1941: 344, 1961: 265; Kleine 1932a: 310, 402; Numberg 1964a: 236; Roonwal 1954: 58; Schedl 1962f: 166, 1969c: 62, 1972f: 209, 1973b: 212; Strohmeyer 1912c: 18, 1914c: 28, (tx) Schedl 1941b: 416, 1969c: 62–63, 1972f: 209; Strohmeyer 1908b: 73, 1912c: 18, 1914c: 28.
- fallax** Schedl 1970b: 367. Holotype ♂; Sabah, Sandakan [Borneo]; PPST, Tokyo.
Distribution: Indonesia (Borneo).
Hosts: Seraya.
References: (ds) Browne 1980d: 491, 1981b: 598; Nobuchi 1977: 133; Schedl 1972f: 212, (tx) Nobuchi 1985: 329; Schedl 1970b: 367, 1972f: 212, 1978a: 30.
- fenestrallatus** Roberts 1989: 268. Holotype ♀; Papua New Guinea: Divide Logging Area, Bulolo, 1200 m; NHMW, Wien.
Distribution: New Guinea.
Hosts: *Terminalia complanata*.
References: (tx) Roberts 1989: 268–269.
- ficus** Roberts 1970a: 71. Holotype ♂; Nigeria: Ngel Nyaki For. Res., Mambilla Plateau; MRCB, Tervuren.
Distribution: Africa (Congo/ Nigeria).
Hosts: *Ficus eriobotryoides*, *F. macrosperma*.
References: (ds) Browne 1972c: 100, (tx) Roberts 1970a: 71.
- flaris** Wood 1972: 246. Holotype ♂; Rancho Grande in Pittier National Park, Aragua, Venezuela; Wood Collection.
Distribution: South America (Venezuela).
Hosts: *Eschweilera* sp., *Tabebuia* sp.
References: (tx) Wood, S. L. 1972b: 246.
- flipennis** Schedl 1979g: 111. Holotype ♀; Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1979g: 111.
- firmus** Schedl 1975g: 227. Holotype ♂; New Guinea, Sepik Area; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975g: 227, 1978a: 30.
- flavicornis** (Fabricius) 1776: 211. Holotype ♂; America boreali [USA]; UZMC, Copenhagen.
Figures: Atkinson 1989c, Goyer et al. 1980: 18, White 1983: 324.
Distribution: North America (Mexico (?)/ Alabama, Arkansas, Florida, Georgia, Louisiana, Maryland, Mississippi, New Jersey, North Carolina, Oklahoma, South Carolina, Tennessee, E Texas, Virginia, West Virginia in USA).
Hosts: *Pinus* spp.
Notes: (3) Chapuis 1865: 154 (redescribed, =*bidentatus* Dejean 1837: 333, nomen nudum). The occurrence of this species in Mexico could not be confirmed (SLW).
References: (ay) Hopkins 1894g; Stickney 1921: 15, (bv) Atkinson, Foltz, & Connor 1988; Barker, J. A. 1976; Barker, J. A. & Schmid 1976; Coster 1969; Dixon & Payne 1979b; Inscoc 1982; Klassen, Ridgway, & Inscoc 1982; Madrid, Vite, & Renwick 1972; Renwick, Vite, & Billings 1977, (cn) Anonymous 1966h; Beal et al. 1952: 114–115; Blackman 1950; Chamberlin 1939: 110; Chellman 1958; Doane et al. 1936; Drooz 1985: 375; Fatzinger 1955b; Hertel, Williams, & Merkel 1977; Hopkins 1894: 277; Hubbard 1897b: 15; Luggler 1886: 36; Mead 1966a: 4; Moore, H. B. & McGraw 1976; Williams, L. H. 1988: 73, (ec) Chamberlin 1939: 110; Coster 1969; Dixon & Payne 1979b; Kinn 1984c; Savely 1939: 336, (hb) Atkinson 1989c; Atkinson, Foltz, & Connor 1988; Baker, W. L. 1972: 272; Beal & Massey 1945; Blackman 1922b: 39–40, 1950; Blandford 1896c: 104; Chamberlin 1939: 110; Coster 1969: 1008–

1011; Dalman 1825; Deyrup & Atkinson 1957a: 64; Doane et al. 1936; Drooz 1955: 375; Hetrick 1967; Hopkins 1894g; Hubbard 1897b: 15; Husson 1955: 350; Moore, H. B. & McGraw 1976; Ostmark 1965; White, R. E. 1953: (ds) Anonymous 1966h; Atkinson 1959c; Atkinson et al. 1991: 153; Beal & Massey 1945; Blackman 1922b: 39–40; Blackwelder 1947: 759; Blandford 1896c: 104; Blatchley & Leng 1916: 582; Chamberlin 1939: 110; Chapuis 1865; Deyrup & Atkinson 1957a: 64; Drooz 1955: 375; Equihua & Atkinson 1957: 22; Ferrer 1942; Frost 1964: 144; Gemminger & Harold 1872: 2698; Henshaw 1855: 147, 1895: 44; Hliger 1805: 129; Kirk 1969, 1970; Lacordaire 1866: 391; Leng 1920: 337; Melzheimer 1853: 57; Ostmark 1965; Sampson 1925a: 3; Schedl 1933c: 169, 1972f: 223; Schwarz 1878d: 468; Smith, J. B. 1900: 361, 1910: 400; Spahr 1951: 80; Staines, C. L. 1952; Strohmeier 1912c: 10, 1914c: 24; Swaine 1909: 85; Wood, S. L. 1979a: 2. (tx) Atkinson 1959c; Beal & Massey 1945: 63–64; Blackman 1922b: 39–40; Blandford 1895: 93–95, 1896c: 104; Blatchley & Leng 1916: 582; Chamberlin 1939: 110; Chapuis 1865: 154–155; Dalman 1825; Dejean 1837: 333; Eggers 1929c: 42; Equihua & Atkinson 1957: 23; Fabricius 1776: 211–212, 1781: 67, 1787: 36, 1792: 364, 1801: 384; Gmelin 1790: 1601; Goyer et al. 1980: 18; Herbst 1793: 118; Hubbard 1897b: 15; Keler 1927d: 232–236; Lacordaire 1866: 391; LeConte 1868: 151, 1876: 343, 1878a: 465; Lucas 1920: 521; Olivier 1795b: 4, 1808: 4; Sampson 1925a: 3; Saunders 1836: 156; Say 1824: 153; Schedl 1935h: 356, 1937c: 14, 1937d: 38, 1940a: 324, 1972f: 223; Strohmeier 1912c: 10, 1914c: 24; Swaine 1909: 85; White, R. E. 1953: 324; Wood, S. L. 1966a: 61, 1979a: 2. (ms) Lucas 1920: 521.

flectus Niisima & Murayama 1931: 197. Holotype ♂; Rengeti, Taichu Prov., Formosa; Murayama Collection in USNM, Washington, automatic. Distribution: Asia (Fujian in China/ Japan/ Taiwan).

Hosts: *Psidium guajava*, *Styrax formosauum*.

Notes: (1) Originally named as a subspecies of *lepidus*. (3) Schedl 1972f: 210 (treated as a subspecies of *lepidus*).

References: (ds) Nobuchi 1967: 26; Schedl 1972f: 210. (tx) Niisima & Murayama in Murayama 1931: 197; Schedl 1972f: 210.

lepidus formosanus Niisima & Murayama in Murayama 1925a: 214. Holotype ♂; Regeti, Taichu Prov., Formosa; Murayama Collection in USNM, Washington, preoccupied by Murayama 1925a: 215, priority by choice of first revisor.

References: (tx) Murayama 1925a: 214–215; Niisima & Murayama in Murayama 1931: 197; Schedl 1972f: 210.

murayamensis Schedl 1941a: 43. Holotype ♂;

Regeti, Taichu Prov., Formosa; Murayama Collection in USNM, Washington, automatic. Notes: (1) This is an unneeded replacement name.

References: (ds) Nobuchi 1967: 26, 1977: 139; Schedl 1966g: 30. (tx) Schedl 1941a: 43, 1941b: 416–417, 1972f: 210.

flexiosus Schedl 1936c: 232. Lectotype ♂; Guyane Française; Riviere Lumier; Schedl Collection in NHMW, Wien.

Distribution: South America (Cayenne).

References: (ds) Blackwelder 1947: 759; Schedl 1972f: 239. (tx) Schedl 1936c: 228, 232, 1972f: 239, 1975b: 30.

forcipatus Schedl 1962k: 1106. Holotype ♂; Kamerun; Schedl Collection in NHMW, Wien. Figures: Schedl 1972f: 203.

Distribution: Africa (Cameroon/ Nigeria).

Hosts: *Authonotha* sp.

Notes: (3) Roberts 1966b: 630 (described female). References: (ds) Roberts 1968: 158, 1969: 116; Schedl 1972f: 202. (tx) Roberts 1966b: 630; Schedl 1962k: 1106, 1972f: 202–203, 1975a: 31.

forficula Chapuis 1865: 283. Syntypes ♂; des îles Moluques, Batchian; BMNH, London (Schedl 1960c: 54).

Figures: Nakashima 1975: 55.

Distribution: Asia (Burma/ Cambodia/ Assam in India/ Malay/ Thailand/ Vietnam), Indonesia (Borneo, Java, Moluccas, Sumatra), New Britain Island, New Guinea, New Ireland Island.

Hosts: *Actinophora fragrans*, *Artocarpus elastica*, *Brugiera parviflora*, *Chrysophyllum roxburghii*, *Koempasia excelsa*, *K. malaccensis*, *Rhizophora mucronata*, *Shorea leprosula*, *Sinodora* sp., *Spondias mangifera*, *Sterculia foetida*.

References: (ay) Nakashima 1975: 6. (cn) Mathur & Singh 1960a: 84, 1961a: 66, 1961b: 41. (cc) Nakashima 1975: 6. (hb) Browne 1935a, 1941, 1961c: 206; Kalshoven 1960c: 36. (ds) Beaver & Browne 1975: 308; Beeson 1941 (1961: 265); Browne 1935a, 1961c: 206, 1970: 576, 1972b: 28, 1980d: 491; Froggatt 1936; Gemminger & Harold 1872: 2698; Kalshoven 1960d: 38; Mathur & Singh 1960b: 41, 1961a: 66, 1961b: 41; Nakashima 1975: 3; Nobuchi 1977: 133; Olmo et al. 1957: 90, 1958b: 98, 1959: 65; Olmo, Yoneyama, & Nakazawa 1982a, 1982b: 5, 10, 1987: 95; Sampson 1925a; Schedl 1936d: 7, 1936g: 515, 1962f: 166, 1966g: 35, 1969a: 206, 1972f: 209, 1974c: 262, 1975a: 453, 1975e: 452, 1979a: 161; Strohmeier 1911f: 204, 1912c: 18, 1914c: 28. (tx) Chapuis 1865: 283; Nakashima 1975: 55; Nobuchi 1955: 329; Sampson 1925a: 3; Schedl 1936d: 7, 1939b: 400, 1939c: 336, 1941b: 416, 1942c: 165, 1953b: 124, 1954a: 145, 1960c: 54, 1972f: 209; Strohmeier 1911f: 204, 1912c: 18, 1914c: 28; Wylie & Yule 1977.

- forficuloides** Schedl 1942a: 212. Syntypes ♂; Malaya, Selangor, Gap; BMNH, London, and Schedl Collection in NHMW, Wien.
Distribution: Asia (Malaya).
Notes: (1) Schedl 1978a: 31 (type restricted to BMNH, London material).
References: (ds) Browne 1961c: 212; Schedl 1972f: 198. (tx) Schedl 1942a: 212, 1972f: 198, 1978b: 31.
- formosanus** Niisima & Murayama in Murayama 1925: 215. Holotype ♂; Rengeti, Taichu Prov., Formosa; Murayama Collection in USNM, Washington.
Distribution: Asia (Japan/Taiwan).
Hosts: *Ficus* sp., *Quercus* sp., *Styrax formosanum*.
Notes: (1) Originally named as a subspecies of *lepidae*.
References: (hb) Murayama 1931b: 197. (ds) Miwa 1931: 266; Murayama 1925a: 215, 1929a: 672, 1931b: 197, 1937c: 578. (tx) Murayama 1925a: 215–216, 1925b: 235; Nobuchi 1967: 11–30; Schedl 1941a: 43, 1960h: 111.
- taicauensis** Schedl 1960i: 111. Holotype ♂; Rengeti, Taichu Prov., Formosa; Murayama Collection in USNM, Washington automatic.
Notes: (3) Schedl transferred this species from *Platypus* to *Crossotarsus*, thus creating homonymy; then he transferred it back to *Platypus*; this action occurred after 1960, and because of this the original name is restored (SLW).
References: (ds) Nobuchi 1967: 27, 1973b: 16; Schedl 1972f: 189. (tx) Nobuchi 1973b: 16, pl. 2; Schedl 1960i: 111, 1972f: 189.
- fossilatus** Chapuis 1865: 123. Holotype ♀; Bresil. Ega.; BMNH, London (Schedl 1960c: 16).
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Schedl 1972f: 239; Strohmeier 1912c: 9, 1914c: 23. (tx) Chapuis 1865: 123; Schedl 1960c: 16, 1972f: 239; Strohmeier 1912c: 9, 1914c: 23.
- fracticinctus** Schedl 1975f: 386. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 385.
- fracticornis** (Schedl) 1936e: 49 (*Crossotarsus*). Lectotype ♀; N. Guinea S.E., Moroka, 1300 m; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 31.
Figures: Schedl 1972f: 221.
Distribution: New Guinea.
References: (ds) Schedl 1972f: 221. (tx) Schedl 1936e: 49–50, 1972f: 221, 1978a: 31.
- fracticostis** Schedl 1972i: 57. Holotype ♂; New Guinea (NE), Wau, Morobe Dist., Kumai Creek, 1250 m; BPBM, Honolulu.
Distribution: New Guinea.
References: (ds) Schedl 1972f: 237. (tx) Schedl 1972f: 237, 1972i: 57, 1978a: 31.
- fragosus** Schedl 1936e: 225. Holotype ♂; Guyana; Schedl Collection in NHMW, Wien.
Distribution: South America (Guyenne/Guyana).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 239. (tx) Schedl 1936e: 225, 1972f: 239, 1978b: 31.
- franciai** Browne 1962c: 212. Holotype ♂; Philippines: Laguna, Mt. Maquiling; Forest Products Research Institute, Laguna.
Distribution: Philippine Islands (Luzon).
Hosts: *Shorea* sp.
Notes: (1) Browne 1964: 753 (amended the lapsus calami *franciae* to *franciai*). (3) Browne 1985a: 195 (described female).
References: (ds) Browne 1985a: 190; Schedl 1966b: 93, 1972f: 198. (tx) Browne 1962c: 212, 1964: 753, 1970: 577, 1985a: 195; Schedl 1972f: 198.
- fraterculus** Schedl 1941c: 361. Syntypes ♂ ♀; Java, Mount Gede, 800 m; Kalshoven Collection, and Schedl Collection in NHMW, Wien.
Distribution: Asia (Malaya), Indonesia (Borneo, Java), Nicobar Islands.
Hosts: *Castanea argentea*, *Cinnamomum camphora*, *Endriandra rubescens*, *Marumia muscosa*, *Shorea leprosula*, *Xanthophyllum* sp.
Notes: (1) Schedl 1978a: 31 (citation of holotype invalid).
References: (hb) Kalshoven 1960c: 39. (ds) Browne 1949b, 1961a: 313, 1961c: 211; Kalshoven 1960d: 39; Schedl 1971f: 150, 1972f: 200. (tx) Browne 1949b; Schedl 1941c: 361, 1942a: 172, 1965g: 28, 1972f: 200, 1978a: 31.
- froggatti** Sampson in Froggatt 1926: 259. Lectotype ♂; Sydney, N.S.W., Australia; BMNH, London.
Figures: Brimblecombe 1951: 2 in reprint.
Distribution: Australia (New South Wales, Queensland).
Hosts: *Aracaria cunninghamii*.
Notes: (1) Froggatt (1926b: 259) published this as a new species under Sampson's name after Sampson had designated it as an undescribed species.
References: (cn) Brimblecombe 1951: 69–105, 1956; Browne 1968b: 570; Froggatt 1926b: 259, 1927. (hb) Brimblecombe 1951: 69–105, 1956; Browne 1968b: 570; Froggatt 1926b: 259, 1927. (ds) Browne 1968b: 570. (tx) Browne 1970: 580; Carne et al. 1980; Sampson in Froggatt 1926b: 259; Schedl 1972f: 184.
- pseudoopacus** Schedl 1936g: 517. Lectotype ♂; New South Wales; Dorrigo; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1978a: 58.
References: (ds) Schedl 1936g: 517, 1962i: 74, 1972f: 184. (tx) Browne 1970: 580; Schedl 1936g: 517, 1958i: 215, 1972f: 184, 1978a: 58.
- frontebulbifer** Schedl 1979g: 112. Holotype ♀; Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.

References: (tx) Schedl 1979g: 112.

fugax Schedl 1975g: 225. Holotype ♂: New Guinea, Wan; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975g: 225, 1975b: 31.

fulgens Schedl 1951i: 97. Syntypes 2 ♂: Saigon; Schedl Collection in NHMW, Wien.

Distribution: Asia (Vietnam).

References: (ds) Schedl 1972f: 195, (tx) Nunberg 1960: 624; Schedl 1951i: 97, 1969a: 216, 1972f: 195, 1975a: 32.

fulgidus Browne 1956b: 340. Holotype ♂: New Guinea; Fakfak to Nagoya (Japan), imported; BMNH, London.

Distribution: New Guinea.

Hosts: *Pimelcodendron* sp.

References: (tx) Browne 1956b: 340.

fulmeki (Schedl) 1935j: 1 (*Crossotarsus*). Holotype ♂: Sumatra, Medan; Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Sumatra).

References: (ds) Schedl 1972f: 201, (tx) Schedl 1935j: 1, 1972f: 201, 1975a: 32.

furcatus Blandford 1895a: 325. Syntypes ♂ ♀: Ceylon, Dikoya; BMNH, London.

Distribution: Asia (Sri Lanka).

Hosts: *Acacia* spp., *Colophyllum walkeri*, *Cupressus macrocarpa*, *Elacocarpus serratus*, *Eucalyptus robusta*, *Gordonia zeylanica*, *Litsaea zeylanica*, *Michelia vilagirica*.

References: (cn) Mathur & Singh 1960a: 40, 1960b: 20; Roonwal 1954: 19, (ds) Beeson 1941 (1961: 265); Mathur & Singh 1960a: 40, 1960b: 20; Roonwal 1954: 19; Schedl 1959a: 512, 1962f: 166, 1972f: 195, (tx) Blandford 1895a: 325; Schedl 1959a: 512, 1972f: 195.

fuscus Chapuis 1865: 134. Syntypes 2 ♂: du Bresil; 1 in MNB, Berlin, 1 in IRSNB, Brussels (Schedl 1960c: 18).

Distribution: South America (Brazil).

Notes: (3) Schedl 1960c: 18 (described female).

References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Schedl 1966f: 92, 1967d: 4, 1972f: 239, 1972g: 48, 1976a: 57; Strohmeier 1912c: 9, 1914c: 23, (tx) Chapuis 1865: 134; Schedl 1936c: 230, 1937d: 37, 1951h: 285, 1952d: 363, 1960c: 18, 1972f: 239, 1975b: 32; Strohmeier 1912c: 9, 1914c: 23.

gabensis Schedl 1974d: 467. Holotype ♂; Block 10, New Guinea Industries logging area, Gabensis, Morobe District, CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Terminalia complanata*.

Notes: (1) Roberts 1989: 269 (originally a subspecies of *cordiger*; raised to species rank).

References: (tx) Roberts 1989: 269; Schedl 1974d: 467, 1975b: 21.

gagates Schedl 1976a: 59. Holotype ♂: Rio Caragnata, Matto Grosso, Brazil; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (tx) Schedl 1976a: 59.

galbulimimae Roberts & Morimoto 1986: 169. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.

Distribution: New Guinea.

Hosts: *Galbulimima* sp.

References: (tx) Roberts & Morimoto 1986: 169.

gemellus (Schedl) 1936e: 48 (*Crossotarsus*). Lectotype ♂: N. Guinea, Moroka, 1300 m; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (ds) Schedl 1972f: 221, (tx) Schedl 1936e: 48–50, 1972f: 221, 1975a: 32.

geminatus Chapuis 1865: 239. Syntypes 2♀, ♀; de la Nouvelle-Hollande; 1 in MNB, Berlin, 1 ♀ in MNHN, Paris.

Distribution: Asia (Malaya), Australia, Bougainville Island, Indonesia (Borneo, Celebes, Sumatra, Sumbawa), New Guinea, Philippine Islands (Luzon), Solomon Islands.

Hosts: *Albizzia* sp., *Cassia javanica*, *Polyosma* sp., *Scaphium affine*.

References: (cn) Froggatt 1926b, (hb) Froggatt 1926b, (ds) Beeson 1935b: 295; Browne 1951a: 126; Choo, Woo, & Kim 1981: 202; Gemminger & Harold 1872: 2698; Nobuchii 1977: 124; Ohno, Yoneyama, & Nakazawa 1987a: 95, 1987b: 90; Ohno et al. 1985b: 98, 1989: 65; Schedl 1937d: 40, 1935g: 423, 1965g: 23, 1966b: 93, 1966g: 33, 1969a: 207, 1969e: 156, 1971c: 367, 1972f: 189; Strohmeier 1912c: 16, 1914c: 26, (tx) Chapuis 1865: 239; Nobuchii 1985: 329; Schedl 1960c: 45–46, 1972f: 189; Strohmeier 1912c: 16, 1914c: 26.

turbatus Chapuis 1865: 242. Syntypes ♂: de l'île Luçon, Manille; 1 in MNB, Berlin, 1 in IRSNB, Brussels (Schedl 1960c: 46). Synonymy: Schedl 1972f: 190.

References: (hb) Browne 1935a, 1941, (ds) Baer 1886; Beeson 1941 (1961: 267); Browne 1935a; Gemminger & Harold 1872: 2700; Sampson 1925a: 3; Schedl 1936j: 22, 1962i: 75, 1964c: 305; Strohmeier 1912c: 16, 1914c: 27, (tx) Chapuis 1865: 242; Sampson 1925a: 3; Schedl 1937d: 33, 40, 1935g: 423, 1942c: 164, 1952b: 365, 1955b: 282, 1960c: 45–46, 1972f: 190; Strohmeier 1911b: 17, 1912c: 16, 1914c: 217; Wylie & Yule 1977.

gerstaeckeri Chapuis 1865: 240. Syntypes ♂ ♀; des îles Fiji; 1 ♀ BMNH, London, 1 ♂ IRSNB, Brussels.

Distribution: Australia, Fiji Islands, New Guinea.

Hosts: *Sicictenia macrophylla*.

References: (bv) Roberts 1977c, (cn) Lever 1935: 14–18, 1940a: 38; Roberts 1977b: 563, 1977c, (hb) Roberts 1977b: 563, 1977c, (ds) Beeson

- 1938b: 295; Gemminger & Harold 1872: 269S; Roberts 1977b: 563; Schedl 1972f: 202, 1979h: 158; Strohmeier 1912c: 16, 1914c: 26. **(tx)** Chapuis 1865: 240; Fairmaire 1881: 468; Schedl 1941e: 154, 1942c: 163–164, 1950f: 35, 41, 1960c: 45, 1972f: 202; Strohmeier 1912c: 16, 1914c: 26. **(ms)** Roberts 1977c.
- giluwe** Roberts 1979: 87. Holotype ♂; Papua New Guinea: 14 km south-west of Onim Hut, Mount Giluwe, 2450 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Ficus* sp., *Syzygium* sp.
References: **(tx)** Roberts 1979: 87.
- glabratus** Roberts 1972: 69. Holotype ♂; West Cameroon: Buea, 4000 feet; BMNH, London.
Distribution: Africa (Cameroon).
Hosts: *Ficus vogeliana*.
References: **(tx)** Roberts 1972: 69.
- globicollis** Schedl 1979g: 112. Holotype ♀; Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(tx)** Schedl 1979g: 112.
- glochideus** Roberts & Morimoto 1986: 170. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Planchonella* sp.
References: **(tx)** Roberts & Morimoto 1986: 170.
- godmani** Blandford 1896c: 101. Syntypes ♂ ♀; Guatemala, Simanja in Vera Paz; BMNH, London. Figures: Blandford 1896c: pl. 4, fig. 10.
Distribution: North America (Guatemala).
References: **(ds)** Blackwelder 1947: 789; Equihua & Atkinson 1987: 23; Schedl 1972f: 239; Strohmeier 1912c: 9, 1914c: 23. **(tx)** Blandford 1896c: 101–102; Equihua & Atkinson 1987: 23; Nürnberg 1939: 228, 232; Schedl 1972f: 239; Strohmeier 1912c: 9, 1914c: 23.
- gotalae** Schedl 1975f: 387. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(tx)** Schedl 1975f: 387.
- gongylodes** Roberts & Morimoto 1986: 170. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Syzygium* sp.
References: **(tx)** Roberts & Morimoto 1986: 170.
- gotoi** Browne 1981b: 604. Holotype ♂; Muara Sabak (Sumatra) to Ishinomaki (Japan), imported; BMNH, London.
Distribution: Indonesia (Sumatra).
References: **(tx)** Browne 1981b: 604.
- gracilicornis** (Schedl) 1936c: 49 (*Crossotarsus*). Syntypes ♂; N. Guinea S.E., Moroka, 1300 m; MCG, Genova, and Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
Notes: (1) Schedl 1975a: 33 (citation of holotype invalid). (3) Schedl 1942c: 200 (described female).
References: **(ds)** Schedl 1972f: 221. **(tx)** Schedl 1936c: 49, 1942c: 200, 1972f: 221, 1975a: 33, 1975b: 33.
- gracilior** Browne 1984f: 63. Holotype ♂; New Guinea: Morobe District, Mount Kaindi, 2350 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Nothofagus carrii*.
References: **(tx)** Browne 1984f: 63.
- gracilis** Broun 1893: 1254. Syntypes?; New Zealand; Broun Collection.
Figures: Milligan 1979: fig. 5.
Distribution: New Guinea, New Zealand.
References: **(bv)** Milligan 1974, 1982a; Ytsma 1986. **(cn)** Milligan 1974, 1979, 1982a. **(cc)** Milligan 1974; Payton 1989; Zervos 1980. **(hb)** Milligan 1970a, 1979; Nemmann & Harris 1974: 135. **(ds)** Broun 1887; Hutton 1904: 219; Milligan 1979; Schedl 1972f: 203; Strohmeier 1912c: 19, 1914c: 29. **(tx)** Broun 1893: 1254; Milligan 1979: fig. 5; Milligan, Osorne, & Ytsma 1988; Milligan & Ytsma 1988; Schedl 1972f: 203; Strohmeier 1912c: 19, 1914c: 29; Ytsma 1988. **(ms)** Ytsma 1986.
- inimicus** Broun 1910: 71. Holotype ♂; New Zealand; Ranrim; Broun Collection. Synonymy: Schedl 1972f: 203.
References: **(tx)** Broun 1910: 71; Schedl 1939e: 362, 1941c: 360, 1972f: 203.
- granarius** Schedl 1952d: 363. Holotype ♂; Paraguay, Hohenau; Schedl Collection in NHMW, Wien.
Distribution: South America (Paraguay).
References: **(ds)** Schedl 1972f: 239. **(tx)** Schedl 1952d: 363, 1972f: 239, 1975a: 33.
- grandiporus** Schedl 1961i: 232. Holotype ♀; Bolivia; Schedl Collection in NHMW, Wien.
Distribution: South America (Bolivia).
References: **(ds)** Schedl 1972f: 242. **(tx)** Schedl 1961i: 232, 1972f: 242, 1975a: 33.
- granifer** Schedl 1942a: 200. Holotype ♂; Malaya, Rotan Tinggi F.R.; BMNH, London.
Distribution: Asia (Malaya).
Hosts: *Vatica* sp.
References: **(ds)** Browne 1961c: 199; Schedl 1972f: 213. **(tx)** Schedl 1942a: 200, 1972f: 213.
- granosus** Browne 1986b: 341. Holotype ♂; New Guinea: Fak fak to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: *Penarhau* (Myristicaceae) log.
References: **(tx)** Browne 1986b: 341.

- granulipennis** Schedl 1975g: 225. Holotype ♂: Australia, New South Wales, Williams R.; Schedl Collection in NHMW, Wien.
Distribution: Australia (New South Wales), New Guinea.
References: (ds) Schedl 1979a: 159, (tx) Schedl 1975g: 225, 1975a: 33.
- granulosus** Browne 1954c: 455. Holotype ♂: Manokwari (West Irian) to Nagoya (Japan), imported.
Distribution: New Guinea.
Hosts: *Pomelia* sp.
References: (tx) Browne 1954c: 455.
- graji** Schedl 1972i: 59. Holotype, sex?, Namarodu, New Ireland Dist.; CSIRO, Canberra.
Distribution: Bougainville Island, New Ireland Island.
References: (ds) Schedl 1972a: 193, (tx) Schedl 1972f: 193, 1972i: 59, 1975a: 34.
- graji immersus** Schedl 1972i: 60. Holotype ♂: Tonolei, Bougainville Dist., New Ireland; CSIRO, Canberra.
References: (ds) Schedl 1972f: 193, (tx) Schedl 1972f: 193, 1972i: 60, 1975a: 34.
- gregalis** Schedl 1936c: 227. Lectotype ♂: Guyane Française, St.-Laurent du Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 34.
Distribution: South America (Cayenne/ Guyana).
References: (ds) Blackwelder 1947: 789; Schedl 1934a: 247, 1972f: 239, (tx) Schedl 1934a: 247, 1936c: 227, 1972f: 239, 1975a: 34.
- grumosus** Roberts & Morimoto 1956: 171. New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Agathis alba*.
References: (tx) Roberts & Morimoto 1956: 171.
- guadeloupensis** Schedl 1935i: 45. Lectotype ♂: Guadeloupe; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 34.
Distribution: Antilles Islands (Guadeloupe).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 214, (tx) Schedl 1935i: 45, 1972f: 214, 1975a: 34.
- gumicus** Roberts 1956: 51. Holotype ♂: New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Galbulimima* sp.
References: (tx) Roberts 1956: 51.
- gumiensis** Roberts 1959: 270. Holotype ♂: Papua New Guinea: Gumi, Watut Logging Area, Bulolo, 2200 m; NHMW, Wien.
Figures: Roberts 1959: 256.
Distribution: New Guinea.
Hosts: *Garcinia* sp.
References: (tx) Roberts 1959: 270, 286.
- haagi** Chapuis 1865: 173. Syntypes ♂♀: du Mexique: 1 ♂, 1 ♀ in BMNH, London (Schedl 1960c: 28).
Distribution: North America (Veracruz in Mexico/ Panama).
References: (ds) Blackwelder 1947: 789; Blandford 1896c: 107; Equilma & Atkinson 1957: 23; Ferrer 1942; Gemminger & Harold 1872: 2695; Schedl 1972f: 231; Strohmeier 1912c: 11, 1914c: 24, (tx) Blandford 1896c: 101; Chapuis 1865: 173; Equilma & Atkinson 1957: 23; Schedl 1940a: 324, 1952a: 462, 1960c: 28, 1972f: 231; Strohmeier 1912c: 11, 1914c: 24.
- hamaticeps** Schedl 1942a: 205. Lectotype ♂: Malaya, Negri Sembilan, Pasoh F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 34.
Distribution: Asia (Malaya).
References: (ds) Schedl 1972f: 198, (tx) Schedl 1942a: 205, 1972f: 198, 1975a: 34.
- hamaticollis** Schedl 1942a: 204. Lectotype ♂: Malaya, Perak, Trolak F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 34.
Distribution: Asia (India/ Malaya), Indonesia (Borneo).
Hosts: *Amoora spectabilis*, *Garcinia* sp., *Gonystylus bancanus*.
References: (ds) Browne 1961c: 210; Schedl 1969c: 64, 1972f: 186, (tx) Schedl 1942a: 203, 1972f: 186, 1975b: 34.
- garcinia** Browne 1961a: 314. Holotype ♂: Sarawak: Bako National Park; BMNH, London. Synonymy: Schedl 1972f: 186.
References: (ds) Parsons 1963: 352, (tx) Browne 1961a: 314; Schedl 1972f: 186.
- hamatipennis** Schedl 1970b: 364. Holotype ♂: Malaya, Singapore to Nagoya (Japan), imported; Schedl Collection in NHMW, Wien.
Distribution: Asia (Malaya).
Hosts: *Septer*.
References: (ds) Nobuchi 1977: 115; Schedl 1972f: 220, (tx) Schedl 1970b: 364–365, 1972f: 220, 1975b: 34.
- hamatulus** Schedl 1942a: 204. Holotype ♂: Malaya, Bukit, Kajang F.R.; Schedl Collection in NHMW, Wien.
Distribution: Asia (Malaya).
Hosts: *Pseudoecgenia* sp.
References: (ds) Browne 1961c: 195, 1950d: 492; Schedl 1972f: 206, (tx) Schedl 1942a: 203–204, 1972f: 206, 1975a: 34.
- hamatus** Blandford 1894d: 138. Syntypes 2 ♂: Yuyama and Miyanoshta, Japan; BMNH, London.
Figures: Nobuchi 1973b: pl. 2.
Distribution: Asia (Japan).
Notes: (3) Murayama 1953: 37 (described female).
References: (ds) Blandford 1894c: 579; Murayama 1929a: 673, 1937c: 579, 1954b: 185; Nobuchi

- 1973b: 12; Schedl 1972f: 210; Strohmeier 1912c: 18, 1914c: 28. (**tx**) Blandford 1894d: 138; Murayama 1925b: 235, 1953: 37, 1954b: 188; Nobuchi 1973b: 12, pl. 2; Schedl 1934f: 1647, 1941b: 416, 1972f: 210; Strohmeier 1912c: 18, 1914c: 28.
- hashimotoi** Brown 1986b: 335. Holotype ♂: Fakfak (New Guinea) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: Nuyatoh (Sapotaceae) log.
References: (**tx**) Brown 1986b: 335.
- hastulifer** Schedl 1959d: 68. Holotype ♂: Crocodile Is., Millingimbi, N. Australia; F. E. Wilson Collection.
Distribution: Australia (Northern Australia).
References: (**ds**) Schedl 1959d: 67, 1972f: 198, (**tx**) Schedl 1959d: 67–68, 1972f: 198, 1978a: 35.
- hebetatus** Roberts 1986: 43. Holotype ♂: New Guinea; Papua, Gumii, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Xanthophyllum papuanum*.
References: (**tx**) Roberts 1986: 43.
- heterodoxus** Schedl 1967f: 162. Holotype ♀: Borneo, Xantus; NHMB, Budapest.
Distribution: Indonesia (Borneo).
References: (**ds**) Schedl 1972f: 210, (**tx**) Schedl 1967f: 162–163, 1972f: 210.
- hians** Chapuis 1865: 167. Syntypes ♀: du Bresil; 1 in BMNH, London, 1 apparently lost with Stettin Museum.
Figures: Bright 1972d: 19.
Distribution: Antilles Islands (Bahamas Islands/ Barbados/ Guadeloupe/ Jamaica), North America (Costa Rica/ Panama), South America (Bolivia/ Brazil/ Cayenne/ Guyana/ Paraguay/ Peru/ Suriname/ Venezuela).
Hosts: *Castilloa costaricensis*.
References: (**ds**) Blackwelder 1947: 759; Bright 1972d: 18; Equihua & Atkinson 1987: 23; Gemminger & Harold 1872: 2698; Schedl 1960a: 76, 1963f: 64, 1966f: 92, 1972f: 231, 1972g: 48, 1973a: 368, 1975c: 292; Strohmeier 1912c: 11, 1914c: 24. (**tx**) Bright 1972d: 18–19; Chapuis 1865: 167; Equihua & Atkinson 1987: 23; Keler 1927a: 235; Schedl 1960c: 27, 1972f: 231; Strohmeier 1912c: 11, 1914c: 24.
- apertus** Chapuis 1865: 169. Syntypes ♂: Guadeloupe; 1 in BMNH, London (Schedl 1960c: 27). Synonymy: Schedl 1972f: 231.
References: (**ds**) Blackwelder 1947: 785; Fleutiaux & Salle 1890: 455; Gemminger & Harold 1872: 2697; Schedl 1933c: 171; Strohmeier 1912c: 10, 1914c: 24. (**tx**) Chapuis 1865: 169; Keler 1927a: 235; Schedl 1933c: 171, 1934e: 212, 1941c: 155, 1960c: 27, 1972f: 231; Strohmeier 1912c: 10, 1914c: 24.
- perpusillus** Chapuis 1865: 171. Syntypes ♂ ♀: du Bresil. Ega, ♂ Caracas; 1 ♀ MNB, Berlin, 2 ♂ in BMNH, London. Synonymy: Schedl 1972f: 231.
- References: (**ds**) Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Numberg 1963c: 107; Strohmeier 1912c: 12, 1914c: 25. (**tx**) Chapuis 1865: 171; Numberg 1939: 241, 1940: 69; Schedl 1936c: 238, 1937d: 39, 1960c: 28, 1972f: 231; Strohmeier 1912c: 12, 1914c: 25, 1960c: 25.
- hinchuachani** Schedl 1939e: 361. Holotype ♀: Hin-chua-Chan, Malaya; Schedl Collection in NHMW, Wien.
Distribution: Asia (Malaya).
References: (**ds**) Schedl 1972f: 194, (**tx**) Schedl 1939e: 361, 1972f: 194, 1978a: 35.
- hintzi** Schaufuss 1897b: 103. Syntypes ♂: Gencin [Zaire?]; Hamburg Museum, lost.
Figures: Lhoste & Roche 1960: fig. 2, Mayne & Donis 1962: 282, Roche & Lost 1960: figs. a–b.
Distribution: Africa (Angola/ Cameroon/ Central African Republic/ Congo/ Ethiopia/ Fernando Po Island/ French Guinea/ Gabon/ Ghana/ Ivory Coast/ Kenya/ Malawi/ Mozambique/ Namibia/ Niger/ Nigeria/ Rwanda/ Senegal/ Sierra Leone/ South Africa/ Spanish Guinea/ Sudan/ Tanzania/ Togo/ Uganda/ Zaire/ Zambia/ Zimbabwe).
Hosts: Brown 1963a: 250–251, Schedl 1962k: 609–616 (many hosts listed).
Notes: (3) Numberg 1967b: 325 (named aberration *niger*, no status).
References: (**ay**) Entwistle 1963b; Farris & Funk 1965: 531; Lhoste & Roche 1959: 76–86, 1960; Mayne & Donis 1960: 98; Roche & Lhoste 1960: 2056. (**bv**) Entwistle 1963b; Loytyniemi, Beaver, & Loytyniemi 1955: 28. (**cn**) Alliot & Ivanes 1950: 163–168; Anonymous 1953j: 25; Beaver 1958a: 69; Brown 1961e: 10, 1965b: 571; Cachan 1957: 5–6, 15, 42–53; Halperin & Menier 1951; Mayne & Donis 1951: 337; Roberts 1961a: 41, 1969: 117; Sallenove 1948: 435; Vrydagh 1947a: 5. (**cc**) Anonymous 1953j: 25; Brown 1961e: 10; Farris & Funk 1965: 531; Jover 1952: 73–81; Mayne & Donis 1951: 337; Roche & Lhoste 1960: 2056; Sallenove 1948: 435; Schedl 1958d: 189, 1962k: 600; Smiley & Moser 1954. (**hb**) Beaver 1958a: 69; Beaver & Loytyniemi 1955b: 116; Brown 1963a: 250, 1968b: 571; Entwistle 1963b; Jones, Roberts, & Baker 1959: 13–54; Jover 1952; Loytyniemi, Beaver, & Loytyniemi 1955: 28; Roberts 1961a; Schedl 1958d: 189, 1962k: 600; Thompson, G. H. 1963: 58; Webb & Jones 1957: 25–41. (**ds**) Amaro & Gonveia 1957: 99–100, 131, 141; Beaver 1958a: 69; Beaver & Loytyniemi 1955b: 116; Brown 1961e: 10, 1963a: 250, 1968b: 571, 1972c: 100, 1975a: 757, 1975b: 396; Cola 1971, 1973; Collart 1934: 249; Ferreira 1965: 1129; Gardner 1957a: 29; Halperin & Menier 1951; Hargreaves 1937: 509; Lee 1971: 30; Mayne & Donis 1962: 282; Menier 1973a; Monteiro Guimaraes 1959: 159; Numberg 1952: 22, 1960a: 301, 1965b: 22; Roberts 1960a: 35–37, 1960c:

- 1960f, 1961a: 39–43, 1961b: 53–60, 1965: 155; Schedl 1933f: 192, 1937f: 15, 1938d: 452, 1959p: 22, 1961d: 175, 1962h: 63, 1962k: 600–601, 1964f: 619, 1964i: 249, 1964j: 42, 1965e: 356, 1965g: 21, 1966a: 276, 1966c: 229, 1966g: 37, 1967c: 220, 1968b: 145, 1969d: 4, 1971c: 1, 1971f: 150, 1971g: 196, 1972c: 284, 1972f: 231, 1972k: 296, 1975h: 351, 1977d: 279, 1979b: 416, 1982: 279; Spahr 1951: 50; Strohmeier 1912c: 11, 1914c: 24; Thompson, G. H. 1963: 58; Vrydagh 1947a: 8; Wood, S. L. 1957c: 1272, (tx) Eggers 1936b: 33; Lhoste & Roche 1960: fig. 2; Mayne & Donis 1962: 282; Numberg 1952: 22, 1962: 325, 1967b: 325; Powell, W. 1957: 28; Roche & Lhoste 1960: fig. a, b; Schaufuss 1897b: 103; Schedl 1933f: 192, 1936c: 51, 1936f: 102, 1937c: 39, 1937f: 15–17, 1939g: 167, 1941d: 351, 1941e: 155, 1950c: 205, 1950d: 4, 10, 14, 18, 1950e: 212, 1951e: 39, 1951g: 1104, 1952g: 53, 1952j: 5, 1953g: 243, 1954d: 874, 1954e: 48, 58, 1955c: 31, 1955d: 268–271, 1955i: 213, 1962k: 600, 1972f: 231; Strohmeier 1912c: 11, 1912f: 78, 1914c: 24.
- dispar* Schaufuss 1897b: 108. Syntypes ♂ ♀; Gabon; Hamburg Museum, lost. Synonymy: Schedl 1937d: 39.
References: (ec) Hughes & Jackson 1958: 57; Krezal 1959: 611; Vitzthum 1923: 162. (hb) Strohmeier 1911a: 182, (ds) Schedl 1933f: 192; Strohmeier 1911a: 182, 1911f: 204, 1912c: 11, 1914c: 24. (tx) Jeannel 1949: 989; Schaufuss 1897b: 108; Schedl 1933f: 192, 1937d: 39, 1972f: 231; Strohmeier 1912c: 11, 1912f: 78, 1914c: 24.
- penetralis* Sampson 1922: 140. Syntypes ♂ ♀; Portuguese East Africa; Ninavane; BMNH, London. Synonymy: Schedl 1937d: 39.
References: (cn) Slow 1954. (ds) Schedl 1933f: 192. (tx) Sampson 1922a: 140, 1924c: 129; Schedl 1933f: 192, 1937d: 39, 1972f: 231.
- hippocrepicus** Roberts 1986: 44. Holotype ♂; New Guinea; Papua. Popodetta; BMNH, London.
Distribution: New Guinea.
Hosts: *Anoora* sp.
References: (tx) Roberts 1986: 44.
- hirtellus** Schedl 1936c: 55. Syntypes ♂; Mentawai Island, Sipora Sereim; MCG, Genova, and Schedl Collection in NHMW, Wien.
Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo, Mentawai), Samoan Islands.
Hosts: *Palaquium* sp.
Notes: (1) Schedl 1978a: 35 (citation of holotype invalid).
References: (hb) Browne 1961c: 200, (ds) Beaver 1976b: 545; Browne 1961a: 312, 1961c: 200, 1980a: 372, 1980d: 381, 1986c: 662; Schedl 1964c: 305, 1972f: 185. (tx) Browne 1961a: 312, 1970: 578; Schedl 1936c: 55, 1942a: 172, 200, 1964g: 251, 1972f: 185, 1978a: 35.
- hirtus** Schedl 1955b: 310. Holotype ♂; Dutch New Guinea, Maffin Bay; CAS, San Francisco.
Distribution: New Guinea, Philippine Islands.
Hosts: *Diospyros* sp.
Notes: (1) Browne 1966: 235 (raised from subspecies of *solidus* to species rank). (3) Schedl 1972h: 66 (described female).
References: (ds) Browne 1966: 235; Schedl 1972f: 198, (tx) Browne 1966: 235; Nobuchi 1985: 329; Schedl 1955b: 282, 310, 1972f: 198, 1972h: 66–67, 1978a: 35, 67.
- histris** (Schedl) 1969a: 217 (*Platyscapus*). Holotype ♂; Borneo (Sarawak), Lawas to Tokyo (Japan), imported; PPST, Tokyo.
Figures: Nobuchi 1978a: 80.
Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo).
Hosts: *Shorea* sp.
References: (ds) Browne 1983a: 555; Nobuchi 1977: 122; Schedl 1972f: 190, (tx) Nobuchi 1978a: 80, 1978b: 78; Schedl 1969a: 217–218, 1972f: 190.
- holdhausi** Schedl 1935c: 176. Lectotype ♀; Brasilien; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 35.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 239, (tx) Schedl 1935c: 176, 1972f: 239, 1978a: 35.
- horishensis** Murayama 1928a: 284. Holotype ♂; Formosa; Horisha; Murayama Collection in USNM, Washington.
Distribution: Asia (Taiwan).
References: (ds) Browne 1972f: 217; Miwa 1931: 266; Murayama 1929a: 674, 1937c: 579; Nobuchi 1967: 26; Schedl 1972f: 217. (tx) Murayama 1928a: 284; Schedl 1972f: 217.
- hospes** Schedl 1964g: 253. Holotype ♂; Sarawak, Semengoh; BMNH, London.
Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo).
Hosts: *Caupnosperma* sp.
References: (ds) Schedl 1972f: 227, (tx) Schedl 1964g: 253, 1969b: 232, 1972f: 227, 1978a: 35.
- humilis** Chapuis 1865: 229. Holotype ♀; de Caraccas; lost? (Schedl 1960c: 43).
Distribution: South America (Cayenne/Venezuela).
Notes: (3) Schedl 1936c: 241 (described male).
References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Schedl 1972f: 218; Strohmeier 1912c: 14, 1914c: 26. (tx) Chapuis 1865: 229; Schedl 1936c: 241, 1939b: 394, 1960c: 43, 1972f: 218, 1978b: 35; Strohmeier 1912c: 14, 1914c: 26.
- hybridus** Schedl 1935b: 395. Holotype ♂; Philippine Islands; Schedl Collection in NHMW, Wien.
Distribution: Asia (Burma/ Assam in India/ Malaya/ Pakistan/ Thailand/ Vietnam), Indonesia

- (Java), New Guinea, Philippine Islands (Mindanao), Lesser Sunda Islands (Bali).
 Hosts: *Aiphonsea ventricosa*, *Diospyros pseudo-chenum*, *Meilosoma simplicifolia*, *Odina woderi*, *Shorea leprosula*.
 Notes: (3) Browne 1955: 371 (described female), Beeson 1961: 266 (*scut.*, nomen nudum, synonymy in Schedl 1969c: 69).
 References: (**hb**) Browne 1961c: 198; Kalshoven 1960c: 36, (**ds**) Beaver & Browne 1975: 309; Browne 1961c: 198, 1981b: 598; Kalshoven 1960: 36; Schedl 1938g: 423, 1962f: 166, 1962i: 73, 1966b: 93, 1969c: 69, 1972f: 192, 1975a: 453, (**tx**) Beeson 1941 (1961: 266); Browne 1955: 371; Nobuchi 1985: 329; Schedl 1935b: 395–396, 1935g: 423, 1941a: 43, 1953c: 291, 1955b: 102, 1972f: 192, 1978a: 36.
- ignotus** Schedl 1936c: 232. Holotype ♂; Suriname; Schedl Collection in NHMW, Wien.
 Distribution: South America (Suriname).
 References: (**ds**) Blackwelder 1947: 789; Schedl 1972f: 239, (**tx**) Schedl 1936c: 227, 232, 1972f: 239.
- imberbis** Roberts 1989: 271. Holotype ♂; Papua New Guinea; Gumi, Watut Logging Area, Bulolo, 2000 m; NHMW, Wien.
 Distribution: New Guinea.
 Hosts: *Myristica* sp.
 References: (**tx**) Roberts 1989: 271.
- imitatrix** Schedl 1972f: 195–196. Holotype ♂; Brasilien, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
 Distribution: South America (Brazil).
 References: (**ds**) Schedl 1972f: 195, 1973d: 163, 1976a: 57, (**tx**) Schedl 1972f: 195–196 (footnote).
- immunis** Schedl 1959m: 556. Holotype ♂; Matto Grosso; Rio Caraguata; Schedl Collection in NHMW, Wien.
 Distribution: South America (Brazil).
 References: (**ds**) Schedl 1966f: 93, 1970e: 86, 1972f: 231, 1972g: 48, 1976a: 57, (**tx**) Schedl 1959m: 556, 1972f: 231, 1978a: 36.
- imparideus** Browne 1981b: 604. Holotype ♂; Kimi (New Guinea) to Yatsushiro (Japan), imported; BMNH, London.
 Distribution: New Guinea.
 References: (**tx**) Browne 1981b: 604.
- impolitus** Roberts 1972: 70. Holotype ♂; West Cameroon; Bafut-Ngemba Forest Reserve, 5000 feet; BMNH, London.
 Distribution: Africa (Cameroon).
 Hosts: *Fagara macrophylla*, *Polyscias fulva*.
 References: (**tx**) Roberts 1972: 70.
- imporcatus** Blandford 1896c: 100. Holotype ♂; Panama, Volcan de Chiriqui; BMNH, London.
 Distribution: North America (Panama).
 References: (**ds**) Blackwelder 1947: 789; Equihua & Atkinson 1987: 23; Schedl 1972f: 239; Strohmeyer 1912c: 9, 1914c: 23, (**tx**) Blandford 1896c: 100–101; Equihua & Atkinson 1987: 23; Schedl 1933a: 400, 1972f: 239; Strohmeyer 1912c: 9, 1914c: 23.
- impressifrons** Schedl 1942a: 208. Lectotype ♀; Malaya, Buloh F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 36.
 Distribution: Asia (Malaya).
 Hosts: *Shorea leprosula*.
 References: (**ds**) Browne 1961c: 202; Schedl 1972f: 242, (**tx**) Schedl 1942a: 208, 1972f: 242, 1978a: 36.
- impressus** (Strohmeyer) 1912f: 82 (*Crossotarsus*). Syntypes ♂; Ostafrika; MNB, Berlin and Strohmeyer Collection.
 Distribution: Africa (Cameroon/ Congo/ Ethiopia/ Fernando Po Island/ Ghana/ Ivory Coast/ Kenya/ Nigeria/ Ruanda/ Sierra Leone/ South Africa/ Tanzania/ Togo/ Uganda/ Zaire).
 Hosts: Schedl 1962k: 655–656 (45 host species listed).
 References: (**bv**) Loytyniemi, Beaver, & Loytyniemi 1985: 28, (**hb**) Beaver & Loytyniemi 1985b: 116; Loytyniemi, Beaver, & Loytyniemi 1985: 28; Roberts 1969: 117; Schedl 1962k: 653–657; Strohmeyer 1911a: 182, (**ds**) Beaver & Loytyniemi 1985b: 116; Mayne & Donis 1951: 336, 1960: 98, 1962: 285; Schedl 1933f: 203, 1962h: 62–63, 1962k: 653, 1107, 1964f: 619, 1965g: 21, 1967e: 220, 1972f: 215, 1979h: 416; Scott 1936: 33; Strohmeyer 1911a: 182, 1912c: 6, 1914c: 36, (**tx**) Eggers 1936b: 33; Schedl 1933f: 202–203, 1937d: 42, 1938d: 452, 1941d: 415, 1950d: 34, 1950g: 896, 1954d: 874, 1954e: 48–73, 1957d: 119–121, 1965: 21, 1970: 228, 1972f: 215; Strohmeyer 1912c: 6, 1912f: 82–85, 1914c: 36.
- mordax** Sampson 1924c: 131. Holotype ♂; Gold Coast, Aburi; BMNH, London. Synonymy: Schedl 1957d: 119.
 References: (**hb**) Thompson, G. H. 1963: 59, (**ds**) Browne 1981a: 127; Mayne & Donis 1960: 98, 1962: 286; Schedl 1933f: 202, 1938d: 452, 1943c: 70; Thompson, G. H. 1963: 59, (**tx**) Sampson 1924c: 131–132; Schedl 1933f: 202, 1954d: 874, 1954e: 48, 58, 1957d: 118–119, 1972f: 215.
- occidentalis** Schedl 1950d: 34. Holotype ♂; Fernando Poo; Deutsche Ent. Inst.
 Notes: (3) Schedl 1972f: 215 (treated as a subspecies of *impressus*).
 References: (**ds**) Schedl 1972f: 215, (**tx**) Schedl 1950d: 34, 1962k: 657, 1972f: 215.
- impressus ater** Schedl 1957d: 121. Lectotype ♂; Embu, Kenya; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 36.
 References: (**ds**) Gardner 1957a: 29; Schedl 1962k: 658, 1972f: 215, (**tx**) Schedl 1955i: 213, 1957d: 121, 1962k: 658, 1972f: 215, 1978a: 36, *malacanthae* Roberts 1966: 630. Holotype ♂;

- Nigeria; Jemma; BMNH, London. Synonymy: Schedl 1972f: 215.
References: (ds) Browne 1972c: 101; Roberts 1966: 630, 1968: 155; Schedl 1972f: 215.
- xylopiac* Roberts 1966: 633. Holotype ♂; Nigeria; Obndi Cattle Ranch; BMNH, London. Synonymy: Schedl 1970i: 225.
References: (ds) Roberts 1966: 633, 1968: 159, 1969: 120; Schedl 1970i: 225, 1972f: 215.
- inacessus* Schedl** 1936c: 242. Lectotype ♂; Guyane Française, St-Laurent du Maroni, Bas Maroni, Nouveau Chantier; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 36.
Distribution: North America (San Luis Potosi in Mexico), South America (Brazil/Cayenne).
References: (ds) Blackwelder 1947: 759; Equilua & Atkinson 1957: 23; Schedl 1966f: 93, 1970e: 56, 1972f: 215. (tx) Equilua & Atkinson 1957: 23; Schedl 1936c: 242, 1952c: 123, 1972f: 215, 1975a: 36.
- incertus* Schedl** 1970a: 130. Holotype, ♂; New Guinea, Wabag, Western Highlands District; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Casuarina oligodermis*.
Notes: (3) Roberts 1959: 272 (described female).
References: (ds) Schedl 1970a: 130–131, 1972f: 195. (tx) Roberts 1959: 272; Schedl 1970a: 130, 1972f: 195, 1975a: 36.
- heteromorplus* Schedl** 1975f: 355. Holotype ♂; Papua, Wabag, Western Highlands District; Schedl Collection in NHMW, Wien. Synonymy: Roberts 1959: 285.
References: (tx) Roberts 1959: 285; Schedl 1975f: 355.
- incognitus* Schedl** 1955h: 499. Lectotype ♀; Sarawak, Setapok; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 37.
Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo).
References: (hb) Browne 1961c: 212. (ds) Browne 1961c: 212; Schedl 1972f: 242. (tx) Schedl 1955h: 499, 1972f: 242, 1975a: 37.
- incompertus* Schedl** 1965d: 15. Holotype ♂; Eden, N.S.W., Australia; NMV, Melbourne.
Figures: Browne 1971a: 49; Neumann & Harris 1974: 133, Schedl 1968d: pl. 6.
Distribution: Australia (New South Wales).
Hosts: *Eucalyptus fastigiata*, *E. gigantea*, *E. obliqua*, *E. sibiriana*.
Notes: (1) Browne 1971a: 49 (treated in *Austroplatypus*).
References: (bv) Wright, G. M. & Harris 1974. (cn) Harris, Campbell, & Wright 1976; Neumann & Harris 1974. (hb) Harris, Campbell, & Wright 1976; Neumann & Harris 1974; Neumann & Marks 1976; Wright, G. M. & Harris 1974. (tx) Browne 1971a: 49, 1972a: 150; Carne et al. 1950; Neumann & Harris 1974: 133; Schedl 1965d: 15–17, pl. 6, 1972f: 272, 1975a: 37.
- inconstans* Schedl** 1971c: 391. Holotype ♂; Sumatra, Teping Tinggi; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Sumatra).
References: (ds) Schedl 1972f: 186. (tx) Schedl 1971c: 391, 1972f: 186, 1975a: 37.
- incostatus* Schedl** 1972h: 65. Holotype, sex?; Dorrigo, N.S.W.; BMNH, London.
Distribution: Australia (New South Wales).
Hosts: *Eucalyptus lacopinea*.
References: (tx) Schedl 1972h: 65.
- indicus* Strohmeier** 1910e: 131. Syntypes ♂; Nilgiri Hills (India orientalis); 1 in Andrews Collection, 2 in Strohmeier Collection.
Distribution: Asia (Bangladesh/ Burma/ Assam, Bengal, Karnataka, Tamil Nadu, Uttar Pradesh in India; Taiwan/ Tonkin Island in Vietnam), Indonesia (Borneo).
Hosts: *Alphousea ventricosa*, *Atrocarpus integrifolia*, *Bombax* spp., *Dalbergia assamica*, *Dipterocaropus pilosus*, *Ficus* spp., *Meliosma simplicifolia*, *Millettia atropurpurea*, *Poinciana clata*, *Salmalia insignis*, *S. malabarica*, *Scluma wallichii*, *Spondias mangifera*, *Talauma hodgsonii*, *Tetrameles nudiflora*.
Notes: (3) Sampson 1922b: 146 (re-described).
References: (cn) Mathur & Singh 1961a: 10, 1961b: 4; Roonwal 1954: 60. (ce) Beeson 1921b: 24. (ds) Beeson 1921b: 24, 1941 (1961: 265); Browne 1970: 576, 1980b: 350; Mathew 1957: 155; Mathur & Singh 1961a: 10, 1961b: 4; Nobuchi 1977: 132, 1978a: 26; Roonwal 1954: 60; Schedl 1937f: 15, 1962b: 157, 1962f: 166, 1966g: 30, 1969e: 67, 1972f: 206, 1975a: 455, 1975e: 453; Strohmeier 1912c: 19, 1914c: 29. (tx) Beeson 1937: 89–90; Gardner 1932b; Sampson 1922b: 146, 1923c: 2, 1928a: 1–3; Schedl 1942a: 172, 1972f: 206; Strohmeier 1910e: 131, 1912c: 19, 1914c: 29.
- inermis* Sampson** 1923c: 73. Holotype ♂; Burma; Tenasserim, Thagata (Fca); MCG, Genova.
Distribution: Asia (Burma).
References: (ds) Schedl 1972f: 201. (tx) Sampson 1923c: 73–74; Schedl 1972f: 201.
- infuscatus* Browne** 1970: 579. Holotype ♂; Burma; Mohyin River, Katha; BMNH, London.
Distribution: Asia (Burma).
Hosts: *Wrightia tomentosa*.
References: (ds) Schedl 1972f: 186. (tx) Browne 1970: 579–580; Schedl 1972f: 186.
- in sculptus* Schedl** 1967d: 18. Holotype ♂; Brasilien, Nova Teutonia, Santa Catarina; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (ds) Schedl 1972f: 219. (tx) Schedl 1967d: 18, 1972f: 219, 1975a: 37.

- insidiosus** Schedl 1935h: 355. Holotype ♂: Petropolis [Brazil]; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 239. (tx) Schedl 1935h: 353–355, 1952d: 364, 1972f: 239, 1978a: 37.
- insignatus** Schedl 1936c: 231. Holotype ♂: Albina, Dutch Guyana; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil/ Suriname).
Notes: (3) Schedl 1976a: 89 (described female).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 239. (tx) Schedl 1935h: 355, 1936c: 230–231, 1952h: 72, 1972f: 239, 1976a: 89, 1978a: 37.
- insularis** Strohmeier 1914f: 4. Syntypes ♂ ♀: Sumatra; Stettin Museum, lost?, and Strohmeier Collection, Eberswalde.
Distribution: Asia (Malaya), Indonesia (Borneo, Java, Malacca, Sumatra).
Hosts: *Albizzia falcata*, *Diospyros* sp., *Elatiospermum tapos*, *Endospermum malaccense*, *Gmelina arborea*, *Hevea brasiliensis*, *Koompassia malaccensis*, *K. malaccensis*, *Pterocarpus indicus*, *Rhizophora mucronata*, *Scaphium affine*, *Shorea bractcolata*, *S. guiso*.
References: (cn) Supriana et al. 1975; Yunus & Hua 1980: 216. (hb) Browne 1961c: 195. (ds) Beeson 1941 (1961: 265); Browne 1961c: 195, 1980a: 371, 1980d: 491; Ohno, Yoneyama, & Nakazawa 1982b: 10, 1987a: 95, 1987b: 90; Schedl 1936d: 7, 1959c: 168, 1961c: 70, 1971e: 367, 1971f: 150, 1972f: 190; Supriana et al. 1975; Yunus & Hua 1980: 216. (tx) Schedl 1937d: 40, 1939e: 336, 1942a: 172, 1954a: 145, 1958b: 102, 1972f: 190; Strohmeier 1914f: 4–5.
- insulindicus** Schedl 1952k: 164. Lectotype ♂: Malaya, Selangor; Sungai Buloh For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 15, automatic.
Distribution: Asia (Burma/ Malaya), Indonesia (Borneo, Java).
Hosts: *Albizzia falcata*, *A. moluccana*, *Artocarpus scortechnii*, *Alstonia* sp., *Dipterocarpus* sp., *Dryobalanops oblongifolia*, *Durio zibethinus*, *Kopsia flavida*, *Parkia speciosa*, *Persca gratissima*, *Pometia* sp., *Shorea leprosula*, *Whitfordiendron pubescens*.
References: (hb) Browne 1961c: 202; Kalshoven 1960c: 36. (tx) Browne 1961c: 202; Kalshoven 1960d: 202; Schedl 1952k: 164, 1960d: 36, 1960i: 110, 1972f: 220.
- bicornis** Schedl 1939e: 360. Lectotype ♂: Selangor; Sungai Buloh For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 15, preoccupied by Numberg 1939.
Notes: (3) Browne 1955: 370 (described female).
References: (cn) Browne 1949c; Hill, D. S. 1983: 515; Mathur & Singh 1961b: 90; Yunus & Hua 1980: 216. (hb) Browne 1938a, 1941: Hill, D. S. 1983: 515. (ds) Beeson 1941 (1961: 263); Browne 1938a; Hill, D. S. 1983: 515; Mathur & Singh 1961b: 90; Yunus & Hua 1980: 216. (tx) Browne 1955: 370; Schedl 1939e: 360–361 (December), 1941c: 354, 1952k: 164, 1972f: 220, 238, 1978a: 15.
- bicornutus** Numberg 1959c: 168. Lectotype ♂: Selangor; Sungai Buloh For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 15, automatic.
Notes: (1) An unneeded replacement name.
References: (tx) Numberg 1959c: 168; Schedl 1959c: 168, 1960h: 110, 1972f: 220, 1978a: 15.
- intermedius** (Schedl) 1937d: 42 (*Stenoplatypus*). Lectotype ♂: Kamerun, Soppo, 800 m; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 37.
Distribution: Africa (Cameroon/ Ghana/ Sao Tome Island/ Zaire).
Hosts: Schedl 1962k: 650–651 (29 host species listed).
References: (cn) Anonymous 1953j: 25; Mayne & Donis 1951: 337. (cc) Anonymous 1953j: 25; Mayne & Donis 1951: 337. (hb) Jones, Roberts, & Baker 1959: 13; Schedl 1962k: 648–652; Thompson, G. H. 1963: 59; Webb & Jones 1957: 25–26, 37, 41. (ds) Mayne & Donis 1960: 98, 1962: 285; Schedl 1962k: 648–652, 1964f: 619, 1962h: 63, 1972f: 215; Thompson, G. H. 1963: 59. (tx) Schedl 1937d: 42–43, 1950d: 14, 1954e: 58–62, 1957d: 120, 1962k: 648–651, 1972f: 215, 1978a: 37.
- fae** Schedl 1936e: 61 (*Stenoplatypus*). Lectotype ♂: Is. S. Thome, Agua Ize, 400–700 m; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 30.
Notes: (1) Schedl 1972f: 215 (treated as a subspecies of *intermedius*).
References: (ds) Schedl 1972f: 215. (tx) Schedl 1936e: 61, 1957d: 120, 1962k: 652, 1972f: 215, 1978a: 30.
- interponens** Schedl 1978c: 308. Holotype ♂: Brasilien, Encruzilhada, 980 m, Bahia; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (tx) Schedl 1978c: 308.
- inutilis** (Schedl) 1935k: 479 (*Crossotarsus*). Lectotype ♂: Luzon, Mountain Province, Benguet, Baguio, 1600 m; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 38.
Distribution: Philippine Islands (Luzon).
References: (ds) Schedl 1966b: 94, 1972f: 200. (tx) Nobuchi 1985: 329; Schedl 1935k: 479–480, 1939b: 398, 1941c: 361, 1955b: 309, 1965g: 29, 1972f: 200, 1978a: 38.
- inviolatus** Schedl 1936c: 230. Lectotype ♂: Guyane Francaise, Nouveau Chantier; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 35.

- Distribution: South America (Brazil/Cayenne).
Notes: (3) Schedl 1972g: 79 (described female).
References: (ds) Blackwelder 1947: 789; Schedl 1970e: 56, 1972f: 239. (tx) Schedl 1936c: 230, 1972f: 239, 1972g: 79, 1975a: 35.
- iriani Browne** 1950e: 377. Holotype ♂: Kiri (West Irian, New Guinea) to Yatsushiro (Japan), imported; BMNH, London.
Distribution: New Guinea.
References: (tx) Browne 1950e: 377.
- irregularis Schedl** 1967d: 18. Holotype ♂: Brasilien, Utinga bei Belem; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (ds) Schedl 1972f: 240. (tx) Schedl 1967d: 18–19, 1972f: 240, 1975a: 35.
- irrepertus Schedl** 1936c: 248. Lectotype ♂: Guyane Française, St.-Laurent du Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 39.
Distribution: South America (Cayenne).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 240. (tx) Schedl 1936c: 247–248, 1972f: 240, 1975a: 39.
- irruptus Schedl** 1935e: 176. Holotype ♂: Albina; Dutch Guyana (Schedl 1975a: 38); Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil/Suriname).
Notes: (3) Schedl 1976a: 89 (described female).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 240. (tx) Schedl 1935e: 176–177, 1936c: 228–229, 1972f: 240, 1976a: 89, 1975b: 39.
- iragani Roberts & Morimoto** 1986: 171. Holotype ♂: New Guinea; Papua, Guni, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Garcinia* sp.
References: (tx) Roberts & Morimoto 1986: 171.
- jamaicensis Bright** 1972d: 17. Holotype ♂: Hardwar Gap, St. Andrew Parish, Jamaica, 4000'.
Figures: Bright 1972d: 19.
Distribution: Antilles Islands (Jamaica).
References: (tx) Bright 1972d: 17–19; McNamara 1977: 191.
- jansoni Chapuis** 1865: 244. Syntypes ♂ ♀; de la Nouvelle Guinée, des îles Moluques et Celebes; BMNH, London.
Figures: Wood 1960a: 12.
Distribution: Admiralty Islands, Asia (Sri Lanka/Taiwan), Australia, Bismarck Islands, Indonesia (Buru, Celebes, Java, Key, Moluccas, Sumatra, Timor), Micronesia (Caroline Islands, Marshall Islands), New Britain, New Guinea, New Hebrides Islands, Philippine Islands (Luzon, Mindanao, Negros), Seychelles Islands, Solomon Islands.
Hosts: *Albizia* sp., *Alstonia scholaris*, *Althoffia* sp., *Anisoptera* sp., *Anthocephalus* sp., *Araucaria cunninghamii*, *A. huilei*, *Artocarpus elasticus*, *A. incisus*, *Buchanania* sp., *Carallia* sp., *Cocos nucifera*, *Dalbergia latifolia*, *Dysoxylum* sp., *Eudospermum medullosum*, *Evodia* sp., *Ficus* sp., *Garuga* sp., *Hevea brasiliensis*, *Intsia bijuga*, *Laportea* sp., *Litsea domaricensis*, *Macaranga* sp., *Mangifera indica*, *M. minor*, *Millettia dehiscens*, *Myristica* sp., *Ocoteles sumatrana*, *Parkia speciosa*, *Planchonella* sp., *Polyalthia* sp., *Pometia pinnata*, *Pterocymbium* sp., *Sloanea forbesii*, *Spondias* sp., *Sterculia campanulata*, *S. foetida*, *Tectonus grandis*, *Terminalia brassii*, *Theobroma cacao*, *Trema orientalis*, *Xanthophyllum* sp.
References: (bv) Gray, B. 1974b. (cn) Froggatt 1926b; Gray, B. & Wylie 1974; Kalshoven 1924c; Kleine 1932a: 402; Roberts 1957; Wylie & Shanahan 1975. (cc) Nakashima 1975: 5. (hb) Froggatt 1926b; Gray, B. 1965: 307, 1974b; Gray, B. & Wylie 1974; Kalshoven 1924c, 1960c: 34; Kleine 1932a: 310, 402; Roberts 1957; Wylie & Shanahan 1975. (ds) Beeson 1938b: 295; Browne 1966: 234; Chadwick & Nikitin 1968; Choo, Woo, & Kim 1981: 202; Froggatt 1936; Gomminger & Harold 1972: 2698; Gray, B. 1965: 307; Kalshoven 1960d: 35; Kleine 1932a: 310, 402; Nakashima 1975: 3; Nobuchi 1977: 125; Nunberg 1961b: 611; Olmo, Yoneyama, & Nakazawa 1957a: 95, 1957b: 90; Olmo et al. 1958b: 98, 1959: 65; Sampson 1926: 120; Schedl 1936g: 514, 1961c: 72, 1962i: 73, 1964c: 304, 1964d: 213, 1965g: 25, 1966b: 94, 1966g: 33, 1968e: 264, 1972f: 190, 1979a: 159; Strohmeier 1912c: 16, 1914c: 27; Wood, S. L. 1960a: 7. (tx) Chapuis 1865: 244; Nobuchi 1985: 329; Sampson 1923c: 3; Schedl 1933e: 105, 1936e: 51–52, 1937d: 40, 1940b: 434–435, 1941c: 354, 1941e: 154, 1942a: 172, 1942c: 164, 1952b: 365, 1955b: 282–283, 1958i: 215, 1960c: 46, 1972f: 190; Strohmeier 1911b: 26, 1912c: 16, 1914c: 27; Wood, S. L. 1960a: 7, 11–12; Wylie & Yule 1977.
- javanus Browne** 1964: 755. Holotype ♂; Java; Malang; BMNH, London.
Distribution: Indonesia (Java).
References: (ds) Schedl 1972f: 210. (tx) Browne 1964: 755; Schedl 1972f: 210.
- jelskii Nunberg** 1939: 226. Holotype ♂; Amable, Peru; IZV, Warsaw.
Distribution: South America (Peru).
References: (ds) Blackwelder 1947: 789; Schedl 1972f: 240. (tx) Nunberg 1939: 226–232; Schedl 1952h: 72, 1972f: 240.
- jureneus Schedl** 1972h: 68. Holotype ♂; Gogol Island Base, Madang District; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Evodia* sp., *Pometia* sp.
Notes: (3) Schedl 1974d: 464 (described female).
References: (ds) Schedl 1972f: 224. (tx) Schedl 1972f: 224, 1972h: 68, 1974d: 464, 1975a: 39.
- kalshoveni Schedl** 1941: 360. Syntypes ♀; Java, Preanger, 4000–5000 voet; Kalshoven Collection, and Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Java).

Notes: (1) Schedl 1975a: 39 (citation of holotype invalid).

References: (ds) Schedl 1972f: 194, (tx) Schedl 1941c: 360–361, 1972f: 194, 1978a: 39.

katoii Browne 1983a: 568. Holotype ♂; Wapoga (West Irian) to Nagoya (Japan), imported; BMNH, London.

Distribution: New Guinea.

Hosts: Matoa log.

References: (tx) Browne 1983a: 568.

keelungensis Browne 1985b: 294. Holotype ♂; Keelung (Formosa) to Nagoya (Japan), imported; BMNH, London.

Distribution: Asia (Taiwan).

Hosts: *Quercus* sp.

References: (tx) Browne 1985b: 294.

kiushuensis Murayama 1936a: 145. Holotype ♀; Ishikochi [Japan]; Murayama Collection in USNM, Washington.

Distribution: Asia (Japan/Taiwan).

Hosts: *Quercus gilva*, *Q.* spp.

References: (ds) Murayama 1936a: 139–146, 1937c: 577, 1954b: 205; Nobuchi 1973b: 13; Schedl 1972f: 194, (tx) Murayama 1936a: 139–146, 1954b: 205; Nobuchi 1973b: 13; Schedl 1972f: 194.

klapperichi (Schedl) 1941a: 44 (*Stenoplatypus*). Holotype ♂; Fukien, Kuantun, 2300 m, 27.40 n.Br., 117.4 o.L.; Alexander Koenig Museum, Bonn.

Distribution: Asia (Fujian in China).

References: (ds) Schedl 1972f: 217, (tx) Schedl 1941a: 44, 1972f: 217.

kokodaensis (Schedl) 1935f: 274 (*Crossotarsus*). Lectotype ♀; Papua: Kokoda, 1200 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 40.

Distribution: New Guinea.

References: (ds) Schedl 1972f: 200, (tx) Schedl 1935f: 274–275, 1940b: 434–435, 1941e: 152, 1972f: 200, 1978a: 39.

konincki Chapuis 1865: 128. Syntypes ♂ ♀; de la Nouvelle-Grenade, de Bahia; 1 ♂ in MNB, Berlin, 1 ♂, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 17). Distribution: South America (Argentina/ Brazil/ Magdalena Island in Chile/ Colombia/ Guyana/ Venezuela), Maria Madre Island.

Hosts: *Thicobroma cacao*.

References: (cn) Idrobo 1958: 75, (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2695; Santoro 1957b: 25; Schedl 1960a: 77–79, 1972f: 240, 1972g: 48, 1976a: 57; Steinhausen 1956: 49; Strohmeier 1912c: 9, 1914c: 23, (tx) Chapuis 1865: 128; Schedl 1936c: 224, 1937d: 37, 1955b: 30, 1960c: 17, 1972f: 240; Steinhausen 1956: 49; Strohmeier 1912c: 9, 1914c: 23.

koryoensis (Murayama) 1930b: 24 (*Crossotarsus*). Holotype ♂; Korea; Murayama Collection in USNM, Washington.

Figures: Nobuchi 1967: pl. 2.

Distribution: Asia (Japan/ Korea/ Taiwan/ Ussuri in E USSR).

Hosts: *Acer* sp., *Carpinus laxiflora*, *Quercus acutissima*, *Q. aliena*, *Q. serrata*.

Notes: (3) Arnoldi et al. 1955 (Far East records of *cylindrus* are these species).

References: (ds) Arnoldi et al. 1955: 735–736; Cho 1957; Choo 1983: 32; Choo, Woo, & Nobuchi 1985a: 133; Ko 1969: 273; Murayama 1934f: 142, 1937b: 372, 375, 1937c: 580; Nobuchi 1967: 25; Schedl 1972f: 219, (tx) Choo 1983: 32; Murayama 1930b: 24, 28–31, 38, 1937b: 372, 375; Nobuchi 1967: pl. 2; Schedl 1934f: 1647, 1935k: 484, 1972f: 219.

kusukusensis Murayama 1956b: 13. Holotype ♂; Kusukus, Formosa; Murayama Collection in USNM, Washington.

Distribution: Asia (Taiwan).

Hosts: *Cryptomeria japonica*.

References: (ds) Nobuchi 1967: 26; Schedl 1972f: 210, (tx) Murayama 1956b: 13; Schedl 1972f: 210.

lablabiae Schedl 1979g: 113. Holotype ♂; NE New Guinea, Umboi I., ca 8 km NW Lab Lab, 300 m; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1979g: 113.

labrifrons Schedl 1974d: 467. Holotype ♀; Nauwata Banda logging area, Road 14, Bulolo, Morobe District; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Acanthocephalus cadamba*.

References: (tx) Schedl 1974d: 467, 1975a: 40.

laevis Browne 1980a: 376. Holotype ♂; Bialla (New Britain) to Yatsushiro (Japan), imported.

Distribution: New Britain Island.

References: (ds) Ohno et al. 1985b: 98, 1989: 66, (tx) Browne 1980a: 376.

lafertei Chapuis 1865: 144. Syntypes ♂; de la Colombie; 1 in MNB, Berlin, 2 in BMNH, London, 1 in IRSNB, Brussels (Schedl 1960c: 21).

Distribution: North America (Costa Rica/ "Mexico"/ Panama), South America (Brazil/ Colombia/ Guyana/ Venezuela).

References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1957: 23; Gemminger & Harold 1872: 2699; Schedl 1933c: 166, 1972f: 240; Strohmeier 1912c: 9, 1914c: 23, (tx) Chapuis 1865: 144; Equihua & Atkinson 1957: 23; Schedl 1937d: 37, 1940c: 203–204, 1960c: 21, 1971f: 153, 1972f: 240; Strohmeier 1912c: 9, 1914c: 23; Wood, S. L. 1966a: 59.

parysi Chapuis 1865: 145. Syntypes ♂; de la Colombie; 2 in IRSNB, Brussels (Schedl 1960c: 21). Synonymy: Schedl 1960c: 21.

References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Strohmeier 1912c: 9, 1914c: 23, (tx) Chapuis 1865:

- 145; Schedl 1960c: 21, 1972f: 240; Strohmeier 1912c: 9, 1914c: 23.
- laminatus** Schedl 1964m: 316. Syntypes ♂: Tamandran, Tamatave [Madagascar]; IRSM, Madagascar, and Schedl Collection in NHMW, Wien. Distribution: Madagascar. Notes: (1) Schedl 1975a: 40 (type restricted to IRSM, Madagascar specimens). References: (ds) Schedl 1972f: 232, 1977b: 244, (tx) Schedl 1961c: 157–158, 1964m: 316, 1972f: 232, 1977b: 244, 1978a: 40.
- laosi** Schedl 1971c: 391. Holotype ♂: Laos area, Vanky; Schedl Collection in NHMW, Wien. Distribution: Asia (Laos). References: (ds) Schedl 1972f: 212, (tx) Schedl 1971c: 391–392, 1972f: 212, 1978a: 40.
- lateconcarus** Schedl 1942a: 207. Lectotype ♀: Sumatra, Si-Rambe; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 40. Distribution: Indonesia (Sumatra). References: (ds) Schedl 1972f: 242, (tx) Schedl 1942a: 207, 1972f: 242, 1975a: 40.
- latedeclivis** Schedl 1942a: 206. Holotype ♂: Borneo; Schedl Collection in NHMW, Wien, lost. Distribution: Indonesia (Borneo). References: (ds) Schedl 1972f: 201, (tx) Browne 1962c: 643; Schedl 1942a: 206, 1972f: 201, 1975a: 40.
- latelobatus** Browne 1984f: 62. Holotype ♂: New Guinea; Morobe District, Mount Kaindi, 2350 m; BMNH, London. Distribution: New Guinea. References: (tx) Browne 1984f: 62.
- laticollis** Chapuis 1865: 250. Syntypes ♂: du Bresil; 2 in BMNH, London (Schedl 1960c: 47). Distribution: South America (Brazil). References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2699; Schedl 1972f: 157; Strohmeier 1912c: 16, 1914c: 27, (tx) Chapuis 1865: 250; Schedl 1960c: 47, 1972f: 157; Strohmeier 1912c: 16, 1914c: 27.
- latidens** Browne 1985b: 296. Holotype ♂: Tg. Mani (Sarawak) to Nagoya (Japan), imported; BMNH, London. Distribution: Indonesia (Sarawak in Borneo). References: (tx) Browne 1985b: 296.
- latifinis** Walker 1859: 261. Holotype ♂: Ceylon; BMNH, London. Distribution: Asia (Karnataka, Tamil Nadu in India/ Sri Lanka), Indonesia (Borneo). Hosts: *Bombax malabaricum*, *Diospyros paniculata*, *Doonia zeylanica*, *Eugenia jambolana*, *Ficus asperrima*, *Lamaca grandis*, *Mangifera indica*, *Salmalia malabarica*, *Terminalia bellerica*, *T. paniculata*, *Vateria indica*. References: (cn) Mathur & Singh 1961a: 13, 1961b: 26; Rau 1936: 35–45; Roonwal 1954: 57, (ce) Mathew 1985, (hb) Speyer 1923: 23, (ds) Beeson 1961: 265; Blandford 1895a; Gemminger & Harold 1872: 2699; Mathew 1982, 1987: 188; Mathur & Singh 1961a: 13, 1961b: 26; Roonwal 1954: 57; Schedl 1959a: 514, 1962f: 166, 1971a: 275, 1972f: 210; Strohmeier 1912c: 19, 1914c: 29, (tx) Blandford 1895a: 327–328; Motschulsky 1863; Nimberg 1964: 236; Schedl 1937d: 42, 1939b: 395, 1941b: 423–424, 1959a: 514, 1972f: 210; Strohmeier 1912c: 19, 1914c: 29; Walker 1859: 261.
- excavatus** Chapuis 1865: 250. Holotype ♂: de l'ile de Ceylan; BMNH, London (Schedl 1960c: 53). Synonymy: Schedl 1972f: 210. References: (ds) Gemminger & Harold 1872: 2698; Strohmeier 1912c: 18, 1914c: 28, (tx) Chapuis 1865: 250; Schedl 1937d: 33, 1941b: 417, 1960c: 53, 1972f: 210; Strohmeier 1912c: 18, 1914c: 28.
- latreillei** Chapuis 1865: 143. Syntypes ♂ ♀: du Mexique; 1 ♂ in MNB, Berlin, 3 ♂, 1 ♀ in BMNH, London, 2 ♂ in IRSNB, Brussels (Schedl 1960c: 21). Figures: Lara & Shenefelt 1965: 174. Distribution: North America (Costa Rica/ Guatemala/ Mexico/ Nicaragua), South America (Brazil). References: (hb) Lara & Shenefelt 1965: 175, (ds) Blackwelder 1947: 789; Blandford 1896c: 100; Equihua & Atkinson 1987: 24; Ferrer 1942; Gemminger & Harold 1872: 2699; Schedl 1933c: 166, 1972f: 240; Strohmeier 1912c: 9, 1914c: 23, (tx) Blandford 1896c: 100; Chapuis 1865: 143; Equihua & Atkinson 1987: 24; Lara & Shenefelt 1965: 174; Schedl 1934e: 210, 1940a: 324, 1960c: 21, 1972f: 240; Strohmeier 1912c: 9, 1914c: 23.
- lawasensis** Browne 1970: 578. Holotype ♂: Sarawak; Lawas; BMNH, London. Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo). Hosts: *Dryobalanops lanceolata*, *Koordersiodendron pinnatum*. References: (ds) Schedl 1972f: 211, (tx) Browne 1970: 578–579; Schedl 1972f: 211.
- lepidus** Chapuis 1865: 282. Syntypes ♂ ♀: des iles Celebes, des iles Moluques, des Philippines; 3 ♂ in BMNH, London, 2 ♂, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 54). Figures: Nobuchi 1967: pl. 2. Distribution: Africa (Seychelles Islands), Asia (Burma/ India/ Malaya/ Sri Lanka/ Taiwan/ Tonkin Island in Vietnam), Australia, Bismarck Islands, Indonesia (Borneo, Buru, Celebes, Engano, Mentawai, Moluccas, Sumatra), New Guinea, Philippine Islands, Sula, Sunda Islands. Hosts: *Adinobotrys atropurpureus*, *Albizzia stipulata*, *Amoora rotituka*, *Artocarpus introcha*, *Camellia sinensis*, *Castanopsis tribuloides*, *Drimycarpus racemosus*, *Elaeagnospermum tapos*, *Endospermum malaccense*, *Eugenia* spp., *Ficus glomerata*, *Hevea brasiliensis*, *Hibiscus* sp.,

Lanuca grandis, *Millettia pendula*, *Parkia speciosa*, *Pithecolobium* sp., *Pometia* sp., *Sarcocephalus cordatus*, *Shorea leprosula*, *Sterculia macrophylla*, *Tectona grandis*, *Vatica lanceaefolia*, *Xanthiophyllum glaucum*.

Notes: (3) Schedl 1941b: 424 (review).

References: (cn) Beaver 1958a: 70; Browne 1935b; Corbett 1935: 43–56; Lloyd 1928: 417–426; Mathur & Singh 1960b: 43, 1961b: 71; Yunus & Hua 1980: 217. (hb) Beaver 1958a: 70; Browne 1935a, 1941; Murayama 1931b: 197; Schedl 1977b: 245; Speyer 1923: 23. (ds) Baer 1886: 148; Beaver 1958a: 70; Beeson 1941: 344, 1961: 265; Bhasin, Roonwal, & Singh 1958: 61, 92; Browne 1935a: 1, 1938: 83–84, 1941: 66, 1966: 237, 1980c: 484, 1984c: 449; Choo & Woo 1953; Gemminger & Harold 1872: 2699; Kalshoven 1924b: 357; Leefmans 1927: 6; Lepesin 1947: 649; Mathur & Singh 1960b: 43, 1961b: 71; Mesa 1935: 96; Miwa 1931: 266; Murayama 1925a: 213–214, 1928: 31, 1929a: 673, 1931b: 197, 203, 1934f: 134, 146, 1937c: 579; Nobuchi 1967: 26, 1977: 135; Ohno, Yoneyama, & Nakazawa 1952a: 5, 1957a: 95, 1957b: 90; Ohno, Yoshioka, et al. 1959: 66; Sampson 1914: 382, 1926: 121, 1928a: 3; Schedl 1936d: 7, 1936e: 56, 1936g: 515, 1935g: 423, 1959a: 515, 1966b: 95, 1969d: 9, 12, 1970b: 355, 1972f: 210, 1977b: 245; Strolmeyer 1911f: 204, 1912e: 18, 1914c: 28; Yunus & Hua 1980: 217. (tx) Browne 1964: 755; Chapuis 1865: 282; Kalshoven 1960: 38; Murayama 1925a: 213, 1925b: 235; Nobuchi 1967: pl. 2, 1955: 329; Sampson 1914: 382, 1928a: 3; Schedl 1935j: 1, 1937d: 41, 1940b: 434, 1941a: 43, 1941b: 417, 424, 1952b: 366, 1955d: 273, 1959a: 515, 1960c: 54, 1972f: 210, 1977b: 245; Strolmeyer 1911b: 17, 27, 1912c: 18, 1914c: 28; Wylie & Yule 1977.

leprosus Browne 1980f: 215. Holotype ♂: Papua, UMLA [Upper Manki logging area], Bulolo, Morobe District; Schedl Collection in NHMW, Wien, automatic.

Distribution: New Guinea.

References: (tx) Browne 1980f: 215.

neotruncatus Schedl 1979g: 114. Holotype ♂: Papua, UMLA, Bulolo, Morobe District; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1972.

References: (tx) Schedl 1975a: 46, 1979g: 114.

lesiniformis Roberts 1989: 273. Holotype ♂: Papua New Guinea: Divide Logging Area, Bulolo, 1200 m; NHMW, Wien.

Distribution: New Guinea.

Hosts: *Celtis* sp.

References: (tx) Roberts 1989: 273.

levannongi Schedl 1974c: 265. Holotype ♂: Nord-Vietnam, L.Thsi Nuguyen; MHN, Bucharest.

Distribution: Asia (Vietnam).

References: (tx) Schedl 1974c: 265, 1975a: 41.

lewisi Blandford 1894d: 134. Syntypes 5, ♂ ♀; Miyamoshita, Kiga, and Yuyama; BMNH, London. Figures: Nakane et al. 1963: pl. 192, Nobuchi 1973b: pl. 2.

Distribution: Asia (Blutan/ Fijian in China/ Bengal in India/ Japan/ Korea/ Taiwan).

Hosts: *Abies firma*, *Aesculus turbinata*, *Betula grossa*, *B. platyphylla japonicum*, *Castanea crenata*, *Cryptomeria japonica*, *Fagus crenata*, *Kalopanax ricinifolium*, *K. septemlobus*, *Quercus acuta*, *Q. acutissima*, *Q. aliena*, *Q. gilva*, *Q. glauca*, *Q. lamellosa*, *Q. mongolica* var. *grosseserrata*, *Q. serrata*.

Notes: (3) Beeson 1941 (1961: 267) *uncacanthurus*, nomen nudum, synonymy in Schedl 1969c: 69.

References: (cn) Kleine 1932a: 402; Shiraki 1952. (cc) Banno, Mikata, & Kodama 1953: 445; Kurenzov 1934a: 58. (hb) Kleine 1932a: 402; Kurenzov 1935a: 44; Murayama 1931b: 197. (ds) Anonymous 1950g; Beeson 1941 (1961: 266); Blandford 1894c; Cho 1957; Choo 1953: 33; Choo & Woo 1955: 163; Kleine 1932a: 402; Ko 1969: 274; Kurenzov 1934a: 58, 1935a: 44, 1936a: 109, 1936b: 350; Miwa 1931: 266; Murayama 1925a: 211, 1929a: 671, 1931b: 197, 1933b: 19, 1934f: 133, 1936a: 139, 1937b: 372, 375, 1937c: 577, 1954b: 188; Nakane et al. 1963: 384; Nobuchi 1967: 26, 1973b: 13; Schedl 1972f: 219, 1975c: 384; Shiraki 1952; Stark 1936e: 142; Strolmeyer 1912c: 16, 1914c: 27. (tx) Blandford 1894d: 134; Choo 1953: 33; Murayama 1925a: 211–212, 1925b: 235, 1936a: 139, 146, 1937b: 372, 375, 1954b: 188; Nakane et al. 1963: 384, pl. 192; Nobuchi 1972f: 13, 1973b: pl. 2; Schedl 1934f: 1647, 1969c: 69, 1972f: 219; Strolmeyer 1912c: 16, 1914c: 27; Wylie & Yule 1977.

limbatus Chapuis 1865: 253. Syntypes ♂ ♀; Mexique, Topam; 1 ♂, 2 ♀ in BMNH, London. Distribution: North America (Costa Rica/ Guatemala/ Mexico), South America (Brazil).

References: (ds) Blackwelder 1947: 789; Blandford 1896c: 112; Equihua & Atkinson 1957: 24; Ferrer 1942; Gemminger & Harold 1872: 2699; Santoro 1957b: 25; Schedl 1933c: 175, 1972f: 157; Strolmeyer 1911f: 204, 1912c: 16, 1914c: 27. (tx) Blandford 1896c: 112; Chapuis 1865: 253; Equihua & Atkinson 1957: 24; Lucas 1920: 522; Schedl 1933a: 402, 1940a: 327, 1960c: 48, 1972f: 157; Strolmeyer 1912c: 16, 1914c: 27.

lineaticornis Schedl 1936c: 226. Syntypes ♂: Guyane Française: St.-Laurent du Maroni; MHN, Paris, and Schedl Collection in NHMW, Wien.

Distribution: South America (Cayenne).

Notes: (1) Schedl 1975a: 41 (citation of holotype invalid).

References: (ds) Blackwelder 1947: 789; Schedl 1972f: 240. (tx) Schedl 1936c: 226, 1972f: 240.

- lineellus** Schedl 1972h: 69. Holotype ♂: Sydney, New South Wales; Schedl Collection in NHMW, Wien.
Distribution: Australia (New South Wales).
References: (ds) Schedl 1972f: 201. (tx) Schedl 1972a: 143–149, 1972f: 201, 1972h: 69, 1975a: 41.
- lingulatus** Roberts & Morimoto 1986: 173. Holotype ♂: Borneo: Niah (Sarawak) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
Hosts: *Lophoptalum* sp. log.
References: (tx) Roberts & Morimoto 1986: 173.
- livaticus** Wood 1966a: 58. Holotype ♂: Rio Damitas, San Jose Prov., Costa Rica, 700 feet; Wood Collection.
Figures: Wood 1966a: 60.
Distribution: North America (Costa Rica).
References: (ds) Equihua & Atkinson 1987: 24; Schedl 1972f: 240. (tx) Equihua & Atkinson 1987: 24; Schedl 1972f: 240; Wood, S. L. 1966a: 58–60.
- livatus** Blandford 1896: 99c. Holotype ♂: Nicaragua, Chontales; BMNH, London.
Distribution: North America (Costa Rica/ El Salvador/ Nicaragua).
Hosts: *Hexca brasiliensis*.
References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1987: 24; Schedl 1972f: 240, 1977c: 44; Strohmeier 1912c: 9, 1914c: 23. (tx) Blandford 1896c: 99–100; Equihua & Atkinson 1987: 24; Schedl 1972f: 240; Strohmeier 1912c: 9, 1914c: 23; Wood, S. L. 1966a: 58.
- longicalcaratus** Roberts 1989: 274. Holotype ♂: Papua New Guinea: Mt. Giluwe, Western Highlands Province, 2900 m; NHMW, Wien.
Figures: Roberts 1989: 286.
Distribution: New Guinea.
Hosts: *Nothofagus pullei*.
References: (tx) Roberts 1989: 274, 286.
- longicollis** Browne 1984c: 455. Holotype ♂: Ambon (Moluccas) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Moluccas).
Hosts: *Canarium* sp., *Shorea* sp.
References: (ds) Olmo, Yoneyama, & Nakazawa 1987a: 95. (tx) Browne 1984c: 455.
- longior** Wood 1966a: 56. Holotype ♂: 16 km SE Cartago, Cartago Prov., Costa Rica; Wood Collection.
Figures: Wood 1966a: 52.
Distribution: Antilles Islands (Puerto Rico), North America (Costa Rica).
References: (ds) Equihua & Atkinson 1987: 24; Schedl 1972f: 205. (tx) Equihua & Atkinson 1987: 24; Schedl 1972f: 205; Wood, S. L. 1966a: 52, 56.
- longipennis** Montrouzier 1861: 265. Holotype ♂: Nouvelle Calédonie; not located.
Distribution: New Caledonia.
References: (ds) Beeson 1938b: 295; Gemminger & Harold 1872: 2699; Lacordaire 1866: 392; Schedl 1972h: 266, 1972f: 196; Strohmeier 1912c: 18, 1914c: 28. (tx) Blandford 1896f: 244; Chapuis 1865: 286; Lacordaire 1866: 392; Montrouzier 1861: 263; Schedl 1939b: 398, 1941c: 156, 1960c: 56, 1972f: 196; Strohmeier 1912c: 18, 1914c: 28.
- longissimus** Roberts 1979: 90. Holotype ♂: Papua New Guinea: 8 km south-west of Onim Hut, Mount Giluwe, 2450 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Cloaxylon* sp., *Calbulutina* sp.
References: (tx) Roberts 1979: 90.
- longius** Wood 1966a: 57. Holotype ♂: Volcan Pacaya, Esquintla Prov., Guatemala, 4000 feet; Wood Collection.
Figures: Wood 1966a: 52.
Distribution: North America (Guatemala/ Morelos in Mexico).
Hosts: *Quercus tomentocaulis*.
References: (hb) Atkinson et al. 1986: 12; Burgos & Sancedo 1983: 42. (ds) Atkinson & Equihua 1985a: 103; Atkinson et al. 1986: 12; Burgos & Sancedo 1983: 42; Equihua 1985: 143; Equihua & Atkinson 1987: 42; Schedl 1972f: 205. (tx) Equihua & Atkinson 1987: 24; Schedl 1972: 205; Wood, S. L. 1966a: 52, 57.
- longulus** Chapuis 1865: 158. Syntypes ♂: du Mexique, Toxpan; 2 ♂ in BMNH, London (Schedl 1960c: 24).
Distribution: North America (Costa Rica/ Guatemala/ Chiapas, Veracruz in Mexico), South America (Brazil/ Guyana/ Peru/ Venezuela).
Hosts: *Eschweileria sagotiana*, *Eugenia* sp., *Ocotea rodiaei*, *Tapirira marchandii*.
References: (ds) Blackwelder 1947: 789; Blandford 1896c: 105; Equihua & Atkinson 1987: 24; Ferrer 1942; Gemminger & Harold 1872: 2699; Schedl 1970c: 87, 1972f: 205, 1972g: 50, 1976a: 58; Strohmeier 1912c: 10, 1914c: 24; Wood, S. L. 1966a: 53. (tx) Blandford 1896c: 105; Chapuis 1865: 158; Equihua & Atkinson 1987: 24; Reichardt 1964b: 86; Schedl 1933a: 397, 1937d: 38, 1940a: 324, 1970c: 87, 1972f: 205, 1972g: 50, 1976a: 58; Strohmeier 1912c: 10, 1914c: 24; Wood, S. L. 1966a: 51.
- peregrinus** Schedl 1935h: 356. Holotype ♀: Mexico; Schedl Collection in NHMW, Wien.
Synonymy: Reichardt 1964b: 86.
References: (ds) Blackwelder 1947: 790; Ferrer 1942. (tx) Reichardt 1964b: 86; Schedl 1935h: 356–357, 1940a: 324, 1972f: 205, 1975a: 53.
- lopchuensis** Schedl 1969c: 68. Holotype ♂: India: W. Bengal, Lopchu, 1525 m, Darjeeling; FRI, Dehra Dun, not found in 1981 by SLW.
Distribution: Asia (Bengal in India).
Hosts: *Beilschmiedia sikkimensis*, *Macaranga denticulata*.

- Notes: (1) None of the types of Indian species named by Schedl were ever returned to FRI; one non-type is present; this species is not mentioned in Schedl 1978a (SIW). (3) Beeson 1941: 345, 1961: 265 (*lophocluensis*, nomen nudum, synonymy in Schedl 1969c: 68).
References: (ds) Beeson 1941: 345, 1961: 265; Bhasin, Roonwal, & Singh 1955; Schedl 1972f: 200, (tx) Schedl 1969c: 68, 1972f: 200.
- lophopetali** Brown 1955b: 295. Holotype ♂: Niah (Sarawak) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
Hosts: *Lophopetalum* sp.
References: (tx) Brown 1955b: 295.
- loriae** (Schedl) 1936e: 44 (*Crossotarsus*). Lectotype ♂: N. Guinea, S.E. Moroka, 1300 m; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 41.
Distribution: New Guinea.
Hosts: *Endiandra* sp.
Notes: (3) Schedl 1974d: 46S (described female).
References: (ds) Schedl 1972f: 200, (tx) Schedl 1936e: 44, 1942a: 207, 1942c: 196, 1972f: 200, 1974d: 46S, 1978a: 41.
- loricatus** (Sampson) 1923c: 71 (*Crossotarsus*). Holotype ♂: Burma: Carin, Ascini Ghecu, 1200–1400 m; MCG, Genova.
Distribution: Asia (Burma/ India/ Malaya/ Vietnam), Indonesia (Borneo, Java, Mentawai, Sumatra), Philippine Islands (Mindoro).
Hosts: *Ficus* sp., *Lucuma malaccensis*, *Pouteria malaccensis*.
Notes: (3) Schedl 1936e: 45 (described female).
References: (hb) Brown 1961c: 200, (ds) Beeson 1941 (1961: 265); Brown 1950b: 351; Ohno, Yoneyama, & Nakazawa 1957b: 90; Schedl 1966b: 95, 1971c: 36S, 1971f: 150, (tx) Beeson 1937: 91; Nobuchi 1955: 330; Sampson 1923c: 71–72; Schedl 1936e: 45–46, 1937e: 546, 1939e: 335, 1941c: 354, 1942a: 172, 1972f: 237, 1978a: 41.
- lucaris** Schedl 1979g: 114. Holotype ♂: Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1979g: 114.
- lucasi** Chapuis 1865: 243. Holotype ♂: de la Nouvelle Guinée (Dorey); BMNH, London (Schedl 1960c: 46).
Distribution: Asia (Malaya), Indonesia (Java), New Guinea, New Hebrides.
Notes: (3) Schedl 1935f: 275 (described female).
References: (ds) Beeson 1938b: 296; Brown 1961c: 196, 1980d: 492; Gemminger & Harold 1872: 2699; Kalkhoven 1924b: 361; Schedl 1936g: 514, 1962i: 73, 1972f: 190; Strohmeier 1912c: 16, 1914c: 27, (tx) Chapuis 1865: 243; Sampson 1923c: 3; Schedl 1935f: 275–276, 1939b: 354, 1940b: 434–435, 1960c: 46, 1972f: 190; Strohmeier 1912c: 16, 1914c: 27.
- luatellus** Brown 1953a: 569. Holotype ♂: Tg. Usan (West Irian) to Nagoya (Japan), imported.
Distribution: New Guinea.
Hosts: Matoa log.
References: (ds) Ohno et al. 1959: 66, (tx) Brown 1953a: 569.
- luatipennis** Schedl 1958b: 105. Lectotype ♂: Malaya, Kelantan; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 42.
Distribution: Asia (Malaya).
Hosts: *Sapium baccatum*.
References: (hb) Brown 1961c: 210, (ds) Brown 1961c: 210, 1981a: 126; Schedl 1972f: 201, (tx) Brown 1964: 757; Schedl 1958b: 105, 1972f: 201, 1978a: 42.
- lunifer** Schedl 1960i: 111. Syntypes ♂: Sumatra, N.-Palawan, Binaluan; MNB, Berlin, and Schedl Collection in NHMW, Wien, automatic.
Distribution: Asia (Burma/ Assam in India/ Malaya), Indonesia (Borneo, Engano, Mentawai, Sumatra), Philippine Islands (Palawan), Si-Oban Island.
Hosts: *Azela palenbanica*, *Albizia* sp., *Coccothraupis muticum*, *Shorea bentongensis*.
Notes: (1) Schedl 1978a: 2S (citation of holotype invalid). (3) Schedl 1961f: 95 (described female).
References: (ds) Brown 1966: 237, 1980b: 351, 1980c: 483; Ohno, Yoneyama, & Nakazawa 1952b: 10, 1957b: 90; Schedl 1961f: 95, 1966b: 95, 1971f: 150, 1972f: 201, (tx) Brown 1962c: 654; Schedl 1960i: 111, 1961f: 95, 1972f: 201, 1978a: 2S.
- emarginatus** Schedl 1937d: 34 (*Crossotarsus*). Syntypes ♂: Sumatra, N.-Palawan, Binaluan; MNB, Berlin, and Schedl Collection in NHMW, Wien, preoccupied by Chapuis 1865.
Notes: (1) Schedl 1978a: 2S (citation of holotype invalid).
References: (cn) Mathur & Singh 1961a: 3S, (hb) Brown 1961c: 210, (ds) Beeson 1941 (1961: 253); Brown 1961c: 210, 1983a: 555; Mathur & Singh 1961a: 3S; Schedl 1936j: 21, (tx) Schedl 1936e: 43, 1937d: 34, 1939e: 334, 1960c: 35, 1960i: 110–111, 1978a: 2S.
- luniger** Motschulsky 1863: 510. Syntypes 6 ♂♀: Montagnes de Nura-Ellia [Ceylon]; IZM, Moscow.
Distribution: Africa (Seychelles Islands), Asia (Burma/ Cambodia/ China/ Andaman Islands, Assam, Bengal in India/ Japan/ Malaya/ Sri Lanka/ Taiwan/ Thailand/ Vietnam), Australia (Queensland), Indonesia (Alabal, Borneo, Engano, Java, Mentawai, Moluccas, Sumatra), New Guinea, Philippine Islands (Luzon, Mindoro).
Hosts: *Amoora* sp., *Ehretia acuminata*, *Ficus mimalhasse*, *Meliosma simplicifolia*.
References: (hb) Speyer 1923: 23, (ds) Gemminger & Harold 1872: 2699; Schedl 1972f: 242; Strohmeier 1912c: 19, 1914c: 29, (tx) Motschul-

- sky 1863: 510; Schedl 1972f: 242; Strohmeier 1912c: 19, 1914c: 29; Wood, S. L. 1969c: 120.
- caliculus** Chapuis 1865: 280. Syntypes ♂ ♀; Siam: 1 ♂, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 53). Synonymy: Wood 1969c: 120.
Notes: (3) Schedl 1941b: 423 (review).
References: (ay) Nakashima 1975: 5. (cn) Beaver 1958a: 70; Yimus & Hua 1980: 216. (cc) Nakashima 1975: 5; Roberts 1980. (hb) Beaver 1958a: 70. (ds) Beaver 1958a: 70; Beaver & Browne 1975: 307; Blandford 1896a; Browne 1970: 576, 1980d: 491; Gemminger & Harold 1872: 2697; Nakashima 1975: 3; Nobuchi 1977: 137; Ohno, Yoneyama, & Nakazawa 1982a: 4, 1982b: 10, 1987a: 95, 1987b: 89; Schedl 1962b: 157, 1962f: 165, 1962i: 73, 1966b: 90, 1966g: 33, 1971f: 150, 1972f: 209, 1975a: 453, 1979a: 159; Strohmeier 1911f: 204, 1912c: 18, 1914c: 28; Yimus & Hua 1980: 216. (tx) Browne 1964: 755; Chapuis 1865: 280; Murayama 1925b: 234–235, 1925a: 284, 287; Nakashima 1975: 28–33; Nobuchi 1985: 329; Schedl 1937d: 42, 1941b: 417–423, 1952b: 366, 1954a: 145, 1960c: 53, 1972f: 209; Strohmeier 1912c: 18, 1914c: 28; Wood, S. L. 1969c: 120.
- sultzei** Strohmeier 1911b: 26. Syntypes ♂ ♀; Negros, Maao, Philippine Islands; Bureau of Science, Manila. Synonymy: Schedl 1972f: 209.
References: (cn) Ishikura 1966. (ds) Ishikura 1966; Strohmeier 1914c: 28. (tx) Schedl 1936c: 56, 1937d: 42, 1940b: 435, 1941b: 417, 1972f: 209, 1978a: 64; Strohmeier 1911b: 26–28, 1914c: 28.
- luridus** Chapuis 1865: 122. Holotype ♀; du Bresil; Sao Paulo; BMNH, London (Schedl 1960c: 15).
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2699; Schedl 1972f: 240; Strohmeier 1912c: 9, 1914c: 23. (tx) Chapuis 1865: 122; Lucas 1920: 521; Schedl 1960c: 15, 1972f: 240; Strohmeier 1912c: 9, 1914c: 23. (ms) Lucas 1920: 521.
- luzonicus** Schedl 1935k: 486. Syntypes ♂ ♀; Luzon, Mountain Province, Benguet, Mount Santo Tomas; W. Schultze Collection, and Schedl Collection in NHMW, Wien.
Distribution: Philippine Islands (Luzon).
Notes: (1) Schedl 1975a: 42 (citation of holotype invalid).
References: (ds) Schedl 1966b: 96, 1972f: 190. (tx) Nobuchi 1985: 329; Schedl 1935k: 486–487, 1939b: 390, 1962b: 193, 1972f: 190, 1975a: 42.
- macer** Browne in Beaver & Browne 1978: 619. Holotype ♂; Malaysia: Penang, Georgetown; BMNH, London.
Figures: Beaver & Browne 1978: 604.
Distribution: Asia (Malaya).
Hosts: Removed from a bird stomach.
References: (tx) Beaver & Browne 1978: 604, 619.
- macroporus** Chapuis 1865: 220. Holotype ♀; de la Colombie; IRSNB, Brussels.
Distribution: South America (Colombia/Suriname).
Notes: (3) Schedl 1936c: 23S (described male).
References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2699; Schedl 1972f: 219; Strohmeier 1912c: 13, 1914c: 25. (tx) Chapuis 1865: 200; Schedl 1936c: 23S, 1960c: 40, 1961i: 232, 1972f: 219, 1978a: 42; Strohmeier 1912c: 13, 1914c: 26.
- madagascariensis** Chapuis 1865: 161. Syntypes ♂ ♀; de Madagascar: 1 ♂, 1 ♀ in MNB, Berlin, 1 ♂, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 25).
Distribution: Comoro Islands, Madagascar, Reunion Island, St. Marie Island.
Hosts: *Acridocarpus* sp., *Aphananthe sakalava*, *Canarium* sp., *Cassipourea* sp., *Chrysophyllum boivianum*, *Cinchona succerubra*, *Commiphora* sp., *Dalbergia pterocarpifolia*, *Ekebergia suavis*, *Eugenia* cf. *jambolana*, *Ficus sorocoides*, *Ocotea laevis*, *Olea ambrensis*, *Pachytroche dimepate*, *P. obovata*, *Pearcea americana*, *Pinus* sp., *Plagioclypeus* sp., *Protorhiza* sp., *Ravensara pervillei*, *Symphonia* sp., *Vapaca* cf. *ferruginea*, *Vernonia* sp.
References: (cn) Panlian 1950b: 59. (cc) Schedl 1977b: 247. (hb) Panlian 1950b: 59–60. (ds) Alluaud 1900: 441; Breniere & Dubois 1965: 16, 50; Fairmaire 1892b; Gemminger & Harold 1872: 2699; Heyden 1878: 102; Sampson 1928a: 3; Schedl 1969d: 7, 10, 1970d: 234, 1972f: 233, 1977b: 247; Strohmeier 1912c: 11, 1914c: 25. (tx) Chapuis 1865: 161; Fairmaire 1892b; Lucas 1920: 522; Sampson 1928a: 3; Schaufuss 1897a: 222; Schedl 1937d: 38, 1950h: 105–106, 1951j: 20, 1953d: 70–71, 1960c: 25, 1972f: 233, 1977b: 247; Strohmeier 1912c: 11, 1914c: 25. (ms) Lucas 1920: 522.
- magnus** Browne 1980a: 378. Holotype ♂; Solomon Islands to Taganoura (Japan), imported; BMNH, London.
Distribution: Solomon Islands.
Hosts: *Gouystylus* sp.
References: (ds) Ohno et al. 1988b: 98. (tx) Browne 1980a: 378.
- malaisei** Schedl 1939c: 2. Holotype ♂; NE Burma, Kambaiti, 7000 ft.; NHR, Stockholm.
Distribution: Asia (Burma).
References: (ds) Schedl 1972f: 210. (tx) Murayama 1956b: 13; Schedl 1939c: 2–3, 1972f: 210.
- malignus** Schedl 1936c: 228. Holotype ♂; Dutch Guyana; Schedl Collection in NHMW, Wien.
Distribution: South America (Suriname).
References: (ds) Blackwelder 1947: 789. (tx) Schedl 1936c: 228, 1972f: 240.
- maniensis** Browne 1985a: 197. Holotype ♂; Tg. Mani (Sarawak) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
References: (tx) Browne 1985a: 197.

- ° *maravignae* **Guérin-Meneville** 1838: 170. Holotype ♂: Sizilianischen (miozänen) Bernstein (Smetit).
Distribution: Europe (Sicilian amber, Miocene).
References: (ds) Handlirsch 1905; Keilbach 1982: 256; Schedl 1960c: 64; Scudder 1891: 569. (tx) Chapuis 1865: 337; Guérin-Meneville 1838: 170; Koler 1928: 3; Schedl 1947a: 14, 1960c: 64. (ms) Keilbach 1982: 256.
- marcidus* **Blandford** 1896e: 110. Holotype ♂: Panama, Volcan de Chiriqui; BMNH, London.
Figures: Blandford 1896e: pl. 4, fig. 21.
Distribution: North America (Panama).
Hosts: *Quercus* sp.
References: (ds) Blackwelder 1947: 790; Equihua & Atkinson 1987: 24; Schedl 1972f: 218; Strohmeier 1912c: 14, 1914c: 26. (tx) Blandford 1896e: 110; Equihua & Atkinson 1987: 24; Schedl 1972f: 218; Strohmeier 1912c: 14, 1914c: 26.
- margaritaceus* **Roberts & Morimoto** 1986: 173. Holotype ♂; New Guinea: Papua, Kaisenik, Wan; BMNH, London.
Distribution: New Guinea.
Hosts: *Nothofagus* sp.
References: (tx) Roberts & Morimoto 1986: 173.
- marginatus* **Chapuis** 1865: 133. Syntypes ♂: Bresil: Para, Ega; 2 in BMNH, London.
Distribution: South America (Argentina/ Brazil/ Paraguay).
References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Schedl 1972f: 240, 1978c: 292; Strohmeier 1912c: 9, 1914c: 23. (tx) Chapuis 1865: 133; Schedl 1933a: 400, 1935b: 355, 1936c: 228–232, 1960c: 18, 1972f: 240; Strohmeier 1912c: 9, 1914c: 23.
- maritimus* **Schedl** 1969c: 64. Holotype ♂; Bengal: Sunderbans; FRI, Dehra Dun, not present.
Distribution: Asia (Bengal in India/ Malaya).
Hosts: *Sonneratia apetala*.
Notes: (1) None of the specimens borrowed by Schedl were ever returned to FRI; the Schedl paratypes probably include the type. (3) Beeson 1941: 345, 1961: 265 (*maritimus*, nomen nudum, synonymy in Schedl 1972f: 210).
References: (ds) Beeson 1941: 345, 1961: 265; Choo, Woo, & Kim 1981: 202; Mather & Singh 1961a: 61; Nobuchi 1969a: 206, 1972f: 210. (tx) Schedl 1969c: 64–65, 1972f: 210, 1978a: 43.
- matoae* **Browne** 1986b: 337. Holotype ♂; New Guinea: Fak fak to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: *Pomectia* sp. log.
References: (tx) Browne 1986b: 337.
- micrographus* **Schedl** 1979g: 114. Holotype ♀; Papua, Upper Manki L.A., Bulolo, Morobe District.
Distribution: New Guinea.
References: (tx) Schedl 1979g: 114.
- microlunatus* **Browne** 1983a: 571. Holotype ♂; Viti Harbour (Solomon Islands) to Nagoya (Japan), imported; BMNH, London.
Distribution: Solomon Islands.
Hosts: "Basswood" log.
References: (ds) Ohno et al. 1985b: 95. (tx) Browne 1983a: 571.
- micrurus* **Schedl** 1951i: 96. Syntypes 1 ♂, 1 ♀; Java. Preanger, G. Tangkoeban Prahoë, 4000–5000 Fuss; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Java), New Britain Island.
Hosts: *Dracontomelinum mangiferum*.
Notes: (1) Schedl 1978a: 43 (citation of holotype invalid).
References: (ds) Schedl 1972f: 198. (tx) Nunberg 1961: 624; Schedl 1951i: 96, 1962n: 697, 1972f: 198, 1978a: 43.
- longecandatus* **Nunberg** 1961b: 623. Holotype ♂; New Britain, Rabaul; BMNH, London. Synonymy: Schedl 1972f: 198.
References: (tx) Nunberg 1961b: 623; Schedl 1972f: 198.
- minaciior* **Schedl** 1971c: 392. Holotype ♂; Sarawak, Kuching; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
Hosts: *Vatica* sp.
References: (ds) Schedl 1972f: 213. (tx) Schedl 1971c: 392, 1972f: 213.
- minor* **Browne** 1980b: 355. Holotype ♂; Vanimo (New Guinea) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
References: (ds) Ohno, Yoneyama, & Nakazawa 1987a: 95; Ohno, Yoshioka, et al. 1985b: 98, 1989: 66. (tx) Browne 1980b: 355.
- minusculus* **Schedl** 1936i: 102. Holotype ♂; Costa Rica; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica), South America (Brazil/ Colombia/ Guyana/ Venezuela).
References: (ds) Blackwelder 1947: 790; Equihua & Atkinson 1987: 25; Schedl 1972f: 233, 1976a: 58. (tx) Equihua & Atkinson 1987: 25; Schedl 1936i: 101–102, 1972f: 233, 1975a: 44.
- minutissimus* **Schedl** 1971e: 13. Holotype ♀; Congo Belge, Yangambi; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
Hosts: *Macaranga* cf. *spinosa*.
References: (ds) Schedl 1972f: 215. (tx) Schedl 1971e: 13–14, 1972f: 215, 1978b: 44.
- mirandus* **Schedl** 1969b: 227. Holotype ♂; New Guinea: Karamui, Chimbu District; CSIRO, Canberra.
Distribution: New Guinea
References: (ds) Schedl 1972f: 191. (tx) Schedl 1969b: 227, 1972f: 191, 1978a: 44.

- misoolensis** Brown 1984c: 453. Holotype ♂: Tg. Hoakep (Misool Island, West Irian) to Nagoya (Japan), imported; BMNH, London. Distribution: New Guinea. Hosts: *Maniltoa* sp. References: (tx) Brown 1984c: 453.
- mixtus** Schedl 1976a: 90. Holotype ♀: Ter. Anapa, Rio Anicoli [Brazil]; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (tx) Schedl 1976a: 90.
- mjobergi** Schedl 1965g: 30. Holotype ♂: O. Borneo, Mt. Tibang, 1300 and 1400 m; NHR, Stockholm. Distribution: Indonesia (Borneo). References: (ds) Schedl 1965g: 24, 1972f: 193, (tx) Schedl 1965g: 24, 30, 1972f: 193, 1978a: 44.
- modestus** Blandford 1894d: 133. Syntypes 4, ♂ ♀: Nikko and Shimidzu Toge [Japan]; BMNH, London. Figures: Nobuchi 1967: pl. 2, 1973b: pl. 2. Distribution: Asia (Japan/Taiwan). Hosts: *Acer palmatum*, *Aesculus turbinata*, *Cercidiphyllum japonicum*, *Fagus crenata*, *Juglans sieboldiana*, *Quercus mongolica* var. *grosseserrata*. References: (cn) Kleine 1932a: 402, (hb) Kleine 1932a: 402; Murayama 1931b: 195, (ds) Blandford 1894c: 579; Kleine 1932a: 402; Murayama 1929a: 671, 1931b: 195, 1934f: 134, 1936a: 139, 1937c: 578, 1954b: 188; Nobuchi 1967: 26, 1973b: 14; Strohmeier 1912c: 15, 1914c: 27, (tx) Blandford 1894d: 133; Murayama 1925b: 235, 1928a: 283, 1936a: 139, 1954b: 188; Niisima 1910a: 15; Nobuchi 1967: pl. 2, 1973b: 14, pl. 2; Schedl 1934f: 1647, 1972f: 189; Strohmeier 1912c: 16, 1914c: 27.
- modigliani** (Schedl) 1936c: 46 (*Crossotarsus*). Lectotype ♂: Sumatra, Si-Rambe; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 44. Figures: Schedl 1972f: 236. Distribution: Indonesia (Sumatra). References: (ds) Schedl 1971f: 150, 1972f: 237, (tx) Beeson 1937: 91; Schedl 1936e: 46–47, 1942c: 198, 1972f: 236–237, 1978a: 44.
- morigerus** Schedl 1970a: 131. Holotype ♂: New Guinea, Awande, Eastern Highlands District; CSIRO, Canberra. Distribution: New Guinea. References: (ds) Schedl 1972f: 190, (tx) Schedl 1970a: 131–132, 1972f: 190, 1978b: 45.
- morebeensis** Browne 1984f: 65. Holotype ♂: New Guinea, Morobe District, Mount Kaiudi, 2350 m; BMNH, London. Distribution: New Guinea. References: (tx) Browne 1984f: 65.
- morosus** Schedl 1975f: 388. Holotype ♂: Kinn, 11 miles from Mt. Hagen, W.H.D., New Guinea; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (tx) Schedl 1975f: 388.
- multisanti** Chapuis 1865: 154. Holotype ♂: Guadeloupe; BMNH, London (Schedl 1960c: 23). Distribution: Antilles Islands (Guadeloupe). References: (cn) Cleare 1924: 65–68, (ds) Blackwelder 1947: 790; Flentiaux & Salle 1890: 458; Gemminger & Harold 1872: 2699; Schedl 1966f: 78, 1970c: 91, 1972f: 205; Strohmeier 1912c: 10, 1914c: 24, (tx) Chapuis 1865: 154; Schedl 1941e: 156, 1960c: 23, 1972f: 205, 1978a: 45; Strohmeier 1912c: 10, 1914c: 24; Wood, S. L. 1966a: 55.
- multiporus** Schedl 1971c: 392. Holotype ♀: Malaya, Pahang; Schedl Collection in NHMW, Wien. Distribution: Asia (Malaya). References: (ds) Schedl 1972f: 194, (tx) Schedl 1971c: 392–393, 1972f: 194, 1978a: 45.
- muricatus** Roberts 1989: 274. Holotype ♂: Papua New Guinea, Upper Stony Logging Area, Bulolo; NHMW, Wien. Figures: Roberts 1989: 288. Distribution: New Guinea. Hosts: *Syzygium* sp. References: (tx) Roberts 1989: 274.
- mutatus** Chapuis 1865: 136. Holotype ♀: du Bresil; BMNH, London (Schedl 1960c: 19). Distribution: South America (Argentina/ Bolivia/ Brazil/ Cayenne/ Paraguay/ Peru/ Uruguay/ Venezuela). Hosts: *Eucalyptus rostrata*, *Quercus robur*. References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Reichardt 1964b: 86; Schedl 1966f: 93, 1972f: 240, 1972g: 59, 1973d: 163, 1976a: 58; Strohmeier 1910g: 85–88, 1912c: 9, 1914c: 23, (tx) Chapuis 1865: 136; Reichardt 1964b: 86; Schedl 1934e: 211, 1960c: 19, 1972f: 240; Strohmeier 1912c: 9, 1914c: 23.
- sulcatus** Chapuis 1865: 137. Syntypes ♂ ♀; du Bresil; 1 ♂ in MNB, Berlin, 3 ♂ in BMNH, London, and 2 ♂, 1 ♀ in IRSNB, Brussels. Synonymy: Strohmeier 1910g: 85–88, Schedl 1960c: 19. References: (bv) Santoro 1962c, 1963a, (cn) Bosq 1934: 335; Costa Lima 1956; Ebeling 1950, 1959; Hayward 1941: 91, 1942: 27, 1944: 4; Marelli 1929: 245; Santoro 1957a: 7, 13, 1960a: 965, 1962b: 17–23, 1965b, 1966a, 1967: 70–74; Toscani & De Santis 1960, (ce) Guerrero 1966: 97–103; Santoro 1963a, 1963b, (hb) Costa Lima 1956; Ebeling 1950; Santoro 1957a: 7, 1962b, 1963a, 1965a: 49–58, (ds) Blackwelder 1947: 791; Bosq 1927; Costa Lima 1956; Dejean 1837; Ebeling 1950, 1959; Gemminger & Harold 1872: 2700; Nunberg 1958a: 481, 1972b: 190; Ruffinelli & Carbonell 1944: 27; Ruffinelli Rey 1967; Santoro 1957b: 25, 1960a, 1962a; Schedl 1933c: 166, 1960a: 77, 1966f: 81, 94, 1970c: 87, 1972g: 51,

- 1976a: 58, 1978c: 292, 1979e: 58; Strohmeier 1912c: 9, 1914c: 24. **(tx)** Brethes 1909; Chapman 1965: 137; Costa Lima 1956; Marzelli 1931: 6; Numberg 1958a: 481; Santoro 1965a; Schedl 1935c: 176–177, 1936c: 228, 230, 1936e: 51, 1937d: 37, 1939b: 379, 399, 1939j: 565, 1939m: 170, 1941c: 154, 1948d: 37, 1950i: 148, 1951h: 285, 287, 1952a: 444, 1952c: 123, 1958f: 36, 1960c: 19, 1972f: 240; Strohmeier 1910g: 85–88, 1912c: 9, 1914c: 24.
- plicatus* Brethes 1909: 225. Syntypes ♂ ♀; Buenos Aires, Argentina; Brethes Collection. Synonymy: Bosq 1934: 335.
References: **(cn)** Marelli 1929: 245, 1931: 6; Santoro 1957a: 8. **(hb)** Santoro 1957a: 8. **(ds)** Bruch 1914a; Strohmeier 1912c: 9, 1914c: 23. **(tx)** Bosq 1934: 355; Brethes 1909: 225; Schedl 1939m: 170, 1972f: 240; Strohmeier 1912c: 9, 1914c: 23.
- nagakii** Browne 1983a: 567. Holotype ♂; Tanjong Mani (Sarawak) to Toyohashi (Japan), imported; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
Hosts: "Kapur" log.
References: **(tx)** Browne 1983a: 567.
- navarrodeandradei** Marelli 1931: 10. Syntypes♀; Brazil; not located.
Distribution: South America (Brazil).
Hosts: *Casuarina* sp., *Eucalyptus* sp.
References: **(cn)** Costa Lima 1956. **(hb)** Costa Lima 1956. **(ds)** Blackwelder 1947: 790; Costa Lima 1936, 1956; Schedl 1972f: 240. **(tx)** Costa Lima 1956; Marelli 1931: 10; Schedl 1972f: 240.
- nebulosus** Roberts 1970: 73. Holotype ♂; Nigeria; Ngel Nyaki Forest Reserve, Mambilla, 1650 m; MRCB, Tervuren.
Distribution: Africa (Nigeria).
Hosts: *Aningeria altissima*.
References: **(ds)** Browne 1972c: 101. **(tx)** Roberts 1970: 73; Schedl 1978b: 46.
- negatus** Schedl 1973e: 96. Holotype ♂; Gogol, Madang District [New Guinea]; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Buchanania* sp., *Ficus* sp., *Myristica* sp., *Spondias* sp.
References: **(tx)** Schedl 1973e: 96, 1978a: 46.
- neglectus** Schedl 1963d: 231. Holotype ♂; Brasilien: Parana, Rondon; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: **(ds)** Schedl 1970f: 87, 1972f: 240. **(tx)** Schedl 1963d: 231, 1972f: 240, 1978a: 46.
- nemorosus** Roberts 1986: 45. Holotype ♂; New Guinea: Papua, Popondetta; BMNH, London.
Distribution: New Guinea.
Hosts: *Myristica* sp.
References: **(tx)** Roberts 1986: 45.
- neopartibilis** Roberts 1989: 276. Holotype ♂; Papua New Guinea: Gumi, Watut Logging Area, Bulolo; NHMW, Wien.
Figures: Roberts 1989: 288.
Distribution: New Guinea.
Hosts: *Calbulimima* sp.
References: **(tx)** Roberts 1989: 276, 288.
- neoplicatus** Schedl 1964c: 300. Holotype ♂; Sumatra, Mt. Telemar; RN11, Leiden.
Figures: Schedl 1964c: 301.
Distribution: Indonesia (Sumatra).
References: **(ds)** Schedl 1972f: 191. **(tx)** Schedl 1964c: 300–301, 1972f: 191.
- neosolidus** Schedl 1971e: 14. Holotype ♂; Congo, Camp Putnam, an der Strasse Stanleyville, Irumu; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
Hosts: *Berlinia* sp.
References: **(ds)** Schedl 1972f: 198. **(tx)** Schedl 1971e: 14–15, 1972f: 198, 1978a: 46.
- neotruncatus** Schedl 1972g: 79. Holotype ♂; Brasil, Xingu, Matto Grosso; MZSP, Sao Paulo.
Distribution: South America (Brazil).
References: **(tx)** Schedl 1972g: 79, 1972f: 212.
- niijimai** Murayama 1931b: 197. Syntypes ♂; Nanto [Taiwan]; Murayama Collection in USNM, Washington.
Figures: Nobuchi 1978a: 80.
Distribution: Asia (Taiwan).
Hosts: *Psidium guajava*.
References: **(hb)** Murayama 1931b: 197. **(ds)** Murayama 1931b: 197, 1934f: 134, 1937c: 578; Nobuchi 1967: 26, 1977: 123; Schedl 1972f: 190. **(tx)** Murayama 1931b: 197; Nobuchi 1978a: 80, 1978b: 75; Schedl 1972f: 190.
- nitens** Browne 1980a: 379. Holotype ♂; Ulamona (New Britain) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Britain Island.
References: **(ds)** Olmo, Yoneyama, & Nakazawa 1987a: 95; Olmo et al. 1989: 66. **(tx)** Browne 1980a: 379.
- nitidicollis** Schedl 1935h: 358. Syntypes ♀; Brazil; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: **(ds)** Blackwelder 1947: 790; Schedl 1972f: 240. **(tx)** Schedl 1935h: 358, 1972f: 240, 1978a: 47.
- nitidipennis** Schedl 1948d: 41. Holotype ♂; Guayana Francesa, Riviere Lumier; Schedl Collection in NHMW, Wien.
Distribution: South America (Cayenne).
References: **(ds)** Schedl 1972f: 233. **(tx)** Schedl 1948d: 41, 1972f: 233, 1978a: 47.
- nivalis** Sampson 1923c: 73. Holotype ♂; Burma: Tenasserim, Thagata; MCG, Genova.
Distribution: Asia (Burma/ India/ Malaya).
Hosts: *Xanthophyllum* sp.

- References: (cn) Mathur & Singh 1961b: 94. (hb) Browne 1936a, 1941. (ds) Beeson 1941 (1961: 266); Browne 1936a, 1961c: 196; Mathur & Singh 1961b: 94; Schedl 1936d: 7, 1972f: 183. (tx) Sampson 1923c: 73; Schedl 1972f: 153.
- nocuus** Schedl 1935k: 457. Syntypes ♂ ♀; Luzon, Mountain Province, Mount Santo Tomas; W. Schultze Collection, and Schedl Collection in NHMW, Wien.
Distribution: Philippine Islands (Luzon).
Hosts: *Ficus* sp.
Notes: (1) Schedl 1978: 47 (citation of holotype invalid).
References: (ds) Schedl 1966b: 96, 1972f: 186. (tx) Nobuchi 1985: 329; Schedl 1935k: 457–458, 1942a: 214, 1972f: 186, 1978a: 47.
- noonadanæ** Browne 1966: 237. Holotype ♂; Philippines: Palawan, Pinigisan, Mantalingajan Range, 600 m; UZMC, Copenhagen.
Distribution: Philippine Islands (Palawan).
References: (ds) Schedl 1972f: 210. (tx) Browne 1966: 237; Nobuchi 1985: 329; Schedl 1972f: 210.
- norfolkensis** Schedl 1972b: 271. Holotype ♂; Norfolk Island, Middlegate, 120 m, and Bumbora; CSIRO, Canberra.
Distribution: Pacific Ocean Islands (Norfolk Island).
Hosts: *Lagunaria patersonia*.
References: (tx) Schedl 1972b: 271, 1978a: 48.
- nothofagus** Roberts 1979: 91. Holotype ♂; Papua New Guinea: 5 km south-west of Onim Hut, Mount Giluwe, 2540 m; BMNH, London.
Figures: Roberts 1979: 93 (male, head of female).
Distribution: New Guinea.
Hosts: *Nothofagus pullei*.
References: (tx) Roberts 1979: 91.
- noeraeguineensis** Roberts 1989: 277. Holotype ♂; Papua New Guinea: Gumi, Watut Logging Area, Bulolo, 2200 m; NHMW, Wien.
Figures: Roberts 1989: 285.
Distribution: New Guinea.
Hosts: *Lithocarpus* sp.
References: Roberts 1989: 277, 288.
- nudatus** Wood 1972b: 243. Holotype ♂; 5 km S Colonia (near Buenaventura), Valle de Cauca, Colombia; Wood Collection.
Distribution: South America (Colombia).
Hosts: *Couma macrocarpa*, *Lecythis* sp., *Sacoglophia proccera*.
References: (tx) Wood, S. L. 1972b: 243.
- nudiusculus** Roberts 1986: 46. Holotype ♂; New Guinea: Papua, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Xanthophyllum papuanum*.
References: (tx) Roberts 1986: 46.
- nudus** Schedl 1936c: 242. Lectotype ♂; Guyane Française: Canopi, St. Laurent du Maroni, St. Jean du Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 48.
Distribution: South America (Guyenne).
References: (ds) Blackwelder 1947: 790; Schedl 1972f: 214. (tx) Schedl 1936c: 242, 1972f: 214, 1978a: 48.
- obliquecaudatus** Schedl 1936e: 59. Lectotype ♂; New Guinea, Moroka, 1300 m; Schedl Collection in NHMW, Wien.
Distribution: Asia (Malaya), New Guinea.
References: (ds) Browne 1961c: 210; Schedl 1972f: 211. (tx) Numberg 1959: 168; Schedl 1936e: 59–60, 1942a: 210, 1960h: 110, 1972f: 211, 1978b: 48.
- obliquecaudatus** Schedl 1942a: 210. Syntypes ♀; BMNH, London, and Schedl Collection in NHMW, Wien, preoccupied by Schedl 1936.
Notes: (1) Schedl obviously intended to describe the female of this established name, but in so doing inadvertently validated a homonymous synonymy.
References: (tx) Numberg 1959: 168; Schedl 1936e: 59, 1942a: 210.
- obliquesectus** Schedl 1973f: 77. Holotype ♂; Pengagl, camp east Mt. Wilhelm, Chimbu District, 2770 m; AMNH, New York.
Distribution: New Guinea.
References: (tx) Schedl 1973f: 77, 1978a: 48.
- obliquetruncatus** Schedl 1972h: 69. Holotype ♂; Nauwata Banda logging area, Rd 14, Bulolo, M. Dist.; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Anthocephalus cadamba*, *Pterygota* sp.
References: (ds) Schedl 1972f: 198. (tx) Schedl 1972f: 198, 1972h: 69, 1978a: 48.
- obliquus** Wood 1981: 121. Holotype ♂; New Guinea, Mt. Wilhelm; Schedl Collection in NHMW, Wien, automatic.
Distribution: New Guinea.
References: (tx) Wood, S. L. 1981: 121.
- obliquesectus** Schedl 1975g: 229. Holotype ♂; New Guinea, Mt. Wilhelm; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1973.
References: (tx) Schedl 1975g: 229; Wood, S. L. 1981: 121.
- obliteratus** Blandford 1896e: 99. Holotype ♂; Costa Rica, Irazu; BMNH, London.
Distribution: North America (Costa Rica).
References: (ds) Blackwelder 1947: 790; Equihua & Atkinson 1987: 25; Schedl 1972f: 240; Strohmeier 1912c: 9, 1914c: 23. (tx) Blandford 1896e: 99; Brethes 1909; Equihua & Atkinson 1987: 25; Schedl 1940c: 204–205, 1972f: 240; Strohmeier 1912c: 9, 1914c: 23.
- obscurus** Schedl 1971c: 393. Holotype ♂; Java, Preanger; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Java), Philippine Islands.
References: (ds) Nobuchi 1977: 127; Ohno, Yoneyama, & Nakazawa 1982b: 10; Schedl 1972f: 198. (tx) Schedl 1971c: 393–394, 1972f: 198, 1978a: 48.

- obsitus** Schedl 1976a: 90. Holotype ♂; Manaus, Amazonas; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (tx) Schedl 1976a: 90.
- obtectus** (Schedl) 1935n: 641 (*Crossotarsus*). Syn-types ♂; British North Borneo: Mt. Kinabalu, Kamborangah, 7000 feet; BMNH, London, and Schedl Collection in NHMW, Wien. Distribution: Indonesia (Borneo). Notes: (1) Schedl 1978a: 149 (citation of holotype invalid). References: (ds) Schedl 1972f: 200, (tx) Schedl 1935k: 479, 1935n: 641–642, 1936j: 33, 1937c: 544–546, 1972f: 200, 1978a: 49.
- obtusipennis** Schedl 1939c: 2. Holotype ♂; N.E. Burma, Kambaiti, 7000 ft.; NHR, Stockholm. Distribution: Asia (Burma/ Tamil Nadu in India/ Taiwan). Hosts: *Dipterocarpus indicus*. References: (ds) Schedl 1972f: 167, 201, 1975a: 455, (tx) Schedl 1939c: 2, 1962p: 210, 1972f: 201.
- obtusus** Chapuis 1865: 251. Holotype ♂; du Bresil, Bahia; IRSNB, Brussels (Schedl 1960c: 47). Distribution: North America (Costa Rica), South America (Brazil/ Cayenne). References: (ds) Atkinson & Equihua 1986a: 423; Blackwelder 1947: 790; Equihua 1985: 143; Equihua & Atkinson 1987: 25; Gemminger & Harold 1872: 2699; Numberg 1963c: 107; Schedl 1970f: 582, 1972f: 187, 1972g: 49; Strohmeier 1912c: 16, 1914c: 27, (tx) Chapuis 1865: 251; Equihua & Atkinson 1987: 25; Murayama 1925: 215–216; Reichardt 1962: 339; Schedl 1933a: 402, 1936c: 248, 1939b: 399, 1939p: 289, 1960c: 47, 1972f: 187; Strohmeier 1912c: 16, 1914c: 27.
- occipitalis** Chapuis 1865: 273. Syntypes ♂ ♀; du Guatemala, Costa Rica; MNB, Berlin (Schedl 1960c: 52). Distribution: North America (Costa Rica/ Guatemala/ Panama). References: (ds) Blackwelder 1947: 790; Blandford 1896c; Equihua & Atkinson 1987: 25; Gemminger & Harold 1872: 2699; Schedl 1966f: 93, 1972f: 184; Strohmeier 1912c: 17, 1914c: 28, (tx) Blandford 1896c; Chapuis 1865: 273; Equihua & Atkinson 1987: 25; Lucas 1920: 522; Schedl 1933c: 175, 1937d: 33, 42, 1939b: 399, 1941e: 156, 1960c: 52, 1972f: 184; Strohmeier 1912c: 17, 1914c: 28; Wood, S. L. 1966a: 54, (ms) Lucas 1920: 522.
- interstitialis** Schedl 1963d: 230. Holotype ♂; Costa Rica: San Jose, 1000–1200 m; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1972f: 184. References: (tx) Schedl 1963d: 230, 1972f: 184, 1978a: 38.
- occipitis** Wood 1966a: 54. Holotype ♂; Ikuribisi, British Guiana; BMNH, London. Distribution: South America (Guyana/ Venezuela). Hosts: *Pouteria guianensis*. References: (tx) Schedl 1972f: 195; Wood, S. L. 1966a: 54.
- octodentatus** Browne 1955b: 294. Holotype ♂; Keelung (Formosa) to Nagoya (Japan), imported. Distribution: Asia (Taiwan). References: (tx) Browne 1955b: 294.
- octospinosus** Browne 1955a: 193. Kudat (Sabah) to Nagoya (Japan), imported. Figures: Numberg 1960a: 296. Distribution: Indonesia (Borneo). Hosts: *Shorea* sp. References: (tx) Browne 1955a: 193; Numberg 1960a: 296.
- ohnoi** Browne 1951a: 136. Holotype ♂; Singapore to Nagoya (Japan), imported; BMNH, London. Distribution: Asia (Malaya). References: (tx) Browne 1951a: 136.
- olivieri** Chapuis 1865: 132. Holotype ♂; du Bresil, Para, Ega; BMNH, London (Schedl 1960c: 15). Distribution: South America (Brazil). References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Schedl 1972f: 240; Strohmeier 1912c: 9, 1914c: 23, (tx) Chapuis 1865: 132; Schedl 1936c: 230, 1960c: 18, 1972f: 240; Strohmeier 1912c: 9, 1914c: 23.
- omega** Schedl 1970b: 365. Holotype ♂; Malaya, Singapore to Nagoya (Japan), imported; PPST, Tokyo. Figures: Nobuchi 1978a: 80. Distribution: Asia (Malaya). Hosts: *Sepeir*. References: (ds) Nobuchi 1977: 134; Schedl 1972f: 210, (tx) Nobuchi 1978a: 80–81; Schedl 1970b: 365–366, 1972f: 210, 1978a: 49.
- omissus** Schedl 1965e: 267. Holotype ♂; Afafingetu, E. Highlands Dist. [New Guinea]; CSIRO, Canberra. Distribution: New Guinea. Hosts: *Araucaria cunninghamii*. References: (bv) Gray, B. 1974b, (hb) Gray, B. 1974b, (ds) Schedl 1972f: 191, (tx) Schedl 1965e: 267, 1972f: 191, 1978a: 50.
- omnivorus** (Lea) 1904: 104 (*Crossotarsus*). Syn-types ♂ ♀; Tasmania; SAM, Adelaide. Distribution: Australia, Tasmania, New Guinea. Hosts: *Acacia* spp., *Araucaria cunninghamii*, *Eucalyptus* spp., *Flindersia brayleyana*, *F. pubescens*, *Geisios benthamii*. Notes: (1) Schedl 1972f: 206 (to *Platypus*). References: (cn) Browne 1965b: 571; Froggatt 1921: 645–648, 1926b, 1927; Kleine 1932a: 310, 402; Miller 1950: 318; Veitch 1933: 122–127, (cc) Froggatt 1923, (hb) Browne 1965b: 571; Froggatt 1923, 1926b, 1927; Kleine 1932a: 310, 402; Lengerken 1954: 326, (ds) Browne 1965b: 571; Kleine 1932a: 310, 402; Sampson 1925: 2, 1925a: 3; Schedl 1936g: 514, 1962a: 74, 1972f: 206, 1979a: 160, 1980b: 185; Strohmeier 1912c: 19, 1914c: 29, (tx) Beeson 1937: 101; Carne et al.

- 1950; Lea 1904: 104, 1910: 135; Sampson 1925: 2, 1925a: 3, 1925b: 391; Schedl 1939b: 395, 1941c: 153–154, 1942c: 164, 1972f: 206; Strohmeier 1912c: 19, 1914c: 29.
- oneratus** **Schedl** 1970b: 366. Holotype ♂; Philippine Isl., Dinajawan to Nagoya (Japan), imported; PPST, Tokyo.
Figures: Nobuchi 1975a: 50.
Distribution: Philippine Islands.
Hosts: Lanan log.
References: (ds) Nobuchi 1977: 125; Ohno, Yoneyama, & Nakazawa 1957b: 90; Schedl 1972f: 195; (tx) Nobuchi 1975a: 50, 1975b: 50, 1985: 329; Schedl 1970b: 366, 1972f: 195, 1975a: 50.
- opacicauda** **Browne** 1983a: 565. Holotype ♂; Tg. Usan (West Irian) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: Watergum log.
References: (tx) Browne 1983a: 565.
- opacicaudulus** **Browne** 1983a: 566. Holotype ♂; Tg. Usan (West Irian) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: Watergum log.
References: (tx) Browne 1983a: 566.
- opacideclivis** **Schedl** 1969b: 227. Holotype ♂; New Guinea: Tari Savmill, S. D. H.; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Araucaria cunninghamii*, *Macaranga* sp.
References: (ds) Schedl 1972f: 154. (tx) Schedl 1969b: 227–228, 1972f: 154, 1975a: 50.
- opacifrons** **Schedl** 1936g: 515. Syntypes ♂ ♀; New Guinea and Bougainville; 1 ♀ in SAM, Adelaide, and 1 ♂, 1 ♀ in Schedl Collection in NHMW, Wien.
Distribution: Bougainville Island, New Guinea, Solomon Islands.
Notes: (1) Schedl 1975a: 50 (citation of holotype invalid, male syntype lost).
References: (ds) Schedl 1936g: 515–516, 1972f: 190. (tx) Schedl 1936g: 515, 1942c: 165, 1972f: 190, 1975a: 50.
- opacipennis** **Schedl** 1975g: 230. Holotype ♂; New Guinea, War; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975g: 230, 1975a: 50.
- opacurus** **Browne** 1980b: 357. Holotype ♂; Jayapura (New Guinea) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
References: (tx) Browne 1980b: 357.
- opimus** **Schedl** 1975f: 390. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
Hosts: *Castanopsis acuminatissima*.
References: (tx) Schedl 1975f: 390.
- orientalis** (**Strohmeier**) 1912f: 53 (*Stenoplatypus*).
Syntypes ♂ ♀; Ost-Afrika; Strohmeier Collection.
Distribution: Africa (Cameroon/ Congo/ Ethiopia/ Ghana/ Ivory Coast/ Kenya/ Nigeria/ Sierra Leone/ Tanzania/ Togo/ Uganda/ Zaïre).
Hosts: Schedl 1962k: 661–667 (many hosts listed).
Notes: (3) Schedl 1972f (etc.) treated this species as *refertus*, although two other names had priority.
References: (hb) Jones, Roberts, & Baker 1959: 13; Strohmeier 1911a: 152; Thompson, G. H. 1963: 59; Webb 1957: 36–41. (ds) Mayne & Donis 1960: 95, 1962: 286; Strohmeier 1911a: 152, 1912c: 6, 1914c: 36; Thompson, G. H. 1963: 59. (tx) Schedl 1954e: 58, 1957d: 115–120, 1962h: 63, 1962k: 663, 1972f: 216; Strohmeier 1911a: 152, 1912c: 6, 1912f: 53, 1914c: 36.
- angustatus** **Strohmeier** 1912f: 53 (*Crossotarsus*).
Syntypes ♂; Kamerun ud Deutsch Ostafrika am Mkuhulsmi-Berg; MNB, Berlin, Hamburg Museum, lost, and Strohmeier Collection, preoccupied by Chapuis 1865.
References: (cn) Mayne & Donis 1951. (cc) Mayne & Donis 1951. (hb) Gardner 1957: 29; Jones, Roberts, & Baker 1959: 13–54; Webb & Jones 1957: 25–26, 35, 41. (ds) Mayne & Donis 1960: 95, 1962: 280; Strohmeier 1912c: 6. (tx) Schedl 1950d: 4, 11, 14, 1952j: 5, 1953g: 244, 1954e: 48, 1955f: 260, 1957d: 118–122; Strohmeier 1912c: 6, 1912f: 53–55.
- castaneus** **Strohmeier** 1912f: 84 (*Crossotarsus*).
Syntypes ♂ ♀; West-Usumbara (Karasek); Strohmeier Collection. Synonymy: Schedl 1972f: 216.
References: (ds) Strohmeier 1912c: 6, 1914c: 36. (tx) Schedl 1936e: 47–48, 1957d: 115–121, 1972f: 216; Strohmeier 1912c: 6, 1912f: 84–85, 1914c: 36.
- refertus** **Schedl** 1941d: 415. Holotype ♀; Togo; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1957d: 122.
References: (cn) Browne 1965b: 571. (cc) Schedl 1962k: 659. (hb) Browne 1965b: 571; Schedl 1962k: 659. (ds) Browne 1965b: 571; Mayne & Donis 1960: 100, 1962: 286; Roberts 1965: 189; Schedl 1962h: 63, 1962k: 659, 1972e: 284, 1972f: 215. (tx) Numberg 1964: 237; Powell, W. 1957: 28; Schedl 1941d: 415, 1954e: 48, 1957d: 118–122, 1962h: 63, 1962k: 659, 1972f: 215, 1972p: 159, 1975a: 62.
- tetricus** **Schedl** 1941d: 415. Holotype ♀; Congo; Schedl Collection in NHMW, Wien.
Notes: (1) Schedl 1972f: 216 (treated as a subspecies of *refertus*).
References: (ds) Roberts 1968: 180, 1969: 119; Schedl 1962k: 670. (tx) Schedl 1941d: 415, 1957d: 119, 121, 1962k: 666, 1972f: 216, 1975a: 62.
- pygmaeus** **Schedl** 1952i: 25. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.

Notes: (1) Schedl 1972f: 216 (treated as a subspecies of *refertus*).

References: (cn) Thompson, G. H. 1960. (hb) Jones, Roberts, & Baker 1959: 13; Schedl 1962k: 670; Webb & Jones 1957: 37, 41. (ds) Browne 1975b: 396; Mayne & Donis 1960: 100, 1962: 286; Roberts 1968: 189, 1969: 118; Schedl 1962h: 63, 1962k: 670, 1972f: 216; Thompson, G. H. 1960, 1963: 59. (tx) Schedl 1952i: 25–26, 1954e: 58–73, 1957d: 119, 1962h: 63, 1962k: 670, 1972f: 216, 1978a: 60.

refertus montanus Schedl 1957d: 119. Syntypes ♂; Congo Belge: Hembé-Bitale; Schedl Collection in NHMW, Wien.

Notes: This appears to be an aberration with no taxonomic status.

References: (ds) Roberts 1968: 188; Schedl 1962k: 665, 1972f: 216. (tx) Roberts 1969: 118; Schedl 1957d: 119–120, 1962k: 665, 1972f: 216, 1978a: 62.

minutus Roberts 1966: 631. Holotype ♂; Nigeria: Cross River N.F.R.; BMNH, London. Synonymy: Schedl 1972f: 216.

References: (ds) Roberts 1966: 631, 1968: 188, 1969: 118; Schedl 1972f: 216.

refertus vogelii Roberts 1970a: 78. Holotype ♂; Vogel Peak, Nigeria, 1380 m; MRCB, Tervuren. References: (tx) Roberts 1970a: 78.

leonensis Roberts 1970b: 479. Holotype ♂; Sierra Leone: Loma Mountains, 1200 m; BMNH, London. Synonymy: Schedl 1972f: 216.

References: (ds) Browne 1972c: 101. (tx) Roberts 1970b: 479–483; Schedl 1972f: 216, 1972p: 159–160.

refertus lomaensis Roberts 1970b: 483. Holotype ♂; Loma Mountains, 1650 m, Sierra Leone; BMNH, London. Synonymy: Schedl 1972f: 216.

References: (tx) Roberts 1970b: 483; Schedl 1972f: 216.

ornaticeps (Schedl) 1935b: 401 (*Stenoplatypus*). Syntypes ♂ ♀; Mount Maquiling, Laguna, Luzon, Philippine Islands; F. C. Hadden Collection, and Schedl Collection in NHMW, Wien.

Distribution: Philippine Islands.

Notes: (1) Schedl 1978a: 50 (citation of holotype invalid).

References: (ds) Schedl 1966b: 96, 1972f: 217. (tx) Nobuchi 1985: 329; Schedl 1935b: 401–402, 1939c: 4, 1941a: 44, 1964g: 252, 1972f: 217, 1978a: 50.

ornatifrons Schedl 1942: 198. Syntypes ♂; New Guinea; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (ds) Schedl 1972f: 203. (tx) Schedl 1942a: 210, 1942c: 198, 1968e: 270, 1972f: 203, 1978a: 50.

ornatus Schedl 1936c: 241. Lectotype ♂; Guyane Française, St.-Jean du Maroni, St. Laurant de Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 50.

Distribution: South America (Cayenne).

References: (ds) Blackwelder 1947: 790; Schedl 1972f: 218. (tx) Schedl 1936c: 241, 1972f: 218, 1978a: 50.

othiodes Schedl 1974d: 469. Holotype ♂; Inakanda logging area, Bulolo, Morobe District; CSIRO, Canberra.

Distribution: New Guinea.

Notes: (3) Schedl 1975f: 391 (described female). References: (tx) Schedl 1974d: 469, 1975f: 391, 1978a: 50.

otiosus Schedl 1936i: 100. Holotype ♀; Mexico; Schedl Collection in NHMW, Wien.

Distribution: North America (Guatemala/ Durango in Mexico).

Hosts: *Alnus* sp., *Quercus* sp.

References: (hb) Burgos & Sancedo 1983: 44. (ds) Atkinson & Equilma 1985a: 103, 1988: 104; Atkinson et al. 1986: 12–13; Blackwelder 1947: 790; Burgos & Sancedo 1983: 44; Equilma 1985: 143; Equilma & Atkinson 1987: 25; Ferrer 1942; Schedl 1972f: 205; Wood, S. L. 1966a: 53. (tx) Equilma & Atkinson 1987: 25; Schedl 1936i: 100–101, 1940a: 327, 1972f: 205, 1978a: 51; Wood, S. L. 1966a: 53.

ovalicollis Schedl 1936e: 56. Syntypes ♂; Sumatra, Si-Rambe; MCG, Genova, and Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Sumatra).

Notes: (1) Schedl 1978a: 51 (citation of holotype invalid).

References: (ds) Schedl 1972f: 196. (tx) Schedl 1936e: 56–57, 1941c: 355, 1972f: 196, 1978a: 51.

oratus Strohmeier 1914f: 1. Holotype ♂; Birma; Stettin Museum, presumably lost.

Distribution: Asia (Burma/ Malaya), Indonesia (Sarawak in Borneo).

Hosts: *Dipterocarpus* sp., *Eugenia* sp., *Mangifera*, *Swintonia floribunda*, *S. specifera*.

References: (cn) Mathur & Singh 1961a: 81. (hb) Browne 1941, 1961c: 213. (ds) Beaver & Browne 1978: 620; Beeson 1941 (1961: 266); Browne 1961a: 315, 1961c: 213, 1980d: 491; Mathur & Singh 1961a: 81; Schedl 1972f: 191. (tx) Browne 1961a: 315, 1962e: 653; Schedl 1972f: 191; Strohmeier 1914f: 1–4.

oxyurus Dufour 1843: 92. Syntypes²; Des Pyrenees; not located.

Figures: Pfeffer 1989a: pl. 12.

Distribution: Asia (India/ Iran/ Turkey), Europe (Corsica/ France/ Greece/ Italy/ Spain).

Hosts: *Abies cephalonica*, *A. numidica*, *A. pectinata*.

References: (ay) Menier 1976: 348. (bv) Menier 1976: 348. (cn) Joly 1953: 3–6; Kailidis &

- Georgevits 1972. (**cc**) Kleine 1908c: 222. (**hb**) Eggers 1906; Eichhoff 1881a: 55, 306; Espanol 1964b; Husson 1955: 249; Knotek 1899b: 18, 1901: 576; Pfeffer 1899a: 92; Postner 1974: 486. (**ds**) Acloque 1896; Aube 1950; Barthe 1896; Chapuis 1865; Eggers 1906; Espanol 1985: 115; Gemminger & Harold 1872: 2699; Gogola 1985; Gozis 1815: 80; Herve 1956a; Heyden, Reitter, & Weise 1883: 182, 1891: 674, 1906: 713; Kailidis & Georgevits 1972; Knotek 1899b: 18, 1901: 576; Lacordaire 1866: 391; Lapeyronie 1945: 274; Ortzen 1886: 280; Perris 1876a: 157; Pfeffer 1989a: 92; Postner 1974: 486; Reitter 1894a: 94; Sainte-Claire 1905: 157, 1909: 146, 1914: 475; Sainte-Claire & Mequignon 1938: 449; Schamm 1859: 96, 1862: 101; Schedl 1967c: 73; Siebold 1849: 310; Stein & Weise 1877: 165; Strauch 1861: 122; Strohmeier 1912c: 17, 1914c: 27; Trell 1907: 20. (**tx**) Acloque 1896; Balachowsky 1949a: 279; Ceballos 1945; Chapuis 1865: 263; Dufour 1843: 263; Eggers 1908c, 1914; Eichhoff 1864b: 43, 1881a: 55, 306, 1883a: 117, 145; Espanol 1964b; Fairmaire 1864: fig. 167; Jacquelin du Val & Fairmaire 1868: 107; Lacordaire 1866: 391; Lucas 1920: 522; Pfeffer 1989a: pl. 12; Portevin 1935: 339; Postner 1974: 486; Reitter 1894a: 94, 1913a: 113; Schedl 1934f: 1647, 1935n: 633, 1960c: 50, 1972f: 198; Strohmeier 1912c: 17, 1914c: 27.
- pahangensis** Schedl 1936j: 34. Lectotype ♂; Malay Peninsula, Pahang; Cameron Highlands, 4800 feet; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 51.
Distribution: Asia (Malaya).
References: (**hb**) Browne 1941, 1961c: 198. (**ds**) Browne 1978b: 51; Nobuchi 1977: 119; Schedl 1936j: 34, 1972f: 193. (**tx**) Schedl 1936j: 34-35, 1972f: 193, 1978a: 51.
- pallidipennis** Blandford 1896e: 111. Holotype ♀; Panama, Bugaba; BMNH, London.
Figures: Blandford 1896e: pl. 4, fig. 22.
Distribution: North America (Panama).
References: (**ds**) Blackwelder 1947: 790; Equihua & Atkinson 1987: 25; Schedl 1972f: 219; Strohmeier 1912c: 14, 1914c: 26. (**tx**) Blandford 1896e: 111; Equihua & Atkinson 1987: 25; Schedl 1972f: 218; Strohmeier 1912c: 14, 1914c: 26.
- pallidus** Chapuis 1865: 284. Syntypes ♀; de la Nouvelle Guinée, Dorey; 2 ♀ in BMNH, London, 1 ♀ in IRSNB, Brussels.
Distribution: Australia, New Guinea, Solomon Islands.
Hosts: *Pterocymbium beccarii*.
Notes: (3) Schedl 1937d: 41 (described male), 1979g: 115 (named an aberration as var. *unimodus*, no status).
References: (**bv**) Gray, B. 1974b. (**cn**) Wylie & Shanahan 1975. (**cc**) Roberts 1980. (**hb**) Gray, B. 1974b; Wylie & Shanahan 1975. (**ds**) Browne 1980c: 483, 1980d: 492; Froggatt 1936; Gemminger & Harold 1872: 2699; Nobuchi 1977: 136; Ohno, Yoneyama, & Nakazawa 1982a: 5, 1982b: 10, 1987a: 95; Ohno et al. 1989: 66; Schedl 1936g: 515, 1962i: 73, 1966b: 96, 1972f: 210, 1979a: 160; Strohmeier 1912c: 18, 1914c: 28. (**tx**) Chapuis 1865: 284; Nobuchi 1985: 329; Schedl 1936e: 56, 1936j: 33-34, 1937d: 41, 1940b: 434, 1941b: 424, 1941e: 155, 1960c: 55, 1972f: 210, 1979g: 115; Strohmeier 1912c: 18, 1914c: 28; Wylie & Yule 1977.
- pallidus sabroni** Schedl 1940b: 433. Holotype ♂; Papua: Kokoda, 1200 ft; Schedl Collection in NHMW, Wien.
References: (**ds**) Schedl 1972f: 210. (**tx**) Schedl 1940b: 433, 1941b: 423, 1946c: 96, 1972f: 210, 1978a: 51.
- panduriformis** Roberts 1989: 278. Holotype ♂; Papua New Guinea: Gumi, Watut Logging Area, 2200 m; NHMW, Wien.
Figures: Roberts 1989: 286.
Distribution: New Guinea.
Hosts: *Nothofagus* sp.
References: (**tx**) Roberts 1989: 278, 286.
- papuanus** Roberts 1979: 92. Holotype ♂; Papua New Guinea: 12 km south-west of Onim Hut, Mount Giluwe, 2450 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Dysoxylum* sp.
References: (**tx**) Roberts 1979: 92.
- papulosus** Roberts 1989: 279. Holotype ♂; Papua New Guinea: Gumi, Watut Logging Area, Bulolo, 2200 m; NHMW, Wien.
Figures: Roberts 1989: 286.
Distribution: New Guinea.
Hosts: *Myristica* sp.
References: (**tx**) Roberts 1989: 279, 286.
- paradoxus** Schedl 1979g: 115. Holotype ♀; Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1979g: 115.
- paralleiventrus** Roberts 1989: 280. Holotype ♂; Papua New Guinea: Divide Logging Area, Bulolo, 1200 m; NHMW, Wien.
Distribution: New Guinea.
Hosts: *Terminalia complanata*.
References: (**tx**) Roberts 1989: 280.
- parallelus** (Fabricius) 1801: 284 (*Bostrichus*). Holotype ♀; America meridionali, type labeled Essequeibo [Suriname].
Figures: Atkinson 1989c, Bright 1972d: 19, Equihua & Atkinson 1987: 17, Lara & Schenefelt 1965: 172.
Distribution: Africa (introduced in: Angola/ Cameroon/ Chad/ Congo/ Equatorial Guinea/ Fernando Po Island/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Kenya/ Nigeria/ Principe Island/ Sao Tome

Island/ Senegal/ Sierra Leone/ South Africa/ Tanzania/ Togo/ Uganda/ Zaïre). Antilles Islands (Cuba/ Dominican Republic in Hispaniola/ Jamaica/ Puerto Rico). Australia (Queensland, introduced), Madagascar (introduced), North America (Belize/ Costa Rica/ El Salvador/ Guatemala/ Honduras/ all states in Mexico/ Nicaragua/ Panama/ S California, S Florida, S Texas in USA), South America (Argentina/ Bolivia/ Brazil/ Cayenne/ Chile/ Colombia/ Ecuador/ Galapagos Islands/ Guyana/ Paraguay/ Peru/ Suriname/ Uruguay/ Venezuela).

Hosts: Schedl 1962k: 624–628, 1979a: 157–164 (many listed).

Notes: (1) Prior to Wood 1973a: 51–52 this name was incorrectly applied to *bellus*. (3) Dejean 1837: 333 (*praecustus*, nomen nudum, *testaceus*, nomen nudum, synonymy in Schedl 1972f: 232). (3) This is the most destructive and the most widely distributed species of Platypodidae in the world (SIW).

References: (cn) Beaver 1988a: 70; Idrobe 1955: 75. (cc) Equihua & Atkinson 1986: 624. (hb) Atkinson 1989c; Beaver 1988a: 70; Burgos & Saucedo 1983: 44; Deyrup & Atkinson 1987a: 64; Equihua & Atkinson 1986: 624. (ds) Allen, A. A. 1976, 1985; Alvarenga 1962: 24; Atkinson 1989c; Atkinson & Equihua 1986a: 423, 1985: 104; Atkinson et al. 1986: 47; Beaver 1988a: 70; Blackwelder 1947: 790; Browne 1975a: 757, 1980d: 491; Burgos & Saucedo 1983: 44; Chapuis 1865: 29, 37, 164; Deyrup & Atkinson 1987a: 64; Drooz 1985: 377; Equihua 1985: 143; Equihua & Atkinson 1986: 624, 1987: 25; Estrada & Atkinson 1988: 212; Gemminger & Harold 1872: 2699; Lacordaire 1866: 391; Leng 1920: 337; Melsheimer 1853: 57; Olmo, Yoneyama, & Nakazawa 1982b: 10; Santoro 1957: 25; Schedl 1933: 193, 1960a: 77, 1965g: 21, 1966f: 81, 1970e: 87, 1972f: 233, 1972g: 50, 1977e: 44, 1978c: 292, 1979a: 160, 1979b: 416, 1979e: 58; Steinhausen 1956: 49; Strohmeier 1912c: 11, 1914c: 25; Swaine 1909: 84; Wood, S. L. 1979a: 2. (tx) Atkinson 1989c; Carne et al. 1980; Chapuis 1865: 29, 37, 164; Equihua & Atkinson 1987: 17, 24; Erichson 1836: 65; Fabricius 1801: 354; Lacordaire 1866: 391; LeConte 1876: 344; Schedl 1933c: 171, 1933e: 193, 1934e: 212, 1936e: 51, 1937d: 39, 1939j: 565, 1939m: 170, 1941e: 155, 1945d: 35, 1952a: 446, 1952h: 73, 1958f: 35, 1960c: 26, 1962k: 624–628, 1972f: 233; Steinhausen 1956: 49; Strohmeier 1912c: 11, 1914c: 25; Swaine 1909: 84; Waterhouse 1890: 554; Wood, S. L. 1973a: 51–52, 1979a: 2; Wylie & Yule 1977.

livaris Stephens 1830: 419. Holotype ♂: Sydenham [England]; BMNH, London. Synonymy: Wood 1979a: 2.

References: (ay) Menier 1976: 345. (bv) Menier 1976: 345. (cn) Halperin & Menier 1981. (cc) Schedl 1962k: 620. (hb) Cachan

1957: 15; Kalshoven 1963; Lara & Shenefelt 1965: 175; Schedl 1962k: 620. (ds) Anonymous 1965k; Blackwelder 1947: 789; Bright 1972d: 20; Browne 1965a: 205, 1972c: 101; Chapuis 1865: 335; Cola 1971, 1973; Collart 1934: 249; Dejean 1837: 333; Ferreira 1965: 1130; Gemminger & Harold 1872: 2699; Ghesquiere 1966: 41; Halperin & Menier 1981; Kalshoven 1963: 237; Mayne & Donis 1951: 336; Menier 1973a; Mumford 1960: 37, 1961: 31, 43, 1962: 35, 45, 1963: 41, 50, 1964: 30, 1966: 38, 53; Numborg 1971: 59, 1972b: 190; Roberts 1961: 39–43, 1968: 188, 1969: 117–118; Schedl 1941d: 381, 1941e: 155, 1950e: 206, 1950d: 3, 10, 14, 1952j: 5, 1953g: 243, 1954e: 48, 57, 71, 1955d: 270, 1957b: 152, 1957c: 326, 1961e: 157, 1962l: 53, 1962k: 620, 1962m: 64, 1962n: 698, 1963c: 160, 1963f: 64, 1964f: 619, 1964j: 42, 1965e: 357, 1965g: 21, 1966a: 276, 1966c: 230, 1966f: 77, 79, 1966g: 37, 1967e: 220, 1970e: 86, 1970f: 582, 1971e: 2, 1971f: 150, 1971g: 196, 1972e: 284, 1972f: 232, 1972g: 35, 1973a: 365, 1973d: 163, 1974e: 52, 1975h: 351, 1976a: 55, 1976d: 5; Schönherr & Pedrosa-Macedo 1981: 57; Stephens 1830: 419; Strohmeier 1912c: 19, 1914c: 29; Wolcott 1948: 385; Wood, S. L. 1957e: 1272. (tx) Bright 1972d: 19, 20; Chapuis 1865: 335; Lara & Shenefelt 1965: 175; Sampson 1924: 129; Schedl 1933e: 193, 1936e: 51, 1937b: 407, 1937d: 39, 1941e: 155, 1960e: 64, 1962k: 620, 1972f: 232; Stephens 1830: 419; Strohmeier 1912c: 11, 19, 1914c: 24, 29; Vrydagh 1947: 8; Wood, S. L. 1979a: 2.

poeyi Guerin-Meneville 1835: 183. Syntypes ♂ ♀: de Cuba, de Haiti; 4 ♂, 2 ♀ in BMNH, London, 1 ♂, 1 ♀ IRSNB, Brussels. Synonymy: Schedl 1960c: 64, Wood 1979a: 2.

Notes: (3) Chapuis 1865: 208 (redescribed). References: (cn) Tsankov et al. 1974: 25. (ds) Blackwelder 1947: 790; Chapuis 1865; Fleutiaux & Salle 1890: 455; Gemminger & Harold 1872: 2699; Lacordaire 1866: 391; Schedl 1933c: 171, 1966f: 80, 1970e: 89; Strohmeier 1912c: 12, 1914c: 25; Wolcott 1936: 316, 1945: 354. (tx) Chapuis 1865: 208; Chevrolat 1835; Guerin-Meneville 1835: 183; Lacordaire 1866: 391; Sagra 1856: 95; Schedl 1933c: 171, 1960c: 37, 1972f: 232; Strohmeier 1912c: 12, 1914c: 25; Wood, S. L. 1979a: 2.

subcostatus Jacquelin-Duval 1857: 235. Synonyms? Cuba: not located. Synonymy: Wood 1979a: 2.

Notes: (3) Chapuis 1865: 210 (redescribed). References: (ds) Blackwelder 1947: 790; Chapuis 1865: 210; Fleutiaux & Salle 1890: 458; Gemminger & Harold 1872: 2700; Lacordaire 1866: 391; Schedl 1933c: 172; Strohmeier 1912c: 13, 1914c: 25; Wolcott 1936: 317, 1948: 385. (tx) Chapuis 1865: 210; Jacquelin-Duval

- 1857: 238; Lacordaire 1866: 391; Sagra 1856: 99; Schedl 1933c: 172, 1937d: 39, 1941e: 155, 1952a: 444, 1960c: 38, 1972f: 233; Strohmeier 1912c: 13, 1914c: 25; Wood, S. L. 1979a: 2.
- dejeani* Chapuis 1865: 186. Syntypes ♂ ♀: du Bresil, de la Guyanne; 1 ♀ in MNHN, Paris, 1 ♂, 3 ♀ in BMNH, London, and 2 ♂, 3 ♀ in IRSNB, Brussels (Schedl 1960c: 31). Synonymy: Schedl 1972f: 232. References: (cn) Costa Lima 1956; Mayne & Donis 1951: 336, (ce) Mayne & Donis 1951: 336, (hb) Costa Lima 1956, (ds) Blackwelder 1947: 789; Blandford 1896e: 107; Costa Lima 1956; Ferrer 1942; Gemminger & Harold 1872: 2698; Hayward 1943: 27; Numberg 1958a: 482, 1963c: 106; Ruffinelli & Carboneli 1944: 27; Sampson 1928a: 3; Schedl 1933c: 171, 1933f: 192, 1960a: 75-77; Strohmeier 1911f: 204, 1912c: 11, 1914c: 24, (tx) Blandford 1896e: 790; Chapuis 1865: 186; Costa Lima 1956; Numberg 1958a: 482; Ruffinelli Rev 1967; Sampson 1924c: 129, 1928a: 3; Schedl 1933f: 192-193, 1936c: 51, 1937d: 39, 1939m: 170, 1940a: 324, 1948d: 38, 1950i: 148, 1951m: 72, 74, 1952a: 444, 1952h: 73, 1960c: 31, 1972f: 232; Strohmeier 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 1.
- marsuli* Chapuis 1865: 188. Syntypes ♂ ♀: Bresil, Ste. Catherine; 1 ♀ in BMNH, London, 1 ♂ in IRSNB, Brussels (Schedl 1960c: 32). Synonymy: Wood 1979a: 2. References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Strohmeier 1912c: 11, 1914c: 25, (tx) Chapuis 1865: 188; Numberg 1939: 240-241, 1940: 68; Schedl 1941e: 156, 1960c: 32, 1972f: 232; Strohmeier 1912c: 11, 1914c: 25; Wood, S. L. 1979a: 1.
- proximus* Chapuis 1865: 188. Syntypes ♂: du Bresil; 2 ♂ in IRSNB, Brussels (Schedl 1960c: 32). Synonymy: Wood 1979a: 2. References: (ds) Blackwelder 1947; Gemminger & Harold 1872: 2700; Strohmeier 1912c: 12, 1914c: 25, (tx) Chapuis 1865: 188; Schedl 1941e: 156, 1960c: 32, 1972f: 232; Strohmeier 1912c: 12, 1914c: 25; Wood, S. L. 1979a: 2.
- compressus* Chapuis 1865: 191. Syntypes ♂ ♀: Caracas; 2 ♂, 3 ♀ in BMNH, London (Schedl 1960c: 32). Synonymy: Wood 1979a: 2. References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Strohmeier 1912c: 11, 1914c: 24, (tx) Chapuis 1865: 191; Schedl 1936c: 238, 1937d: 39, 1941e: 156, 1952h: 73, 1960c: 32, 1972f: 232; Strohmeier 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 1-2.
- regularis* Chapuis 1865: 192. Holotype ♂: du Bresil; IRSNB, Brussels (Schedl 1960c: 33). Synonymy: Wood 1979a: 2. References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Strohmeier 1912c: 12, 1914c: 25, (tx) Schedl 1936c: 51, 1960c: 33, 1972f: 233; Strohmeier 1912c: 12, 1914c: 25; Wood, S. L. 1979a: 2.
- rugulosus* Chapuis 1865: 192. Syntypes ♂ ♀: Mexique, Toxpan, Teapa; 2 ♂ in BMNH, London, 2 ♂, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 33). Synonymy: Wood 1979a: 2. References: (hb) Chamberlin 1939: 110, (ds) Blackwelder 1947: 790; Blandford 1895b: 92, 95, 1896e: 107; Chamberlin 1939: 110; Gemminger & Harold 1872: 2700; Henshaw 1885: 147; Horn 1894: 359; Leng 1920: 337; Schedl 1933c: 172; Strohmeier 1912c: 12, 1914c: 25; Swaine 1909: 86; Wolcott 1936: 316, (tx) Blandford 1895b: 92, 95, 1896e: 107-108; Chamberlin 1939: 110; Chapuis 1865: 192; Hopkins 1905b: 71; Lara & Shenefelt 1965: 172, 176; LeConte 1876: 344; Schedl 1933c: 171-172, 1936i: 102, 1937d: 39, 1939j: 565, 1940a: 324, 1940c: 203, 1941e: 156, 1948d: 38, 1951h: 287, 1952a: 446, 1952c: 123, 1955b: 274, 1957a: 195, 1958c: 2, 1958f: 35-36, 1972f: 233; Strohmeier 1912c: 12, 1914c: 25; Swaine 1909: 86; Wood, S. L. 1973a: 51, 1979a: 2.
- reticulatus* Chapuis 1865: 194. Syntypes ♂ ♀: du Mexique; Mexico, Teapa; 1 ♂, 1 ♀ in BMNH, London, 1 ♂, 2 ♀ in IRSNB, Brussels (Schedl 1960c: 33). Synonymy: Wood 1979a: 2. References: (ds) Gemminger & Harold 1872: 2700; Leng 1920: 337; Swaine 1909: 86, (tx) Blandford 1896e: 107; Chapuis 1865: 194; Schedl 1960c: 33, 1972f: 233; Swaine 1909: 86; Wood, S. L. 1979a: 2.
- rotundatus* Chapuis 1865: 195. Syntypes ♂ ♀: du Mexique, Izabal; 3 ♂, 2 ♀ in BMNH, London, 2 ♀ in IRSNB, Brussels (Schedl 1960c: 34). Synonymy: Wood 1979a: 2. References: (ds) Blackwelder 1947: 790; Blandford 1896e: 108; Gemminger & Harold 1872: 2700; Strohmeier 1912c: 12, 1914c: 25, (tx) Blandford 1896e: 108; Chapuis 1865: 195; Schedl 1960c: 34, 1972f: 233; Strohmeier 1912c: 12, 1914c: 25; Wood, S. L. 1979a: 2.
- kraatzi* Chapuis 1865: 196. Syntypes ♂: de la Colombie et du Bresil; 2 ♂ in IRSNB, Brussels (Schedl 1960c: 34). Synonymy: Wood 1979a: 2. References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Strohmeier 1912c: 11, 1914c: 24, (tx) Chapuis 1865: 196; Schedl 1960c: 34, 1972f: 232; Strohmeier 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 2.
- lebasii* Chapuis 1865: 197. Holotype ♀: de Carthagene [Colombia]; IRSNB, Brussels (Schedl 1960c: 34). Synonymy: Wood 1979a: 2. References: (ds) Blackwelder 1947: 789; Gemminger & Harold 1872: 2699; Strohmeier 1912c: 11, 1914c: 24, (tx) Chapuis 1865: 197; Schedl 1960c: 34, 1972f: 232; Strohmeier 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 2.
- emarginatus* Chapuis 1865: 199. Holotype ♂:

- de Toxpan; BMNH, London (Schedl 1960c: 35). Synonymy: Wood 1979a: 2.
References: **(ds)** Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Leng 1920: 337; Strohmeier 1912c: 11, 1914c: 24. **(tx)** Blandford 1896c: 107; Chapuis 1865: 199; Schedl 1960c: 35 1972f: 232; Strohmeier 1912c: 11, 1914c: 24; Swaine 1909: 86; Wood, S. L. 1979a: 1–2.
- punctulatus* Chapuis 1865: 199. Syntypes ♂; du Texas; 1 ♂ in BMNH, London, 4 ♂ in IRSNB, Brussels (Schedl 1960c: 35). Synonymy: Wood 1979a: 2.
References: **(cn)** Felt 1913: 275. **(ds)** Anonymous 1926c: 514; Blackwelder 1947: 790; Ferrer 1942; Gemminger & Harold 1872: 2700; Henshaw 1885: 147; Leng 1920: 337; Leonard 1928: 514; Strohmeier 1912c: 12, 1914c: 25; Swaine 1909: 85; Tucker 1952: 347; Wolcott 1948: 385. **(tx)** Chapuis 1865: 199; LeConte 1865: 151, 1876: 345; Schedl 1937d: 39, 1939j: 565, 1940a: 324–325, 1940c: 203, 1941e: 156, 1952e: 123, 1952h: 73, 1955d: 273, 1960c: 35, 1972f: 232; Strohmeier 1912c: 12, 1914c: 25; Swaine 1909: 85; Wood, S. L. 1979a: 2.
- subaequalis* Chapuis 1865: 200. Holotype ♂; de la Colombie; IRSNB, Brussels (Schedl 1960c: 35). Synonymy: Wood 1979a: 2.
References: **(ds)** Blackwelder 1947; Gemminger & Harold 1872: 2700; Strohmeier 1912c: 13, 1914c: 25. **(tx)** Chapuis 1865: 200; Schedl 1941e: 156, 1960c: 35, 1972f: 233; Strohmeier 1912c: 13, 1914c: 25; Wood, S. L. 1979a: 2.
- wesmaeli* Chapuis 1865: 201. Syntypes ♂ ♀; de Buenos-Ayres; 1 ♂, 1 ♀ in IRSNB, Brussel (Schedl 1960c: 35). Synonymy: Wood 1979a: 2.
References: **(cn)** Costa Lima 1956; Silva, Gavao, & Castro 1959: 12. **(hb)** Bosq 1934: 335; Costa Lima 1956. **(ds)** Blackwelder 1947: 791; Bruch 1914a; Costa Lima 1956; Gemminger & Harold 1872: 2700; Sampson 1928a: 3; Schedl 1933c: 172; Strohmeier 1911f: 204, 1912c: 13, 1914c: 25. **(tx)** Brethes 1909, 1919; Chapuis 1865: 201; Costa Lima 1956; Numberg 1939: 241, 1940: 69; Sampson 1928a: 3; Schedl 1937d: 39, 1938i: 28, 1941e: 156, 1945d: 37, 1951h: 285–286, 1952a: 445, 1952h: 73, 1958f: 36, 1960c: 35, 1972f: 233; Strohmeier 1912c: 13, 1914c: 25; Wood, S. L. 1979a: 2.
- oblongus* Chapuis 1865: 203. Holotype ♀; de Cumana [Venezuela]; IRSNB, Brussels (Schedl 1960c: 35). Synonymy: Wood 1979a: 2.
References: **(ds)** Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Strohmeier 1912c: 11, 1914c: 25. **(tx)** Chapuis 1865: 203; Schedl 1960c: 35, 1972f: 232; Strohmeier 1912c: 11, 1914c: 25; Wood, S. L. 1979a: 2.
- difficilis* Chapuis 1865: 204. Bresil, a la Guyane; 2 ♂, 1 ♀ in MNB, Berlin, 2 ♂, 1 ♀ in BMNH, London, 4 ♂, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 36). Synonymy: Wood 1979a: 2.
References: **(ds)** Blackwelder 1947: 789; Ferrer 1942; Gemminger & Harold 1872: 2698; Sampson 1928a: 3; Schedl 1933c: 171; Strohmeier 1912c: 11, 1914c: 24; Vital 1951: 177–179. **(tx)** Chapuis 1865: 204; Sampson 1928a: 3; Schedl 1936c: 238, 1937d: 39, 1940a: 325–326, 1952d: 343, 1952h: 73, 1960c: 36, 1972f: 232; Strohmeier 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 2.
- praevius* Chapuis 1865: 205. Syntypes ♂ ♀; de la Colombie; 1 ♀ in BMNH, London, 1 ♂, 2 ♀ in IRSNB, Brussels (Schedl 1960c: 36). Synonymy: Wood 1979a: 2.
References: **(ds)** Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Strohmeier 1911f: 204, 1912c: 12, 1914c: 25. **(tx)** Chapuis 1865: 205; Schedl 1960c: 36, 1972f: 232; Strohmeier 1912c: 12, 1914c: 25; Wood, S. L. 1979a: 2.
- macklini* Chapuis 1865: 207. Syntypes ♂ ♀; de la Colombie et du Bresil; 1 ♀ MNHN, Paris, 4 ♂, 2 ♀ in BMNH, London, 3 ♂, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 36–37). Synonymy: Wood 1979a: 2.
References: **(ds)** Blackwelder 1947: 789; Gemminger & Harold 1872: 2699; Schedl 1933c: 171; Strohmeier 1912c: 11, 1914c: 25. **(tx)** Chapuis 1865: 207; Schedl 1960c: 36–37, 1972f: 232; Strohmeier 1912c: 11, 1914c: 25; Wood, S. L. 1979a: 1.
- erichsoni* Chapuis 1865: 211. Syntypes ♂ ♀; de l'ile St. Thomas; 1 ♂, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 38). Synonymy: Wood 1979a: 2.
References: **(cn)** Lapeyronie 1948: 275; Mayne & Donis 1951: 326, 336; Vrydagh 1947a: 5. **(ce)** Mayne & Donis 1951: 326, 336. **(ds)** Blackwelder 1947: 789; Collard 1934; Gemminger & Harold 1872: 2698; Hoffmann 1957; Mayne & Donis 1962: 281; Schedl 1933f: 192; Strohmeier 1912c: 11, 1914c: 24; Thompson, G. H. 1963: 58; Vrydagh 1947a: 5; Wood, S. L. 1957c: 1272. **(tx)** Chapuis 1865: 211; Sampson 1924c: 127; Schedl 1933f: 192–193, 1936e: 51, 1937b: 407, 1937d: 39, 1941d: 351, 1941e: 155, 1950c: 206, 1950d: 3, 10, 14, 1952j: 5, 1953g: 243, 1954e: 48, 57, 1955d: 270, 1957b: 152, 1960c: 12, 38, 1972f: 232; Strohmeier 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 2.
- laevicollis* Chapuis 1865: 212. Syntypes ♂ ♀; de la Guadeloupe; 1 ♂, 1 ♀ in BMNH, London, 1 ♂ in IRSNB, Brussels (Schedl 1960c: 38). Synonymy: Schedl 1972f: 232, Wood 1979a: 2.
References: **(ds)** Blackwelder 1947: 789; Flentiaux & Salle 1890: 458; Gemminger & Harold 1872: 2699; Strohmeier 1912c: 11, 1914c: 24. **(tx)** Chapuis 1865: 212; Schedl 1941e: 156, 1960c: 39, 1972f: 232; Strohmeier 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 2.

- congoanus* Duvivier 1891: 363. Syntypes ♂ ♀: Ibebo, Congo; not located. Synonymy: Wood 1979a: 2.
References: (ds) Schedl 1933f: 192; Strolmeyer 1912c: 11, 1914c: 24. (tx) Duvivier 1891: 363; Sampson 1924: 129; Schedl 1933f: 192–193, 1960c: 39, 1972f: 232; Strolmeyer 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 2.
- triquetrus* Brethes 1909: 226. Syntypes ♂ ♀: Chaco [Argentina]; Brethes Collection. Synonymy: Wood 1979a: 2.
References: (cn) Bosq 1934: 335; Hayward 1942: 27. (ds) Bruch 1914a; Strolmeyer 1912c: 13, 1914c: 25. (tx) Brethes 1909: 226; Schedl 1939m: 170, 1972f: 233; Strolmeyer 1912c: 13, 1914c: 25; Wood, S. L. 1979a: 2.
- mattai* Brethes 1921: 26. Holotype ♂: Manaus [Brazil]; Brethes Collection. Synonymy: Wood 1979a: 2.
References: (cn) Costa Lima 1956. (hb) Costa Lima 1956; Matta 1922: 158, 1929: 495–498. (ds) Blackwelder 1947: 790; Costa Lima 1936, 1956. (tx) Brethes 1921: 26; Costa Lima 1956; Schedl 1972f: 232; Wood, S. L. 1979a: 2.
- paramonori* Schedl 1972g: 80. Holotype ♂: Guiana; Schedl Collection in NHMW, Wien. Distribution: South America (Suriname?).
References: (tx) Schedl 1972g: 80, 1978a: 51.
- parapetax* Roberts & Morimoto 1986: 174. Holotype ♂: New Guinea; Papua, Gumi, Bulolo; BMNH, London. Distribution: New Guinea.
Hosts: *Dysoxylum* sp.
References: (tx) Roberts & Morimoto 1986: 174.
- partibilis* Roberts & Morimoto 1986: 174. Holotype ♂: New Guinea; Papua, Gumi, Bulolo; BMNH, London. Distribution: New Guinea.
Hosts: *Syzigium* sp.
References: (tx) Roberts & Morimoto 1986: 174.
- particeps* Schedl 1976a: 91. Holotype ♂: Villhena, Rondonia, Lon. 55 36, Lat. 12 46; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil).
References: (tx) Schedl 1976a: 91.
- partitus* Schedl 1935n: 639. Syntypes ♂: Malay States; Selangor, Ayer Itam; BMNH, London, and Schedl Collection in NHMW, Wien. Distribution: Asia (Malaya), Indonesia (Borneo).
Hosts: *Endospermum malaccense*, Pernarahan, and Sendoksendok logs.
Notes: (1) Schedl 1978a: 51 (type restricted to BMNH, London specimens).
References: (hb) Browne 1941. (ds) Browne 1961c: 198, 1984c: 448; Nobuchi 1977: 118; Schedl 1972f: 193. (tx) Schedl 1935n: 639, 1936c: 52, 1972f: 193, 1978a: 51.
- parvus* Browne 1986b: 340. Holotype ♂: Solomon Islands; Vini Harbor to Nagoya (Japan), imported; BMNH, London. Distribution: Solomon Islands.
Hosts: *Terminalia* sp.
References: (tx) Browne 1986b: 340.
- pasanaie* Schedl 1958b: 105. Lectotype ♂: Malaya, Selangor; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 51. Distribution: Asia (Malaya).
Hosts: *Pasania sundaiica*.
References: (ds) Browne 1961c: 216; Schedl 1972f: 217. (tx) Schedl 1958b: 105, 1972f: 217, 1978b: 217.
- patens* Roberts 1986: 46. Holotype ♂: New Guinea; Papua, Popondetta; BMNH, London. Distribution: New Guinea.
Hosts: *Myristica* sp.
References: (tx) Roberts 1986: 46.
- patulus* Chapuis 1865: 190. Holotype ♂: du Bresil; MNHN, Paris (Schedl 1960c: 32). Distribution: South America (Brazil).
References: (ds) Gemminger & Harold 1872: 2699; Schedl 1972f: 233. (tx) Chapuis 1865: 190; Schedl 1960c: 32, 1972f: 233.
- pectinatus* Roberts 1986: 47. Holotype ♂: New Guinea; Papua, Bulolo; BMNH, London. Distribution: New Guinea.
Hosts: *Xanthophyllum papuanum*.
References: (tx) Roberts 1986: 47.
- pedellus* Schedl 1975g: 230. Holotype ♂: New Guinea, Wan, 1200 m; Schedl Collection in NHMW, Wien. Distribution: New Guinea.
References: (tx) Schedl 1975g: 230, 1978a: 52.
- pedum* Sampson 1928a: 2. Holotype ♂: Sumatra, Sibajak vulkan 1600 m; BMNH, London. Distribution: Indonesia (Sumatra).
References: (ds) Sampson 1928a: 2; Schedl 1972f: 194. (tx) Sampson 1928a: 2; Schedl 1935g: 320, 1972f: 194, 1978a: 52.
- pennatus* Schedl 1962k: 643. Lectotype ♂: Kenya; S. Kinangop; Schedl Collection in NHMW, Wien. Distribution: Africa (Kenya/ Nigeria/ Zaire).
Hosts: *Cassipourea* sp., *Erythrina* sp.
References: (ds) Roberts 1968: 185, 1969: 118; Schedl 1972f: 215. (tx) Schedl 1957d: 120, 1962k: 643, 1972f: 215, 1978a: 52.
- perbinodulus* Schedl 1934e: 211. Holotype ♂: Rio de Janeiro, Brazil; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 790; Schedl 1972f: 241. (tx) Schedl 1934e: 211, 1937d: 37, 1972f: 241, 1978a: 52.
- perbrevis* Browne 1986b: 336. Holotype ♂: Borneo; Tanjong Mani (Sarawak) to Nagoya (Japan), imported; BMNH, London.

- Distribution: Indonesia (Sarawak in Borneo).
Hosts: *Reugus* sp. (Anacardiaceae) log.
References: (tx) Browne 1986b: 336.
- percomis** Schedl 1936c: 239. Syntypes ♂; Venezuela, Moritz [presumably Colonia Tovar]; Schedl Collection in NHMW, Wien.
Distribution: South America (Venezuela).
References: (ds) Blackwelder 1947: 790; Schedl 1972f: 218. (tx) Schedl 1936c: 239. 1972f: 218. 1978a: 53.
- perdiligens** Schedl 1936c: 240. Lectotype ♂; Guyane Française, Nouveau Chantier and St.-Laurent du Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 53.
Distribution: South America (Brazil/ Cayenne).
References: (ds) Blackwelder 1947: 790; Schedl 1966f: 93. 1970e: 87. 1972f: 218. 1972g: 50. (tx) Schedl 1936c: 240. 1972f: 218. 1978a: 53.
- perditus** Schedl 1975f: 391. Holotype ♀; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 391.
- perforans** Schedl 1961i: 232. Holotype ♀; Bolivia, Corvico, Huarinillas; Schedl Collection in NHMW, Wien.
Distribution: South America (Bolivia).
References: (ds) Schedl 1960a: 77. 1972f: 219. (tx) Schedl 1961i: 232. 1972f: 219. 1978a: 53.
- permarginatus** Schedl 1936c: 230. Lectotype ♂; Guyane Française: Nouveau Chantier, St. Jean du Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 53.
Distribution: South America (Cayenne).
References: (ds) Blackwelder 1947: 790; Schedl 1972f: 241. (tx) Schedl 1936c: 225. 230–235. 1972f: 241. 1978a: 53.
- permimicus** Schedl 1936c: 237. Lectotype ♂; Guyane Française: St. Laurent du Maroni and Bas Maroni; Schedl Collection in NHMW, Wien.
Distribution: South America (Cayenne).
References: (hb) Kalshoven 1960c: 40. 1960d: 40. (ds) Blackwelder 1947: 790; Kalshoven 1960d: 40; Schedl 1961c: 70. 1972f: 233. (tx) Schedl 1936c: 236–237. 1972f: 233. 1978a: 53.
- permodestus** Schedl 1936c: 235. Lectotype ♀; French Guyana, St. Laurent du Maroni; Schedl Collection in NHMW, Wien.
Distribution: South America (Cayenne).
References: (ds) Blackwelder 1947: Schedl 1972f: 241. (tx) Schedl 1936c: 235. 1972f: 241. 1978a: 54.
- pernudus** Schedl 1936c: 243. Syntypes ♂ ♀; Guyana?; Schedl Collection in NHMW, Wien.
Distribution: South America (Guyana?).
Notes: (1) Schedl 1978a: 54 (citation of holotype invalid).
References: (ds) Blackwelder 1947: 790; Schedl 1972f: 214. (tx) Schedl 1936c: 243. 1972f: 214. 1978a: 54.
- perplexus** Bright 1972d: 20. Holotype ♂; Good Hope, Trelawny Parish, Jamaica; CNCI, Ottawa.
Figures: Bright 1972d: 19.
Distribution: Antilles Islands (Jamaica).
References: (tx) Bright 1972d: 19–20; McNamara 1977: 191.
- perrisi** Chapuis 1865: 260. Syntypes ♀; de la presqu'île de Malacca (Singapour) et de l'île de Borneo (Sarawak); 3 ♀ in BMNH, London. 1 ♀ in IRSNB, Brussels.
Distribution: Asia (Malaya/ Singapore), Indonesia (Sarawak in Borneo), Philippine Islands.
Hosts: *Shorea robusta*.
References: (cn) Mathur & Singh 1961a: 45. (hb) Browne 1941; Mercer 1982: 210. (ds) Beaver & Browne 1978: 620; Browne 1961c: 200; Gemminger & Harold 1872: 2699; Mathur & Singh 1961a: 45; Mercer 1982: 210; Sampson 1919: 106. 1925b: 394; Schedl 1962h: 63. 1966b: 97. 1972f: 155; Strohmeier 1912c: 17. 1914c: 27. (tx) Chapuis 1865: 260; Nobuchi 1985: 328; Sampson 1919: 106. 1925b: 394; Schedl 1939b: 398. 1960c: 49. 1972f: 155; Strohmeier 1912c: 17. 1914c: 27.
- pertusus** Chapuis 1865: 170. Holotype ♂; de Caracas; BMNH, London (Schedl 1960c: 27).
Distribution: South America (Brazil/ Venezuela).
References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Schedl 1972f: 233. 1976a: 58; Strohmeier 1912c: 11. 1914c: 25. (tx) Chapuis 1865: 170; Keler 1927a: 235; Schedl 1939j: 565. 1948d: 37. 1960c: 27. 1972f: 233. 1978a: 54; Strohmeier 1912c: 11. 1914c: 25.
- peruanus** Nunberg 1939: 238. Holotype ♀; Lima, Peru; Polischen Zoologischen Staatismuseums.
Distribution: South America (Peru).
References: (ds) Blackwelder 1947: 790; Schedl 1972f: 241. (tx) Nunberg 1939: 238–241. 1940: 63; Schedl 1952h: 72. 1972f: 241.
- petalinus** Roberts & Morimoto 1986: 175. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Nothofagus* sp.
References: (tx) Roberts & Morimoto 1986: 175.
- petaloides** Roberts 1979: 93. Holotype ♂; Papua New Guinea: 8 km south-west of Onim Hut, Mount Giluwe, 2450 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Nothofagus pullei*.
References: (tx) Roberts 1979: 93.
- petax** Schedl 1974d: 469. Holotype ♂; Latep logging area, Bulolo, Morobe District; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Caruga floribunda*.
Notes: (3) Schedl 1979c: 116 (described female).

- References: (tx) Schedl 1974d: 469, 1975a: 54, 1979c: 116.
- picinus** Schedl 1952i: 22. Holotype ♂: Congo Belge; Yangambi; MRCB, Tervuren. Figures: Schedl 1962k: 636, 1972f: 222. Distribution: Africa (Cameroon/ Nigeria/ Zaire). Hosts: *Anonidium mannii*, *Macaranga* cf. *lanceifolia*, *Polyalthia suaveolens*, *Pycnanthus angolensis*, *Ricinodendron heudelotii*, *Scorodophloeus zenkeri*, *Terminalia superba*. References: (ds) Mayne & Donis 1960: 98, 1962: 286; Roberts 1968: 158, 1969: 118; Schedl 1962k: 636, 1972f: 223. (tx) Schedl 1952i: 22, 1957d: 120, 1962k: 636, 1108, 1972f: 222–223, 1975a: 55.
- piroloti** Browne 1972c: 106. Holotype ♂: Congo-Kinshasa; Kivu, Bitale; MRCB, Tervuren. Distribution: Africa (Zaire). References: (tx) Browne 1972c: 106.
- pilidens** Schedl 1955b: 309. Holotype ♂: New Guinea, Berlinhafen; originally in Schedl Collection but transferred to NIIMB, Budapest (Schedl 1975a: 55). Distribution: New Guinea. References: (ds) Schedl 1972f: 200. (tx) Schedl 1955b: 282, 309, 1972f: 200, 1975a: 55.
- pinii** Hopkins 1905b: 71. Holotype ♂: Mexico; Chalco; USNM, Washington. Figures: Reichardt 1965b: 161. Distribution: North America (Guatemala/ Honduras/ Durango, Hidalgo, Mexico, Puebla, Tlaxcala in Mexico/ Arizona, New Mexico in USA). Hosts: *Pinus chihuahuana*, *P. leiophylla*, *P. ochoterenai*, *P. ponderosa*, *P. rudis*, *P. pseudostrobus*. Notes: (3) Reichardt 1965b: 159 (described female). References: (hb) Atkinson et al. 1986: 12; Burgos & Saucedo 1984: 45. (ds) Atkinson & Equihua 1985a: 103, 1988: 104; Atkinson et al. 1986: 12; Blackwelder 1947: 790; Burgos & Saucedo 1983: 45; Equihua 1985: 144; Equihua & Atkinson 1987: 26; Ferrer 1942; Furniss, R. L. & Carolin 1977: 339; Schedl 1972f: 223, 1977e: 44; Snow 1881: 70, 1907: 188; Strohmeier 1912c: 11, 1914c: 25; Thomas, J. B. 1966; Wickham 1898: 312; Wood, S. L. 1955b: 37, 1979a: 2. (tx) Equihua & Atkinson 1987: 26; Hopkins 1905b: 71; Reichardt 1965b: 159, 161; Schedl 1940a: 324–325, 1972f: 223; Strohmeier 1912c: 11, 1914c: 25; Wood, S. L. 1955b: 37, 1966b: 17, 1979a: 2.
- quadridens** Schedl 1937d: 38. Lectotype ♂: Mexico, Sierra de Durango and Camelas, Staat Durango; Schedl Collection in NIIMW, Wien, designated by Schedl 1975a: 60. Synonymy: Wood 1966b: 17. References: (cn) Schwerdtfeger 1960b: 254–259. (ec) Becker 1953: 363, 1955; Schwerdtfeger 1960b: 254–259. (hb) Becker 1953: 363, 1955. (ds) Becker 1953: 363; Blackwelder 1947: 790; Ferrer 1942; Kirk 1969, 1970; Schwerdtfeger 1960b: 254–259. (tx) Schedl 1937d: 38, 1940a: 324, 1955g: 48, 1972f: 223, 1975a: 60; Schwerdtfeger 1960b: 254–259; Wood, S. L. 1966b: 17–18, 1979a: 2.
- piniperda** Schedl 1969c: 65. Holotype ♂: Burma; Kalaw, S. Shan States; FRI, Dehra Dun, not found in 1981 by SIW. Distribution: Asia (Burma/ Cambodia/ Thailand). Hosts: *Pinus insularis*. Notes: (1) None of the specimens borrowed by Schedl from FRI were ever returned to FRI; the type apparently is represented by "paratypes" in the Schedl Collection. (3) Beeson 1941: 345, 1961: 266 (*piniperda*, nomen nudum, synonymy in Schedl 1972f: 211). References: (ds) Beaver 1990a: 280; Beeson 1941: 345, 1961: 266; Browne 1980a: 370; Schedl 1972f: 211. (tx) Schedl 1964c: 303, 1969a: 216, 1969c: 65–66, 1972f: 211, 1975a: 55.
- piniperda cambodianus** Schedl 1969a: 216. Holotype ♂: Cambodia, Phnompenh to Tokyo (Japan), imported; PPST, Tokyo. References: (ds) Nobuchi 1977: 138; Schedl 1972f: 211. (tx) Schedl 1969a: 216–217, 1972f: 211, 1975a: 55.
- planodeclivis** Schedl 1942a: 206. Lectotype ♂: Malaya, Pahang, Raub (Chengal); Schedl Collection in NIIMW, Wien, designated by Schedl 1975a: 55. Figures: Nobuchi 1975a: 80. Distribution: Asia (Malaya), Indonesia (Borneo). Hosts: *Balanocarpus heimii*. References: (ds) Browne 1961c: 229; Nobuchi 1977: 126; Schedl 1972f: 196. (tx) Browne 1962e: 643; Nobuchi 1975a: 80, 1978b: 79; Schedl 1942a: 206, 1972f: 196, 1975a: 55.
- platypoides** (Browne) 1955: 368 (*Crossotarsus*). Holotype ♂: Malay Peninsula: Kelantan, Sokor; BMNH, London. Distribution: Asia (Malaya), Indonesia (Borneo). Hosts: *Calophyllum* sp., *Castanopsis* spp., *Dipterocarpus borneensis*, *Dryobalanops oblongifolia*, *Pasania sundaica*, *Quercus* sp., *Swietenia macrophylla*. Notes: (1) Schedl 1972f: 212 (to *Platypus*). References: (hb) Browne 1961c: 229. (ds) Schedl 1964c: 305, 1972f: 212. (tx) Browne 1955: 368–369, 1961a: 316, 1961c: 229; Schedl 1972f: 212.
- plumatus** Schedl 1979g: 116. Holotype ♀: Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NIIMW, Wien. Distribution: New Guinea. References: (tx) Schedl 1979g: 116.
- podocarpi** Browne 1986c: 669. Holotype ♂: Vietnam; Qui Nhon to Tagonoura (Japan), imported; BMNH, London. Distribution: Asia (Vietnam). References: (tx) Browne 1986c: 669.

- politus Chapuis** 1865: 249. Holotype ♀; de File de Borneo, Sarawak; BMNH, London (Schedl 1960c: 47).
Distribution: Indonesia (Sarawak in Borneo).
References: (ds) Gemminger & Harold 1872: 2699; Sampson 1928b: 392; Schedl 1972f: 194; Strohmeier 1912c: 16, 1914c: 27. (tx) Chapuis 1865: 249; Sampson 1928b: 392; Schedl 1960c: 47, 1972f: 194; Strohmeier 1912c: 16, 1914c: 27.
- porcellinus Schedl** 1975f: 392. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 392.
- porcellus Schedl** 1942a: 209. Holotype ♂; Salomons Inseln; Schedl Collection in NHMW, Wien.
Figures: Nobuchi 1975a: 80.
Distribution: New Guinea, Solomon Islands.
Hosts: *Calophyllum* sp.
Notes: (3) Schedl 1972h: 70 (described female).
References: (ds) Nobuchi 1977: 120; Ohno, Yoshioka, et al. 1988b: 95, 1989: 66; Schedl 1972f: 193. (tx) Nobuchi 1978b: 77, 80; Schedl 1942a: 209, 1972f: 193, 1972h: 70, 1975a: 55.
- poricollis Schedl** 1950i: 147. Holotype ♀; New Guinea; Schedl Collection in NHMW, Wien, automatic.
Distribution: New Guinea.
References: (ds) Schedl 1972f: 199. (tx) Schedl 1950i: 147, 1972f: 199.
- porosus Schedl** 1942c: 193. Holotype ♀; New Guinea; Schedl Collection in NHMW, Wien, preoccupied by Blandford 1896.
References: (ds) Equihua & Atkinson 1957: 27; Schedl 1972f: 205. (tx) Equihua & Atkinson 1957: 27; Schedl 1942c: 193, 1950i: 147, 1972f: 205, 1978b: 56.
- porosulus Browne** 1983a: 564. Holotype ♂; Teminaban (West Irian) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
References: (tx) Browne 1983a: 564.
- porosus Blandford** 1896c: 105. Syntypes ♂ ♀; Panama, Volcan de Chiriqui; BMNH, London.
Figures: Blandford 1896c: pl. 4, fig. 16.
Distribution: North America (Panama).
References: (ds) Blackwelder 1947: 790; Strohmeier 1912c: 10, 1914c: 24. (tx) Blandford 1896c: 105–106; Strohmeier 1912c: 10, 1914c: 24.
- porrectus Chapuis** 1865: 150. Holotype ♀; de la Colombie; IRSNB, Brussels (Schedl 1960c: 22).
Distribution: North America (Costa Rica/Panama), South America (Colombia).
References: (ds) Blackwelder 1947: 790; Blandford 1896c: 103–104; Equihua & Atkinson 1957: 27; Gemminger & Harold 1872: 2699; Schedl 1933c: 166, 1972f: 241; Strohmeier 1912c: 9, 1914c: 23. (tx) Blandford 1896c: 103–104; Chapuis 1865: 150; Equihua & Atkinson 1957: 27; Schedl 1960c: 22, 1972f: 241; Strohmeier 1912c: 9, 1914c: 23.
- pouteriae Wood** 1972b: 252. Holotype ♂; 40 km SE Socopo, Barinas, Venezuela; Wood Collection.
Distribution: South America (Colombia/Venezuela).
Hosts: *Pouteria ambaefolia*, *P.* sp.
References: (tx) Wood, S. L. 1972b: 252.
- praealtus Schedl** 1975f: 393. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 393.
- praecegens Schedl** 1969b: 228. Holotype ♂; New Guinea; Porotop L.M. Station, W. H. D.; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Nothofagus* sp.
References: (ds) Schedl 1972f: 200. (tx) Schedl 1969b: 228, 1972f: 200, 1975a: 56.
- praepositus Schedl** 1969b: 229. Holotype ♂; New Guinea; Watut Valley, 1200 m, Morobe District; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Araucaria humsteini*, *Xanthophyllum* sp.
Notes: (3) Schedl 1972i: 55 (described female).
References: (ds) Schedl 1972f: 200. (tx) Schedl 1969b: 229–230, 1972f: 200, 1972i: 55, 1975a: 56.
- praeteritus Schedl** 1969b: 230. Holotype ♂; New Guinea; Porotop L. M. Station, W. H. D.; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Syzygium* sp.
References: (ds) Schedl 1972f: 193. (tx) Schedl 1969b: 230, 1972f: 193, 1975a: 56.
- praetermissus Schedl** 1979g: 117. Holotype ♂; Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1979g: 117.
- prenexus Wood** 1966a: 64. Holotype ♂; 16 km SE Cartago on Pan-American Highway, Cartago Prov., Costa Rica, 5600 feet; Wood Collection.
Figures: Schedl 1972f: 220, Wood 1966a: 67.
Distribution: North America (Costa Rica).
References: (ds) Equihua & Atkinson 1957: 27; Schedl 1972f: 220. (tx) Equihua & Atkinson 1957: 27; Schedl 1972f: 220; Wood, S. L. 1966a: 64, 67.
- principeensis (Schedl)** 1936e: 60 (*Stenoplatypus*).
Lectotype ♂; Is. Principe, Roca Inf. D. Henrique, 100–300 m; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 56.
Distribution: Africa (Principe Island).
Notes: (3) Schedl 1972f: 215 (treated as a subspecies of *internedius*), Roberts 1972: 71 (treated as a good species).
References: (ds) Schedl 1972f: 215. (tx) Roberts

- 1972: 71. Schedl 1936c: 60–61, 1957d: 120, 1962k: 653, 1972f: 215, 1975a: 56.
- propinquus** Schedl 1959m: 555. Holotype ♂: Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (ds) Schedl 1967d: 5, 1972f: 219, (tx) Schedl 1959m: 555, 1972f: 219, 1975a: 57.
- protenus** (Schedl) 1939c: 356 (*Crossotarsus*). Lectotype ♂: Malaya, Pahang; Kemasul For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 57.
Distribution: Asia (India, Malaya).
Hosts: *Hopca mengarawan*, *Pomelia macrocarpa*, *Xerospermum* sp.
References: (ds) Beeson 1961: 266; Browne 1961c: 200; Schedl 1972f: 207, (tx) Schedl 1939c: 356–357, 1942a: 172, 1972f: 207, 1975a: 57.
- pseudocupulatus** Schedl 1935n: 635. Syntypes ♂ ♀: Malay States: Selangor, Rawang, Sungai Buloh, and Kakang; BMNH, London, and Schedl Collection in NHMW, Wien.
Figures: Nakashima 1975: 59, Nobuchi 1975a: 50.
Distribution: Asia (Bangladesh/ Burma/ China/ Assam in India/ Malaya/ Thailand/ Tonkin in Vietnam), Australia, Indonesia (Aru Island, Batchian, Borneo, Celebes, Java, Moluccas, Sumatra), New Guinea, Philippine Islands, Sumba Island.
Hosts: *Agava sisalana*, *Aleurites moluccana*, *Alstonia* sp., *Arenga* sp., *Arthrophyllum diversifolium*, *Artocarpus elasticus*, *A. lakoocha*, *Austroboxus nitidus*, *Bouea* sp., *Cassia siamea*, *Castanopsis* sp., *Chrysophyllum roxburghii*, *Dalbergia latifolia*, *Dryobalanops aromatica*, *D. oblongifolia*, *Durio* sp., *Elaterospermum tapos*, *Endospermum malaccense*, *Erythrina* sp., *Eucalyptus deglupta*, *Ficus elastica*, *Garcinia* sp., *Gmelina arborea*, *Gonostylus bancanus*, *Heritiera trifolia*, *Hevea brasiliensis*, *Lithocarpus wallichianus*, *Litsea megacarpa*, *Lophopetalum* sp., *Mangifera* sp., *Millettia dehiscens*, *Parkia speciosa*, *Pithecellobium* sp., *Pomelia* sp., *Pouteria malaccensis*, *Rhizophora apiculata*, *Saraca* sp., *Shorea leprosula*, *S. maxwelliana*, *S. parvifolia*, *S. pauciflora*, *Sterculia foetida*, *S. macrophylla*, *Styrax benzoin*, *Terminalia belerica*, *Xanthophyllum* spp., *Xylopia caudata*, *X. cordata*.
Notes: (1) Schedl 1975a: 57 (citation of holotype invalid). (3) Schedl 1941b: 421 (redescription).
References: (ay) Nakashima 1975: 6, (bv) Gray, B. 1974b, (cn) Browne 1949e; Kalshoven 1960d: 48; Supriana et al. 1975, (cc) Browne 1955b; Nakashima 1975: 6, (hb) Beaver & Browne 1978: 620; Browne 1941, 1955b, 1961c: 205–206; Gray, B. 1974b; Kalshoven 1960c: 36; Mercer 1982: 210, (ds) Beaver & Browne 1975: 308, 1978: 620; Beeson 1961: 266; Browne 1961a: 313, 1961c: 205–206, 1972b: 29, 1980d: 492; Choo, Woo, & Kim 1981: 203; Kalshoven 1960d: 48; Mercer 1982: 210; Nakashima 1975: 3; Nobuchi 1977: 137, 1979a: 407; Olmo, Yoneyama, & Nakazawa 1982a: 5, 1982b: 10, 1987b: 90; Olmo, Yoskioka, et al. 1988b: 98; Schedl 1959c: 168, 1961c: 71, 1964c: 304, 1965g: 23, 1965j: 304, 1966c: 97, 1972f: 211, 1974f: 262, 1975g: 294; Supriana et al. 1978, (tx) Nakashima 1975: 59; Nobuchi 1985: 329; Schedl 1935n: 635, 1936c: 56, 1939c: 1, 1941b: 421–422, 1942a: 172, 1955i: 215, 1972f: 211, 1975a: 57.
- pseudocupulatus sundaensis** Schedl 1941b: 421. Holotype ♂: Java, Bandjar; Schedl Collection in NHMW, Wien.
References: (cn) Kalshoven 1960d: 48, (ds) Browne 1955b: 290; Kalshoven 1960d: 35; Nobuchi 1977: 138; Olmo, Yoneyama, & Nakazawa 1987a: 95; Schedl 1962f: 167, 1969a: 208, 1972f: 211, (tx) Nobuchi 1975a: 50, 1975b: 52; Schedl 1941b: 421, 1972f: 211, 1975a: 57.
- pseudocupulatus artocavus** Schedl 1941b: 422. Holotype ♂: New Guinea; Papua, Kokoda, 1200 ft.; Schedl Collection in NHMW, Wien.
References: (ds) Schedl 1961c: 69, 71, 1965e: 264, 1972f: 211, (tx) Schedl 1941b: 422, 1972f: 211, 1975a: 57.
- pseudocurtus** Schedl 1935n: 635. Lectotype ♀: Malay States: Pahang (Mentakab), Pahang (Tranum), Johore North (Kluang); Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 57.
Distribution: Asia (Malaya/Vietnam).
Hosts: *Dipterocarpus kunstleri*, *Dryobalanops aromatica*, *Shorea faguatiana*, *S. leprosula*, *Intsia palenbanica*.
Notes: (3) Browne 1955: 369 (described male).
References: (hb) Browne 1941, 1961c: 200, (ds) Beeson 1941 (1961: 266); Browne 1961c: 200, 1968a: 132–133, 1980d: 491; Olmo, Yoneyama, & Nakazawa 1982b: 10; Schedl 1972f: 185, (tx) Browne 1955: 369; Schedl 1935n: 635–636, 1972f: 185, 1975a: 57.
- pseudodignatus** Schedl 1963d: 232. Holotype ♂: Brasilien: Sao Paulo, Caragnatutaba, Res. Flor., 40 m; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (ds) Schedl 1972f: 241, (tx) Schedl 1963d: 232, 1972f: 241, 1975a: 58.
- pseudolongulus** Schedl 1963d: 233. Holotype ♂: Franz. Guayana; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil/ Cayenne).
References: (ds) Schedl 1972f: 205, 1976a: 55, (tx) Schedl 1963d: 233, 1972f: 205, 1975a: 58.
- pseudoplicatus** Schedl 1933c: 168. Holotype ♂: Costa Rica, San Jose, 1000–1200 m; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica).
References: (ds) Blackwelder 1947: 790; Equihua

- & Atkinson 1957: 27; Schedl 1933c: 168, 1972f: 241. **(tx)** Equihua & Atkinson 1957: 27; Schedl 1933c: 168, 1972f: 241, 1975b: 58.
- pseudoporus** Schedl 1979g: 117. Holotype ♂; Papua, Upper Manki L.A., Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(tx)** Schedl 1979g: 117.
- pseudoselysi** Schedl 1972h: 71. Holotype ♂; New Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(ds)** Schedl 1972f: 224. **(tx)** Schedl 1972f: 224, 1972h: 71, 1978a: 58.
- pseudosindorae** Browne 1953a: 570. Holotype ♂; Wapoga (West Irian) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: "Himelio, Matoa" logs.
References: **(ds)** Ohno, Yoneyama, & Nakazawa 1957a: 95. **(tx)** Browne 1953a: 570.
- pseudosolidus** Schedl 1936e: 56. Lectotype ♂; Sumatra, Si-Rambe; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 58.
Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo, Sumatra).
Hosts: *Castanopsis sumatrana*, *Pasania* sp.
Notes: (3) Browne 1955: 370 and Schedl 1971: 394 (described female).
References: **(hb)** Browne 1961c: 209. **(ds)** Schedl 1971c: 370, 1972f: 199. **(tx)** Browne 1955: 370; Numberg 1961: 624; Schedl 1936e: 56, 1953c: 291, 1971c: 394, 1972f: 199, 1978a: 58.
- pseudoterminatus** Schedl 1936j: 35. Lectotype ♂; Malay Peninsula, Pahang; Rotan Tunggal Forest Reserve; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 58.
Distribution: Asia (Malaya).
References: **(hb)** Browne 1941. **(ds)** Browne 1961c: 213; Schedl 1936j: 35, 1972f: 186. **(tx)** Schedl 1936j: 35, 1941c: 363, 1972f: 186, 1978a: 58.
- ptochoides** Schedl 1970b: 367. Holotype ♂; Philippine Islands, Talomo to Miyako (Japan), imported; PPST, Tokyo.
Distribution: Philippine Islands.
References: **(ds)** Browne 1954c: 499; Nobuchi 1977: 127; Schedl 1972f: 196. **(tx)** Nobuchi 1955: 329; Schedl 1970b: 367–368, 1972f: 196, 1978a: 58.
- puerulus** (Schedl) 1939e: 357 (*Crossotarsus*). Lectotype ♂; Malaya, Perak, Trolak; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 59.
Distribution: Asia (Malaya), Indonesia (Borneo).
Hosts: *Dialium* sp., *Elateriospermum tapos*, *Laurinca* sp., *Lophopetalum* sp., *Nephtelium* sp., *Xylocopa cordata*.
Notes: (1) Schedl 1972f: 237 (to *Platypus*).
References: **(hb)** Browne 1961c: 200. **(ds)** Beeson 1941 (1961: 254); Browne 1961c: 200, 202, 1951b: 599, 1956c: 662; Schedl 1972f: 237. **(tx)** Schedl 1939e: 357–358, 1941c: 356, 1950g: 895–896, 1972f: 237, 1978a: 59.
- puerulus parvulus** Schedl 1939e: 355 (*Crossotarsus*). Holotype ♂; Kepong, Malaya; Schedl Collection in NHMW, Wien.
References: **(ds)** Schedl 1972f: 237. **(tx)** Schedl 1939e: 355, 1972f: 237, 1978a: 59.
- pulicaris** Chapuis 1865: 165. Holotype ♂; du Bresil, Ste. Catherine; IRSNB, Brussels (Schedl 1960c: 26).
Figures: Bright 1972d: 19.
Hosts: *Cedrela fissula*.
Distribution: Antilles Islands (Guadeloupe/Jamaica/ Puerto Rico/ Trinidad), South America (Argentina/ Bolivia/ Brazil/ Cayenne/ Colombia/ Paraguay/ Suriname).
References: **(cn)** Ruffinelli & Carbonell 1944: 27. **(ds)** Blackwelder 1947: 790; Bright 1972d: 22; Browne 1951b: 600; Equihua & Atkinson 1957: 27; Gemminger & Harold 1872: 2700; Schedl 1967d: 5, 1972f: 234, 1972g: 40, 1973d: 164, 1976a: 58, 1978c: 292, 1979e: 55; Schonherr & Pedrosa-Macedo 1981: 58; Strohmeier 1912c: 12, 1914c: 25. **(tx)** Bright 1972d: 19, 22; Chapuis 1865: 165; Equihua & Atkinson 1957: 27; Reichardt 1964b: 88; Schedl 1934e: 212, 1935i: 28, 1939j: 565, 1941c: 155, 1952c: 123, 1959m: 557, 1960c: 26, 1972f: 234; Strohmeier 1912c: 12, 1914c: 25.
- melanurus** Chapuis 1865: 180. Holotype ♂; de la Colombie; IRSNB, Brussels (Schedl 1960c: 30).
Synonymy: Reichardt 1964: 88.
References: **(ds)** Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Numberg 1958a: 481, 1972b: 190; Strohmeier 1912c: 11, 1914c: 25. **(tx)** Chapuis 1865: 180; Numberg 1958a: 481–482; Reichardt 1964: 88; Schedl 1936c: 237, 1945d: 41, 1960c: 30, 1972f: 234; Strohmeier 1912c: 11, 1914c: 25.
- schaumi** Chapuis 1865: 181. Syntypes ♂ ♀; du Porto-Rico; 1 ♂, 1 ♀ in MNB, Berlin. Synonymy: Reichardt 1964: 88.
References: **(ds)** Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Reichardt 1948: 355; Strohmeier 1912c: 13, 1914c: 25; Wolcott 1936: 317, 1948: 355. **(tx)** Chapuis 1865: 181; Reichardt 1964: 88; Schedl 1936c: 237, 1937d: 33, 39, 1951b: 287, 1952a: 446, 1972f: 234; Strohmeier 1912c: 13, 1914c: 25.
- pulvinatus** Roberts & Morimoto 1986: 175. Holotype ♂; New Guinea; Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
References: **(tx)** Roberts & Morimoto 1986: 175.
- quadricornutus** Roberts 1989: 281. Holotype ♂; Papua New Guinea; Upper Stony Logging Area, Bulolo, 1200 m; NHMW, Wien.
References: **(tx)** Roberts 1989: 281.

- pumilus** **Browne** 1955a: 195. Holotype ♂: Kadat (Sabah) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Borneo).
Hosts: *Shorea* sp.
References: (tx) Browne 1955a: 195.
- quadricaudatus** **Schedl** 1934c: 211. Holotype ♂: Caracas [Venezuela]; Schedl Collection in NHMW, Wien.
Distribution: South America (Venezuela).
References: (ds) Blackwelder 1947: 790; Schedl 1969c: 66, 1972f: 219. (tx) Schedl 1934c: 211, 1972f: 219, 1975a: 60.
- quadrinictus** **Schedl** 1962i: 77. Holotype ♂: New South Wales: Tweed River; Schedl Collection in NHMW, Wien.
Distribution: Australia (New South Wales).
References: (ds) Schedl 1962i: 74, 1972f: 201. (tx) Schedl 1962i: 77, 1972f: 201, 1975a: 60.
- quadricornis** **Schedl** 1957d: 123. Holotype ♂: Congo Belge: Yangambi; MRCB, Tervuren.
Figures: Schedl 1962k: 673, 1972f: 226.
Distribution: Africa (Zaire).
Hosts: *Polyalthia suaevoles*.
References: (tx) Mayne & Donis 1960: 100, 1962: 256; Schedl 1957d: 123–124, 1962k: 673, 1972f: 226.
- quadridentatus** (**Olivier**) 1795: 5 (*Scolytus*). Holotype ♂: Amerique septentrionale [USA]; MNHN, Paris, not found, presumed lost.
Figures: Atkinson 1989c.
Distribution: North America (Alabama, Arkansas, Florida, Georgia, S Indiana, Louisiana, Maryland, Mississippi, North Carolina, E Oklahoma, South Carolina, Tennessee, E Texas, Virginia, West Virginia in USA).
Hosts: *Quercus* spp.
Notes: A report of this species from Arizona requires confirmation.
References: (ay) Hopkins 1894g: Khalaf 1980: 339. (en) Anonymous 1968g; Blackman 1950; Chamberlin 1939: 110–112; Doane et al. 1936; Hubbard 1897b: 15; Seymour 1968. (ec) Chamberlin 1939: 110–112; Felt 1906: 720. (hb) Atkinson 1989c; Baker, W. L. 1972: 273; Beal & Massey 1945: 64–65; Beal et al. 1952: 114–115; Blackman 1922b: 39–41, 1950; Chamberlin 1939: 110–112; Doane et al. 1936; Felt 1906: 720; Hetrick 1967; Hopkins 1894g: 277; Hubbard 1897b: 15; Husson 1955: 350. (ds) Anonymous 1968g; Atkinson 1989c; Atkinson et al. 1991: 153; Beal & Massey 1945: 64–65; Blackman 1922b: 39–41, 1950; Blatchley & Leng 1916: 583; Chamberlin 1939: 110–112; Drooz 1985: 375; Equilina & Atkinson 1987: 28; Gemminger & Harold 1872: 2700; Henshaw 1885: 147; Hopkins 1893a: 127, 1893b: 207; Schedl 1972f: 223; Schwarz 1878d: 468; Staines, C. L. 1982; Strohmeyer 1912c: 12, 1914c: 25; Swaine 1909: 85; Wood, S. L. 1979a: 2. (tx) Atkinson 1989c; Beal & Massey 1945: 64–65; Blackman 1922b: 39–41; Blatchley & Leng 1916: 583; Chamberlin 1939: 110–112; Chapuis 1865: 338; Equilina & Atkinson 1987: 28; Hubbard 1897b: 15; LeConte 1868: 151, 1876: 343–344, 1878a: 468; Olivier 1795b: 5; Schedl 1972f: 223; Strohmeyer 1912c: 12, 1914c: 25; Swaine 1909: 85; Wood, S. L. 1972b: 249, 1979a: 2.
- blanchardi** Chapuis 1865: 185. Syntypes ♂: Texas: 2 ♂ in MNB, Berlin, 1 ♂ in MNHN, Paris (Schedl 1960c: 31). Synonymy: LeConte 1876: 344.
References: (ds) Blackwelder 1939; Gemminger & Harold 1872: 2697; Leng 1920: 337; Schedl 1933c: 171; Swaine 1909: 86. (tx) Chapuis 1865: 185; LeConte 1868: 151, 1876: 344; Schedl 1937d: 39, 1960c: 31, 1972f: 223; Swaine 1909: 86; Wood, S. L. 1979a: 2.
- disciporus** Chapuis 1865: 219. Holotype ♀: de l'Amerique boreale, Tennesse, Coll. de M. Dohrn; presumably Stettin Museum, lost, 1 ♀ not in type series, det. Chapuis in MNB, Berlin. Synonymy: Wood 1955b: 37, 1972b: 249.
References: (hb) Chamberlin 1939: 110. (ds) Chamberlin 1939: 110; Gemminger & Harold 1872: 2695; Leng 1920: 337; Sampson 1925a: 3; Strohmeyer 1912c: 13, 1914c: 26; Swaine 1909: 85; Wood, S. L. 1955b: 37. (tx) Chamberlin 1939: 110; Chapuis 1865: 219; LeConte 1865: 151, 1876: 343; Sampson 1925a: 3; Schedl 1937d: 40, 1960c: 31, 1961i: 232, 1972f: 223; Strohmeyer 1912c: 13, 1914c: 26; Swaine 1909: 85; Wood, S. L. 1955b: 37, 1972b: 249, 1979a: 1.
- quadrifissilis** **Schedl** 1936e: 58. Lectotype ♂; Mt. Makiling, Laguna, P.I., 400 Fms; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 60.
Distribution: Asia (Andaman Islands in India/Malaya), Indonesia (Borneo, Mentawai), Philippine Islands.
Hosts: *Bombax insignis*, *Pterocymbium cinctorium*, *Salmalia insignis*, *Scaphium affine*, *Shorea leprosula*, *Sterculia villosa*.
References: (en) Mathur & Singh 1961a: 10. (hb) Browne 1941, 1961c: 202. (ds) Beeson 1961: 266; Browne 1961a: 313, 1961c: 202, 1980c: 484, 1984c: 449; Mathur & Singh 1961a: 10; Nobuchi 1977: 116; Schedl 1961f: 96, 1966b: 94, 1966g: 33, 1969c: 66, 1972f: 227. (tx) Nobuchi 1985: 330; Schedl 1936e: 58, 1939c: 336, 1942a: 172, 1961f: 96, 1972f: 227, 1978a: 60.
- quadrinotatus** **Schedl** 1975g: 231. Holotype ♂: New Guinea, Wan; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
Notes: (3) Roberts 1989: 281 (described female).
References: (tx) Schedl 1975g: 231, 1978a: 60.

- quadruporus (Beeson)** 1937: 96 (*Crossotarsus*).
 Syntypes ♂ ♀; Bengal: Darjeeling division, Debrepani, 6000 feet; FRI, Dehra Dun.
 Distribution: Asia (Bhutan/ Bengal in India).
 Hosts: *Quercus lamellosa*, *Q. lineata*.
 Notes: (1) Schedl 1972f: 219 (to *Platypus*).
 References: (ds) Schedl 1972f: 219, 1975c: 354. (tx) Beeson 1937: 96–97; Schedl 1969c: 66, 1972f: 219, 1978a: 60.
- quadrspinatus Chapuis** 1865: 221. Syntypes ♂: de la Colombie; 1 ♂ in MNB, Berlin, 1 ♂ in IRSNB, Brussels.
 Distribution: South America (Brazil/ Cayenne/ Colombia/ Venezuela).
 Hosts: *Cedrela fissilis*.
 Notes: (3) Schedl 1936c: 239 (described female).
 References: (cn) Morris 1955: 139. (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Sampson 1928a: 3; Schedl 1972f: 219, 1976a: 55; Schonherr & Pedrosa-Macedo 1951: 55; Strohmeier 1912c: 13, 1914c: 26. (tx) Chapuis 1865: 221; Sampson 1928a: 3; Schedl 1934c: 211, 1935i: 44, 1936c: 239, 1937d: 33, 40, 1945f: 253, 1959m: 555, 1960c: 40, 1972f: 219, 1978a: 61; Strohmeier 1912c: 13, 1914c: 26.
- quadrspinis Browne** 1950d: 496. Holotype ♂: Manokwari (New Guinea) to Nagoya (Japan), imported; BMNH, London.
 Figures: *Ficus* sp.
 Distribution: New Guinea.
 References: (ds) Browne 1954b: 287. (tx) Browne 1950d: 496, 1954c: 292.
- quaesitus Schedl** 1934e: 210. Holotype ♀: Costa Rica, St. Jose [San Jose]; Schedl Collection in NHMW, Wien.
 Distribution: North America (Costa Rica).
 References: (ds) Blackwelder 1947: 790; Equihua & Atkinson 1957: 28; Schedl 1972f: 241. (tx) Equihua & Atkinson 1957: 28; Schedl 1934e: 210, 1972f: 241, 1978a: 61.
- queenslandi Schedl** 1936g: 518. Lectotype ♂: North Queensland; Schedl Collection in NHMW, Wien.
 Distribution: Australia (Queensland).
 Hosts: *Alphitonia petrici*, *Araucaria cunninghamii*, *Canarium australasicum*, *Juglans* sp.
 References: (ds) Schedl 1936g: 518, 1972f: 155, 1980b: 185. (tx) Schedl 1936g: 518–519, 1955i: 214, 1972f: 185, 1978b: 61.
- querceus Wood** 1972b: 251. Holotype ♂: Volcan de Chiriqui (near Cerro Punta), Chiriqui, Panama; Wood Collection.
 Distribution: North America (Costa Rica/ Panama).
 Hosts: *Quercus* sp.
 References: (ds) Equihua & Atkinson 1957: 28. (tx) Equihua & Atkinson 1957: 28; Wood, S. L. 1972b: 251.
- querci Browne** 1950c: 455. Holotype ♂: Keelung (Formosa) to Nagoya (Japan), imported; BMNH, London.
 Distribution: Asia (Taiwan).
 Hosts: *Quercus* sp.
 References: (tx) Browne 1950c: 455.
- quercicola Schedl** 1971c: 394. Holotype ♂: Malay Penin.: Kelantan Chabong, Jongtrat F.R.; BMNH, London.
 Distribution: Asia (Malaya).
 Hosts: *Quercus* sp.
 References: (ds) Schedl 1972f: 185. (tx) Schedl 1971c: 394–395, 1972f: 185.
- quercinus Schedl** 1942a: 213. Holotype ♂: Malaya, N.S., Pasoh F.R.; BMNH, London.
 Distribution: Asia (Malaya).
 Hosts: *Castanopsis sumatrana*, *Quercus wrayi*.
 References: (ds) Browne 1961c: 215; Schedl 1972f: 217. (tx) Schedl 1942a: 213, 1972f: 217.
- quercivorus Murayama** 1925b: 229. Syntypes ♂ ♀: Taiwan; Murayama Collection in USNM, Washington.
 Figures: Nobuchi 1973b: pl. 2.
 Distribution: Asia (Bengal in India/ Japan/ Taiwan), Indonesia (Java), New Guinea.
 Hosts: *Castanopsis cuspidata*, *Cryptomeria japonica*, *Ilex chinensis*, *Liudera erythrocarpa*, *Lithocarpus edulis*, *Pasania glabra*, *Prunus* sp., *Quercus acuta*, *Q. acutissima*, *Q. gilva*, *Q. glauca*, *Q. mongolica* var. *grosseserrata*, *Q. myrsinaefolia*, *Q. salicina*, *Q. serrata*, *Q. sessilifolia*.
 Notes: (1) Schedl 1972f: 217 (to *Platypus*).
 References: (cn) Anonymous 1950g; Murayama 1954a: 17. (ds) Anonymous 1950g; Murayama 1929a: 675, 1936a: 140, 1937c: 550, 1954a: 17, 1955: 100, 105; Nobuchi 1973b: 14; Schedl 1972f: 217. (tx) Beeson 1937: 94; Murayama 1925b: 229–231, 235, 1928a: 287, 1930b: 28–29, 1936a: 140–141, 1955: 100, 105; Nobuchi 1973b: 14, pl. 2; Schedl 1939c: 4, 1972f: 217, 1972p: 156.
- sexfenestratus Beeson** 1937: 94 (*Crossotarsus*).
 Syntypes ♂ ♀; Bengal: Kalimpong division, Samsingh; FRI, Dehra Dun. Synonymy: Schedl 1972p: 156.
 Notes: (1) Schedl 1972f: 217 (to *Platypus*).
 References: (ds) Beeson 1941 (1961: 266); Kalshoven 1960d: 41. (tx) Beeson 1937: 94–95; Schedl 1939c: 4, 1941c: 354, 1969c: 66, 1972f: 217, 1972p: 156.
- quinquecostatus Chapuis** 1865: 149. Syntypes ♂: du Mexique; 2 ♂ in IRSNB, Brussels (Schedl 1960c: 22).
 Distribution: North America (El Salvador/ Guatemala/ Mexico).
 Hosts: *Ilex brasilicensis*.
 References: (ds) Blackwelder 1947: 790; Blandford 1896c: 103; Equihua & Atkinson 1957: 28; Ferrer 1942; Gemminger & Harold 1872: 2700; Schedl 1972f: 241, 1977c: 44; Strohmeier 1912c:

- 9, 1914c: 24. (tx) Blandford 1896c: 103; Chapuis 1865: 149; Equihua & Atkinson 1957: 28; Schedl 1940a: 324, 1960c: 22, 1972f: 241; Strohmeier 1912c: 9, 1914c: 24.
- ramali Schedl** 1940c: 203. Syntypes ♂: Costa Rica. Ramal Parismina, Sta. Clara; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica/Panama).
References: (ds) Equihua & Atkinson 1957: 28; Schedl 1972f: 241. (tx) Equihua & Atkinson 1957: 28; Schedl 1940c: 203, 1972f: 241, 1975a: 61.
- ramosissimus Roberts & Morimoto** 1986: 176. Holotype ♂: New Guinea: Papua, Guni, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Cryptocarya* sp.
References: (tx) Roberts & Morimoto 1986: 176.
- ramulosus Roberts & Morimoto** 1986: 177. Holotype ♂: New Guinea: Papua, Guni, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Cryptocarya* sp.
References: (tx) Roberts & Morimoto 1986: 177.
- rasilis Schedl** 1979g: 118. Holotype ♀: Papua, Upper Manki L.A., Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1979g: 118.
- ratzeburgi Chapuis** 1865: 227. Syntypes ♂ ♀: de la Guyanne française, de la Colombie, et du Bresil; 1 ♀ in MNB, Berlin, 2 ♂ in BMNH, London, 1 ♂, 1 ♀ in IRSNB, Brussels.
Distribution: Antilles Islands (Cuba/Guadeloupe/Puerto Rico/Trinidad), North America (Costa Rica/El Salvador), South America (Argentina/Bolivia/Brazil/Cayenne/Colombia/Paraguay/Peru/Suriname/Venezuela).
Hosts: *Erythrina costaricensis*, *Inga* sp., *Lonchocarpus margaritensis*.
References: (hb) Kalshoven 1963; Swabey 1935: 7. (ds) Blackwelder 1947: 790; Equihua & Atkinson 1957: 28; Gemminger & Harold 1872: 2700; Kalshoven 1963: 238; Martorell 1945: 467–468; Santoro 1957b: 26; Schedl 1933c: 174, 1960a: 78, 1970e: 87, 1972f: 218, 1972g: 50, 1977e: 44; Strohmeier 1912c: 14, 1914c: 26; Swabey 1935: 7; Wolcott 1936: 316, 1948: 385. (tx) Chapuis 1865: 227; Equihua & Atkinson 1957: 28; Schedl 1936c: 55, 1937d: 40, 1939j: 565, 1941e: 156, 1948d: 37, 1952a: 444, 1952c: 123, 1952h: 73, 1957a: 194, 1960a: 78, 1960c: 41–42, 1972f: 218; Strohmeier 1912c: 14, 1914c: 26.
- raucis Schedl** 1936c: 224. Syntypes ♂ ♀: Guayana (?); Schedl Collection in NHMW, Wien.
Distribution: South America (Cayenne/Suriname).
Notes: (1) Schedl 1978a: 62 (citation of holotype invalid).
References: (ds) Blackwelder 1947: 790; Schedl 1972f: 241. (tx) Schedl 1936c: 224, 1972f: 241, 1975a: 62.
- refractus Roberts & Morimoto** 1986: 178. Holotype ♂: New Guinea: Papua, Guni, Bulolo; BMNH, London.
Distribution: New Guinea.
References: (tx) Roberts & Morimoto 1986: 178.
- reichei Chapuis** 1865: 135. Syntypes ♂ ♀: de la Colombie; 1 ♀ in MNB, Berlin, 1 ♂ in IRSNB, Brussels (Schedl 1960c: 19).
Distribution: North America (Costa Rica/Nicaragua/Panama), South America (Brazil/Colombia).
Hosts: *Ficus* sp., etc.
Notes: (3) Breeds only in healthy, green tissue of living trees.
References: (ds) Blackwelder 1947: 790; Blandford 1896c: 98; Equihua & Atkinson 1957: 28; Gemminger & Harold 1872: 2700; Schedl 1933c: 166, 1972f: 241; Strohmeier 1912c: 9, 1914c: 24. (tx) Blandford 1896c: 98; Chapuis 1865: 135; Equihua & Atkinson 1957: 28; Schedl 1934e: 210, 1935e: 176, 1935h: 354, 1936c: 228, 1960c: 19, 1972f: 241; Strohmeier 1912c: 9, 1914c: 24.
- retusipennis Schedl** 1964c: 301. Holotype ♂: Ostkuste Sumatras, Brastagi, 1300 m; ZMA, Amsterdam.
Distribution: Indonesia (Sumatra).
References: (ds) Schedl 1972f: 212. (tx) Schedl 1964c: 301, 1972f: 212.
- retusulus Schedl** 1975a: 460. Holotype ♂: Vietnam: Tonkin, Kelao; Schedl Collection in NHMW, Wien.
Distribution: Asia (Tonkin Island in Vietnam).
References: (ds) Schedl 1975a: 453. (tx) Schedl 1975a: 453, 460.
- retusus Strohmeier** 1910e: 132. Holotype ♂: Nilgiri Hills (India orientalis); H. L. Andrews Collection.
Distribution: Asia (India).
References: (ds) Schedl 1972f: 212; Strohmeier 1912c: 19, 1914c: 29. (tx) Schedl 1972f: 212; Strohmeier 1910e: 132, 1912c: 19, 1914c: 29.
- rimulosus Schedl** 1950e: 215. Lectotype ♀: Cote d'Ivoire, Adiopodoume, upon Avodire; Schedl Collection in NHMW, Wien.
Distribution: Africa (Ghana/Ivory Coast).
Hosts: *Turraecanthus africana*.
References: (ce) Jover 1952: 73–81. (hb) Caehan 1957: 6, 15; Jover 1952: 73–81. (ds) Browne 1984b: 287; Schedl 1962h: 63, 1962k: 640, 1972f: 216. (tx) Schedl 1950e: 215, 1954d: 874, 885, 1957d: 120–121, 1962k: 640, 1972f: 216, 1978a: 62.
- roberti Chapuis** 1865: 183. Syntypes ♂: de Madagascar; 1 ♂ in MNB, Berlin, 2 ♂ in MNHN, Paris.
Distribution: Madagascar.
Notes: (3) Browne 1972c: 108 (described female).
References: (ds) Alluaud 1900: 441; Fairmaire 1892b; Gemminger & Harold 1872: 2700; Nurnberg 1964: 237; Schedl 1972f: 234, 1977b: 253;

- Strohmeyer 1912c: 12, 1914c: 25. (**tx**) Browne 1972c: 108; Chapuis 1865: 183; Fairmaire 1892b; Schaufuss 1897b: 109; Schedl 1936c: 237, 1937d: 33, 39, 1960c: 31, 1961e: 156–157, 1964m: 316, 1967f: 149, 1972f: 234, 1977b: 253, 1978b: 62; Strohmeyer 1912c: 12, 1914c: 25.
- robustus Chapuis** 1865: 146. Holotype ♂; du Venezuela; BMNH, London (Schedl 1960c: 21).
Distribution: South America (Venezuela).
References: (**ds**) Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Schedl 1972f: 241; Strohmeyer 1912c: 7, 1914c: 24. (**tx**) Chapuis 1865: 146; Schedl 1960c: 21, 1972f: 241; Strohmeyer 1912c: 9, 1914c: 24.
- roppai Schedl** 1978c: 308. Holotype ♂; Brasilien, Linhares, E. Santo; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**tx**) Schedl 1978c: 308.
- rotundicauda Motschulsky** 1863: 509. Syntypes 2 ♀; des Montagnes de Nura-Ellia, syntypes labeled India Orientalis; IZM, Moscow.
Distribution: Asia (Sri Lanka).
References: (**hb**) Speyer 1923: 23. (**ds**) Gemminger & Harold 1872: 2700; Schedl 1972f: 242; Strohmeyer 1912c: 19, 1914c: 29. (**tx**) Motschulsky 1863: 509; Schedl 1972f: 242; Strohmeyer 1912c: 19, 1914c: 29.
- rufescens (Strohmeyer)** 1912f: 82 (*Crossotarsus*). Holotype ♂; Kamerun; MNB, Berlin, and Strohmeyer Collection.
Figures: Schedl 1962k: 643.
Distribution: Africa (Cameroon/ Ivory Coast/ Nigeria/ Sierra Leone/ Zaire/ Zambia).
Hosts: *Ochthocosmus africanus*, *Parinarium holstii*, *Terminalia superba*.
Notes: (1) Schedl 1972f: 223 (to *Platypus*).
References: (**ds**) Schedl 1933f: 202, 1972f: 223, 1979b: 416; Strohmeyer 1912c: 6, 1914c: 36. (**tx**) Schedl 1933f: 202, 1935g: 313–314, 1957d: 118, 120–123, 1962k: 641, 1972f: 223; Strohmeyer 1912c: 6, 1912f: 82, 85, 1914c: 36.
- elongatus Schedl** 1935g: 313 (*Stenoplatypus*).
Lectotype ♂; Belgian Congo; Sandoa, Lulua; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 27, preoccupied by Chapuis 1865.
Notes: (3) Schedl 1972f: 223 (treated as a subspecies of *rufescens*).
References: (**ds**) Schedl 1972f: 223. (**tx**) Schedl 1933f: 202, 1935g: 313–314, 1950d: 11, 1952i: 23, 1957d: 120, 123, 1959c: 168, 1962k: 642, 1972f: 223, 1978a: 27.
- rufescens parinariae Schedl** 1957d: 122. Holotype ♀; Kivu, Hembe-Bitale, 1800 m; MRCB, Teruren.
Notes: (3) Schedl 1972f: 223 (treated as a subspecies of *rufescens*).
References: (**ds**) Roberts 1968: 159, 1969: 119; Schedl 1962k: 642, 1972f: 223. (**tx**) Schedl 1957d: 120, 122–123, 1962k: 642–643, 1972f: 223, 1972p: 159, 1978a: 63.
- ochthocosmus Roberts** 1970b: 480. Holotype ♂; Sierra Leone; Gola West Forest Reserve; BMNH, London. Synonymy: Schedl 1972f: 223.
References: (**ds**) Beaver & Loytyniemi 1989. (**tx**) Beaver & Loytyniemi 1989; Roberts 1970b: 480; Schedl 1972f: 223, 1972p: 159.
- rufobrunneus Schedl** 1942a: 207. Holotype ♀; Tenasserim; Schedl Collection in NHMW, Wien.
Distribution: Asia (Burma).
References: (**ds**) Schedl 1972f: 242. (**tx**) Schedl 1942a: 207, 1972f: 242, 1978a: 63.
- rugosifrons Schedl** 1933c: 173. Holotype ♂; Brazil, S. Paulo, Alto da Serra; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil/ Venezuela).
References: (**ds**) Blackwelder 1947: 790; Schedl 1933c: 173, 1972f: 234. (**tx**) Schedl 1933c: 173, 1972f: 234, 1978a: 63; Wood, S. L. 1992a: 91.
- pretiosus Schedl** 1961i: 233. Holotype ♂; Venezuela, Mt. Duida; CAS, San Francisco. Synonymy: Wood 1992a: 91.
References: (**ds**) Schedl 1960a: 75, 1972f: 234. (**tx**) Schedl 1961i: 233, 1972a: 234, 1978a: 56; Wood, S. L. 1992a: 91.
- rucinatus Roberts** 1986: 52. Holotype ♂; Papua New Guinea; Mt. Giluwe, 2000 m; BMNH, London.
Figures: Roberts 1986: 57.
Distribution: New Guinea.
Hosts: *Nothofagus pullei*, *Vatica* sp.
References: (**tx**) Roberts 1986: 52, 57.
- sallei Chapuis** 1865: 218. Syntypes 2 ♂; de la Colombie; BMNH, London.
Distribution: South America (Colombia/ Venezuela).
References: (**ds**) Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Schedl 1972f: 219; Strohmeyer 1912c: 13, 1914c: 26. (**tx**) Chapuis 1865: 218; Schedl 1939b: 399, 1945f: 253, 1960c: 40, 1972f: 219; Strohmeyer 1912c: 13, 1914c: 26.
- salvini Blandford** 1896e: 103. Syntypes 2 ♂; Guatemala, Cerro Zumil; BMNH, London.
Figures: Blandford 1896e: pl. 4, fig. 14.
Distribution: North America (Guatemala).
References: (**ds**) Blackwelder 1947: Equihua & Atkinson 1957: 28; Schedl 1972f: 241; Strohmeyer 1914c: 24. (**tx**) Blandford 1896e: 103; Equihua & Atkinson 1957: 28; Schedl 1972f: 241; Strohmeyer 1914c: 24.
- sampsoni (Schedl)** 1933f: 202 (*Stenoplatypus*).
Lectotype ♂; South Africa, Zululand; Eshowe, and Port St. John; Pondoland; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 63.
Distribution: Africa (South Africa).

- Hosts: *Cassipourea gummiflora*, *Fagara capensis*, *Olea laurifolia*, *Virgilia capensis*.
References: (cn) Anonymous 1970c: 12, (cc) Walt & Scott 1971a; Walt, Scott, & van der Klift 1971b: 463, (hb) Browne 1961c: 221, (ds) Anonymous 1970c: 12; Schedl 1933f: 202–203, 1962k: 658, 1969d: 6, 1970h: 179, 1972f: 216, 1975k: 279, (tx) Schedl 1933f: 202–203, 1945c: 665, 1957c: 326, 1957d: 120, 1962k: 655–659, 1972f: 216.
- sandakanensis** Browne 1970: 577. Holotype ♂; Sabah: Sandakan: BMNH, London.
Distribution: Indonesia (Borneo).
References: (ds) Browne 1980c: 484, 1981b: 598; Ohno, Yoneyama, & Nakazawa 1987a: 95; Schedl 1972f: 199, (tx) Browne 1970: 577–578; Schedl 1972f: 199.
- santaeruzensis** Mutchler 1925: 233. Holotype ♂; Galapagos Islands: Seymour Bay, Indefatigable Island; AMNH, New York.
Distribution: South America (Galapagos Islands).
References: (ds) Blackwelder 1947: 790; Mutchler 1924: 232; Schedl 1972f: 234, 1974c: 52, 1975c: 293, (tx) Mutchler 1924: 232; Schedl 1972f: 234.
- santiriae** Roberts 1970: 75. Holotype ♂; Nigeria: Ngel Nyaki Forest Reserve, Mambilla Plateau, 1650 m; MRCB, Tervuren.
Distribution: Africa (Nigeria).
Hosts: *Santiria trimera*.
References: (tx) Roberts 1970: 75.
- saravakensis** (Schedl) 1937e: 546 (*Crossotarsus*). Lectotype ♂; Saravak, foot of Mt. Dulit, junction of rivers Tinjar and Lejok; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 64.
Distribution: Indonesia (Saravak in Borneo).
References: (ds) Schedl 1972f: 224, (tx) Schedl 1937e: 544–547, 1972f: 224, 1975a: 64.
- scalaris** Schedl 1950b: 188. Holotype ♂; Nth [Northern] Queensland, Australia; Schedl Collection in NHMW, Wien.
Distribution: Australia (Queensland).
Hosts: *Flindersia pubescence*.
References: (tx) Schedl 1950b: 188.
- sculptor** Schedl 1975f: 394. Holotype ♀; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 394.
- schenklingi** (Strohmeyer) 1912f: 81 (*Crossotarsus*). Syntypes ♂; Kamerun; MNB, Berlin, and Strohmeyer Collection.
Distribution: Africa (Cameroon/ Congo/ Ghana/ Ivory Coast/ Nigeria/ Sierra Leone/ Tanzania/ Uganda/ Zaïre).
Hosts: Schedl 1962k: 638–639 (15 host species listed).
Notes: (3) Schedl 1939g: 169–170 (described female).
References: (cc) Schedl 1962k: 637, (hb) Browne 1963a: 252; Schedl 1962k: 637, (ds) Browne 1963a: 252; Mayne & Donis 1960: 100, 1962: 287; Roberts 1968: 189, 1969: 119; Schedl 1961m: 85, 1962h: 63, 1962k: 637, 1108, 1964j: 42, 1972f: 223; Strohmeyer 1912c: 6, 1914c: 36, (tx) Schedl 1937d: 42, 1939g: 169–170, 1941d: 414, 1952i: 22, 1957d: 118, 120, 1962k: 637, 1972f: 223, 1975a: 64; Strohmeyer 1912c: 6, 1912f: 81–85, 1914c: 36.
- schmidti** Chapuis 1865: 150. Holotype ♂; de Cayenne; IRSNB, Brussels (Schedl 1960c: 22).
Distribution: South America (Cayenne).
References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Schedl 1972f: 241; Strohmeyer 1912c: 9, 1914c: 24, (tx) Chapuis 1865: 150; Schedl 1936c: 234, 1939b: 399, 1948d: 39–40, 1960c: 22, 1972f: 241; Strohmeyer 1912c: 9, 1914c: 24.
- schultzeanus** Schedl 1966b: 98. Syntypes ♂; Luzon, Mountain Province, Benguet, Mount Santo Tomas; W. Schultze Collection, and Schedl Collection in NHMW, Wien, automatic.
Distribution: Philippine Islands (Luzon).
References: (ds) Schedl 1966b: 98, 1972f: 200, (tx) Nobuchi 1985: 329; Schedl 1966b: 98, 1972f: 200.
- schultzei** Schedl 1935k: 481 (*Crossotarsus*). Syntypes ♂; Mountain Province, Benguet, Mount Santo Tomas; W. Schultze Collection, and Schedl Collection in NHMW, Wien, preoccupied by Strohmeyer 1911.
References: (ds) Murayama 1957a: 37; Strohmeyer 1912c: 18, (tx) Schedl 1935k: 481–482, 1940b: 435, 1966b: 98, 1972f: 200.
- scrobicularis** Roberts 1979: 95. Holotype ♂; Papua New Guinea: 5 km south-west of Onim Hut, Mount Giluwe, 2450 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Euodia* sp.
References: (tx) Roberts 1979: 95.
- secretus** Sampson 1921: 25. Syntypes ♂ ♀; Tonkin, Hoabinh; BMNH, London.
Distribution: Asia (Bangladesh/ Bhutan/ Burma/ Assam, Bengal in India/ Laos/ Malaya/ Tonkin Island in Vietnam).
Hosts: *Aesculus punduana*, *Albizia* spp., *Alphonsa ventricosa*, *Anthocephalus cadamba*, *Artocarpus fraxinifolius*, *Cinnamomum* sp., *Dalbergia assamensis*, *Diospyros* spp., *Dipterocarpus pilosus*, *Hymenodictyon excelsum*, *Lanuca grandis*, *Meliosma simplicifolia*, *Odina woderi*, *Ostodes paniculata*, *Sterculia ornata*, *Terminalia bclerica*.
References: (cn) Kleine 1932a: 310, 402; Mathur & Singh 1960b: 61, 1961a: 70, 1961b: 26; Roonwal & Singh 1954: 33, 40, (cc) Beeson 1921b: 24, (hb) Kleine 1932a: 310, 402, (ds) Beaver & Browne 1975: 308; Beeson 1921b: 24, 1941 (1961): 266; Blasin, Roonwal, & Singh 1955; Browne 1970: 576, 1972b: 29; Kleine 1932a: 310,

- 402; Mathur & Singh 1960b: 61, 1961a: 70, 1961b: 26; Roonwal 1954: 33, 40; Sampson 1921: 25; Schedl 1962f: 167, 1971c: 363, 1972a: 191, 1974c: 262, 1975c: 354. **(tx)** Browne 1964: 755, 1972b: 29; Sampson 1921: 25; Schedl 1972f: 191.
- cruditus* Schedl 1942a: 212. Lectotype ♂; Tonkin, Region de Hoa-Binh; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 28. Synonymy: Schedl 1972f: 191.
- References: **(tx)** Schedl 1942a: 212, 1972f: 191, 1978a: 28.
- secus** Wood 1972b: 248. Holotype ♂; La Carbonera Experimental Forest, 50 km W Merida, Merida, Venezuela; Wood Collection.
- Distribution: South America (Venezuela).
- Hosts: *Eschweilera* sp., *Nectandra* sp., *Podocarpus raspigliosii*.
- References: **(tx)** Wood, S. L. 1972b: 248.
- segnis** Chapuis 1865: 166. Holotype ♂; de la Nouvelle-Grenade; IRSNB, Brussels (Schedl 1960c: 27).
- Distribution: Antilles Islands (Guadeloupe), North America (Costa Rica/ Guatemala/ Chiapas, Veracruz in Mexico/ Panama), South America (Bolivia/ Brazil/ Colombia/ Peru/ Venezuela).
- References: **(cn)** Kleine 1932a: 402. **(ec)** Equihua & Atkinson 1986: 625. **(hb)** Burgos & Saucedo 1983: 46; Equihua & Atkinson 1986: 625; Kleine 1932a: 402. **(ds)** Atkinson & Equihua 1986a: 423, 1988: 104; Atkinson et al. 1986: 47; Blackwelder 1947: 790; Burgos & Saucedo 1983: 46; Equihua 1985: 144; Equihua & Atkinson 1986: 625, 1987: 29; Estrada & Atkinson 1988: 213; Gemming & Harold 1872: 2700; Kleine 1932a: 402; Numberg 1971: 59; Schedl 1966f: 94, 1972f: 234; Strohmeier 1912c: 13, 1914c: 25; Wille 1943: 315. **(tx)** Chapuis 1865: 166; Equihua & Atkinson 1987: 29; Schedl 1952h: 72, 1960c: 27, 1972f: 234; Strohmeier 1912c: 13, 1914c: 25.
- poriferus* Chapuis 1865: 168. Syntypes 2 ♂; de Toxpan; BMNH, London (Schedl 1960c: 27).
- Synonymy: Schedl 1972f: 234.
- References: **(ds)** Blackwelder 1947: 790; Blandford 1896c: 106; Ferrer 1942; Schedl 1933c: 172, 1960a: 75, 1970c: 90; Strohmeier 1912c: 12, 1914c: 25. **(tx)** Blandford 1896c: 106; Chapuis 1865: 168; Keler 1927a: 235; Schedl 1940a: 324–325, 1941e: 156, 1960c: 27, 1972f: 234; Strohmeier 1912c: 12, 1914c: 25.
- viduus* Chapuis 1865: 178. Holotype ♂; Mexico; Haag Collection or lost (Schedl 1960c: 30).
- Synonymy: Schedl 1972f: 234.
- References: **(ds)** Gemming & Harold 1872: 2700. **(tx)** Chapuis 1865: 178; Schedl 1960c: 30, 1972f: 234.
- sellaeformis** Roberts & Morimoto 1986: 178. Holotype ♂; New Guinea; Papua, Gumi, Bulolo; BMNH, London.
- Distribution: New Guinea.
- Hosts: *Cryptocarya* sp.
- References: **(tx)** Roberts & Morimoto 1986: 175.
- selysi** Chapuis 1865: 215. Syntypes 2 ♂, 1 ♀; de la Nouvelle Guinee, Dorey; BMNH, London (Schedl 1960c: 39).
- Figures: Gray & Wylie 1974: 81.
- Distribution: New Guinea.
- Hosts: *Aleurites nubuccana*, *Evodia* sp., *Herca brasiliensis*, *Horsfieldia irya*, *Lutsia* sp., *Myristica* sp., *Polyalthia* sp.
- References: **(hb)** Gray, B. 1968: 307. **(ds)** Gemming & Harold 1872: 2700; Gray, B. 1968: 307; Schedl 1962i: 73, 1964c: 305, 1964d, 1968c: 264, 1972f: 224; Smce 1964: 25; Strohmeier 1912c: 13, 1914c: 25. **(tx)** Chapuis 1865: 215; Gray, B. & Wylie 1974: 81; Schedl 1939b: 395, 1940f: 434–435, 1941c: 154, 1960c: 39, 1964d: 213, 1972f: 224; Strohmeier 1912c: 13, 1914c: 25.
- semicarinatus** Schedl 1942a: 203. Lectotype ♂; Malaya, Pahang, Cameron's Highlands; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 64.
- Distribution: Asia (Malaya).
- References: **(ds)** Browne 1961c: 195; Schedl 1972f: 206. **(tx)** Schedl 1942a: 203, 1942c: 194, 1972f: 206, 1978a: 64.
- semiernis** Schedl 1941c: 362. Syntypes ♂ ♀; Java, Mount Gede, 800 m; Kalshoven Collection, and Schedl Collection in NHMW, Wien.
- Distribution: Asia (Malaya), Indonesia (Borneo, Java).
- Hosts: *Pasania* sp.
- Notes: (1) Schedl 1978a: 65 (citation of holotype invalid).
- References: **(hb)** Kalshoven 1960c: 41. **(ds)** Browne 1961c: 218; Kalshoven 1960d: 41; Schedl 1971c: 370, 1972f: 217. **(tx)** Schedl 1941c: 362–363, 1942a: 172, 1958h: 498, 1972f: 217.
- semigrauosus** (Sampson) 1925: 2 (*Crossotarsus*). Holotype ♂; Queensland; Malanda; BMNH, London.
- Distribution: Australia (Queensland).
- Hosts: *Argyrodendron* sp., *Cinnamomum* sp., *Elacocarpus* sp., *Flindersia pubescens*, *Panax* sp.
- Notes: (3) Schedl 1980b: 189 (described female).
- References: **(cn)** Brimblecombe 1951; Froggatt 1926b, 1927. **(hb)** Brimblecombe 1951; Froggatt 1926b, 1927. **(ds)** Sampson 1925: 2; Schedl 1972f: 185, 1980b: 185. **(tx)** Sampson 1925: 2; Schedl 1936g: 516, 1972f: 185, 1980b: 189.
- semiopacus** Strohmeier 1913: 163. Holotype ♂?; Brit. New-Guinea, Aroa-Fluss; Strohmeier Collection.
- Distribution: New Guinea.
- Hosts: *Podocarpus* sp.
- References: **(ds)** Schedl 1968e: 264, 1968f: 535, 1972f: 185; Strohmeier 1914c: 29. **(tx)** Schedl 1935c: 174, 1936g: 517, 1939b: 395, 1969b: 231, 1972f: 185; Strohmeier 1913: 163, 1914c: 29.

- semisulcatus** Schedl 1969b: 231. Holotype ♂: New Guinea: Kum, 11 miles from Mt. Hagen; CSIRO, Canberra.
Distribution: New Guinea.
References: (ds) Schedl 1972f: 212. (tx) Schedl 1969b: 231, 1972f: 212, 1975a: 65.
- senexus** Wood 1966a: 66. Holotype ♂: 16 km SE Cartago on Pan-American Highway, Cartago Prov., Costa Rica, 5600 feet; Wood Collection.
Figures: Schedl 1972f: 220, Wood 1966a: 67.
Distribution: North America (Costa Rica).
References: (ds) Equihua & Atkinson 1987: 29; Schedl 1972f: 220. (tx) Equihua & Atkinson 1987: 29; Schedl 1972f: 220; Wood, S. L. 1966a: 66–67.
- sepaloidens** Roberts 1989: 251. Holotype ♂: Papua New Guinea: Upper Stony Logging Area, Bulolo, 1200 m; NHMW, Wien.
Figures: Roberts 1989: 256.
Distribution: New Guinea.
Hosts: *Castanopsis* sp.
References: (tx) Roberts 1989: 251, 256.
- sequins** Schedl 1935i: 44. Syntypes ♂: Guadeloupe, env. de Trois-Rivieres; MNHN, Paris, and Schedl Collection in NHMW, Wien.
Distribution: Antilles Islands (Guadeloupe).
Notes: (1) Schedl 1975a: 65 (type restricted to MNHN, Paris specimens).
References: (ds) Blackwelder 1947: 790; Schedl 1972f: 219. (tx) Schedl 1935i: 44, 1972f: 219, 1975a: 65.
- sericans** Schedl 1942a: 211. Lectotype ♀: Malaya, Perak, Trolak F.R.; Schedl Collection, designated by Schedl 1975a: 65.
Distribution: Asia (Malaya).
Hosts: *Vatica* sp.
References: (ds) Browne 1961c: 200; Schedl 1972f: 242. (tx) Schedl 1942a: 210–211, 1972f: 242, 1975a: 65.
- setaceus** Chapuis 1865: 234. Syntypes 2 ♂: des îles Philippines; IRSNB, Brussels (Schedl 1960c: 43).
Distribution: Philippine Islands, New Guinea.
Hosts: *Diplodiscus paniculatus*.
Notes: (3) Schedl 1935k: 484 (described female).
References: (cn) Ishikura 1966. (ds) Baer 1886; Browne 1983a: 554; Gemminger & Harold 1872: 2700; Ishikura 1966; Nobuchi 1977: 122; Olmo, Yoneyama, & Nakazawa 1987b: 90; Schedl 1966b: 98, 1972f: 191; Strohmeier 1912c: 16, 1914c: 27. (tx) Chapuis 1865: 234; Nobuchi 1985: 329; Schedl 1933e: 105, 1935k: 484–486, 1942a: 212, 1960c: 43, 1972f: 191, 1975a: 66; Strohmeier 1911b: 17, 1912c: 16, 1914c: 27.
- severini** Blandford 1894d: 136. Syntypes (many) ♀: Japan: Nikko, Chiuzenji, and Hakodate; BMNH, London.
Figures: Nakane et al. 1963: pl. 192, Nobuchi 1973b: pl. 2.
Distribution: Asia (Japan/Taiwan).
Hosts: *Acer mono*, *Aesculus turbinata*, *Alnus hirsuta*, *A. japonica*, *Camellia japonica*, *Carpinus japonicus*, *Fagus crenata*, *Fraxinus spaethiana*, *F. lamuginosa*, *Prunus* sp., *Quercus gilva*, *Tilia japonica*.
References: (ay) Korolev 1989; Nakashima 1972. (cn) Anonymous 1980g; Ishikura 1966; Kleine 1932a: 402; Uchida et al. 1958: 181. (cc) Banno, Mikata, & Kodama 1983: 445; Inouye et al. 1955: 122; Nakashima 1972. (hb) Inouye et al. 1955: 122; Kleine 1932a: 402; Murayama 1931b: 195; Nakashima 1972. (ds) Anonymous 1980g; Blandford 1894c; Ishikura 1966; Kleine 1932a: 402; Miwa 1931: 266; Murayama 1925a: 212, 1929a: 672, 1931b: 195, 1934f: 133–149, 1937c: 578, 1949c: 104, 1950b: 1299, 1954b: 188; Nakane et al. 1963: 384; Nobuchi 1967: 27, 1973b: 15; Schedl 1934f: 1647, 1972f: 199; Strohmeier 1912c: 16, 1914c: 27. (tx) Blandford 1896c: 136; Korolev 1989; Murayama 1925a: 212, 1925b: 235, 1925a: 283–284, 1950b: 1299, 1954b: 188; Nakane et al. 1963: 384, pl. 2; Niisima 1909: 171, 1910a: 5, 1913a: 5; Nobuchi 1967: 26, 1973b: 15, pl. 2; Schedl 1959d: 68, 1972f: 199; Strohmeier 1912c: 16, 1914c: 27.
- sexcostatus** Chapuis 1865: 126. Holotype ♂: du Bresil; MNHN, Paris (Schedl 1960c: 16).
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Schedl 1972f: 241; Strohmeier 1912c: 9, 1914c: 24. (tx) Chapuis 1865: 126; Schedl 1936c: 225, 1960c: 16, 1972f: 241; Strohmeier 1912c: 9, 1914c: 24.
- sexporus** (Schedl) 1935k: 484 (*Crossotarsus*). Holotype ♀; Philippines; Schedl Collection in NHMW, Wien.
Distribution: Asia (Vietnam), Indonesia (Java), Philippine Islands.
Hosts: *Castanea argentea*, *C. javanica*, *C. tunggurut*.
Notes: (1) Schedl 1954a: 138 (to *Platyypus*).
References: (ds) Schedl 1966b: 98, 1972f: 217, 1974c: 262. (tx) Beeson 1937: 93; Nobuchi 1985: 329; Schedl 1935k: 484, 1939c: 4, 1939e: 335, 1954a: 138, 1972f: 217, 1975a: 66.
- sexforaminatus** Beeson 1937: 92. Syntypes ♂ ♀: Philippine Is.; BMNH, London. Synonymy: Schedl 1939c: 4, 1972f: 335.
References: (tx) Beeson 1937: 92–94; Schedl 1939c: 4, 1939e: 335, 1972f: 217.
- sexualis** Beeson 1937: 95. Syntypes ♂ ♀: United Provinces: Chakrata division, Mandali, 6000 feet; FRI, Dehra Dun.
Distribution: Asia (Uttar Pradesh in India).
Hosts: *Quercus dilatata*.
Notes: (1) Schedl 1972f: 217 (to *Platyypus*).
References: (ds) Beeson 1941 (1961: 266); Schedl 1972f: 217. (tx) Beeson 1937: 95–96; Schedl 1939c: 4, 1972f: 217.

- seydéli (Numberg)** 1967: 326 (*Stenoplatypus*). Holotype ♂: Elisabethville [Congo]; MRCB, Tervuren. Figures: Numberg 1967b: 339. Distribution: Africa (Zaire). References: (tx) Numberg 1967b: 326, 338–339.
- shillongensis Schedl** 1969c: 66. Holotype ♂: India: Assam, Shillong, 6000 feet; FRI, Dehra Dun. Distribution: Asia (Assam in India, Malaya). Hosts: *Acer campbelli*, *Livistona jenkinsiana*. Notes: (1) None of the specimens borrowed from FRI by Schedl were ever returned to FRI; the type of this species is probably among the Schedl paratypes (SLW). (3) Beeson 1941: 345, 1961: 266 (*shillongensis*, nomen nudum, synonymy in Schedl 1969c: 66). References: (ds) Beeson 1941: 345, 1961: 266; Schedl 1972f: 189. (tx) Schedl 1969c: 66–67, 1972f: 189, 1978a: 66.
- shoreanus (Beeson)** 1937: 98 (*Crossotarsus*). Syntypes ♂ ♀: Assam: Lakhimpur division, Upper Dihing reserve; FRI, Dehra Dun. Distribution: Asia (Burma/ Cochin in China/ Assam in India/ Malaya/ Sri Lanka/ Vietnam), Indonesia (Borneo), New Guinea, Philippine Islands. Hosts: *Anisoptera cochinchinensis*, *A. polyandra*, *Balanocarpus heimii*, *Dipterocarpus zeylanicus*, *Doonia zeylanicus*, *Hopea odorata*, *Shorea assamica*, *S. bracteolata*, *S. singkawang*, *Terminalia brassii*. Notes: (1) Schedl 1972f: 224 (to *Platypus*). (3) Schedl 1936d: 7 (*imitator*, nomen nudum, synonymy in Schedl 1972f: 224). References: (cn) Mathur & Singh 1960b: 57, 1961a: 37. (ds) Beeson 1941 (1961: 266); Mathur & Singh 1960b: 57, 1961a: 37; Ohno, Yoneyama, & Nakazawa 1957a: 96; Schedl 1969c: 66, 1972f: 224. (tx) Beeson 1937: 98–99; Schedl 1972f: 224, 1978a: 66; Wylie & Yule 1977.
- doonae** Beeson 1937: 99 (*Crossotarsus*). Syntypes ♂ ♀: Ceylon: S.A.B., Ratnapura, Mawagan-kanda, 500'; FRI, Dehra Dun, not found in 1981 by SLW. Notes: Schedl 1972: 224 (treated as a subspecies). References: (ds) Beeson 1941 (1961: 265); Schedl 1959a: 513. (tx) Beeson 1937: 99–100; Schedl 1959a: 513, 1972f: 224, 1978a: 26.
- bifureus mutilus** Schedl 1939e: 359 (*Crossotarsus*). Lectotype ♂: Malaya, Selangor: Kepong; Schedl Collection in NHMW, Wien. Notes: (3) Schedl 1972f: 224 (treated as a subspecies), 1942a: 213 (described female). References: (an) Nakashima 1975: 6–8. (ce) Nakashima 1975: 6–8. (ds) Beeson 1941 (1961: 265); Browne 1961a: 314, 1966: 237; Nakashima 1975: 3; Nobuchi 1977: 117; Ohno, Yoneyama, & Nakazawa 1952b: 10; Schedl 1936d: 7, 1959c: 168, 1964i: 249, 1966g: 34, 1972a: 145, 1972f: 224. (tx) Nobuchi 1955: 329; Schedl 1939e: 359, 1942a: 207, 213, 1972f: 224, 1978a: 15; Wylie & Yule 1977.
- shoreanus tersus** Schedl 1972h: 71. Holotype ♂: Wara Sweet logging area, Kui, Morobe District, New Guinea; CSIRO, Canberra. References: (ds) Browne 1953a: 55; Schedl 1972f: 224, 1972h: 71.
- sicarius Wood** 1972b: 250. Holotype ♂: 10 km SE Miri, Barinas, Venezuela; Wood Collection. Distribution: South America (Venezuela). Hosts: *Pouteria auibaefolia*. References: (tx) Wood, S. L. 1972b: 250.
- signatus Chapuis** 1865: 235. Syntypes 3 ♂: de ile de Borneo, Sarawak; BMNH, London. Distribution: Asia (Burma/ India/ Malaya), Indonesia (Sarawak in Borneo, Java, Sumatra). Hosts: *Artocarpus lakoocha*, *Ctenolophon grandifolius*, *Endospermum malaccense*, *Gonystylus baucaanus*, *Hevea brasiliensis*, *Kickxia arborea*, *Kooupassia malaccensis*, *Lucuma malaccensis*, *Pouectia tomentosa*, *Pouteria malaccensis*, *Psychotia viridiflora*, *Schinus noronhai*, *Sterculia macrophylla*, *S. urcolata*, *Symplocos* sp., *Xylia dolabriformis*, *X. xylocarpa*. Notes: (3) Schedl 1942a: 208 (described female). References: (cn) Kalshoven 1924; Kleine 1932a: 310, 402; Mathur & Singh 1961a: 70, 1961b: 96; Roonwal 1954: 89; Yumis & Hua 1980: 217. (hb) Browne 1935a, 1941, 1961c: 196; Kalshoven 1960c: 34, 1960d: 34; Kleine 1932a: 310, 402; Mercer 1952: 210. (ds) Beeson 1941 (1961: 266); Browne 1935a, 1961c: 196, 1980c: 454; Gemminger & Harold 1872: 2700; Kalshoven 1924b: 358, 1960d: 34; Kleine 1932a: 310, 402; Mathur & Singh 1961a: 70, 1961b: 96; Mercer 1952: 210; Nobuchi 1977: 119; Roonwal 1954: 89; Sampson 1928b: 392; Schedl 1965g: 24, 1969a: 206, 1971f: 151, 1972f: 194; Strohmeier 1912c: 16, 1914c: 27; Yumis & Hua 1980: 217. (tx) Chapuis 1865: 235; Sampson 1913: 448, 1919: 106, 1928b: 392; Schedl 1937e: 544, 1939b: 398, 1939c: 337, 362–363, 1941c: 354, 1942a: 208, 1960c: 44, 1972f: 194, 1978a: 66; Strohmeier 1912c: 16, 1914c: 27.
- similis (Numberg)** 1973: 26 (*Stenoplatypus*). Holotype ♂: Massif Ruwenzori, Zalonge, 2100 m, Riv. Nyamwamba, affl. Butalm; MRCB, Tervuren. Distribution: Africa (Zaire). References: (tx) Numberg 1973: 26.
- simpliciformis Wood** 1966a: 57. Holotype ♂: Tapanti, Cartago Prov., Costa Rica, 4000 feet; Wood Collection. Distribution: North America (Costa Rica). Hosts: *Phoebe mexicana*. References: (ds) Equihua & Atkinson 1957: 29; Schedl 1972f: 206. (tx) Equihua & Atkinson 1957: 29; Schedl 1972f: 206; Wood, S. L. 1966a: 52, 57.
- simulans Schedl** 1941d: 413. Holotype ♂: Syr. [Syrien]; Schedl Collection in NHMW, Wien. Distribution: Asia (Syria/ Turkey).

- Hosts: *Abus* sp., *Liquidambar orientalis*.
References: (ds) Schedl 1961b: 185, 1972f: 191. (tx) Schedl 1941d: 413, 1961b: 186–187, 1972f: 191, 1978a: 66.
- sinodora** **Browne** 1980c: 488. Holotype ♂: Singapore to Nagoya (Japan), imported; BMNH, London.
Distribution: Asia (Malaya).
Hosts: *Sinodora* sp.
References: (tx) Browne 1980c: 488.
- sinensis** **Schedl** 1941a: 43. Holotype ♀: Fukien, Knatun, 2300 m; Museum Alexander Koenig, Bonn.
Figures: Schedl 1941a: 44.
Distribution: Asia (Fujian in China).
Notes: (1) Schedl 1978a: 67 (Lectotype designation invalid; the designation should have been a lectoallotype because a holotype already existed).
References: (ds) Schedl 1972f: 192. (tx) McNamara 1984: 750; Schedl 1941a: 43, 1953e: 22, 26, 1972f: 192, 1978a: 67.
- singalangensis** **Schedl** 1936e: 53. Syntypes ♂: Sumatra, Mte. Singalang; MCG, Genova, and Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Sumatra).
Notes: (1) Schedl 1978a: 67 (citation of holotype invalid).
References: (ds) Schedl 1972f: 193. (tx) Schedl 1936e: 53–54, 1972f: 193, 1978a: 67.
- singularis** **Schedl** 1975f: 394. Holotype ♂: Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 394.
- sinuosus** **Chapuis** 1865: 198. Holotype ♂: de Variñas [now Barinas, Venezuela]; presumably Stettin Museum, lost (Schedl 1960c: 34).
Distribution: South America (Venezuela).
References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Schedl 1972f: 234; Strohmeier 1912c: 13, 1914c: 25. (tx) Chapuis 1865: 198; Schedl 1960c: 34, 1972f: 234; Strohmeier 1912c: 13, 1914c: 25.
- sirambeensis** **Schedl** 1936e: 59. Syntypes ♂: Sumatra, Si-Rambe; MCG, Genova, and Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Sumatra).
Notes: (1) Schedl 1978a: 67 (citation of holotype invalid).
References: (ds) Schedl 1972f: 227. (tx) Schedl 1936e: 59, 1964g: 253, 1972f: 227, 1978a: 67.
- sobrinus** **Schedl** 1935h: 353. Syntypes ♂ ♀: Guatemala; Schedl Collection in NHMW, Wien.
Distribution: North America (Guatemala).
Notes: (1) Schedl 1978a: 67 (citation of holotype invalid).
References: (ds) Blackwelder 1947: 790; Equihua & Atkinson 1987: 29; Schedl 1972f: 241. (tx) Equihua & Atkinson 1987: 29; Schedl 1935h: 353, 1972f: 241, 1978a: 67.
- solicitatus** **Schedl** 1975f: 395. Holotype ♂: Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 395.
- solidulus** **Browne** 1980: 496. Holotype ♂: Palembang (Sumatra) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Sumatra).
References: (ds) Ohno, Yoneyama, & Nakazawa 1982b: 10. (tx) Browne 1980: 496.
- solidus** **Walker** 1859: 261. Holotype ♂: Ceylon; BMNH, London.
Figures: Nakashima 1975: 38–41, Nobuchi 1967: pl. 2, 1973b: pl. 2, Wood 1960a: 9.
Distribution: Asia (Burma/ Andaman Islands, Assam, Bengal, Bihar, Karnataka, Orissa, Tamil Nadu in India/ Israel/ Japan/ Korea/ Malaya/ Nepal/ Pakistan/ Singapore/ Sri Lanka/ Taiwan/ Vietnam), Admiralty Islands, Australia (Queensland), Indonesia (Aru, Borneo, Celebes, Damma, Java, Makacca, Sumatra), Micronesia (Caroline Islands, Mariana Islands), New Guinea, Philippine Islands, Solomon Islands.
Hosts: *Acacia catechii*, *Acacia decurrens*, *Acrocarpus fraxinifolia*, *Adina* spp., *Azelia palembanica*, *Albizzia* spp., *Anisoptera* sp., *Anogeissus latifolia*, *Anthocephalus cadamba*, *Artocarpus* spp., *Bombax malabaricum*, *Buchanania* spp., *Butea* spp., *Canarium strictum*, *Carallia suffruticosa*, *Carpinus laxiflora*, *Castanopsis tribuloides*, *Ceratonia siliqua*, *Chloroxylon swietenia*, *Cinnamomum* spp., *Cocos nucifera*, *Cullenia excelsa*, *Dalbergia latifolia*, *D. sissoo*, *Dipterocarpus pilosus*, *Dolichandrone stipulata*, *Drimycarpus racemosus*, *Dryobalanops oblongifolia*, *Duabanga sonneratioides*, *Elaterospermum tapos*, *Eugenia* sp., *Ficus* spp., *Garuga pinnata*, *Gmelina arborea*, *Hevea brasiliensis*, *Holoptelea integrifolia*, *Lanuca grandis*, *Litsea polyantha*, *Mallotus albus*, *Mangifera indica*, *Nauclea sessilifolia*, *Odina wodier*, *Palaquium* sp., *Pterocarpus dalbergioides*, *Pterospermum acerifolium*, *Salmalia malabarica*, *Schleichera oleosa*, *S. trijuga*, *Schima noronhae*, *S. wallichii*, *Semecarpus heterophylla*, *Shorea leprosula*, *S. robusta*, *Stereulia campanulata*, *S. villosa*, *Stereospermum chelonoides*, *Styrax benzoïn*, *Scintonia floribunda*, *Syzygium cumini*, *Talauma gioi*, *Tamarindus indica*, *Tectona grandis*, *Terminalia bellerica*, *T. tomentosa*, *Tetrameles nudiflora*.
Notes: (3) Schedl 1937d: 40 (*walkeri*, nomen nudum, synonymy in Schedl 1959a: 513).

- References: **(ay)** Kempers 1932: 69; Nakashima 1975: 5. **(bv)** Beeson 1917; Gray, B. 1974b. **(cn)** Beeson 1915, 1916: 1-5, 1938a; Browne 1935b: 77-86; Chatterjee et al. 1923, 1950; Gray, B. & Wylie 1974; Green 1912a: 2-5, 1916: 608-636; Ishikura 1966; Kalshoven 1924, 1925c: 1, 1960d: 48; Kleine 1932a: 310, 402; Leeftmans 1920: 1-90; MacKenzie 1922: 1-14; Mathur & Singh 1960a: 39, 1960b: 6, 1961a: 13, 1961b: 13; Mesa 1931: 18; Ranawera 1959: 78; Roonwal 1954: 18; Roonwal, Chatterjee, & Thapa 1961b: 7; Rutgers 1918: 1-44; Speyer 1923: 11-23; Stebbing 1914: 624; Tammimgkeng & Tantra 1971; Tryon 1917: 49-63; Wylie & Shanahan 1975. **(cc)** Beeson 1921b: 24, 1923; Bhatia 1950; Browne 1955b; Chatterjee & Chatterjee 1951; Halperin & Holzschuh 1984: 29; Mathew 1985; Nakashima 1975: 5; Stebbing 1914: 624. **(hb)** Beeson 1916a: 222, 1917, 1923, 1938a; Browne 1935a, 1941, 1955b, 1961c: 207-209; Chatterjee & Chatterjee 1951; Chatterjee et al. 1950; Gray, B. 1968: 308, 1974b; Gray, B. & Wylie 1974; Halperin & Holzschuh 1984: 29; Kalshoven 1959a: 224-226, 1960c: 39, 1960d: 1; Kleine 1932a: 310, 402; Murayama 1931b: 196; Speyer 1923: 22; Stebbing 1914: 624; Wylie & Shanahan 1975. **(ds)** Beaver & Browne 1975: 308, 1978: 620; Beeson 1916a, 1921b, 1923, 1938a, 1941 (1961: 266); Bhasin, Roonwal, & Singh 1955; Bhatia 1950; Blandford 1895a; Browne 1935a, 1961c: 207, 1966: 235, 1980d: 492, 1984c: 450; Chapuis 1865; Chatterjee & Chatterjee 1951; Chatterjee et al. 1950: 37; Cho 1957; Choo 1983: 33; Choo & Woo 1985: 163; Choo, Woo, & Kim 1981: 203; Gemminger & Harold 1872: 2700; Gray, B. 1968: 308; Green 1912a; Halperin 1976b; Halperin & Holzschuh 1984: 29; Ishikura 1966; Kalshoven 1924b: 358, 1925c: 1, 1960d: 48; Kleine 1932a: 310, 402; Ko 1969: 274; Lacordaire 1866: 392; Mathew 1982, 1987: 188; Mathur & Singh 1960a: 39, 1960b: 6, 1961a: 13, 1961b: 13; Mesa 1935: 96; Miwa 1931: 266; Murayama 1925a: 213, 1929a: 672, 1929b: 2, 1930b: 23, 1931b: 196, 1936b: 113, 1937b: 375, 1937c: 579, 1954b: 205, 1957a: 37; Nakashima 1975: 3; Nobuchi 1967: 27, 1973b: 16, 1977: 129; Numberg 1960b: 161, 1961b: 624; Ohno, Yoneyama, & Nakazawa 1982b: 11, 1987a: 96, 1987b: 90; Ohno, Yoshioka, et al. 1988b: 98, 1989: 67; Roonwal 1954: 18; Roonwal, Chatterjee, & Thapa 1961b: 7; Sampson 1919: 106, 1926: 120; Schedl 1936d: 7, 1936g: 514, 1938g: 423, 1959a: 513, 1961c: 70-71, 1962b: 187, 1962f: 167, 1962i: 75, 1964d: 213, 1965a: 340, 1965g: 23-25, 1966b: 99, 1966g: 34, 1968c: 264, 1971a: 278, 1971c: 368, 1971f: 151, 1972a: 145, 1973b: 212, 1974c: 262, 1975a: 453, 1975e: 453, 1978e: 37; Strohmeier 1912c: 17, 1914c: 27; Wood, S. L. 1960a: 7. **(tx)** Chapuis 1865: 267; Choo 1983: 33; Gardiner 1932b; Green 1912a; Kalshoven 1959a: 224; Lacordaire 1866: 392; Lea 1910: 135; Motschulsky 1863; Murayama 1925a: 213, 1925b: 235, 1930b: 23, 27-28, 31, 1937b: 375, 1950d: 98, 1954b: 205; Nakashima 1975: 38-41; Nobuchi 1967: pl. 2, 1973b: 16, pl. 2, 1985: 329; Sampson 1919: 106; Schedl 1934f: 1647, 1936e: 55-56, 1937d: 40, 1939b: 398, 1939e: 336, 1941e: 156, 1942a: 172, 199, 1942b: 147, 1942c: 164, 1951i: 96, 1953b: 124, 125, 147, 1954a: 145, 1955b: 282-283, 310, 1959a: 513, 1960c: 50, 1969b: 233; Stebbing 1914: 624; Strohmeier 1912c: 17, 1912d: 42, 1914c: 27; Walker 1859: 261; Wood, S. L. 1960a: 7-9, 1969c: 120; Wylie & Yule 1977.
- caudatus* Motschulsky 1863: 509. Syntypes 6 ♂; Nura-Ellia, specimens labeled India oriental; IZM, Moscow. Synonymy: Schedl 1959a: 513, Wood 1969c: 120.
References: **(ds)** Gemminger & Harold 1872: 2698. **(tx)** Motschulsky 1863: 509; Numberg 1959c: 168, 1961b: 624; Schedl 1959a: 513, 1960h: 110, 1972f: 199; Wood, S. L. 1969c: 120.
- cordatus* Motschulsky 1863: 510. Syntypes 4 ♀; Des Montagnes de Nura-Ellia, syntypes labeled India oriental; IZM, Moscow. Synonymy: Wood 1969c: 120.
References: **(hb)** Speyer 1923: 23. **(ds)** Gemminger & Harold 1872: 2698; Schedl 1972f: 242; Strohmeier 1912c: 19, 1914c: 28. **(tx)** Motschulsky 1863: 510; Schedl 1972f: 242; Strohmeier 1912c: 19, 1914c: 28; Wood, S. L. 1969c: 120.
- pilifrons* Chapuis 1865: 265. Syntypes 4 ♀; Du continent et de l'Archipel indiens; BMNH, London (Schedl 1960c: 50). Synonymy: Strohmeier 1912d: 42.
References: **(bv)** Beeson 1917. **(cn)** Kalshoven 1925c: 1; Kleine 1932a: 310, 402; Mathur & Singh 1961a: 45. **(hb)** Beeson 1916a: 223, 1917; Kleine 1932a: 310, 402. **(ds)** Beeson 1916a: 223; Gemminger & Harold 1872: 2699; Kalshoven 1925c: 1; Kleine 1932a: 310, 402; Lefroy & Hawlett 1909: 395; Mathur & Singh 1961a: 45; Sampson 1919: 106, 1926: 120; Strohmeier 1912c: 17. **(tx)** Beeson 1921: 24; Chapuis 1865: 265; Murayama 1930: 25; Sampson 1919: 106; Schedl 1959a: 513, 1960c: 50, 1972f: 199; Strohmeier 1912c: 17, 1912d: 42; Wood, S. L. 1960a: 8.
- solidus exilis* Chapuis 1865: 265. Syntypes, sex?; Iles Celebes et spécialement aux environs de Macassar; BMNH, London.
Notes: (3) Schedl 1972f: 199 (treated as a subspecies). An apparent aberration.
References: **(ds)** Schedl 1972f: 199. **(tx)** Chapuis 1865: 268; Schedl 1933c: 105, 1972f: 199.
- solidus obtusus* Chapuis 1865: 265. Syntypes, sex?; Ceylan; BMNH, London, preoccupied by Chapuis 1865: 265.

- Notes: (3) Schedl 1972f: 199 (treated as a subspecies). An apparent aberration.
References: (tx) Chapuis 1865: 268; Schedl 1972f: 199.
- solidus rudis* Chapuis 1865: 268. Syntypes, sex?
Hes de Baichian et de Marty dans les Moluques; BMNH, London.
Notes: (3) Schedl 1972f: 199 (treated as a subspecies). It is an apparent aberration.
References: (ds) Schedl 1972f: 199. (tx) Chapuis 1865: 268; Schedl 1972f: 199.
- solomonicus* Browne 1954b: 291. Holotype ♂; Ringi Cove (Solomon Islands) to Nagoya (Japan), imported; BMNH, London.
Distribution: Solomon Islands.
Hosts: *Nonauclea* sp.
References: (ds) Ohno, Yoshioka, et al. 1958b: 97–98, 1959: 67. (tx) Browne 1954b: 291.
- solutus* Schedl 1933f: 193. Lectotype ♂; Haut-Uele; Moto, Avakubi, Equateur; Boende, Haut-Uele; Abinva, Koteli, Sankum, Kindu, Likimi, Iuri, Mahagi, Avakubi; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 67. Figures: Schedl 1962k: 600.
Distribution: Africa (Angola/ Cameroon/ Congo/ Equatorial Guinea/ Kenya/ Malawi/ Mozambique/ Nigeria/ Sierra Leone/ Somalia/ South Africa/ Tanzania/ Zaïre/ Zambia), Madagascar.
Hosts: Many listed in Schedl 1962k: 632–634. *Ficus sycomorus*, *Melia azedarach*.
References: (cn) Halperin & Menier 1981; Mayne & Donis 1951: 337; Tordo 1957: 8. (cc) Mayne & Donis 1951: 337; Schedl 1962k: 629. (hb) Schedl 1962k: 629. (ds) Browne 1975a: 757; Ferreira 1965: 1130; Lee 1971: 30; Mayne & Donis 1960: 100, 1962: 287; Menier 1981; Roberts 1968: 188, 1969: 119; Schedl 1934a: 247, 1935d: 452, 1943c: 70, 1959p: 22, 1962k: 629, 1964f: 619, 1965e: 357, 1966c: 230, 1971e: 4, 1971g: 196, 1972f: 234, 1972k: 296, 1975: 279; Spahr 1981: 80. (tx) Powell, W. 1987: 28; Schedl 1933f: 193, 1934a: 247, 1937d: 39, 1939a: 468, 1941d: 381, 1941e: 155, 1948d: 42, 1950d: 4, 11, 14, 1952g: 54, 1952j: 5, 1953g: 243, 1955c: 31, 1955f: 260, 1962k: 600, 629, 1972f: 234, 1978a: 67.
- flavicornis* Dalman 1825: 381, 404–405. Syntypes, sex?
Sierra Leone Africae; not located, preoccupied by Fabricius 1776. Synonymy: Schedl 1972f: 234.
References: (tx) Dalman 1825: 381, 404–405; Schedl 1972f: 234.
- spectabilis* Schedl 1935b: 396. Holotype ♀; Philippine Islands; Schedl Collection in NHMW, Wien.
Distribution: Philippine Islands.
Hosts: *Dipterocarpus grandiflorus*.
References: (ds) Schedl 1935g: 424, 1966b: 100, 1972f: 192. (tx) Nobuchi 1985: 329; Schedl 1935b: 395–397, 1941a: 43, 1941c: 360, 1972f: 192, 1978a: 68.
- spectus* Wood 1972b: 247. Holotype ♂; Rancho Grande in Pittier National Park, Aragua, Venezuela; Wood Collection.
Distribution: South America (Venezuela).
References: (tx) Wood, S. L. 1972b: 247.
- spiculatus* Browne 1972b: 30. Holotype ♂; Malaya; Sungei Buloh; BMNH, London.
Distribution: Asia (Malaya).
References: (ds) Browne 1986c: 663; Ohno, Yoshioka, et al. 1989: 67. (tx) Browne 1972b: 30.
- spiniventris* Schedl 1969b: 232. Holotype ♂; New Guinea; Kum, 11 miles from Mt. Hagen; CSIRO, Canberra.
Distribution: New Guinea.
Notes: (3) Roberts 1989: 283 (described female).
References: (ds) Schedl 1972f: 227. (tx) Schedl 1969b: 232–233, 1972f: 227, 1978a: 68.
- spinosus* Browne 1981a: 135. Holotype ♂; Way Semangka (Sumatra) to Sakaide (Japan), imported; BMNH, London.
Distribution: Indonesia (Sumatra).
Hosts: *Dipterocarpus* sp.
References: (ds) Mayne & Donis 1960: 98, 1962: 276. (tx) Browne 1981a: 135.
- spinulosus* (Strohmeyer) 1912: 80 (*Stenoplatypus*). Syntypes ♂ ♀; Kamerun, Deutsch-Ostafrika und Franzosisch-Kongo; MNB, Berlin, Hamburg Museum, lost. Strohmeyer Collection.
Figures: Schedl 1962k: 646, 1972f: 214.
Distribution: Africa (Cameroon/ Congo/ Gabon/ Ghana/ Ivory Coast/ Kenya/ Nigeria/ Rwanda/ Sierra Leone/ South Africa/ Tanzania/ Uganda/ Zaïre/ Zimbabwe).
Hosts: Schedl 1962k: 646–647 listed 21 host species.
References: (ay) Strohmeyer 1918: 42. (cc) Jover 1952: 73–81; Schedl 1962k: 644. (hb) Browne 1963a: 252; Jones, Roberts, & Baker 1959: 13–14; Jover 1952: 73–81; Schedl 1962k: 644; Webb & Jones 1957: 37, 41. (ds) Browne 1963a: 252; Gardner 1957a: 29; Mayne & Donis 1960: 100, 1962: 288; Numborg 1952: 22, 1965b: 22; Roberts 1968: 189, 1969: 119; Schedl 1961m: 85, 1962h: 63, 1962k: 644, 1967e: 221, 1971e: 4, 1972e: 284, 1972f: 216, 1982: 279; Strohmeyer 1911a: 182, 1912c: 6, 1914c: 36. (tx) Numborg 1952: 22; Powell, W. 1987: 28; Schedl 1937d: 42, 1939b: 398, 1941c: 361, 1950d: 19, 1950e: 212, 1954d: 874, 1957d: 118, 120, 1962k: 644, 646, 1108, 1972f: 216; Strohmeyer 1911a: 182, 1912c: 6, 1912f: 80–82, 85, 1914c: 35–36.
- spinulosus montivagus* Roberts 1970a: 77. Holotype ♂; Nigeria; Ngel Nyaki Forest Reserve, 1650 m, Mambilla Plateau; BMNH, London.
References: (tx) Roberts 1970a: 77.
- squameus* Schedl 1942a: 200. Holotype ♂; Temaserim; Schedl Collection in NHMW, Wien.
Distribution: Asia (Burma/ Thailand), Indonesia (Borneo, Sumatra).
References: (ds) Beaver & Browne 1975: 309;

- Browne 1972b: 29; Schedl 1964c: 304, 1972f: 183. (tx) Schedl 1942a: 200, 1972f: 183, 1978a: 68.
- squamifer** Schedl 1963d: 233. Holotype ♀; Brasilien: Sao Paulo; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (ds) Schedl 1972f: 219. (tx) Schedl 1963d: 233, 1972f: 219, 1978a: 68.
- stenoplicatus** Schedl 1939c: 3. Lectotype ♂; N.E. Burma, Kambaiti, 7000 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 69.
Distribution: Asia (Burma, Fujian in China).
References: (ds) Schedl 1972f: 219. (tx) Schedl 1939c: 3, 1955h: 46, 1972f: 219, 1978a: 69.
- streuus** Schedl 1969b: 233. Holotype ♂; New Guinea: Togoba [Western Highlands District]; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Anisoptera polyandra*, *Cinnamomum* sp., *Eucalyptus grandis*.
Notes: (3) Schedl 1973i: 96 (described female).
References: (ds) Schedl 1972f: 199. (tx) Schedl 1969b: 233, 1972f: 199, 1973i: 96, 1978a: 69.
- striatodeclivis** Schedl 1975f: 396. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 396.
- striatopennis** Schedl 1952a: 463. Syntypes 2 ♂; Argentina, Misiones, Departamento Concepcion Santa Maria; Viana Collection, and Schedl Collection in NHMW, Wien.
Distribution: South America (Argentina).
Notes: (1) Schedl 1978a: 69 (citation of holotype invalid).
References: (ds) Schedl 1972f: 218. (tx) Schedl 1952a: 463, 1972f: 218, 1978a: 69.
- striatopunctatus** Schedl 1942a: 210. Holotype ♀; Borneo; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Borneo).
References: (ds) Schedl 1972f: 201. (tx) Schedl 1942a: 210, 1972f: 201, 1978a: 69.
- striatus** Chapuis 1865: 270. Holotype ♂; du Bresil; BMNH, London (Schedl 1960c: 51).
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947; Gemminger & Harold 1872: 2700; Schedl 1972f: 234; Strohmeier 1912c: 17, 1914c: 27. (tx) Chapuis 1865: 270; Schedl 1960c: 51; Strohmeier 1912c: 17, 1914c: 27.
- strigillatus** Schedl 1941c: 359. Syntypes ♂; Java, Mount Gede, 800 m; Kalshoven Collection, and Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Java).
Hosts: *Castanea javanica*.
Notes: (1) Schedl 1978a: 69 (citation of holotype invalid).
References: (hb) Kalshoven 1960c: 41. (ds) Kalshoven 1960c: 41; Schedl 1972f: 195. (tx) Schedl 1941c: 359–360, 1954a: 145, 155, 1972f: 195, 1978a: 69.
- suarifer** Schedl 1970e: 109. Holotype ♂; Brasilien, Amazonas, Sierra Neblina, M. Rio Canaburi, 1000 m; Zoologischen Sammlungen des Bayrischen Staates, Munchen.
Distribution: South America (Brazil).
References: (ds) Schedl 1970e: 87, 1972f: 241. (tx) Schedl 1970e: 87, 109–110, 1972f: 241.
- subaequalispinosus** Schedl 1936i: 100. Holotype ♂; Bolivien; Schedl Collection in NHMW, Wien.
Figures: Schedl 1972f: 225.
Distribution: South America (Bolivia/ Peru).
References: (ds) Blackwelder 1947: 790; Schedl 1972f: 225. (tx) Schedl 1936i: 100, 1955c: 1–2, 1972f: 225, 1978a: 69.
- subangustior** Schedl 1942a: 207. Lectotype ♀; Malaya, Kuala Lumpur; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 69.
Distribution: Asia (Malaya).
Hosts: *Albizia falcata*, *A. moluccana*.
References: (ds) Browne 1961c: 220; Schedl 1972f: 201. (tx) Schedl 1942a: 207, 1972f: 201, 1978a: 69.
- subcuratus** Browne 1983a: 563. Holotype ♂; Tg. Usan (West Irian) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: Watergunn log.
References: (ds) Browne 1986c: 663; Ohno, Yoneyama, & Nakazawa 1987a: 96. (tx) Browne 1983a: 563.
- subdepressus** (Schedl) 1935b: 397 (*Crossotarsus*). Syntypes ♂ ♀; Mount Maquiling, Laguna Province, and Quezon Park, Tayabas Province, Luzon, Philippine Islands; F. C. Hadden Collection, and Schedl Collection in NHMW, Wien.
Distribution: Asia (Assam in India/ Malaya), Indonesia (Borneo, Sumatra), Philippine Islands (Luzon).
Hosts: *Dipterocarpus pilosus*, *Ehretia acuminata*, *Meliosma simplicifolia*.
Notes: (1) Schedl 1978a: 70 (citation of holotype invalid).
References: (ds) Browne 1981b: 598, 1984c: 151; Nobuchi 1977: 129; Ohno, Yoneyama, & Nakazawa 1987b: 90; Schedl 1934a: 247, 1962f: 167, 1966b: 88, 1966g: 34, 1972f: 202. (tx) Nobuchi 1985: 329; Schedl 1934a: 247, 1935b: 397–398, 1935k: 481, 1937d: 34, 1939l: 394, 398, 1962f: 167, 1969c: 64, 1972f: 202, 1978a: 70.
- sandakanus** Beeson 1937: 64 (*Crossotarsus*). Holotype ♂; Borneo: Sandakan, Baker; BMNH, London. Synonymy: Schedl 1939e: 333.
Notes: (1) Schedl 1972f: 202 (to *Platypus*).
References: (tx) Beeson 1937: 64–65; Schedl 1939e: 333, 1972f: 202.
- latchunatus** Beeson 1937: 66 (*Crossotarsus*).

Holotype ♂: Assam: Sibsagar division, Central Range, Nakaohari; FRI, Dehra Dun. Synonymy: Schedl 1972f: 202.

References: (cn) Sen-Sarma & Thakur 1956: 37. (ds) Beeson 1941 (1961: 254); Browne 1961a: 314. (tx) Beeson 1937: 66–67; Browne 1962c: 654; Schedl 1972f: 202.

subgranosus Schedl 1936g: 516. Lectotype ♂: Tasmania: Waratah and Queensland: Dividing Range V; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 70.

Figures: Britton 1970: 621, Neumann & Harris 1974: 134

Distribution: Australia (Queensland, Tasmania).

Hosts: *Brachyphiton acerifolium*, *B. populaceum*, *Encalyptus maculata*, *Nothofagus cunninghamii*, *Pterocymbium beccarii*, *Scopia brownei*.

References: (bv) Elliott, H. J., Madden, & Bashford 1983; Elliott, H. J. et al. 1987. (cn) Brimblecombe 1951; Fisher 1952a; Fisher, Thompson, & Webb 1953; Kile, Elliot, & French 1976; Neumann & Harris 1974; Neumann & Marks 1976. (cc) Batra 1963a; Elliott, H. J. et al. 1987; Kile 1987; Kile & Hall 1988; Neumann & Harris 1974; Slaby 1947: 378; Webb 1945: 57. (hb) Brimblecombe 1951; Elliott & Little 19..: 49, 65; Fisher 1952a; Neumann & Harris 1974; Neumann & Marks 1976. (ds) Hogan 1948: 373; Schedl 1959d: 67–68, 1972f: 185, 1979a: 160. (tx) Britton 1970: 621; Carne et al. 1980; Neumann & Harris 1974: 134; Schedl 1936g: 516–517, 1941c: 155, 1942c: 164, 1958i: 214.

subgranulosa Browne 1955a: 194. Holotype ♂: Lawas (Sarawak) to Nagoya (Japan), imported; BMNH, London.

Distribution: Indonesia (Sarawak in Borneo).

References: (tx) Browne 1955a: 194.

subitarius Schedl 1936c: 241. Holotype ♂: Brazil, Rio de Janeiro; Schedl Collection in NHMW, Wien.

Figures: Reichardt 1964b: 57.

Distribution: North America (Costa Rica), South America (Argentina/ Brazil).

References: (ds) Blackwelder 1947: 790; Equihua & Atkinson 1987: 29; Numborg 1963c: 107, 1964a: 237; Schedl 1966f: 94, 1967d: 5, 1970e: 87, 1972f: 218, 1973d: 163, 1976a: 58, 1979e: 58. (tx) Equihua & Atkinson 1987: 29; Reichardt 1964b: 87–89; Schedl 1936c: 241, 1948f: 283, 1972f: 218, 1975a: 70.

perdifficilis Schedl 1936c: 245. Holotype ♂: Rio Grande do Sul [Brazil]; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1948f: 283. References: (ds) Blackwelder 1947: 790. (tx) Schedl 1936c: 240, 245, 1948f: 283, 1972f: 218, 1975a: 53.

subitens Browne 1983: 571. Holotype ♂: Lever Harbour (Solomon Islands) to Nagoya (Japan), imported; BMNH, London.

Distribution: Solomon Islands.

References: (ds) Olmo, Yoshioka, et al. 1985b: 95. (tx) Browne 1983a: 571.

suboblitaratus Schedl 1940c: 204. Syntypes ♂: Costa Rica, Turrialba, 800 m and San José, 1000–1200 m; Neumann Collection and Schedl Collection in NHMW, Wien.

Distribution: North America (Costa Rica).

Notes: (1) Schedl 1975a: 71 (citation of holotype invalid).

References: (ds) Equihua & Atkinson 1987: 29; Schedl 1972f: 241. (tx) Equihua & Atkinson 1987: 29; Schedl 1940c: 204, 1972f: 241, 1975a: 71.

subplicatus Schedl 1962b: 193. Holotype ♂: Indochina: Reg. de Hoa-Binh; MNHN, Paris.

Distribution: Asia (Tonkin Island in Vietnam, also Vietnam).

References: (ds) Schedl 1972f: 191. (tx) Schedl 1962b: 193, 1964c: 300, 1972f: 191, 1975a: 71.

subpraeteritus Schedl 1955g: 231. Holotype ♂: Papua, Porotop, Luth. Miss. Sawmill; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

References: (tx) Schedl 1975g: 231, 1975a: 71.

subpronus Schedl 1969b: 233. Holotype ♂: New Guinea: Watut Valley 1200 m, Morobe District; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Aglais* sp.

Notes: (3) Schedl 1975f: 396 (described female). References: (ds) Schedl 1972f: 201. (tx) Schedl 1969b: 233–234, 1972f: 201, 1975f: 396, 1975a: 71.

subsecretus Browne 1964: 755. Holotype ♂: Burma: Ruby Mines; BMNH, London.

Distribution: Asia (Burma).

References: (ds) Schedl 1972f: 191. (tx) Browne 1964: 755; Schedl 1972f: 191.

subsidarius Schedl 1935j: 2. Holotype ♂: Sumatra, Medan; Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Sumatra).

Notes: (1) Schedl 1972f: 202 (to *Platypus*).

References: (ds) Schedl 1972f: 202. (tx) Schedl 1935j: 2, 1972f: 202, 1975a: 71.

subsimilis Schedl 1936e: 54. Lectotype ♂: Mentawai, Si-Matobe and Sumatra: Siboga; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 71.

Distribution: Asia (Malaya), Indonesia (Mentawai, Sumatra).

Hosts: *Albizzia falcata*, *A. moluccana*.

References: (ds) Beeson 1941 (1961: 267); Browne 1961c: 195; Schedl 1961c: 70, 1972f: 192. (tx) Schedl 1936e: 54, 1939b: 394, 1939e: 336, 1972f: 192, 1975a: 71.

substriatus (Schedl) 1936j: 33 (*Crossotarsus*). Lectotype ♂: Malay Peninsula, Pahang; Cameron Highlands, 4500–4800 feet; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 71.

- Distribution: Asia (Malaya), Indonesia (Sumatra).
 Hosts: *Cinnamomum camphora*.
 Notes: (1) Schedl 1972f: 202 (to *Platypus*).
 References: (hb) Kalshoven 1960c: 41. (ds) Kalshoven 1960c: 41; Schedl 1965g: 23 (as *substrictus*), 1972f: 201–202. (tx) Schedl 1936j: 33, 1972f: 201–202, 1978a: 71.
- subsulcatus** Chapuis 1865: 140. Syntypes 3 ♂: de Cayenne; IRSNB, Brussels (Schedl 1960c: 20).
 Distribution: South America (Brazil/ Cayenne/ Venezuela).
 References: (ds) Blackwelder 1947: 790; Dejean 1837; Gemminger & Harold 1872: 2700; Schedl 1960a: 78, 1972f: 241, 1972g: 51, 1976a: 55. (tx) Chapuis 1865: 140; Schedl 1933c: 167, 1935e: 176, 1936c: 226, 1952a: 444, 1960c: 20, 1972f: 241; Strohmeier 1912c: 9, 1914c: 24.
- subtruncatus** Browne 1980d: 498. Holotype ♂: Wallace Bay (Borneo) to Nagoya (Japan), imported; BMNH, London.
 Distribution: Indonesia (Borneo).
 Hosts: *Nauclea* sp., *Shorea* sp.
 References: (tx) Browne 1980d: 498.
- suffodiens** Sampson 1913: 447. Syntypes ♂ ♀: Lower Burma; BMNH, London.
 Distribution: Asia (Bangladesh/ Burma/ Bengal, Tamil Nadu in India/ Malaya), Indonesia (Borneo, Java), Philippine Islands.
 Hosts: *Adina* spp., *Anthocephalus cadamba*, *Fagraea gigantea*, *Hymenodictyon excelsum*, *Nauclea sessilifolia*, *Pithecolobium saman*, *Samanca saman*, *Vateria indica*.
 References: (cn) Corbett 1935: 43–56; Kleine 1932a: 310, 402; Mathur & Singh 1960b: 61, 1961a: 17, 1961b: 69; Roomwal 1954: 36; Stebbing 1914: 621. (ec) Beeson 1921b: 25; Stebbing 1914: 621. (hb) Browne 1961c: 197–198; Kalshoven 1960d: 35; Kleine 1932a: 310, 402; Stebbing 1914: 621. (ds) Beeson 1921b: 25, 1941 (1961: 267); Browne 1961c: 197–198, 1980a: 372, 1980c: 483, 1981b: 599; Kalshoven 1960d: 35; Kleine 1932a: 310, 402; Mathur & Singh 1960b: 61, 1961a: 17, 1961b: 69; Ohno, Yoneyama, & Nakazawa 1982a: 5, 1987a: 96, 1987b: 90; Roomwal 1954: 36; Sampson 1919: 107, 1925b: 392; Schedl 1962f: 168, 1972f: 193; Strohmeier 1914c: 27. (tx) Sampson 1913: 447–448, 1919: 107, 1925b: 392; Schedl 1939e: 336–360, 1941c: 354, 1942a: 209, 1972f: 193; Stebbing 1914: 621; Strohmeier 1914c: 27.
- sulciceps** Schedl 1979g: 118. Holotype ♂: Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien.
 Distribution: New Guinea.
 References: (tx) Schedl 1979g: 118.
- sulcinodis** Schedl 1975f: 397. Holotype ♂: Mt. Kaindi, 2250 m, Morobe District; Schedl Collection in NHMW, Wien.
 Distribution: New Guinea.
- Hosts: *Castanopsis acuminatissima*, *Dysoxylum* sp.
 References: (tx) Schedl 1975f: 397.
- sulcipennis** Schedl 1976a: 91. Holotype ♂: Brasilien; Schedl Collection in NHMW, Wien.
 Distribution: South America (Brazil).
 References: (tx) Schedl 1976a: 91.
- suzukii** Browne 1981b: 605. Holotype ♂: Lawas (Sarawak, Borneo) to Tokyo (Japan), imported; BMNH, London.
 Distribution: Indonesia (Sarawak in Borneo).
 Hosts: *Shorea* sp.
 References: (tx) Browne 1981b: 605.
- tailheizanensis** (Murayama) 1932: 455 (*Crossotarsus*). Holotype ♂: Formosa; Taiheizan; Murayama Collection in USNM, Washington.
 Distribution: Asia (Taiwan).
 Hosts: *Castanopsis kawakamii*.
 Notes: (1) Schedl 1935b: 401 (to *Platypus*).
 References: (ds) Murayama 1937c: 550; Nobuchi 1967: 25; Schedl 1972f: 220. (tx) Murayama 1932: 455–456; Schedl 1935b: 401, 1939c: 4, 1941a: 44, 1972f: 220.
- takeharai** Browne 1983a: 563. Holotype ♂: Tg. Usau (West Irian) to Nagoya (Japan), imported; BMNH, London.
 Distribution: New Guinea.
 Hosts: "Matoa" log.
 References: (tx) Browne 1983a: 563.
- tasmanicus** Schedl 1942c: 192. Holotype ♂: Tasmanien; Schedl Collection in NHMW, Wien.
 Distribution: Australia (Tasmania).
 References: (ds) Schedl 1972f: 185. (tx) Schedl 1942c: 192, 1972f: 185, 1978a: 72.
- tayabasi** Schedl 1935k: 481. Holotype ♂: Luzon, Tayabas Province, Quezon Park; Schedl Collection in NHMW, Wien.
 Distribution: Asia (Andaman Islands in India/ Taiwan), Philippine Islands (Luzon, Mindanao).
 Hosts: Matoa log.
 References: (ds) Browne 1980d: 493; Ohno, Yoneyama, & Nakazawa 1987b: 90; Schedl 1966b: 101, 1972f: 202. (tx) Beeson 1937: 65; Nobuchi 1985: 329; Schedl 1935k: 481, 1972f: 202, 1972p: 159, 1978a: 72.
- lunatus** Browne 1964: 757. Holotype ♂: Philippines: Iligan, Mindanao; BMNH, London. Synonymy: Schedl 1972f: 202.
 References: (tx) Browne 1964: 757; Schedl 1972f: 202, 1972p: 159.
- lunatulus** Browne 1980d: 497. Holotype ♂: Keelung (Formosa) to Nagoya (Japan), imported; BMNH, London. Synonymy: Wood 1993:(in press).
 References: (ds) Browne 1980d: 497, 1986b: 333. (tx) Wood, S. L. 1993:(in press).

- tenellus** Schedl 1935k: 455. Syntypes ♂ ♀; Luzon, Mountain Province, Benguet, Mount Santo Tomas; W. Schultze Collection, and Schedl Collection in NHMW, Wien.
Distribution: Philippine Islands (Luzon).
Hosts: *Ficus* sp., *Pinus insularis*.
Notes: (1) Schedl 1975a: 72 (citation of holotype invalid).
References: (ds) Schedl 1966b: 101, 1972f: 191. (tx) Nobuchi 1955: 329; Schedl 1935k: 454–456, 1942c: 195, 1972f: 191, 1975a: 72.
- tennis** Murayama 1925b: 233. Holotype ♀; Sapporo, Hokkaido; Murayama Collection in USNM, Washington.
Figures: Nobuchi 1973b: pl. 2.
Distribution: Asia (Japan/ Malaya).
References: (ds) Murayama 1929a: 674, 1937c: 579, 1954b: 205; Schedl 1972f: 211. (tx) Murayama 1925b: 233, 1954b: 205; Nobuchi 1973b: pl. 2; Schedl 1934f: 1647, 1972f: 211.
- tennisculptus** Roberts 1979: 95. Holotype ♂; Papua New Guinea: 14 km south-west of Onim Hut, Mount Giluwe, 2450 m; BMNH, London.
Figures: Roberts 1979: 97.
Distribution: New Guinea.
Hosts: *Ficus* sp.
References: (tx) Roberts 1979: 95–97.
- tenuissimus** Schedl 1941b: 426. Syntypes ♂ ♀; Java: Mt. Gede, 1000 m; Kalshoven Collection and Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Java).
Hosts: *Castanea argentea*, *Eurya japonica*, *Nyssa javanica*.
Notes: (1) Schedl 1975a: 73 (citation of holotype invalid).
References: (hb) Kalshoven 1960c: 39. (ds) Kalshoven 1960d: 39; Schedl 1972f: 211. (tx) Schedl 1941b: 416–426, 1972f: 211, 1975a: 73.
- tepidus** Schedl 1942a: 210. Lectotype ♀; Lower Burma: Bhamo, Birmamia and Tenasserim, Thagata; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 73.
Distribution: Asia (Burma).
References: (ds) Schedl 1972f: 242. (tx) Browne 1972b: 29; Schedl 1942a: 210, 1972f: 242, 1975a: 73.
- terebrans** Schedl 1970b: 365. Holotype ♂; Sarawak, Lawas to Tokyo (Japan), imported; PPST, Tokyo.
Distribution: Indonesia (Borneo).
Hosts: Kapur log.
References: (ds) Nobuchi 1977: 120; Schedl 1972f: 194. (tx) Schedl 1970b: 365–369, 1972f: 194, 1975a: 73.
- terminatulus** Schedl 1971c: 396. Holotype ♂; Malaya, Kelantan; Schedl Collection in NHMW, Wien.
Distribution: Asia (Malaya).
References: (ds) Schedl 1972f: 196. (tx) Schedl 1971c: 396, 1975a: 73.
- ternus** Roberts 1986: 45. Holotype ♂; New Guinea: Papua, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Xanthophyllum papuanum*.
References: (tx) Roberts 1986: 45.
- tetracerus** Beeson 1929: 219. Holotype ♂; Samoa: Upolu, Malololelei, 2000 ft.; BMNH, London.
Distribution: Samoan Islands.
Hosts: *Planchonella samoensis*.
References: (ds) Beaver 1976b: 545; Beeson 1935b: 296; Schedl 1972f: 211. (tx) Beeson 1929: 219–220; Schedl 1941b: 416, 1951k: 141, 155, 1972f: 211, 1975a: 73.
- tiriosensis** Reichardt 1965a: 53. Holotype ♂; Brasil, Estado do Para, Tirios (Alto rio Para d'Oeste); Dep. Zool., Sec. Agric., Sao Paulo.
Distribution: South America (Brazil/ Cayenne/ Guyana/ Suriname).
Hosts: *Catostemma* sp., *Eperia falcata*, *Eschweilera sagottianum*.
References: (ds) Schedl 1972f: 229. (tx) Reichardt 1965a: 53; Schedl 1972f: 229; Wood, S. L. 1992a: 91.
schedli Wood 1966a: 51. Holotype ♂; Manaka, British Guiana; BMNH, London. Synonymy: Wood 1992a: 91.
References: (ds) Schedl 1972f: 229, 1972g: 51. (tx) Schedl 1972f: 229, 1975a: 64; Wood, S. L. 1966a: 51–52, 1992a: 91.
- torulosus** Roberts & Morimoto 1986: 179. Holotype ♂; New Guinea: Papua, Bulolo; BMNH, London.
Distribution: New Guinea.
References: (tx) Roberts & Morimoto 1986: 179.
- tragus** Schedl 1939k: 715. Holotype ♂; Brazil: Rio Negro; Schedl Collection in NHMW, Wien.
Figures: Schedl 1939k: 721 (male outline).
Distribution: South America (Brazil).
Hosts: *Hevea* sp.
References: (ds) Blackwelder 1947: 791; Schedl 1972f: 234. (tx) Schedl 1939k: 715, 1972f: 234, 1975a: 74.
- transformis** Schedl 1936d: 16. Lectotype ♂; Malay Peninsula, Selangor: Kerling Res., Pahang; Temerloh; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 74.
Distribution: Asia (Malaya/ Sri Lanka), Indonesia (Borneo), Philippine Islands.
Hosts: *Balanocarpus heimii*, *Dryobalanops aromatica*, *Shorea* spp. in living trees.
Notes: (3) Schedl 1971c: 396 (described female).
References: (hb) Browne 1936a, 1941, 1961c: 202. (ds) Beeson 1961: 267; Browne 1936a: 120–127, 1961c: 202–203; Nobuchi 1977: 132; Ohno, Yoneyama, & Nakazawa 1987a: 96; Ohno, Yoshioka, et al. 1989: 67; Schedl 1959a: 514,

- 1959c: 168, 1971c: 371, 1972f: 207. (tx) Nobuchi 1985: 329; Schedl 1936d: 16, 1959a: 514, 1971c: 396–397, 1972f: 207, 1978a: 74.
- transindicus** (Beeson) 1937: 89 (*Crossotarsus*). Syntypes ♂ ♀; Tonkin: Hoabinh: FRI, Dehra Dum. Distribution: Asia (Tonkin Island in Vietnam). Notes: (1) Schedl 1972f: 206 (to *Platypus*). (3) Schedl 1972f: 206 (treated as a subspecies of *indicus*). References: (ds) Schedl 1972f: 206. (tx) Beeson 1937: 89; Schedl 1939c: 335, 1972f: 206.
- transversecarinatus** Schedl 1942c: 199. Holotype ♀; Australien, New Queensland; Schedl Collection in NHMW, Wien. Distribution: Australia (Queensland). References: (ds) Schedl 1972f: 242. (tx) Schedl 1942c: 199, 1972f: 242, 1978a: 74.
- transversus** Schedl 1979g: 119. Holotype ♀; Papua, Bulolo, Morobe District, Upper Manki L.A.; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (tx) Schedl 1979g: 119.
- triangulatus** Browne 1954c: 454. Holotype ♂: Lever Harbour (Solomon Islands) to Nagoya (Japan), imported; BMNH, London. Distribution: Solomon Islands. Hosts: *Xanthophyllum* sp. References: (ds) Ohno, Yoshioka, et al. 1985b: 98. (tx) Browne 1954c: 454.
- tricuspidatus** Schedl 1954b: 45. Syntypes ♂; Brasilien; Schedl Collection in NHMW, Wien. Distribution: South America (Brazil). References: (tx) Schedl 1954b: 45, 1972f: 234, 1978a: 74.
- trilobipennis** Browne 1983a: 567. Holotype ♂; Sandakan (Sabah) to Nagoya (Japan), imported; BMNH, London. Distribution: Indonesia (Borneo). Hosts: "Erima" log. References: (tx) Browne 1983a: 567.
- triplurus** Browne 1980b: 388. Holotype ♂; Bangkok (Thailand) to Nagoya (Japan), imported; BMNH, London. Distribution: Asia (Thailand). Hosts: *Pterocarpus* sp. References: (tx) Browne 1980b: 388.
- trispinatus** Schedl 1970f: 584. Holotype ♂; Guyane française, Forêt d'Acarouany; Schedl Collection in NHMW, Wien. Distribution: South America (Cayenne). References: (ds) Schedl 1972f: 234. (tx) Schedl 1970f: 584, 1972f: 234, 1978a: 75.
- trispinatus** Schedl 1952a: 462. Syntypes ♂; Prov. Salta, Oran, Buenos Aires, Prov. Corrientes, Brazo Largo; Museo La Plata and Schedl Collection in NHMW, Wien. Distribution: South America (Argentina/ Brazil). Notes: (1) Schedl 1978a: 75 (citation of holotype invalid). References: (ds) Schedl 1970e: 57, 1972f: 234, 1979e: 55; Spahr 1981: 80. (tx) Schedl 1951h: 287, 1952a: 462, 1972f: 234, 1978a: 75.
- trispinosus** Chapuis 1865: 154. Holotype ♂; de Rio Janeiro, Brasil; BMNH, London (type not found by Schedl 1960c: 31). Distribution: South America (Argentina/ Brazil/ Venezuela). References: (cn) Santoro 1966a. (ds) Blackwelder 1947: 791; Gemminger & Harold 1872: 2700; Santoro 1957b: 25; Schedl 1933c: 172, 1965b: 57, 1966f: 94, 1972: 234, 1979e: 59; Strohmeier 1912c: 13, 1914c: 25. (tx) Chapuis 1865: 154; Schedl 1936i: 101, 1951h: 287, 1960c: 31, 1972f: 234, 1978a: 75; Strohmeier 1912c: 13, 1914c: 25.
- quadricuspidatus** Schedl 1948f: 283. Syntypes ♂ ♀; Brasil, Nova Teutonia; Plammann Collection and Schedl Collection in NHMW, Wien. Synonymy: Schedl 1972f: 234. Notes: (1) Schedl 1978a: 60 (citation of holotype invalid). References: (tx) de Ruelle 1970: 68; Schedl 1948f: 283, 1972f: 234, 1978a: 60.
- tristis** Roberts 1956: 49. Holotype ♂; New Guinea; Papua, Bulolo; BMNH, London. Distribution: New Guinea. Hosts: *Protium* sp. References: (tx) Roberts 1956: 49.
- truncatellus** Browne 1975: 309 in Beaver & Browne. Holotype ♂; Thailand; Nakhon Ratchasima, Khao Yai; BMNH, London. Distribution: Asia (Thailand). Hosts: Tree. References: (tx) Beaver & Browne 1975: 309.
- truncaticauda** Schedl 1968f: 536. Holotype ♂; New Guinea (NW), Bodem, 100 m, 11 km SE of Oerberferen; apparently in BPBM, Honolulu. Distribution: New Guinea. References: (ds) Schedl 1972f: 212. (tx) Schedl 1968f: 536, 1972f: 212, 1978a: 75.
- truncatigranosus** Schedl 1970a: 132. Holotype ♂; New Guinea, Porotop Lutheran Mission Sawmill, Western Highlands District; CSIRO, Canberra. Distribution: New Guinea. References: (ds) Schedl 1968f: 535, 1972f: 212. (tx) Schedl 1970a: 132, 1972f: 212, 1975f: 398, 1978a: 75.
- truncatipennis** Schedl 1964c: 302. Holotype ♂; New Guinea, Humboldt Bai; Schedl Collection in NHMW, Wien. Distribution: New Guinea. References: (ds) Schedl 1968f: 537, 1972f: 212. (tx) Schedl 1964c: 302, 1972f: 212, 1978a: 76.
- diversiporus** Schedl 1972i: 56. Holotype ♀; Papua, Western Dist., Oriomo Gov. Sta.; BPBM, Honolulu. Synonymy: Roberts 1959: 285.

- References: (ds) Schedl 1972f: 217. (tx) Schedl 1972f: 217, 1972f: 56, 1975a: 26.
- multifoveolatus* Schedl 1975f: 359. Holotype ♀: New Guinea, Madang District, Nr. 1, Ramp, Gogol.; Schedl Collection in NHMW, Wien. Synonymy: Roberts 1989: 285. References: (tx) Roberts 1989: 285; Schedl 1975f: 359.
- truncatulus* Browne in Beaver & Browne 1978: 621. Holotype ♂: Malaya, Penang, Muka Head; BMNH, London. Distribution: Asia (Malaya). Hosts: *Calophyllum tetrapterum*. References: (tx) Beaver & Browne 1978: 621.
- truncaturus* Browne 1983a: 562. Holotype ♂: Tatan (Sarawak) to Nagoya (Japan), imported; BMNH, London. Distribution: Indonesia (Sarawak in Borneo). References: (tx) Browne 1983a: 562.
- truncatus* Chapuis 1865: 269. Syntypes 2 ♂: de l'île de France (Mauritius); 1 in BMNH, London. 1 in IRSNB, Brussels. Distribution: Madagascar, Mauritius Island. References: (en) Moutia 1932: 9–12. (ds) Allnand 1900: 441; Gemminger & Harold 1872: 2700; Schedl 1972f: 234; Strohmeier 1912c: 17, 1914c: 27. (tx) Chapuis 1865: 269; Lucas 1920: 522; Schedl 1939b: 399, 1960c: 51, 1972f: 234; Strohmeier 1912c: 17, 1914c: 27. (ms) Lucas 1920: 522.
- tuberculatus* Chapuis 1865: 131. Holotype ♂: de Cayenne; IRSNB, Brussels (Schedl 1960c: 17). Figures: Mayne & Donis 1962: 289. Distribution: South America (Cayenne). Notes: (3) Schedl 1936c: 226 (described female). References: (ds) Blackwelder 1947: 791; Gemminger & Harold 1872: 2700; Schedl 1970f: 582, 1972f: 241, 1972g: 51; Strohmeier 1912c: 9, 1914c: 24. (tx) Chapuis 1865: 131; Mayne & Donis 1962: 289; Schedl 1933c: 167, 1935c: 176, 1936c: 226, 1960c: 17, 1972f: 241, 1975a: 76; Strohmeier 1912c: 9, 1914c: 24.
- tuberculosis* Strohmeier 1910e: 128. Holotype ♂: Tasmania; Strohmeier Collection. Distribution: Australia (Tasmania). References: (ds) Schedl 1972f: 199; Strohmeier 1912c: 19, 1914c: 29. (tx) Schedl 1936c: 226, 1972f: 199; Strohmeier 1910e: 128, 1912c: 19, 1914c: 29.
- tuberosus* (Schedl) 1942a: 214. Holotype ♂: Malaya, Pahang, Cameron's Highlands, 4800 Fuss; Schedl Collection in NHMW, Wien. Distribution: Asia (Malaya). References: (ds) Browne 1961c: 213; Schedl 1972f: 186. (tx) Browne 1962e: 653; Schedl 1942a: 214, 1972f: 186, 1975a: 76.
- turcius* Schedl 1970b: 366. Holotype ♂: New Guinea, Vanimo to Nagoya (Japan), imported; PPST, Tokyo. Distribution: New Guinea. References: (ds) Nobuchi 1977: 131; Schedl 1972f: 201. (tx) Schedl 1970b: 366–367, 1972f: 201, 1975a: 76.
- turriiformis* Roberts & Morimoto 1986: 180. Holotype ♂: New Guinea; Papua, Bulolo; BMNH, London. Distribution: New Guinea. Hosts: *Xanthophyllum papuanum*. References: (tx) Roberts & Morimoto 1986: 180.
- ugandae* Browne 1965a: 205. Holotype ♂: Uganda; Zika; BMNH, London. Distribution: Africa (Uganda). References: (ds) Schedl 1972f: 235. (tx) Browne 1965a: 205; Schedl 1972f: 235.
- umbonatus* Blandford 1896e: 97. Holotype ♂: Guatemala, Cerro Zamil; BMNH, London. Distribution: North America (Guatemala). References: (ds) Blackwelder 1947: 791; Equihua & Atkinson 1987: 30; Schedl 1972f: 241; Strohmeier 1912c: 9, 1914c: 24. (tx) Blandford 1896e: 97–98; Equihua & Atkinson 1987: 30; Schedl 1972f: 241; Strohmeier 1912c: 9, 1914c: 24.
- umbraticus* Schedl 1964c: 303. Holotype ♂: Java; Mt. Ardjoena; ZMA, Amsterdam. Distribution: Indonesia (Java). References: (ds) Schedl 1972f: 211. (tx) Schedl 1964c: 303–304, 1972f: 211.
- umbrinus* Roberts 1989: 283. Holotype ♂: Papua New Guinea; Gumi, Watut Logging Area, Bulolo, 2200 m; NHMW, Wien. Figures: Roberts 1989: 288. Distribution: New Guinea. Hosts: *Syzygium* sp. References: (tx) Roberts 1989: 283, 288.
- uncatus* Browne 1980c: 498. Holotype ♂: Kennedy Bay (Borneo) to Nagoya (Japan), imported; BMNH, London. Distribution: Indonesia (Borneo). Hosts: *Nauclea* sp. References: (tx) Browne 1980c: 489.
- uncinatus* Blandford 1895a: 327. Syntypes (several) ♂ ♀: Ceylon, Dikoya, Bogawantalawa; BMNH, London. Distribution: Asia (Burma/ Assam, Bengal, Karnataka, Tamil Nadu in India/ Malaya/ Sri Lanka). Hosts: *Albizia* spp., *Anogeissus latifolia*, *Bassia latifolia*, *Bombax malabaricum*, *Boswellia serrata*, *Bridelia retusa*, *Buchanania latifolia*, *Camellia sinensis*, *Castanopsis tribuloides*, *Cedrela toona*, *Cochlospermum gossypium*, *Diospyros paniculata*, *Dipterocarpus pilosus*, *Doonia zeylanica*, *Eugenia jambolana*, *Ficus glomerata*, *Gmelina arborea*, *Heritiera fomes*, *Salmalia malabarica*, *Shorea* spp., *Terminalia* spp., *Vatica lanceaefolia*. Notes: (3) Beeson 1941: 265 (*forfex*, nomen nudum, *kanarensis*, nomen nudum, synonymy in Schedl 1960c: 63).

- References: **(cn)** Kleine 1932a: 310, 402; Mathur & Singh 1960a: 7, 1960b: 17, 1961a: 13, 1961b: 26; Roonwal 1954: 45; Sen-Sarma & Thakur 1986: 37. **(cc)** Beeson 1921b; Thompson, W. R. 1943: 91. **(hb)** Kleine 1932a: 310, 402; Speyer 1923: 23. **(ds)** Beeson 1919: 1–23, 1921b: 25, 1961: 267; Bhasin, Roonwal, & Singh 1958: 17; Browne 1981b: 599; Kleine 1932a: 310, 402; Mathew 1982, 1987: 188; Mathur & Singh 1960a: 7, 1960b: 17, 1961a: 13, 1961b: 26; Ohno, Yoneyama, & Nakazawa 1982b: 11, 1987b: 90; Roonwal 1954: 45; Schedl 1959a: 515, 1969c: 63, 1971a: 281, 1971c: 362; Waterston 1922: 51–94. **(tx)** Beeson 1941: 265; Blandford 1895a: 327; Schedl 1941b: 416, 1959a: 51, 1960c: 63, 1972f: 211.
- rectangulatus* Sampson 1913: 448. Syntypes ♂ ♀; Tharrawaddy, Lower Burma; BMNH, London. Synonymy: Schedl 1972f: 221.
References: **(cn)** Kleine 1932a: 310; Mathur & Singh 1961b: 41; Stebbing 1914: 623. **(cc)** Stebbing 1914: 623. **(hb)** Kleine 1932a: 310; Stebbing 1914: 623. **(ds)** Beeson 1921: 24, 1941 (1961: 266); Kleine 1932a: 310; Mathur & Singh 1961b: 41; Schedl 1961c: 167; Strohmeier 1914c: 28. **(tx)** Mathur & Singh 1961b: 41; Sampson 1913: 448–449; Schedl 1941b: 416, 1972f: 211; Stebbing 1914: 623; Strohmeier 1914c: 28.
- uniformis* Schedl 1970: 234. Holotype ♂ ♀; New Guinea; Porotop L.M. Station, W.H.D.; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Cryptocarya* sp., *Podocarpus* sp., *Syzygium* sp.
References: **(ds)** Schedl 1972f: 185. **(tx)** Schedl 1969b: 234–235, 1972f: 185, 1978a: 77.
- ursinus* Schedl 1935h: 353. Syntypes ♂ ♀; Brazilien, S. Paulo; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica), South America (Brazil/ Cayenne).
References: **(ds)** Blackwelder 1947: 791; Schedl 1970f: 582, 1972f: 242. **(tx)** Schedl 1935h: 353–354, 1972f: 242, 1978a: 78.
- ursus* Schedl 1933c: 166. Holotype ♂; Costa Rica, Hamburgfarm, Reventazon, Ebene Limon, 200–300 m; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica).
Notes: (3) Schedl 1934e: 209 (described female).
References: **(ds)** Blackwelder 1947: 791; Equihua & Atkinson 1987: 30; Schedl 1933c: 166, 1972f: 242. **(tx)** Equihua & Atkinson 1987: 30; Schedl 1933c: 166, 1934e: 209, 1972f: 242, 1978a: 78.
- ustulatus* Chapuis 1865: 224. Syntypes ♂ ♀; du Mexique, Toxpan; 2 ♂, 1 ♀ in BMNH, London, 2 ♂, 1 ♀ in IRSNB, Brussels.
Figures: Bright 1972d: 19.
Distribution: Antilles Islands (Jamaica), North America (Costa Rica/ Guatemala/ Veracruz in Mexico), South America (Brazil/ Cayenne/ Colombia).
References: **(ds)** Blackwelder 1947: 791; Blandford 1896c: 110; Bright 1972d: 16; Equihua & Atkinson 1987: 30; Gemminger & Harold 1872: 2700; Numberg 1958a: 482, 1972b: 190; Schedl 1966f: 94, 1967d: 5, 1972f: 218, 1972g: 38, 1976a: 59; Strohmeier 1912c: 14, 1914c: 26; Sturm 1843: 231. **(tx)** Blandford 1896c: 110; Bright 1972d: 16, 19; Chapuis 1865: 224; Equihua & Atkinson 1987: 30; Numberg 1958a: 482; Schedl 1939b: 399, 1952c: 123, 1960c: 41, 1972f: 218; Strohmeier 1912c: 14, 1914c: 26.
- petersi* Chapuis 1865: 226. Syntypes ♂ ♀; du Bresil; 1 ♂, 1 ♀ in MNB, Berlin, 1 ♂ in IRSNB, Brussels. Synonymy: Schedl 1972f: 219.
References: **(ds)** Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Strohmeier 1912c: 14, 1914c: 26. **(tx)** Chapuis 1865: 226; Schedl 1937d: 33, 40, 1952a: 463, 1960c: 42, 1972f: 219; Strohmeier 1912c: 14, 1914c: 26.
- obsoletus* Chapuis 1865: 228. Syntypes ♂ ♀; de la Colombie; 1 ♂ ex typis in IRSNB, Brussels (Schedl 1960c: 42). Synonymy: Schedl 1972f: 218.
References: **(ds)** Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Numberg 1958a: 481; Strohmeier 1912c: 14, 1914c: 26. **(tx)** Chapuis 1865: 228; Numberg 1958a: 481–482; Schedl 1936c: 242, 1960c: 41–42, 1972f: 218; Strohmeier 1912c: 14, 1914c: 26.
- ustus* Schedl 1968e: 268. Holotype ♂; Okapa (Okasa), E. Highlands District; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Heritica trifolia*, *Pterocymbium beccarii*.
Notes: (3) Schedl 1969b: 235 (described female).
References: **(ds)** Schedl 1972f: 201, 1979a: 160. **(tx)** Schedl 1968e: 268, 1969b: 235, 1972f: 201, 1978a: 78; Wylie & Yule 1977.
- uter* Schedl 1968b: 236. Holotype ♂; New Guinea; Karamui, Chimbu District; CSIRO, Canberra.
Distribution: New Guinea.
Notes: (3) Schedl 1975f: 398 (described female).
References: **(ds)** Schedl 1972f: 191. **(tx)** Schedl 1968b: 236, 1972f: 191, 1975f: 398, 1978a: 78.
- utilis* (Schedl) 1939e: 360 (*Crossotarsus*). Lectotype ♂; Malaya, Perak, Trolak For. Res. and Pahang, Kemasil For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 78.
Distribution: Asia (Malaya).
Hosts: *Aporosa* (?) sp.
References: **(hb)** Browne 1941. **(ds)** Browne 1961c: 210, 1980c: 483; Schedl 1972f: 202. **(tx)** Schedl 1939e: 360, 1972f: 202, 1978a: 78.
- uvarius* Roberts 1989: 284. Holotype ♂; Papua New Guinea; Gumi, Watut Logging Area, Bulolo, 2200 m; NHMW, Wien.
Figures: Roberts 1989: 286.

- Distribution: New Guinea.
References: (tx) Roberts 1959: 254, 286.
- rafer Schedl** 1972g: 51. Holotype ♂: Brasilien, Utinga bei Belem, Para; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (ds) Schedl 1976a: 59, (tx) Schedl 1972g: 51, 1975a: 75.
- vaginerris Roberts** 1956: 51. Holotype ♂: New Guinea: Papua, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Xanthophyllum papuanum*.
References: (tx) Roberts 1956: 51.
- vagus Browne** 1953a: 565. Holotype ♂: Bintulu (Sarawak) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
Hosts: Pernalahan log.
References: (tx) Browne 1953a: 565.
- valdephlebius Roberts** 1979: 96. Holotype ♂: Papua New Guinea: 12 km south-west of Onim Hut, Mout Giluwe, 2450 m; BMNH, London.
Figures: Roberts 1979: 93 (male, head of female).
Distribution: New Guinea.
Hosts: *Schizomeria* sp.
References: (tx) Roberts 1979: 93.
- validus Schedl** 1973e: 97. Holotype ♂: New Guinea: Tann logging area, Bulolo, Morobe District; CSIRO, Canberra.
Distribution: New Guinea.
References: (tx) Schedl 1973e: 97, 1975a: 75.
- varipennis Schedl** 1965e: 269. Holotype ♂: Afaningetu, E. Highlands District; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Araucaria cunninghamii*.
References: (tx) Schedl 1965e: 269, 1972f: 201, 1975a: 75.
- vegestus Wood** 1966a: 63. Holotype ♂: Pan-American Highway 15 miles NW Cerro de la Muerte, San Jose Prov., Costa Rica, 7500 feet; Wood Collection.
Figures: Schedl 1972f: 213, Wood 1966a: 67.
Distribution: North America (Costa Rica).
Hosts: *Brucea costaricensis*.
References: (ds) Equihua & Atkinson 1957: 30; Schedl 1972f: 214, (tx) Equihua & Atkinson 1957: 30; Schedl 1972f: 213–214; Wood, S. L. 1966a: 63, 67.
- verelunatus (Beeson)** 1937: 65 (*Crossotarsus*). Holotype ♂: Middle Andaman; FRI, Dehra Dun.
Distribution: Asia (Andaman Islands in India/Vietnam).
Hosts: *Artocarpus chaplasha*, *Bassia butyracea*, *Pterocarpus dalbergioides*, *Stereulia* spp., *Terminalia mami*.
References: (cn) Mathur & Singh 1961a: 69, 1961b: 32; Roomwal 1954: 55, (ds) Beeson 1941 (1961: 257); Mathur & Singh 1961a: 69, 1961b: 32; Roomwal 1954: 55; Schedl 1972f: 202, 1974c: 262, (tx) Beeson 1937: 65–66; Schedl 1939e: 360, 1972f: 202, 1975b: 50.
- vernaeculus Schedl** 1965g: 29. Holotype ♂: O. Borneo, Mt. Tibang, 1300 und 1400 m; NHR, Stockholm.
Distribution: Indonesia (Borneo).
References: (ds) Schedl 1972f: 201, (tx) Schedl 1965g: 29, 1972f: 201, 1975a: 80.
- vesculus Schedl** 1972i: 58. Holotype ♂: New Guinea (NE), Karimui, 1000 m; BPBM, Honolulu.
Distribution: New Guinea.
References: (ds) Schedl 1972f: 191, (tx) Schedl 1972f: 191, 1972i: 58, 1975a: 80.
- vethi Strohmeier** 1913: 161. Syntypes ♂ ♀: Preanger (Java); Strohmeier Collection.
Distribution: Asia (Malaya), Indonesia (Java, Sumatra).
Hosts: *Cinnamomum camphora*, *Dalbergia latifolia*, *Dyera costulata*, *Podocarpus imbricata*, *Schima cordatus*.
Notes: (3) Schedl 1972f: 193 *suffodiens* var. *major* Sampson, nomen nudum, synonymy).
References: (cn) Browne 1968b: 572; Kalshoven 1960d: 35, (hb) Browne 1961c: 196, 1968b: 572; Kalshoven 1960c: 34, (ds) Browne 1961c: 196, 1968b: 572; Kalshoven 1960d: 35; Strohmeier 1914c: 27, (tx) Browne 1961c: 196, 1968b: 572; Kalshoven 1960d: 63; Schedl 1972f: 193; Strohmeier 1913: 161–162, 1914c: 27.
- suffodiens malayensis** Schedl 1936: 34. Holotype ♂: Malaya (Bukit Cherakashi Forest Reserve and Pahang, Memasul Forest Reserve; not given, but added as NHMW, Wien, in Schedl 1975a: 71. Synonymy: Kalshoven 1960: 63.
References: (bv) Bletchly 1961: 15, (cn) Browne & Foenander 1937: 240–254, (cc) Bletchly 1961: 15; Browne 1958b, (hb) Browne 1935a, 1958b, (ds) Beeson 1961: 265; Bletchly 1961: 15; Browne 1935a; Browne & Foenander 1937: 240–254; Schedl 1936j: 34, (tx) Browne 1949b: 910; Kalshoven 1960d: 63; Schedl 1936j: 34, 1939e: 336, 360, 1972f: 193, 1975a: 71.
- spretus** Schedl 1939e: 360. Holotype ♂: Malaya (Bukit Cherakashi Forest Reserve and Pahang, Memasul Forest Reserve; Schedl Collection in NHMW, Wien, automatic. Synonymy: Kalshoven 1960d: 63.
References: (hb) Browne 1941, (tx) Browne 1949b: 910; Kalshoven 1960d: 63; Schedl 1939e: 336, 360, 1941c: 354, 1942a: 209.
- vetulus Schedl** 1935n: 638. Lectotype ♂: Malay States: Johore North, Kluang; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 80.
Distribution: Asia (Malaya), Indonesia (Borneo, Mentawai, Sumatra).
Hosts: *Dryobalanops aromatica*.

- Notes: (3) Schedl 1936d: 14 (described female).
References: **(hb)** Browne 1941. **(ds)** Beeson 1941 (1961: 267); Browne 1961c: 196, 1981b: 599; Schedl 1965g: 24, 1971c: 370, 1971f: 151, 1972f: 193. **(tx)** Schedl 1935n: 638, 1936d: 14, 1936e: 51, 1939e: 336, 1954c: 155, 1972f: 193, 1978a: 80.
- vetustus** Schedl 1941d: 414. Holotype ♂: Belge Congo: Likimi, Gumba; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
References: **(ds)** Schedl 1972f: 223. **(tx)** Schedl 1941d: 414, 1957d: 120, 1962k: 637, 1972f: 223, 1978a: 80.
- rexans** Schedl 1972g: 82. Holotype ♂: Brasilien, Cachimbo, Para; MZUSP, Sao Paulo.
Distribution: South America (Brazil).
References: **(tx)** Schedl 1972g: 82, 1978a: 80.
- viaticus** Schedl 1974d: 470. Holotype ♀: New Guinea: Taun logging area, Bulolo, Morobe District; CSIRO, Canberra.
Distribution: New Guinea.
References: **(tx)** Schedl 1974d: 470, 1978a: 80.
- vicarius** Schedl 1975g: 232. Holotype ♀: New Guinea: Wau; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: **(tx)** Schedl 1975g: 232, 1978a: 81.
- vicius** Blandford 1896e: 104. Holotype ♂: Mexico; BMNH, London.
Figures: Blandford 1896e: pl. 4, fig. 14.
Distribution: North America (Mexico).
References: **(ds)** Blackwelder 1947: 791; Equihua & Atkinson 1957: 30; Ferrer 1942; Schedl 1972f: 206; Strohmeier 1912c: 10, 1914c: 24. **(tx)** Blandford 1896e: 104; Equihua & Atkinson 1957: 30; Schedl 1940a: 324, 1972f: 206; Strohmeier 1912c: 10, 1914c: 24.
- vitiensis** Roberts 1977b: 571. Holotype ♂: Fiji Islands: Viti Levu, 10 km N Ngaloa Village, 300 m; BMNH, London.
Distribution: Fiji Islands.
Hosts: *Agathis vitiensis*, *Burckella* sp., *Calophyllum vitiense*, *Canarium vitiense*, *Cerbera odollum*, *Cynometra insularis*, *Dacrydium elatum*, *Dysoxylum* sp., *Endospermum macrophyllum*, *Garcinia myrtifolia*, *Gonystylus punctatus*, *Maniltoa* sp., *Myristica castaneifolia*, *Palaquium hornei*, *Parinari insularum*.
References: **(ce)** Roberts 1977b: 571. **(hb)** Roberts 1977b: 571. **(ds)** Roberts 1977b: 571. **(tx)** Roberts 1977b: 571.
- votaticus** Schedl 1936j: 35. Lectotype ♂: Malay Peninsula, Pahang; Trannu, Tersang Forest Reserve, and Perak; Chenderoh; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 29.
Distribution: Asia (Malaya), Bongainville, Indonesia (Java), New Britain, New Guinea, New Ireland.
Hosts: *Diospyros* sp., *Dysoxylum* sp., *Micromcles* sp.
- Notes: (1) Schedl 1941c: 365 (raised to species rank from subspecies of *excelsus*). (3) Schedl 1941c: 365 (described female).
References: **(hb)** Browne 1961c: 213; Kalshoven 1960d: 41. **(ds)** Browne 1961c: 213; Kalshoven 1960d: 41; Schedl 1936j: 35, 1965f: 537, 1972f: 186. **(tx)** Browne 1962e: 653; Schedl 1936j: 35, 1941c: 365–366, 1972f: 186, 1978a: 29, 81.
- vonfaberi** Reichardt 1962: 336. Holotype ♂: Brasil, Estado de Matto Grosso, Xingu (lat. 12°00', long. 53°22'); DZSA, Sao Paulo.
Distribution: South America (Brazil).
References: **(ds)** Schedl 1972f: 187. **(tx)** Reichardt 1962: 336, 1964: 147; Schedl 1972f: 187.
- watbrui** Roberts 1965: 219. Holotype ♂: Nigeria: Idanre; BMNH, London.
Distribution: Africa (Nigeria/ Sierra Leone).
Hosts: *Xylopia* sp.
References: **(ds)** Roberts 1968: 189, 1969: 120; Schedl 1972f: 225. **(tx)** Roberts 1965: 219; Schedl 1972f: 225.
- watutensis** Roberts 1986: 53. Holotype ♂: New Guinea: Papua, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Xanthophyllum papuanum*.
References: **(tx)** Roberts 1986: 53.
- werberi** Schedl 1939e: 362. Syntypes ♂: Malaya, Selangor: The Gap, 2700 feet; BMNH, London.
Distribution: Asia (Malaya), Indonesia (Sumatra).
Hosts: *Myristica fragrans*.
References: **(hb)** Browne 1941; Kalshoven 1960c: 34. **(ds)** Browne 1961c: 196; Kalshoven 1960d: 34; Schedl 1972f: 194. **(tx)** Schedl 1939e: 362–363, 1941c: 354, 1955b: 102, 1972f: 194, 1978a: 81.
- westwoodi** Chapuis 1865: 236. Syntypes 2 ♂: Ile Borneo, Sarawak; BMNH, London (Schedl 1960c: 44).
Distribution: Asia (Malaya/ Thailand), Indonesia (Borneo, Java, Mentawai, Sumatra), Si-Oban Island.
Hosts: *Azadirachta bakeri*, *A. palembanica*, *Artocarpus lakoocha*, *Calophyllum* sp., *Cratogeomys arborescens*, *Dyera costulata*, *Endospermum malaccense*, *Eugenia* sp., *Ficus* sp., *Gonystylis bancanus*, *Hevea brasiliensis*, *Koompassia malaccensis*, *Lucuma malaccensis*, *Palaquium* sp., *Pouteria malaccensis*, *Sapium baccatum*, *Scaphium* sp., *Xylopia cordata*.
Notes: (3) Schedl 1936d: 14 (described female).
References: **(cn)** Ishikura 1966: Yunus & Hua 1980: 217. **(ce)** Browne 1955b. **(hb)** Browne 1935a, 1941, 1955b, 1961c: 194; Kalshoven 1960c: 34; Mercer 1952: 210. **(ds)** Beaver & Browne 1975: 309, 1978: 621; Beeson 1941 (1961: 267); Browne 1935a, 1961c: 194–195, 1972b: 29, 1980a: 371; Gemminger & Harold 1872: 2700; Ishikura 1966; Kalshoven 1924b: 358, 1960d: 34; Mercer 1952: 210; Ohno, Yoneyama, & Nakazawa 1952b: 11; Sampson 1919: 106.

- 1928b; 392; Schedl 1936d: 7, 1936j: 22, 1959c: 165, 1971f: 151, 1972f: 192; Strohmeier 1912c: 16, 1914c: 27; Yunus & Hua 1980: 217. **(tx)** Chapuis 1865: 236; Sampson 1913: 448, 1919: 106, 1928b; 392; Schedl 1936d: 14–15, 1937c: 544, 1939c: 336, 1941c: 354, 1972f: 192, 1975a: 81; Strohmeier 1912c: 16, 1914c: 27.
- wilsoni Swaine** 1916a: 98. Holotype ♀; Campbell River, British Columbia [Canada]; CNCI, Ottawa. Figures: Arnett 1960: 1029, Swaine 1916a: pls. 6–7. Distribution: North America (British Columbia in Canada/California, Idaho, Oregon, Washington in USA). Hosts: *Abies magnifica*, *Pseudotsuga menziesii*, *Tsuga heterophylla*. References: **(ay)** Chapman 1961b: 3; Farris 1969: 529; Farris & Fink 1965: 527–537; Livingston & Berryman 1972: 1799. **(bv)** Prebble & Graham 1957: 91–92; Shore & McLean 1983b. **(cn)** Chamberlin 1917: 356, 1924, 1939: 112; Doane et al. 1936; Fisher, Thompson, & Webb 1953, 1954b: 3–15; Furniss, R. L. 1937: 30; Graham 1939b; Hatch 1935: 192; Johnson 1958a: 508, 1958b: 236–240; Keen 1936: 145; Kowal 1949a: 12–13; Mathers 1935: 14; McMullan 1956: 34; Nijholt 1975a; Prebble 1944: 50; Ruppel 1967: 79; Schuder 1969: 74; Shore 1985; Silver & Ross 1960: 99, 1961: 99; Struble 1937d: 11, 1957: 14; Swaine 1914: 38, 1918a: 38; Thatcher, T. O. 1961. **(cc)** Chamberlin 1918a: 35, 1939: 112; Farris 1969: 529; Farris & Fink 1965: 929–932; Furniss, R. L. & Carolin 1977: 338; Graham 1939b; Keen 1935: 145; Roesper & French 1981; Schedl 1958d: 188; Shore 1985; Struble 1957: 14. **(hb)** Bright & Stark 1973: 10; Chamberlin 1939: 112, 1958: 33–34; DeLeon 1952; Doane et al. 1936; Ferrell 1969: 2238; Furniss, R. L. & Carolin 1977: 338; Graham 1939b; Husson 1955: 350; Johnson 1958a: 508, 1958b: 237; Keen 1935: 145; Kinney & Furniss 1943: 26–27; Nijholt 1978a; Prebble & Graham 1957: 91–92; Shore 1985; Struble 1937d: 11, 1957: 14; Swaine 1918a: 38; Thatcher, T. O. 1961; White, R. E. 1983: 326. **(ds)** Blackwelder & Blackwelder 1948; Chamberlin 1918a: 35, 1925, 1939: 112, 1958: 33–34; Currie 1905; DeLeon 1952: 78; Equihua & Atkinson 1987: 30; Furniss, R. L. & Carolin 1977: 338; Hopping 1922; Keen 1929a: 11, 1938: 145; Leng 1920: 337; Murayama 1957a: 37; Patterson & Hatch 1945: 148; Ruppel 1967: 79; Schedl 1933c: 172, 1972f: 199; Schuder 1969: 74; Shore 1985; Swaine 1914: 38; Thatcher, T. O. 1961; Wood, S. L. 1958b: 39, 1972b: 394. **(tx)** Arnett 1960: 1029, 1968: 1029; Chamberlin 1939: 112, 1958: 33–34; Equihua & Atkinson 1987: 30; Hoebeke 1978; Johnson 1958b: 237; Keen 1929a: 11; de Reutte 1970: 68; Schedl 1972f: 199; Swaine 1916a: 97–100, 1918a: 38; Wood, S. L. 1958b: 39, 1972b: 394, 1979a: 2. **(ms)** Hatch 1938: 192; Prebble 1944: 50.
- xanthopus Schedl** 1957d: 124. Holotype ♀; Congo Belge; Yangambi; MRCB, Tervuren. Figures: Schedl 1962k: 673, 1972f: 228. Distribution: Africa (Zaire). Hosts: *Xylopiia* sp. Notes: (3) Schedl 1962k: 1108 (described female). References: **(ds)** Mayne & Donis 1962: 228; Schedl 1962k: 673, 1972f: 228. **(tx)** Schedl 1957d: 124, 1962k: 673, 1108, 1972f: 228, 1975a: 81.
- xylographus Schedl** 1969a: 216. Holotype ♂; Formosa, Kaohsiung to Tokyo (Japan), imported; PPST, Tokyo. Distribution: Asia (Taiwan). Hosts: *Picca* sp., *Pinus* sp. References: **(ds)** Nobuchi 1977: 128; Schedl 1972f: 199. **(tx)** Schedl 1969a: 216, 1972f: 199, 1975a: 82.
- yasiyasi Roberts** 1977b: 560. Holotype ♂; Fiji Islands; Viti Levu, 12 km W Namulolo Village, 200 m; BMNH, London. Figures: Roberts 1977b: 561. Distribution: Fiji Islands. Hosts: *Cleistocalyx* sp., *Syzygium effusum*. References: **(bv)** Roberts 1977b: 560. **(cn)** Essig 1958: 509. **(hb)** Essig 1958: 509; Roberts 1977b: 560. **(ds)** Essig 1958: 509. **(tx)** Roberts 1977b: 560–561.

Genus *Treptoplatypus* Schedl

TREPTOPLATYPUS SCHEDL 1939b: 401. Type-species: *Crossotarsus trepanatus* Chapuis, subsequent designation by Wood 1992a: 91.

Notes: (2) Browne 1962c: 653 (treated as a synonym of *Platypus*).

References: **(tx)** Browne 1962c: 653; Schedl 1939b: 401, 1968c: 261–270, 1972f: 243–245; Wood, S. L. 1992a: 91.

circulicauda Browne 1949b: 911. Holotype ♂; Malaya; Kelantan, Bukit Besi; BMNH, London.

Distribution: Asia (Malaya), Indonesia (Borneo).

Hosts: *Diospyros* sp., *Dipterocarpus* sp.

References: **(ds)** Browne 1961c: 209, 1962c: 202, 1981b: 598; Schedl 1972f: 245. **(tx)** Browne 1949b: 911; Schedl 1972f: 245.

fischeri (Strohmeier) 1907g: 29 (*Crossotarsus*). Holotype ♀; Sumatra (Regentschaft Palembang); Strohmeier Collection.

Distribution: Indonesia (Sumatra).

Notes: (1) Schedl 1972f: 245 (to *Treptoplatypus*). References: **(ds)** Schedl 1972f: 245; Strohmeier 1912c: 5, 1914c: 35. **(tx)** Schedl 1972f: 245; Strohmeier 1907g: 29–30, 1912c: 5, 1914c: 35.

multiporus Schedl 1968e: 270. Holotype ♀; Okapa (Okasa), E. Highlands District; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Heritiera trifolia*, *Podocarpus* sp.

Notes: (1) Schedl 1975a: 46 (type restricted to CSIRO specimens).

References: **(ds)** Schedl 1972f: 245. **(tx)** Schedl 1968c: 270, 1972f: 245, 1978a: 45.

fastuosus Schedl 1969b: 226 (*Platyypus*). Holotype ♂; New Guinea: Marafunga, 2800 m; CSIRO, Canberra. Synonymy: Wood 1992a: 92.

References: **(tx)** Schedl 1969b: 226; Wood, S. L. 1992a: 92.

quadriporus Schedl 1971c: 397. Holotype ♀; China: Fukien; Schedl Collection in NHMW, Wien. Distribution: Asia (Fujian in China).

References: **(ds)** Schedl 1972f: 245. **(tx)** Schedl 1971c: 397, 1972f: 245, 1978a: 61.

subaplanatus (Schedl) 1935n: 634 (*Platyypus*). Lectotype ♂; Malay States: Selangor, Ulu Gombak, 17th mile; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 70.

Distribution: Asia (Malaya).

Hosts: Leguminosae sp.

References: **(cn)** Yunnis & Hua 1980: 217. **(hb)** Mercer 1982: 210. **(ds)** Browne 1949b: 892–912, 1961c: 209, 1962c: 202; Mercer 1982: 210; Schedl 1972f: 245; Yunnis & Hua 1980: 217. **(tx)** Schedl 1935n: 634, 1939b: 401, 1972f: 245, 1978a: 70.

taxicornis (Schedl) 1968f: 537 (*Platyypus*). Holotype ♂; New Guinea (NW), Wau, Morobe District, 1050 m; BPBM, Honolulu. Distribution: New Guinea.

Notes: (1) Schedl 1972f: 245 (to *Treptoplatyypus*). References: **(ds)** Schedl 1972f: 245. **(tx)** Schedl 1968f: 535–537, 1972f: 245, 1978a: 72.

trepanatus (Chapuis) 1865: 75 (*Crossotarsus*). Holotype ♀; Borneo (Sarawak); BMNH, London (Schedl 1960c: 9).

Figures: Schedl 1972f: 243.

Distribution: Asia (Malaya), Indonesia (Borneo). Hosts: *Eugenia* sp., *Goniystylus bancanus*, *Shorea uliginosa*.

References: **(cn)** Supriana et al. 1978. **(hb)** Browne 1961c: 209; Mercer 1982: 210. **(ds)** Browne 1961c: 209; Mercer 1982: 210; Sampson 1928b; Schedl 1972f: 245; Strohmeier 1912c: 5, 1914c: 35; Supriana et al. 1978. **(tx)** Browne 1949b: 911, 1962c: 653; Chapuis 1865: 75–76; Sampson 1928b; Schedl 1935n: 633–634, 1939b: 390, 401, 1939c: 335, 1960c: 9, 1972f: 243, 245; Strohmeier 1907g: 30, 1912c: 5, 1914c: 35; Wood, S. L. 1992b: 91.

Genus *Crossotarsus* Chapuis

CROSSOTARSUS CHAPUIS 1865: 23, 44. Type-species: *Crossotarsus wallacei* Thomson, subsequent designation by Hopkins 1914: 119.

References: **(ay)** Nobuchi 1969a: 69; Strohmeier 1918: 1–46. **(cn)** Beeson 1916: 216–223, 1918: 114–124; Browne 1936: 1; Chatterjee 1917: 1–4; Fisher, Thompson, & Webb 1954: 1–21; Hargreaves 1925: 21–28; Mayne 1917: 1–80; Munro 1928: 1–29; Smith 1932: 229–246; Yano 1919: 453–470. **(hb)** Beeson 1910: 222, 1937: 45–103,

1941: 325–335, 1961: 252–257; Browne 1941: 62–63, 1958b: 164–182, 1960: 313, 1961c: 221–229; Gardner 1932b: 1–6, 9; Kalshoven 1960d: 31–50; Schedl 1972f: 96. **(ds)** Beeson 1938: 295, 1941: 328–335, 1961: 252–257; Kleine 1931: 152, 165; Kolbe 1897: 283; Schedl 1966b: 83, 1972f: 96, 1977b: 234. **(tx)** Beeson 1937: 45–103; Blandford 1894d: 128–129, 1895b: 82, 85, 90; Browne 1950b: 649, 1955: 364, 1962c: 642, 1966: 233–257, 1972a: 187; Chapuis 1865: 22–26, 44–97, figs. 1–29; Choo 1983: 31; Choo, Woo, & Nobuchi 1988b; Hopkins 1914: 119, 136, 1915c: 188–227; Lacordaire 1866: 389–390; Murayama 1925: 201–202, 1928: 29–30, 1934: 147; Nüsimä 1909: 170; Nobuchi 1973b: 3; Numberg 1953: 46; Sampson 1923: 449; Schedl 1934f: 1647, 1935n: 633, 1936c: 43, 1937d: 33, 1939b: 401, 1959a: 515, 1960c: 5, 1972f: 96–112, 1977b: 234; Stebbing 1907: 19, 1914: 613–619; Strohmeier 1911a: 174, 1911b: 26, 1911c: 104–105, 1911d: 218, 1912c: 4–7, 1912f: 79, 1914c: 5–35.

adursus Beeson 1937: 69. Holotype ♂; Borneo: "E.I.M."; BMNH, London. Distribution: Indonesia (Borneo).

References: **(ds)** Schedl 1972f: 110. **(tx)** Beeson 1937: 69–70; Schedl 1939c: 334, 1972f: 110.

andamanus Beeson 1937: 82. Syntypes ♂ ♀; Andamans: North Andaman; FRI, Dehra Dum. Distribution: Asia (Andaman Islands in India). Hosts: *Diospyros oocarpa*, *Dipterocarpus turbinatus*, *Myristica andamanica*, *Pterocarpus dalbergioides*, *Sagraea elliptica*, *Terminalia* spp. Notes: (3) Schedl 1972f: 107 (treated as a subspecies of *squamulatus*).

References: **(cn)** Mathur & Singh 1961a: 5, 1961b: 32; Sen-Sarma & Thakur 1986: 37. **(ds)** Mathur & Singh 1961a: 5, 1961b: 32; Schedl 1972f: 107. **(tx)** Beeson 1937: 82; Schedl 1972f: 107, 1978a: 11.

arnipennis Lea 1910: 134. Holotype ♀?; N.S. Wales; Macleay Museum, not located. Distribution: Australia (New South Wales).

References: **(cn)** Froggatt 1927; Smith, J. H. 1935: 3; Tryon 1917. **(cc)** Smith, J. H. 1935: 3. **(hb)** Froggatt 1927. **(ds)** Sampson 1925: 2; Schedl 1936g: 513, 1972a: 110; Smith, J. H. 1935: 3; Strohmeier 1912c: 5, 1914c: 35. **(tx)** Beeson 1937: 72; Browne 1962c: 644; Lea 1910: 134; Sampson 1925: 2; Schedl 1939b: 400, 1939p: 285, 1942c: 165, 1972f: 110; Strohmeier 1912c: 5, 1914f: 7–8, 1914c: 35.

aruensis Beeson 1937: 54. Holotype ♀; Aru Is.: Wokan; FRI, Dehra Dum. Distribution: Indonesia (Aru Island).

References: **(ds)** Schedl 1972f: 101. **(tx)** Beeson 1937: 54–55; Schedl 1972f: 101.

aureipilus Roberts 1989: 88. Holotype ♂; New Guinea: Papua, Gumi; NHMW, Wien. Distribution: New Guinea.

- Hosts: *Aglaia* sp.
References: (tx) Roberts 1959: 55.
- barbatus** Chapuis 1865: 66. Syntypes ♂ ♀; Molucces, Ceram, Bouru; 1 ♂, 1 ♀ in BMNH, London, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 5). Distribution: Indonesia (Borneo, Buru, Ceram, Molucces), New Guinea.
Hosts: *Theobroma cacao*.
References: (ay) Strohmeier 1918: 15, (cc) Roberts 1950, (ds) Browne 1950c: 452, 1951a: 126; Gemminger & Harold 1872: 2696; Ohno, Yoshioka, et al. 1958b: 97; Sampson 1925b: 390; Schedl 1936g: 513; Strohmeier 1912c: 4, 1914c: 33, (tx) Beeson 1937: 56; Chapuis 1865: 66; Sampson 1925b: 390; Schedl 1936d: 12, 1936e: 43, 1937d: 34, 1939b: 402, 1940b: 434–435, 1955b: 282, 1960e: 5, 1972f: 103; Sharp & Muir 1912: 572; Strohmeier 1912c: 4, 1914c: 33; Wylie & Yule 1977.
- benevolus** Beeson 1937: 50. Holotype ♂; Sumbawa; BMNH, London.
Distribution: Indonesia (Sumbawa).
References: (ds) Schedl 1972f: 101, (tx) Beeson 1937: 50–51; Schedl 1972f: 101.
- biconcavus** Schedl 1962i: 76. Holotype ♂; Ned. Nieuw Guinea, Sibil Sterrengeb.; ZSSM, München. Distribution: New Guinea, New Ireland.
Hosts: *Theobroma cacao*.
Notes: (3) Schedl 1970: 221 (described female).
References: (cn) Roberts 1957; Wylie & Shanahan 1975, (hb) Roberts 1957; Wylie & Shanahan 1975, (ds) Schedl 1962i: 73, 76, 1964d: 212, 1965e: 264, 1969e: 156, 1972f: 101, (tx) Schedl 1962i: 76, 1969b: 221, 1972f: 101, 1975a: 14.
- bouvolouiri** Chapuis 1865: 55. Syntypes ♂ ♀; Camboje; 1 ♂, 1 ♀ in BMNH, London, 1 ♀ in IRSNB, Brussels (Schedl 1960).
Distribution: Asia (Cambodia/ Assam, Bengal in India/ Malaya/ Thailand), Indonesia (Celebes, Sumatra), Philippine Islands, Sunda Islands.
Hosts: *Baka linlia*, *Citrus* sp., *Cryptocarya wrightiana*, *Dysoxylum binectariferum*, *Engelhardtia spicata*, *Mesua ferrea*, *Sapinum eugeniaefolium*, *Shorea robusta*, *Terminalia bellerica*, *Vatica lancaefolia*, *Xylia xylocarpa*.
References: (bv) Beeson 1917, (cn) Beeson 1916: 1–5; Kleine 1932a: 310, 401; Mathur & Singh 1960a: 35, 1961a: 23, 1961b: 25; Roomwal 1954: 65; Sen-Sarma & Thakur 1956: 37, (cc) Beeson 1921b, 1923, (hb) Beaver & Browne 1975: 302; Beeson 1916a: 222, 1917, 1923; Browne 1961c: 224; Kleine 1932a: 310, 401, (ds) Beaver & Browne 1975: 302; Beeson 1916a, 1921b: 21, 1923, 1961: 253; Blasin, Roomwal, & Singh 1958; Browne 1961c: 55, 1950c: 484; Gemminger & Harold 1872: 2696; Kleine 1932a: 310, 401; Lacordaire 1866: 389; Mathur & Singh 1960a: 35, 1961a: 23, 1961b: 25; Roomwal 1954: 65; Schedl 1969c: 55, 1972f: 101; Strohmeier 1911f: 203, 1912c: 4, 1914c: 33, (tx) Beeson 1937: 50–53; Chapuis 1865: 55; Lacordaire 1866: 389; Schedl 1937d: 33, 1960c: 6, 1972f: 101; Strohmeier 1912c: 4, 1914c: 33.
- brevidens** Browne 1975: 302 in Beaver & Browne. Holotype ♂; Thailand; Chiang Mai, Doi Pui, 1450 m; BMNH, London.
Distribution: Asia (Thailand).
Hosts: *Quercus* sp.
References: (tx) References: Beaver & Browne 1975: 302–303.
- brownei** Schedl 1936d: 12. Lectotype ♂; Malay Peninsula, Pahang; Rotan Tinggal For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 17.
Distribution: Asia (Malaya), Indonesia (Borneo).
Hosts: *Dacryodes rostrata*, *Elateriospermum tapos*, *Gluta elegans*, *Mangifera* sp., *Melanorrhoea curtisii*, *Shorea leprosula*.
Notes: (3) Schedl 1942a: 199 (described female).
References: (cc) Browne 1955b, (hb) Beaver & Browne 1975: 615; Browne 1935a, 1941, 1955b, 1961c: 224; Yunis & Hua 1980: 216, (ds) Beaver & Browne 1975: 615; Beeson 1961: 253; Browne 1935a, 1949b, 1961a: 316, 1961c: 224; Schedl 1972f: 103, (tx) Browne 1949b, 1955: 365; Schedl 1936d: 12–13, 1942a: 199, 1950g: 894, 1972f: 103, 1975a: 17.
- desectus** Beeson 1937: 58. Holotype ♂; Borneo; Kuching; BMNH, London. Synonymy: Browne 1955: 365.
References: (tx) Beeson 1937: 58; Browne 1955: 365; Schedl 1972f: 103.
- caliginosus** Roberts 1979: 51. Holotype ♂; Papua New Guinea; 12 km south-west of Onim Hut, Mount Giluwe, 2900m; BMNH, London.
Distribution: New Guinea.
Hosts: *Quintinia* sp.
References: (tx) Roberts 1979: 51.
- chaleographus** Schedl 1972h: 64. Holotype ♂; New Guinea; Kulolo logging area, Wau, Morobe District; CSIRO, Canberra.
Distribution: Australia, New Guinea.
Hosts: *Calophyllum inophyllum*, *Castanopsis acuminatissima*, *Pasania aspericupula*.
Notes: (1) Five localities are given with no indication of which one is the type locality.
References: (ds) Schedl 1972f: 103, 1950b: 184, (tx) Schedl 1972f: 103, 1972h: 64, 1975a: 19.
- cheesmani** Schedl 1935f: 275. Lectotype ♂; Papua; Mt. Tafa, 5500 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 19.
Distribution: New Britain Island, New Guinea.
References: (ds) Schedl 1968f: 535, 1972f: 110, (tx) Schedl 1935f: 275, 1935j: 2, 1940b: 434, 1972f: 110, 1975a: 19.
- cincinatus** Chapuis 1865: 57. Syntypes 4 ♀; Borneo (Sarawak); BMNH, London.

Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo, Sumatra).

Hosts: *Coccoceras* sp.

Notes: (3) Schedl 1935n: 639 (described male).

References: (hb) Browne 1935a, 1941. (ds) Beeson 1937, 1941 (1961: 253); Browne 1935a; Gemminger & Harold 1872: 2696; Sampson 1925a: 3, 1925b: 389; Schedl 1936d: 6, 1960c: 6, 1966b: 83, 1972f: 102; Strohmeier 1911f: 203, 1912c: 4, 1914c: 33. (tx) Beeson 1937: 54, 56; Browne 1962c: 214; Chapuis 1865: 57; Nobuchi 1985: 32S; Sampson 1919: 105, 1925a: 3, 1925b: 389; Schedl 1935n: 639, 1939e: 333, 1952b: 385, 1960c: 6, 1972f: 102; Strohmeier 1912c: 4, 1914c: 33.

penicillatus Chapuis 1865: 64. Holotype ♂; Borneo (Sarawak); BMNH, London (Schedl 1960c: 7). Synonymy: Browne 1962c: 214.

References: (ds) Gemminger & Harold 1872: 2697; Sampson 1919: 105, 1925b: 389; Strohmeier 1912c: 4, 1914c: 33. (tx) Beeson 1937: 54, 56; Browne 1962c: 214; Chapuis 1865: 64; Sampson 1919: 105, 1925b: 389; Schedl 1960c: 7, 1972f: 214; Strohmeier 1912c: 4, 1914c: 33.

cinnamomi Beeson 1937: 97. Syntypes ♂; Bengal: Kalimpong division, Samsingh, 1800 m; FRI, Dehra Dun.

Distribution: Asia (Assam, Bengal, Uttar Pradesh in India).

Hosts: *Cinnamomum cecidodaphne*, *Ilex dipyrrena*.

References: (cn) Mathur & Singh 1960b: 63. (ds) Beeson 1941 (1961: 253); Bhasin, Roonwal, & Singh 1958; Mathur & Singh 1960b: 63; Schedl 1969c: 55, 1972f: 110. (tx) Beeson 1937: 97–98; Schedl 1972f: 110, 1975a: 19.

cliens (Schedl) 1964g: 253 (*Platypus*). Holotype ♂; Sarawak, Merurong Plateau, 2350 ft.; BMNH, London.

Figures: Schedl 1972f: 110.

Distribution: Indonesia (Sarawak in Borneo).

Hosts: *Santiria* sp.

References: (ds) Browne 1980a: 372; Schedl 1972f: 111. (tx) Browne 1962c: 644; Schedl 1964g: 242, 253, 1972f: 110–111, 1975a: 20.

comatus Chapuis 1865: 59. Holotype ♀; Celebes (Macassar); BMNH, London (Schedl 1960c: 7).

Distribution: Asia (Malaya), Indonesia (Celebes), Philippine Islands.

References: (cn) Mesa 1931: 18. (hb) Browne 1935a. (ds) Beeson 1941 (1961: 253); Browne 1935a; Gemminger & Harold 1872: 2696; Numburg 1964a: 237; Schedl 1966b: 83, 1972f: 102; Strohmeier 1912c: 4, 1914c: 33. (tx) Beeson 1937: 55; Chapuis 1865: 59; Nobuchi 1985: 32S; Schedl 1960c: 7, 1972f: 102; Strohmeier 1911b: 26, 1912c: 4, 1914c: 33.

concarifrons Schedl 1935b: 399. Syntypes ♀; Philippine Islands; Hamburg Museum, lost, and Schedl Collection in NHMW, Wien.

Distribution: Philippine Islands.

References: (ds) Schedl 1966b: 83, 1972f: 112. (tx) Nobuchi 1985: 32S; Schedl 1935b: 398–399, 1972f: 112.

concinus Blandford 1894c: 578. Holotype ♀; Japan: Higo; BMNH, London, automatic.

Distribution: Asia (Japan/Taiwan).

References: (ds) Blandford 1894c: 578; Murayama 1929a: 675, 1937c: 582, 1954b: 205; Nobuchi 1973b: 5; Schedl 1972f: 100; Strohmeier 1912c: 4, 1914c: 34. (tx) Lucas 1920: 209; Murayama 1925b: 235, 1954b: 205; Nobuchi 1973b: 5; Schedl 1934f: 1647, 1939b: 402, 1972f: 100; Strohmeier 1912c: 4, 1914c: 34. (ms) Lucas 1920: 209.

chapuisi Blandford 1894d: 129. Holotype ♀; Japan: Higo; BMNH, London, preoccupied by Duxivier 1891.

References: (tx) Blandford 1894d: 129, 1894c: 578.

coniferae Stebbing 1906: 411. Syntypes ♂ ♀; North-West Himalayas: Tehri Garhwal forest; FRI, Dehra Dun.

Distribution: Asia (Kashmir, Punjab, Uttar Pradesh in India).

Hosts: *Cedrus deodara*, *Picea morinda*.

References: (cn) Kleine 1932a: 310, 401; Roonwal 1954: 12; Stebbing 1914: 613. (cc) Beeson 1921b; Stebbing 1914: 613. (hb) Beeson 1916: 222; Kleine 1932a: 310, 401; Stebbing 1905a: 112, 1911a: 66, 1914: 613. (ds) Beeson 1921b: 21, 1961: 253; Bhasin, Roonwal, & Singh 1955; Kleine 1932a: 310, 401; Roonwal 1954: 12; Schedl 1969c: 56, 1972f: 104; Strohmeier 1912c: 5, 1914c: 35. (tx) Schedl 1972f: 104; Stebbing 1906: 411–413, 1910: 66, 1914: 613; Strohmeier 1912c: 5, 1914c: 35.

corrugatus Roberts 1989: 58. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; NHMW, Wien.

Distribution: New Guinea.

Hosts: *Aglaiia* sp.

References: (tx) Roberts 1989: 58.

coxalis Schedl 1970a: 129. Holotype ♂; New Guinea, Porotop, Lutheran Mission Sawmill, Western Highlands District; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Nothofagus* sp., *Podocarpus* sp., *Syzygium* sp.

References: (bv) Gray, B. 1974b. (hb) Gray, B. 1974b. (ds) Schedl 1972f: 103. (tx) Schedl 1970a: 129–130, 1972f: 103, 1975a: 22.

dammanus Beeson 1937: 63. Holotype ♂; Damma Is., 92–20, 5944; BMNH, London.

Distribution: Indonesia (Damma, Moluccas).

Hosts: "Canari" log.

Notes: Browne 1981b: 606 (described female).

References: (ds) Schedl 1972f: 109. (tx) Beeson 1937: 63–64; Browne 1981b: 606; Schedl 1972f: 109.

- decliviornatus** (Schedl) 1942a: 205 (*Platypus*).
 Lectotype ♂: Malaya, Perak, Trolak F.R.; Schedl
 Collection in NHMW, Wien, designated by
 Schedl 1975a: 23.
 Distribution: Asia (Malaya).
 Hosts: Rubiaceae sp., *Castanopsis sumatrana*.
 Notes: (1) Browne 1962e: 643 (to *Crossotarsus*).
 References: (ds) Browne 1961c: 229; Schedl 1972f:
 106. (tx) Browne 1962e: 643; Schedl 1942a: 205,
 1972f: 106, 1975a: 23.
- denticulus** Browne 1954f: 57. Holotype ♂: New
 Guinea: Morobe District, Wau, Kumi Creek, 1500
 m; BMNH, London.
 Distribution: New Guinea.
 References: (tx) Browne 1954f: 57.
- denturus** Browne 1954f: 55. Holotype ♂: New
 Guinea: Morobe District, Mount Kaiandi, 2350 m;
 BMNH, London.
 Distribution: New Guinea.
 Hosts: *Nothofagus* sp.
 References: (tx) Browne 1954f: 55.
- derosus** Schedl 1935j: 2. Holotype ♂: Sumatra,
 Medan; Schedl Collection in NHMW, Wien.
 Distribution: Indonesia (Java, Sumatra).
 References: (ds) Schedl 1972f: 104. (tx) Beeson
 1937: 77; Schedl 1935j: 2, 1938g: 422, 1972f: 104,
 1975a: 24.
- dolus** Schedl 1975f: 373. Holotype ♂: Upper Manki
 logging area, Bulolo, Morobe District, New
 Guinea; Schedl Collection in NHMW, Wien.
 Distribution: New Guinea.
 References: (tx) Schedl 1975f: 373.
- edentatus** Beeson 1937: 90. Holotype ♂: Java: Mt.
 Preanger, 1400 m; Buitenzorg Museum.
 Distribution: Indonesia (Java).
 Hosts: *Schima noronhai*.
 References: (ds) Kalshoven 1960d: 36; Schedl
 1972f: 112. (tx) Beeson 1937: 90; Schedl 1972f: 112.
- emancipatus** Murayama 1934f: 138. Syntypes ♂ ♀;
 Kinshu; Murayama Collection in USNM, Wash-
 ington.
 Figures: Nobuchi 1973b:pl. 1.
 Distribution: Asia (Japan/Taiwan).
 Hosts: *Actinodaphne longifolia*, *Castanopsis*
cuspidata, *Clochidion hongkongense*, *Lindera*
erythrocarpa, *Machilus thunbergii*, *Mallotus*
japonicus, *Pasania cuspidata*, *Quercus salicina*.
 References: (cn) Kleine 1932a: 401. (hb) Kleine
 1932a: 401. (ds) Kleine 1932a: 401; Murayama
 1934f: 138, 1936a: 140, 1937c: 582, 1954b: 206,
 1955: 100; Nobuchi 1967: 25, 1973b: 5, 1977:
 106; Schedl 1972f: 106. (tx) Beeson 1937: 84;
 Murayama 1928a: 288, 1934f: 138, 1936a: 140,
 1954b: 206, 1955: 100-101; Nobuchi 1973b: 5, pl.
 1; Schedl 1972f: 106.
- emorsus** Beeson 1937: 87. Syntypes ♂ ♀: Burma:
 Katha division, Molmyin reserve; FRI, Dehra Dun.
 Distribution: Asia (Burma), Indonesia (Borneo).
 Hosts: *Bauhinia malabarica*, *Careya arborea*,
Sterculia ornata, *Tectona grandis*, *Xylocopa*
dolabriformis.
 Notes: (3) A male type is labeled in the FRI
 Collection (SIW).
 References: (cn) Mathur & Singh 1961a: 70,
 1961b: 13. (ds) Beeson 1941 (1961: 253); Bhasin,
 Roonwal, & Singh 1958; Mathur & Singh 1961a:
 70, 1961b: 13; Schedl 1972f: 107. (tx) Beeson
 1937: 87-88; Schedl 1939e: 335, 1972f: 107.
- externedentatus** (Fairmaire) 1849: 78 (*Platypus*).
 Holotype ♂: Taïti, M. Vesco; MNHN, Paris.
 Figures: Nobuchi 1967:pl. 2, 1973b:pl. 1, Wood
 1960a: 7-8.
 Distribution: Africa (Mauritius Island/ Seychelles
 Islands/ South Africa/ Tanzania), Asia (Burma/
 Andaman Islands, Assam, Bengal, Karnataka,
 Tamil Nadu in India/ Japan/ Malaya/ Sri Lanka/
 Taiwan/ Thailand/ Tonkin Island in Vietnam), Aus-
 tralia (W Australia), Bismarek Islands, Fiji Islands,
 Hawaiian Islands, Indonesia (Borneo, Celebes,
 Java, Sumatra), Madagascar, Mangareva, Micro-
 nesia (Caroline Islands, Cook Islands, Kiribati
 Islands, Palau), Moorea Island, New Zealand,
 Niue Island, Philippine Islands (Luzon), Raoul
 Island, Samoan Islands, Society Islands, Tahiti.
 Hosts: Anonymous 1970c, Beeson 1937: 73, 1941
 (1961: 254-255) (many hosts listed), Browne
 1961c (many hosts listed), Schedl 1962: 678-680
 (41 host species listed), *Bauhinia* sp., *Buchanania*
 spp., *Butea monosperma*, *Canarium euphyllum*,
Cassia spp., *Castanopsis cuspidata*, *C. tribuloides*,
Casuarina equisetifolia, *Cedrela odorata*,
Cinnamomum camphora, *Cryptomeria japonica*,
Ficus retusa, *Heritiera fomes*, *Leucaena glauca*,
Machilus thunbergii, *Ocimum odoratum*, *Quercus* sp.,
Shorea spp., *Terminalia tomentosa*.
 Notes: (3) Fairmaire 1850: 51 (redescribed).
 Wood 1992b: 91 and others have considered
Diapys taburae Stebbing as a synonym; however,
 the holotype was found and *taburae* was trans-
 ferred to *Genyocerus* (SIW).
 References: (bv) Gray, B. 1974b; Roberts 1977c.
 (cn) Anonymous 1967s, 1970c: 11; Beaver 1988a:
 69; Ceyer 1960; Pierce, J. R., Wood, & Fujii 1977:
 17; Roberts 1977b: 555, 1977c. (cc) Scott &
 Dutoit 1970; Walt & Scott 1971a, 1971b; Walt,
 Scott, & van der Klift 1971a: 458, 1971b: 464.
 (hb) Beaver 1976b: 544, 1988a: 69; Beeson 1929;
 Gray, B. 1974b; Roberts 1977b: 55, 1977c; Schedl
 1962k: 674, 1977b: 235. (ds) Anonymous 1967s,
 1970c: 11; Barber 1919: 53-60; Beaver 1976b:
 544, 1987b: 65, 1988a: 69, 1990b: 150; Beaver &
 Browne 1975: 303, 1978: 615; Beaver & Maddi-
 son 1990: 1372; Beeson 1915: 297-298, 1929:
 218, 1935a: 115, 1935b, 1937: 72-73, 1938b: 295,
 1940: 191; Browne 1949: 74, 1966: 241, 1980a:
 372, 1980c: 485; Chapuis 1865; Dumbleton 1954:
 25, 184; Dupont 1916: 20-22; Gemminger &

- Harold 1872: 2696; Lacordaire 1866: 390; Lever 1943a: 82; Miwa 1931: 266; Murayama 1925a: 203, 1929a: 676, 1937c: 582; Nobuchi 1967: 25, 1973b: 5, 1977: 108; Olmo, Yoneyama, & Nakazawa 1982a, 1982b, 1987a: 95, 1987b: 89; Olmo, Yoshioka, et al. 1988b: 97, 1989: 64; Pierce, J. R., Wood, & Fujii 1977: 17; Roberts 1977b: 555; Roonwal 1954: 36; Schedl 1934f: 1647, 1960c: 10, 1961e: 128, 1962b: 187, 1962i: 77, 1962k: 674, 1964c: 305, 1964d: 212, 1965a: 340, 1965g: 23, 1966b: 84, 1969a: 206, 1969c: 56, 1969d: 4, 7, 9, 1970d: 234, 1970h: 179, 1971a: 281, 1972b: 266, 1972f: 111, 1974c: 262, 1975k: 278, 1977b: 235; Strohmeier 1911f: 204, 1912c: 5, 1914c: 35; Swezey 1941: 124, 126, 1954: 14, 78, 112, 198; Wood, S. L. 1960a: 7; Zimmerman 1941: 176. **(tx)** Beeson 1929: 218, 1935a: 115, 1935b, 1940; Browne 1962e: 644; Chapuis 1865: 81–82; Fairmaire 1847: 78, 1850: 51, 1866: 81; Lacordaire 1866: 390; Murayama 1925a: 203–204, 1925b: 235; Nobuchi 1967: pl. 2, 1972b: 5, 1973b: pl. 1, 1985: 328; Perkins 1900: 181; Powell, W. 1987: 28; Schedl 1934f: 1647, 1937d: 34, 1939b: 398, 1941c: 153, 1941f: 116, 1948c: 665, 1950f: 35, 41, 1951k: 141, 1952j: 6, 1953b: 124, 1953d: 70–71, 1955b: 286, 1957b: 150–152, 1960c: 10–11, 1962k: 674–675, 1964d: 212, 1972f: 111, 1972p: 156; Sharp (in Perkins) 1900: 173, 182; Sharp & Muir 1912: 572; Stebbing 1914: 628–630; Strohmeier 1911f: 204, 1912c: 5, 1914c: 11, 35; Wood, S. L. 1960a: 7–8, 1992b: 91 (error, Note 3 above). **(ms)** Roberts 1977c.
- saundersi* Chapuis 1865: 80. Syntypes ♂ ♀; Celebes, Borneo; 3 ♂, 2 ♀ in BMNH, London, 1 ♂ IRSNB, Brussels (Schedl 1960c: 10). Synonymy: Schedl 1972f: 111.
References: **(bv)** Beeson 1917; Bletchly 1961: 15. **(cn)** Anonymous 1970c: 11; Beeson 1919: 1–23, 1935a; Browne 1952; Kalkhoven 1924c: 310; Lever 1940a: 38, 1943a: 14, 1946: 4; Mathur & Singh 1960a: 45, 1960b: 6, 1960c: 3, 1961a: 5, 1961b: 13; Roonwal 1954: 33; Sen-Sarma & Thakur 1986: 37; Stebbing 1914: 617; Yunus & Hua 1980: 216. **(cc)** Beeson 1921b: 22, 1923; Bhatia 1950; Browne 1958b; Stebbing 1914: 617. **(hb)** Beeson 1915b: 298, 1916a: 222, 1917, 1923, 1933, 1938a; Browne 1935a, 1941, 1958b, 1961c: 218; Kalkhoven 1924c, 1960c: 42, 1960d: 1; Kleine 1932a: 310, 401; Speyer 1923: 22; Stebbing 1914: 617. **(ds)** Anonymous 1970c: 11; Beeson 1915b, 1916a: 1–5, 1921b: 22, 1923, 1933: 9, 1935: 539–543, 1938a, 1941 (1961: 254); Bhasin, Roonwal, & Singh 1958; Bhatia 1950; Blandford 1895a, 1898a; Browne 1935a, 1961a: 316, 1961c: 218, 1966: 241, 1980a: 372; Gemminger & Harold 1872: 2697; Kalkhoven 1924b: 357; Kleine 1932a: 310, 401; Lever 1940a: 38–42, 1940b: 99, 1941: 80, 1942: 23, 1943a: 14, 1945: 367–377; Mathew 1982, 1987: 188; Mathur & Singh 1960a: 45, 1960b: 6, 1960c: 3, 1961a: 5, 1961b: 13; Olmo, Yoneyama, & Nakazawa 1982b: 9; Roonwal 1954: 33; Sampson 1928a: 2, 1928b: 390; Schedl 1936d: 6, 1936j: 21, 1937f: 15, 1948c: 665, 1950f: 41, 1953b: 124, 1959a: 513, 1971a: 279; Speyer 1923: 11–23; Strohmeier 1912c: 6, 1914c: 35. **(tx)** Beeson 1933, 1937: 37, 72; Browne 1962e: 644; Chapuis 1865: 80; Gardner 1932b; Murayama 1925: 203; Sampson 1924b: 89, 1926: 120, 1928a: 2, 1928b: 390; Schedl 1935n: 640, 1936e: 43, 1937d: 34, 1939e: 334, 1941c: 354, 1942a: 172, 206, 1942c: 163–164, 1954a: 145, 1959a: 513, 1960c: 10, 1964g: 253, 1972f: 111; Stebbing 1914: 617; Strohmeier 1912c: 6, 1914c: 35, 1914f: 8.
- heritiera* Stebbing 1906: 420 (*Diapus*). Syntypes ♂ ♀; India, Bengal; Backerganj District, Wazirpur, Sunderbans; FRI, Dehra Dun. Synonymy: Beeson 1915: 298.
References: **(cn)** Stebbing 1914: 628. **(cc)** Stebbing 1914: 628. **(hb)** Stebbing 1914: 628. **(ds)** Strohmeier 1912c: 22, 1914c: 47. **(tx)** Stebbing 1914: 628; Strohmeier 1912c: 22, 1914: 47.
- posticus* Broun 1909: 301 (*Platypus*). Holotype ♀; Raoul Island (New Zealand); Broun Collection (damaged). Synonymy: Schedl 1972f: 111.
References: **(tx)** Broun 1909: 301; Schedl 1972f: 111, 1972p: 156.
- saundersi usambaricensis* Strohmeier 1911: 182. Syntypes ♂ ♀; Usambara; IPKE, Eberswalde. Synonymy: Schedl 1972f: 111.
References: **(hb)** Strohmeier 1911a: 182. **(tx)** Schedl 1972f: 111; Strohmeier 1911a: 182.
- saundersi submontanus* Beeson 1937: 72. Syntypes ♂ ♀; India, Burma, Ceylon, United Provinces; Dehra Dun division, 2000–2500 ft.; FRI, Dehra Dun. Synonymy: Schedl 1972f: 111.
References: **(cn)** Mathur & Singh 1960b: 6, 1960c: 6, 1961a: 32, 1961b: 26; Sen-Sarma & Thakur 1986: 37. **(ds)** Bhasin, Roonwal, & Singh 1958; Mathur & Singh 1960b: 6, 1960c: 6, 1961a: 32, 1961b: 26. **(tx)** Beeson 1937: 72; Schedl 1972f: 111.
- nilgiricus* Beeson 1937: 73. Syntypes, ♂ ♀; Madras; Nilgiris, Coonoor Valley; FRI, Dehra Dun. Synonymy: Schedl 1972f: 111.
References: **(ds)** Bhasin, Roonwal, & Singh 1958; Mathew 1982, 1987: 188. **(tx)** Beeson 1937: 73; Schedl 1972f: 111.
- externespinulosus* (Schedl) 1942a: 206 (*Platypus*). Holotype ♂; Malaya; Pahang, Rotan Tinggi F.R.; Schedl Collection, lost, authentic examples in BMNH, London.
Distribution: Asia (Malaya).
Notes: (1) Browne 1961c: 220, 1962e: 644 (to *Crossotarsus*).
References: **(ds)** Browne 1961c: 220; Schedl 1972f:

111. (tx) Browne 1962c: 644; Schedl 1942a: 206, 1972f: 111, 1975a: 29.
- fugaccarum** Browne 1975: 303 in Beaver & Browne. Holotype ♂: Thailand: Chiang Mai, Doi Pui, 1450 m; BMNH, London.
Distribution: Asia (Thailand).
Hosts: *Castanopsis* cf. *acuminatissima*, *Quercus* sp.
References: (tx) Beaver & Browne 1975: 303–304.
- fairmairei** Chapuis 1865: 79. Syntypes ♂: Inde: 1 ♂ in BMNH, London, 3 ♂ in IRSNB, Brussels (Schedl 1960c: 10).
Distribution: Asia (Punjab, Uttar Pradesh in India/ Japan/ Sri Lanka).
Hosts: *Abies pindrow*, *Cedrus deodara*, *Juglans regia*, *Pinus excelsa*, *Quercus incana*, *Q. semicarpifolia*.
References: (cn) Kleine 1932a: 310, 401; Mathur & Singh 1960b: 50; Roomwal 1954: 17, 29; Stebbing 1914: 617. (cc) Beeson 1921b: 21; Stebbing 1914: 617. (hb) Kleine 1932a: 310, 401; Stebbing 1914: 617. (ds) Beeson 1921b: 21, 1937: 73–74, 1961: 253; Blasin, Roomwal, & Singh 1955: Gemminger & Harold 1572: 2697; Kleine 1932a: 310, 401; Mathur & Singh 1960b: 50; Nobuchi 1973b: 6; Roomwal 1954: 17, 29; Schedl 1969c: 56, 1972f: 104; Strohmeier 1911f: 203, 1912c: 5, 1914c: 35. (tx) Beeson 1937: 73–74; Chapuis 1865: 79; Nobuchi 1973b: 6; Sampson 1919: 110; Schedl 1960c: 10, 1972f: 104; Stebbing 1914: 617; Strohmeier 1912c: 5, 1912d: 42, 1914c: 35.
- flaromaculatus** Strohmeier 1912: 40. Holotype ♂: Hoozan in Formosa, Philippinen; MNB, Berlin. Figures: Nobuchi 1967:pl. 2, 1973b:pl. 1.
Distribution: Asia (China ?/ Japan/ Malaya/ Taiwan), Indonesia (Java), Philippine Islands.
Hosts: *Quercus glauca*.
References: (hb) Murayama 1931b: 199. (ds) Miwa 1931: 266; Murayama 1925a: 205, 1931b: 199, 1934f: 138, 1937c: 551, 1954b: 206, 1955: 100; Nobuchi 1967: 25, 1973b: 7; Schedl 1966b: 84, 1972f: 104; Strohmeier 1912c: 5, 1914c: 35. (tx) Murayama 1925a: 205–206, 1925b: 235, 1954b: 206, 1955: 100–101; Nobuchi 1967:pl. 2, 1973b: 7, pl. 1, 1955: 328; Schedl 1934f: 1647, 1972f: 104; Strohmeier 1912c: 5, 1912d: 40–41, 1914c: 35.
- fluminalis** Beeson 1937: 57. Holotype ♀: New Guinea: N.N. Guinea Exped., Albatros Bivak V, Manberano; Buitenzorg Museum.
Distribution: New Guinea.
References: (ds) Schedl 1972f: 102. (tx) Beeson 1937: 57–58; Schedl 1972f: 102.
- forcipes** Schedl 1975f: 374. Holotype ♂: Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975f: 374.
- formosanus** Strohmeier 1912: 41. Syntypes ♂ ♀: Kosenpo (Formosa); 2 ♂, 1 ♀ in MNB, Berlin, some in Strohmeier Collection.
Distribution: Asia (Taiwan).
References: (ds) Murayama 1925a: 206, 1929a: 676, 1937c: 552; Nobuchi 1967: 26; Schedl 1972f: 111; Strohmeier 1912c: 5, 1914c: 35. (tx) Murayama 1925a: 206–207, 1925b: 235, 1925a: 287–288; Schedl 1972f: 111; Strohmeier 1912c: 5, 1912d: 40–41, 1914c: 35.
- fractus** Sampson 1912: 249. Holotype ♂: Borneo: Kuching, Sarawak; BMNH, London.
Distribution: Asia (Assam in India/ Malaya), Bismarck Islands, Indonesia (Borneo, Java, Sumatra), Philippine Islands (Luzon).
Hosts: *Azadirachta palenbanica*, *Albizia procera*, *Dalbergia latifolia*, *Dryobalanops oblongifolia*, *Eucalyptus* sp., *Grewia* sp., *Palaquium stellatum*, *Quercus* sp., *Styrax benzoin*, *Sucietenia macrophylla*.
Notes: (3) Schedl 1935k: 483 (described female), 1972f: 107 (treated as a subspecies of *squamulatus*).
References: (cn) Browne 1935b. (hb) Browne 1935a, 1941, 1961c: 227; Kalshoven 1960c: 45. (ds) Beeson 1937, 1941 (1961: 254); Browne 1935a, 1961c: 227, 1966: 242, 1950b: 351; Kalshoven 1960c: 45; Ohno, Yoneyama, & Nakazawa 1987b: 89; Schedl 1936d: 6, 1936j: 6, 21, 1938g: 421, 1966b: 87, 1972f: 107; Strohmeier 1914c: 35. (tx) Beeson 1937: 79, 81; Nobuchi 1985: 328; Sampson 1912: 249–250, 1919: 106; Schedl 1935k: 483, 1936e: 44–45, 1939e: 334–335, 1941c: 354, 1952b: 366, 1972f: 107, 1978a: 31; Strohmeier 1914c: 35.
- gressitti** Schedl 1972i: 53. Holotype ♂: New Guinea, Papua, Western District, Oriomo Gov. Station; BPBM, Honolulu.
Distribution: New Guinea.
References: (ds) Schedl 1972f: 104. (tx) Schedl 1972f: 104, 1972i: 53, 1978a: 34.
- hastatus** (Schedl) 1942c: 194 (*Platyypus*). Holotype ♂: New-Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (ds) Schedl 1968f: 535, 1972f: 111. (tx) Browne 1962c: 643; Schedl 1942c: 194, 1972f: 111, 1978a: 35.
- hebridensis** Beeson 1937: 71. Holotype ♂: New Hebrides: Aneitym; BMNH, London.
Distribution: New Hebrides Islands.
References: (ds) Beeson 1938b: 295; Schedl 1972f: 111. (tx) Beeson 1937: 71–72; Schedl 1972f: 111.
- horni** Schedl 1934a: 247. Lectotype ♂: Kerhamanab, Java, Bandoeng; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 35.
Hosts: *Acacia decurrens*, *Cinchona ledgeriana*, *Horsfieldia* cf. *glabra*, *Quercus* sp.
Distribution: Indonesia (Java).
References: (ds) Kalshoven 1960d: 40; Schedl 1934a: 247, 1972f: 111. (tx) Beeson 1937: 68;

- Browne 1962c: 644; Schedl 1934a: 247, 1939c: 333, 1941c: 354, 1942a: 204, 1963j: 486, 1972f: 111, 1978a: 35.
- biceps* Beeson 1937: 67. Syntypes ♂ ♀; Java: G. Slamet, Batoerraden; Britenzorg Museum. Synonymy: Schedl 1939c: 333. References: (tx) Beeson 1937: 67–68, 71; Browne 1962c: 644; Schedl 1939c: 333, 1972f: 111.
- inaequidens* Browne 1954c: 456. Holotype ♂; Kaonassigo (Solomon Islands) to Nagoya (Japan), imported; BMNH, London. Distribution: Solomon Islands. Hosts: *Pometia* sp. References: (ds) Olmo, Yoshioka, et al. 1988b: 97. (tx) Browne 1954c: 456.
- indomitus* Chapuis 1865: 84. Holotype ♀; Moluques, de File Morfy; BMNH, London (Schedl 1960c: 11). Distribution: Asia (Malaya), Australia, Indonesia (Moluccas). References: (ds) Gemminger & Harold 1872: 2697; Schedl 1972f: 111; Strohmeier 1912c: 5, 1914c: 35. (tx) Chapuis 1865: 84; Schedl 1960c: 11, 1972f: 111; Strohmeier 1912c: 5, 1914c: 35.
- cavifrons* Blandford 1896b: 192. Syntypes 2 ♂; Gilolo [Moluccas]; BMNH, London. Synonymy: Schedl 1978a: 111. References: (cn) Smith, J. H. 1935: 3. (ec) Smith, J. H. 1935: 3. (ds) Smith, J. H. 1935: 3; Strohmeier 1912c: 5, 1914c: 35. (tx) Blandford 1896b: 192; Schedl 1960c: 11, 1972f: 111; Strohmeier 1912c: 5, 1914c: 35.
- inermis* Schedl 1937d: 33. Lectotype ♂; West-Sumatra, Padang-Pandjang and Südost-Borneo; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 37. Distribution: Asia (Malaya/ Thailand), Indonesia (Borneo, Mentawai, Sumatra). Hosts: *Azelia palembanica*, *Aglaia* sp., *Grewia* sp., *Koompassia excelsa*, *Parkia speciosa*, *Parinariium griffithianum*, *Sterculia macrophylla*. References: (ds) Beaver & Browne 1975: 304; Schedl 1971f: 150, 1972f: 102. (tx) Schedl 1936c: 43, 1937d: 33, 1962p: 209, 1972f: 102, 1978a: 37. *foederatus* Beeson 1937: 53. Holotype ♂; Federated Malay States; Perak; FRI, Dehra Dun. Synonymy: Schedl 1962p: 209. References: (cn) Browne 1949e. (hb) Browne 1941, 1961c: 223. (ds) Browne 1961c: 223. (tx) Beeson 1937: 53–54; Schedl 1962p: 209, 1972f: 102.
- intermedius* Chapuis 1865: 69. Holotype ♀; des ileles Celebes (Macassar); BMNH, London. Distribution: Indonesia (Celebes), New Guinea. References: (ds) Gemminger & Harold 1872: 2697; Schedl 1972a: 103; Strohmeier 1912c: 4, 1914c: 33. (tx) Chapuis 1865: 69; Schedl 1960c: 8, 1972f: 103; Strohmeier 1912c: 4, 1914c: 33.
- javanus* Beeson 1937: 51. Syntypes 1 ♂, 1 ♀; Java: Soekaboemi; FRI, Dehra Dun. Distribution: Indonesia (Java, Sumatra), New Guinea. Hosts: *Albizzia sumatrana*, *Celtis wrightia*, *Dalbergia latifolia*, *Eucalyptus* sp., *Herca brasiliensis*, *Pometia tomentosa*. References: (hb) Kalshoven 1960c: 44. (ds) Kalshoven 1960c: 44; Schedl 1971c: 367, 1971f: 150, 1972f: 102. (tx) Beeson 1937: 51–52; Schedl 1961c: 74, 1972f: 102.
- keyensis* Strohmeier 1913: 163. Syntypes ♂; Key-Inseln; SMITD, Dresden, and IPKE, Eberswalde. Distribution: Indonesia (Key Island), New Guinea. References: (ds) Schedl 1972f: 102; Strohmeier 1914c: 34. (tx) Schedl 1937d: 34, 1941c: 152, 1972f: 102, 1978a: 39; Strohmeier 1913: 163–164, 1914c: 34.
- kondulensis* Beeson 1937: 56. Syntypes ♂ ♀; Nicobars; Little Nicobar; FRI, Dehra Dun. Distribution: Asia (Nicobar Islands in India). References: (ds) Schedl 1972f: 106. (tx) Beeson 1937: 56–57; Schedl 1939c: 335, 1972f: 106.
- lacordairei* Chapuis 1865: 55. Syntypes 2 ♂; Nouvelle-Guinée; BMNH, London (Schedl 1960c: 11). Distribution: Bismarck Islands, Indonesia (Irian), New Guinea, New Ireland. References: (ds) Browne 1966: 241; Gemminger & Harold 1872: 2697; Nobuchi 1977: 106; Olmo, Yoneyama, & Nakazawa 1987a: 95; Olmo, Yoshioka, et al. 1989: 64; Schedl 1936g: 514, 1972f: 106; Strohmeier 1914c: 35. (tx) Chapuis 1865: 55; Lucas 1920: 209; Schedl 1937d: 34–35, 1960c: 11, 1969b: 222, 1972f: 106; Strohmeier 1914c: 35.
- laevigatus* Chapuis 1865: 70. Syntypes 2 ♀; Iles Moluques (Batchian); BMNH, London. Distribution: Indonesia (Moluccas). References: (ds) Gemminger & Harold 1872: 2697; Schedl 1972f: 103; Strohmeier 1912c: 4, 1914c: 34. (tx) Chapuis 1865: 70; Schedl 1960c: 9, 1972f: 103; Strohmeier 1912c: 4, 1914c: 34.
- laratensis* Beeson 1937: 56. Syntypes ♂ ♀; Larat Is.: 1 ♂, 3 ♀ in BMNH, London. Distribution: Indonesia (Larat Island), Philippine Islands. References: (ds) Nobuchi 1977: 104, 1980a; Olmo, Yoneyama, & Nakazawa 1987b: 89; Schedl 1966b: 84, 1966g: 34, 1972f: 102. (tx) Beeson 1937: 56–57; Nobuchi 1985: 328; Schedl 1972f: 102.
- lecontei* Chapuis 1865: 60. Syntypes ♂ ♀; File de Lucon: 2 ♂, 1 ♀ in BMNH, London, 2 ♂, 1 ♀ in IRSNB, Brussels, 1 ♀ in MNB, Berlin (Schedl 1960c: 7). Distribution: Asia (Vietnam), Philippine Islands (Luzon). References: (ds) Baer 1886; Browne 1966: 239–240, 1986c: 663; Gemminger & Harold 1872: 2697; Lacordaire 1866: 389; Mesa 1935: 96;

- Nobuchi 1977: 104, 1979a: 407; Ohno, Yoneyama, & Nakazawa 1957b: 59; Schedl 1935g: 421, 1966b: 55, 1971f: 150, 1972f: 102, 1974c: 262; Strohmeier 1912c: 4, 1912e: 251, 1914c: 33. **(tx)** Beeson 1937: 56–57; Chapuis 1865: 60; Hopkins 1914c: 183, 191; Lacordaire 1866: 389; Nobuchi 1985: 328; Schedl 1933c: 105, 1935n: 639, 1937d: 33, 1939b: 392, 1952b: 365, 1960c: 7, 1972f: 102; Strohmeier 1911b: 17, 1912c: 4, 1912e: 251, 1914c: 33.
- longicollis** **Browne** 1950b: 649. Holotype ♂; Malaya: Selangor, Kepong; BMNH, London.
Distribution: Asia (Malaya).
Hosts: *Castanopsis sumatrana*, *Lithocarpus wallichianus*, *Pasania sundauica*.
References: **(hb)** Beaver & Browne 1978: 615; Browne 1961c: 221. **(ds)** Beaver & Browne 1978: 615; Browne 1961c: 221; Schedl 1972f: 111. **(tx)** Browne 1950b: 649, 1962c: 213, 1962e: 644; Schedl 1972f: 111.
- longicornis** (**Schedl**) 1942c: 196 (*Platypus*). Holotype ♂; New-Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
Hosts: *Myristica* sp.
Notes: (3) Schedl 1972i: 65 (described female).
References: **(ds)** Schedl 1972f: 111. **(tx)** Schedl 1942c: 196, 1972f: 111, 1972i: 65, 1978a: 41.
- machili** **Beeson** 1937: 76. Syntypes ♂ ♀; Bengal: Darjeeling division, Debprepani, 6000 ft.; FRI, Dehra Dun.
Distribution: Asia (Bengal in India).
Hosts: *Machilus odoratissima*, *Mallotus roxburghianus*, *Symplocos theaeifolia*.
References: **(cn)** Mathur & Singh 1961a: 83. **(ds)** Beeson 1941 (1961: 265); Mathur & Singh 1961a: 83; Schedl 1972f: 104. **(tx)** Beeson 1937: 76–77; Schedl 1972f: 104, 1978a: 42.
- majusculus** **Sampson** 1924b: 89. Syntypes ♂ ♀; New Guinea, Mamberamo River; Buitenzorg Museum?
Distribution: New Guinea.
References: **(ds)** Schedl 1936g: 514, 1968f: 535, 1972f: 112. **(tx)** Sampson 1924b: 89; Schedl 1937d: 34, 1940b: 434–435, 1941e: 153, 1942a: 213, 1942c: 165, 201, 1972f: 112, 1978a: 42.
- abdominalis** **Schedl** 1969b: 220. Holotype ♂; New Guinea: Karami, Chimbu District; CSIRO, Canberra. Synonymy: Schedl 1972f: 112.
References: **(tx)** Schedl 1969b: 220–221, 1972f: 112.
- minax** (**Walker**) 1856: 286 (*Platypus*). Holotype ♂; Ceylon; BMNH, London.
Distribution: Asia (Karnataka, Tamil Nadu in India/Sri Lanka).
Hosts: *Anacardium occidentale*, *Buchanania lanzan*, *Butea monosperma*, *Calycopteris floribunda*, *Dalbergia latifolia*, *Eugenia* sp., *Gluta travancorica*, *Hevea brasiliensis*, *Lagerstroemia lanceolata*, *Mangifera indica*, *Pterocarpus marsupium*, *Salmalia malabarica*, *Semicarpus gardneri*, *Spondias mangifera*, *Strictenia macrophylla*, *Tectona grandis*, *Terminalia arjuna*, *T. bellerica*, *T. paniculata*, *T. tomentosa*, *Theobroma cacao*, *Wormia triquetra*, *Xylocarpus*.
- Notes: (1) The Walker 1856 article was not seen by us; this species was also named as new in Walker 1859: 260.
References: **(cn)** Holmes 1947: 3, 109; Kleine 1932a: 310, 401; Mathur & Singh 1960b: 14, 1960c: 4, 1961a: 13, 1961b: 13; Roonwal 1954: 67. **(ce)** Beeson 1921b: 22; Chatterjee & Chatterjee 1951. **(hb)** Beeson 1933: 9; Chatterjee & Chatterjee 1951; Kleine 1932a: 310, 401; Speyer 1923: 22. **(ds)** Beeson 1921b, 1933: 9, 1941 (1961: 254); Bhasin, Roonwal, & Singh 1958; Chapuis 1865: 71–73; Chatterjee & Chatterjee 1951; Gemminger & Harold 1872: 2697; Holmes 1947: 109; Kleine 1932a: 310, 401; Lacordaire 1866: 390; Mathur & Singh 1960b: 14, 1960c, 1961a: 13, 1961b: 13; Roonwal 1954: 67; Schedl 1969c: 55, 1971a: 279, 1971f: 150, 1972f: 100, 1975e: 452; Strohmeier 1912c: 4, 1914c: 34. **(tx)** Beeson 1933: 9; Chapuis 1865: 71; Gardner 1932b; Lacordaire 1866: 390; Lucas 1920: 209; Schedl 1937d: 34, 1939b: 402, 1959a: 515, 1960c: 9, 1972f: 100; Strohmeier 1912c: 4, 1914c: 34; Walker 1856: 286, 1859: 260–261. **(ms)** Lucas 1920: 209.
- minusculus** **Chapuis** 1865: 68. Syntypes ♂; Nouvelle-Guinee; 1 in BMNH, London, 1 in IRSNB, Brussels (Schedl 1960c: 8).
Distribution: Asia (Malaya), Bismarck Islands, Bougainville Island, Indonesia (Sumatra), New Guinea, New Ireland.
Hosts: *Terminalia complanata*, *Xylocarpus gangeticum*.
References: **(hb)** Browne 1961c: 224. **(ds)** Browne 1961c: 224, 1981b: 599; Gemminger & Harold 1872: 2697; Ohno, Yoshioka, et al. 1958b: 97, 1959: 65; Schedl 1972f: 103; Strohmeier 1912c: 4, 1914c: 34. **(tx)** Browne 1955: 365; Chapuis 1865: 68; Schedl 1960c: 8, 1972f: 103; Strohmeier 1912c: 4, 1914c: 34.
- inornatus** **Chapuis** 1865: 68. Syntypes 2 ♀; Nouvelle-Guinee (Dorey); BMNH, London (Schedl 1960c: 8). Synonymy: Browne 1955: 365.
References: **(ds)** Gemminger & Harold 1872: 2697; Strohmeier 1912c: 4, 1914c: 33. **(tx)** Browne 1955: 365; Chapuis 1865: 11; Schedl 1960c: 8, 1972f: 103; Strohmeier 1912c: 4, 1914c: 33.
- minusculus grandis** **Schedl** 1975: 374. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District, New Guinea; Schedl Collection in NHMW, Wien.
Notes: (3) This appears to be no more than a size variant.
References: **(tx)** Schedl 1975f: 374.

- novaeoguineensis* Roberts 1959: 90. Holotype ♂: New Guinea: Papua, Bulolo; NHMW, Wien.
References: (tx) Roberts 1959: 90.
- mniszewi** Chapuis 1865: 62. Syntypes ♂ ♀; Iles de la Nouvelle Guinee, d'Aron, de Celebes: 4 ♂, 2 ♀ in BMNH, London, 3 ♂ in IRSNB, Brussels (Schedl 1960c: 7).
Distribution: Asia (Malaya), Australia, Bismarck Islands, Indonesia (Ami, Celebes, Key Island), Fergusson Island, New Britain Island, New Guinea, New Ireland, Philippine Islands.
Hosts: *Antidesma* sp., *Cauanga odorata*, *Dracontomelum* sp., *Mimiltoea* sp., *Pangium* sp., *Polyalthea* sp., *Pometia pinnata*, *Vitex* sp.
References: (cn) Gray, B. & Wylie 1974; Smith, J. H. 1935: 3. (cc) Smith, J. H. 1935: 3. (hb) Gray, B. 1968: 307; Gray, B. & Wylie 1974. (ds) Browne 1966: 239, 1980a: 372, 1980c: 484, 1984c: 449; Gemminger & Harold 1872: 2697; Gray, B. 1965: 307; Schedl 1936g: 513, 1962i: 73, 1966b: 85, 1972f: 102, 1979a: 159; Smith, J. H. 1935: 3; Strohmeier 1912c: 4, 1914c: 33. (tx) Beeson 1937: 57–58; Browne 1964: 758; Chapuis 1865: 62; Lea 1910: 133; Nobuchi 1985: 328; Sampson 1924b: 89; Schedl 1936e: 43, 1937d: 33, 1939b: 384, 394, 1940b: 434–435, 1941c: 53, 1942c: 164, 1952b: 365, 1955b: 282, 1955i: 215, 1960c: 7, 1969b: 221, 1972f: 102; Strohmeier 1912c: 4, 1914c: 33; Wylie & Yule 1977.
- moluccanus** Schedl 1961c: 74. Holotype ♂: Ternate; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Ternate in Moluccas).
References: (ds) Schedl 1961c: 74, 1965g: 23, 1972f: 102. (tx) Schedl 1961c: 74, 1972f: 102, 1975a: 45.
- motui** Schedl 1973f: 76. Holotype ♂: Pengagl. Camp east slopes Mt. Wilhelm, Chimbu District, 2770 m; AMNH, New York.
Distribution: New Guinea.
References: (tx) Schedl 1973f: 76–77.
- mussooriensis** Beeson 1937: 84. Holotype ♂: United Provinces: Mussoorie, Mackinnon Park, 6500 ft.; FRI, Dehra Dun.
Distribution: Asia (Uttar Pradesh in India).
Hosts: *Cedrela serrata*.
Notes: (3) Schedl 1972f: 107 (treated as a subspecies of *terminatus*).
References: (ds) Beeson 1941 (1961: 254); Bhasin, Roonwal, & Singh 1958. (tx) Beeson 1937: 84–85; Schedl 1939e: 355, 1972f: 107.
- nakazawai** Browne 1986b: 342. Holotype ♂: New Guinea: Fakfak to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: *Pometia* sp.
References: (tx) Browne 1986b: 342.
- nepalensis** Schedl 1973b: 212. Holotype ♂: Nepal, Phulehoki b. Kathmandu; Schedl Collection in NHMW, Wien.
Distribution: Asia (Bhutan/ Nepal).
References: (ds) Schedl 1975c: 384. (tx) Schedl 1973b: 212, 1975a: 46.
- niponicus** Blandford 1894d: 130. Syntypes (many) ♂ ♀; Sapporo and Hakodate in Yezo, also Miyamoshita, Yuyama, etc., and in Kinsui, Japan; BMNH, London.
Figures: Nakane et al. 1963: pl. 192, Nakashima 1975: 15, 1979: pl. 1, Nobuchi 1973b: pl. 1.
Distribution: Asia (Japan/ Taiwan).
Hosts: *Acer mono*, *A. palmatum*, *Aesculus turbinata*, *Alnus japonica*, *Carpinus laxiflora*, *C. tschonoskii*, *Castanea crenata*, *Clethra barbinervis*, *Euonymus alatus*, *Euptelea polyandra*, *Fagus crenata*, *F. japonica*, *Fraxinus mandshurica* var. *japonica*, *Kalopanax septemlobus*, *Lindera erythrocarpa*, *Machilus thumbergii*, *Magnolia obovata*, *Phellodendron amurense*, *Pterocarya rhoifolia*, *Quercus mongolica* var. *grosseserrata*, *Q. myrsinaefolia*, *Q. salicina*, *Styrax japonica*, *Tilia japonica*, *Tsuga sieboldii*, *Zelkova serrata*.
Notes: (1) The type of *Genyocerus adustipennis* Motschulsky was examined at Moscow in 1968 and, in all probability, is of this species; because no material was available for comparison, synonymy should be confirmed before it is accepted (SIW).
References: (ay) Nakashima 1971, 1975: 4, 1978. (cn) Anonymous 1980g; Kleine 1932a: 401; Uchida et al. 1958: 181; Yazawa, Higuchi, & Machii 1957: 1–56. (cc) Banno, Mikata, & Kodama 1983: 445; Inouye et al. 1955: 118; Nakashima 1971, 1975: 4, 1978, 1979; Nakashima, Goto, & Iizuka 1987. (hb) Inouye et al. 1955: 118; Kleine 1932a: 401; Murayama 1931b: 199; Nakashima 1971, 1975: 7. (ds) Anonymous 1980g; Blandford 1894c; Kleine 1932a: 401; Miwa 1931: 266; Murayama 1925a: 207, 1929a: 678, 1931b: 199, 1934f: 141, 1937c: 580, 1949c: 104, 1950b: 1299, 1954b: 189, 1955: 103; Nakane et al. 1963: 384; Nakashima 1975: 3, 1979; Nobuchi 1967: 25, 1973b: 7; Schedl 1969a: 204, 1972f: 105; Strohmeier 1912c: 6, 1914c: 35. (tx) Beeson 1937: 69; Blandford 1894d: 130; Murayama 1925a: 207, 1925b: 235, 1925a: 287, 1950b: 1299, 1954b: 189, 1955: 103; Nakane et al. 1963: 384, pl. 192; Nakashima 1975: 15, 1979: pl. 1; Niisima 1909: 170; Nobuchi 1973b: 7, pl. 1; Schedl 1934f: 1647, 1969b: 222, 1972f: 105; Strohmeier 1912c: 6, 1914c: 35; Wylie & Yule 1977.
- nitens** Chapuis 1865: 77. Holotype ♂: Ile de Sula; BMNH, London.
Distribution: Asia (Malaya), Indonesia (Borneo, Sulu).
Hosts: *Araucaria cunninghamii*, *Canarium australasicum*, *Elacocarpus* sp., *Eugenia gustavoioides*, *Euodia* sp., *Pithecolobium* sp.
References: (hb) Browne 1941. (ds) Browne 1961c: 224, 1984c: 448; Choo & Woo 1983; Gemminger

- & Harold 1872: 2697; Nobuchi 1977: 105; Schedl 1936d: 6, 1966g: 35, 1972f: 109; Strohmeier 1912c: 4, 1914c: 34. (tx) Chapuis 1865: 77; Lucas 1920: 209; Schedl 1939b: 395, 1954a: 156, 1960c: 10, 1971c: 387, 1972f: 109, 1975a: 47; Strohmeier 1912c: 5, 1914c: 34.
- nitescens** Schedl 1979a: 162. Holotype ♂: Tarzali, Adherton Sub. District, Queensland, Australia; CSIRO, Canberra.
Distribution: Australia (Queensland).
Hosts: *Araucaria cunninghamii*, *Casuarium australasicum*, *Elaeocarpus* sp., *Eugenia gustavoides*, *Euodia* sp.
Notes: (3) Schedl 1950b: 187 (described female).
References: (ds) Schedl 1950b: 185–187. (tx) Schedl 1979a: 162.
- nitidior** (Schedl) 1953b: 129 (*Trachyostus*). Syntypes ♀: Hiep-Hoa, East-Vaïco River, 40 km W Saigon, Indo China; Barbier Collection and Schedl Collection in NHMW, Wien.
Distribution: Asia (Vietnam).
Notes: (1) Schedl 1975a: 47 (citation of holotype invalid).
References: (ds) Schedl 1972f: 112. (tx) Browne 1962c: 644; Schedl 1953b: 129–130, 1963j: 486, 1972f: 112, 1975a: 47.
- nitidulus** (Schedl) 1954a: 156 (*Platypus*). Syntypes ♂ ♀: Java, Mt. Gede, 800 m; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Borneo, Java, Sumatra).
Hosts: *Castanea argentea*, *Garcinia* sp., *Nephelium* sp.
Notes: (1) Schedl 1975a: 47 (citation of holotype invalid).
References: (hb) Kalshoven 1960c: 44. (ds) Browne 1961c: 224; Kalshoven 1960d: 44; Schedl 1964c: 304, 1971c: 370, 1972f: 109. (tx) Browne 1962e: 643; Schedl 1954a: 145, 156–157, 1972f: 109, 1975a: 47.
- ocotostatus** Schedl 1935b: 398. Syntypes ♂ ♀: Mount Maquilang, Laguna Province, Philippine Islands; F. C. Hadden Collection, and Schedl Collection in NHMW, Wien.
Figures: Schedl 1972f: 109.
Distribution: Indonesia (Borneo, Mentawai), Philippine Islands (Luzon).
Notes: (1) Schedl 1975a: 49 (citation of holotype invalid).
References: (ds) Browne 1966: 241; Nobuchi 1977: 107, 1979a: 407; Ohno, Yoneyama, & Nakazawa 1987b: 89; Schedl 1938g: 421, 1966b: 86, 1966g: 34, 1972f: 108. (tx) Browne 1962e: 644; Nobuchi 1985: 328; Schedl 1935b: 398–399, 1935j: 2, 1936e: 43, 1939b: 398, 1939e: 334, 1963j: 486, 1972f: 108–109, 1975a: 49.
- oligodontus** Roberts 1979: 82. Holotype ♂: Papua New Guinea; 12 km south-west of Onim Hut, Mount Giluwe, 2900 m; BMNH, London.
Distribution: New Guinea.
- Hosts: *Quintonia* sp.
References: (tx) Roberts 1979: 82.
- palatus** Beeson 1937: 55. Holotype ♂: C. Borneo; Banguay; BMNH, London.
Distribution: Indonesia (Borneo, Ternate in Moluccas), Philippine Islands.
Notes: (3) Browne 1964: 758 (described female).
References: (ds) Browne 1966: 239, 1980c: 485, 1986a: 90; Ohno, Yoshioka, et al. 1989: 65; Schedl 1966b: 86, 1972f: 102. (tx) Beeson 1937: 55–56; Browne 1964: 758; Nobuchi 1985: 328; Schedl 1972f: 102.
- paucidentatus** Roberts 1989: 90. Holotype ♂: New Guinea; Papua; NHMW, Wien.
Distribution: New Guinea.
Hosts: *Euodia* sp.
References: (tx) Roberts 1989: 90.
- pectinatus** Browne 1966: 240. Holotype ♂: Bismarck Island, New Britain; Yalom, Gazelle Peninsula, 1000 m; UZMC, Copenhagen.
Distribution: Bismarck Island, New Britain Island.
References: (ds) Schedl 1972f: 102. (tx) Browne 1966: 240; Schedl 1972f: 102.
- piccae** Stebbing 1906: 413. Syntypes ♂ ♀: Tehri Garhwal, North-West Himalayas, India; not found in FRI, Dehra Dun.
Distribution: Asia (Uttar Pradesh in India).
Hosts: *Picea* sp.
References: (ds) Schedl 1972f: 112; Strohmeier 1912c: 6, 1914c: 35. (tx) Schedl 1972f: 112; Stebbing 1906: 413; Strohmeier 1912c: 6, 1914c: 35.
- piccus** Chapuis 1865: 56. Syntypes ♂ ♀: Moluques et d'Aron; 3 ♂, 2 ♀ in BMNH, London, 1 ♂, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 6).
Distribution: Asia (Taiwan), Indonesia (Aru, Moluccas, Sumatra), New Guinea, Philippine Islands.
References: (ay) Strohmeier 1918: 13. (ds) Gemminger & Harold 1872: 2697; Miwa 1931: 266; Murayama 1925a: 202, 1929a: 674, 1937e: 582; Nobuchi 1967: 25; Schedl 1966b: 86, 1972f: 102; Strohmeier 1912c: 4, 1914c: 33. (tx) Beeson 1937: 51–53; Chapuis 1865: 56; Murayama 1925a: 202, 1925b: 235; Nobuchi 1985: 328; Schedl 1937d: 33, 1960c: 6, 1972f: 102; Strohmeier 1912c: 4, 1914c: 33.
- porcatus** Roberts 1988: 91. Holotype ♂: New Guinea; Papua, Gumi, Bulolo; NHMW, Wien.
Distribution: New Guinea.
Hosts: *Litsea* sp.
References: (tx) Roberts 1988: 91.
- prociduus** Schedl 1975g: 222. Holotype ♂: New Guinea, Geelvink Bay, 10 m; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (tx) Schedl 1975g: 222, 1975a: 56.

- quadricaudatus (Strohmeyer)** 1910c: 131 (*Platyppus*). Syntypes 3, ♂ ♀; Nilgiri Hills; 1 in H. L. Andrews Collection, 2 in IPKE, Eberswalde. Distribution: Asia (Tamil Nadu in India). Hosts: *Canarium strictum*, *Palaquium elliptica*, *Vateria indica*. Notes: (1) Schedl 1972f: 100 (to *Crossotarsus*). References: (en) Mathur & Singh 1961b: 69. (ds) Beeson 1941 (1961: 254); Bhasin, Roonwal, & Singh 1958; Mathur & Singh 1961b: 69; Schedl 1972f: 100; Strohmeyer 1912c: 19, 1914c: 34. (tx) Schedl 1978a: 56, 1972f: 100; Strohmeyer 1910c: 131, 1912c: 19, 1913: 165, 1914c: 34.
- rasis Roberts** 1979: 83. Holotype ♂; Papua New Guinea; 8 km south-west of Onim Hut, Monut Giluwe, 2450 m; BMNH, London. Distribution: New Guinea. Hosts: *Evodia* sp. References: (tx) Roberts 1979: 83.
- rastellus Beeson** 1937: 82. Syntypes ♂ ♀; Philippines; BMNH, London. Distribution: Philippine Islands. Notes: (3) Schedl 1972f: 107 (treated as a subspecies of *squamulatus*). References: (ds) Schedl 1966b: 88, 1972f: 107. (tx) Beeson 1937: 82–83; Nobuchi 1985: 328; Schedl 1972f: 107.
- reugeteusis Niisima & Murayama** in Murayama 1925a: 208. Syntypes ♂ ♀; Rengeti, Taichu Prov., Formosa; Murayama Collection in USNM, Washington. Distribution: Asia (Taiwan). Hosts: *Cinnamomum* spp., *Cryptocarya chinensis*, *Machilus longipaniculata*, *Melia azedarach*, *Pasania cuspidata*, *Taonabo japonica*, *Tetradenia konishii*. References: (hb) Murayama 1928b: 26. (ds) Miwa 1931: 266; Murayama 1925a: 208, 1928b: 26, 1929a: 678, 1937c: 580; Nobuchi 1967: 25, 1977: 108; Schedl 1972f: 112, 1975a: 455. (tx) Beeson 1937: 97–98; Murayama 1925a: 208–210, 1925b: 235; Schedl 1934f: 1647, 1972f: 112.
- saltator Schedl** 1935k: 480. Syntypes ♂ ♀; Luzon, Nueva Vizcaya Province, Bayombong; W. Schultze Collection, and Schedl Collection in NHMW, Wien. Distribution: Asia (Vietnam), Philippine Islands (Luzon). Notes: (1) Schedl 1978a: 63 (citation of holotype invalid). References: (ay) Menier 1976: 348. (bv) Menier 1976: 348. (ds) Browne 1968a: 133, 1980a: 371, 1980c: 484; Nobuchi 1977: 109; Schedl 1966b: 87, 1969a: 205, 1972f: 112. (tx) Nobuchi 1985: 328; Schedl 1935k: 480, 1954a: 157, 1963j: 452, 1964h: 424, 1972f: 112, 1978a: 63.
- parvus** Browne 1962c: 213 (*Trachyostus*). Holotype ♂; Philippines: Laguna, Mt. Maquiling; Forest Products Research Institute, Laguna. Synonymy: Schedl 1972f: 112. Notes: (1) Browne 1962c: 644 (to *Crossotarsus*). References: (ds) Olmo, Yoshioka, et al. 1985b; Schedl 1966b: 104. (tx) Browne 1962c: 213, 1962e: 644; Nobuchi 1985: 328; Schedl 1963j: 452, 1964h: 424, 1972f: 112.
- saltatorinus (Schedl)** 1954a: 157 (*Platyppus*). Syntypes ♀; Java, Mt. Gede, 800 m; Schedl Collection in NHMW, Wien, and Kalshoven Collection. Distribution: Asia (Fujian in China), Indonesia (Java). Notes: (1) Schedl 1978a: 63 (citation of holotype invalid). References: (ds) Kalshoven 1960d: 40; Schedl 1972f: 105. (tx) Browne 1962e: 644; Schedl 1954a: 145, 157–158, 1972f: 105, 1978a: 63.
- schedli Browne** 1962c: 215. Holotype ♀; Malaya; Selangor, Kepong; BMNH, London. Distribution: Asia (Malaya). Hosts: *Azelia palembanica*, *Buchanania sessifolia*, *Canarium littorale*, *Castanopsis sumatrana*, *Coccoceras muticum*, *Diplospora* sp., *Dryobalanops oblongifolia*, *Elateriospermum tapos*, *Endospermum malaccense*, *Hymenacra courbaril*, *Mesua ferrea*, *Parkia speciosa*, *Shorea* spp., *Sterculia macrophylla*, *Styrax benzoin*, *Xanthophyllum* sp., *Xerospermum* sp. Notes: (3) This series had been previously misidentified as *cinnamatus* by Schedl 1935n: 639). References: (hb) Browne 1961c: 223. (ds) Browne 1961c: 223, 1980b: 381; Olmo, Yoshioka, et al. 1989: 65; Schedl 1972f: 102. (tx) Browne 1962c: 215; Schedl 1935n: 639, 1972f: 102.
- scorpius (Schedl)** 1942c: 195 (*Platyppus*). Holotype ♂; Neu-Guinea; Schedl Collection in NHMW, Wien. Distribution: New Guinea. Notes: (1) Browne 1962e: 643 (to *Crossotarsus*). References: (ds) Schedl 1972a: 109. (tx) Browne 1962e: 643; Schedl 1942c: 195, 1972f: 109, 1978a: 64.
- semicinctus Schedl** 1973e: 93. Holotype ♂; Potogalai logging area, Hoskins, West New Britain District; CSIRO, Canberra. Distribution: New Britain. Hosts: *Eugenia* sp., *Octomeles sumatrana*. References: (tx) Schedl 1973e: 93, 1978a: 65.
- serratulus (Browne)** 1964: 756 (*Platyppus*). Holotype ♂; Philippines; BMNH, London. Distribution: Philippine Islands. Notes: (1) Schedl 1972f: 103 (to *Crossotarsus*). References: (ds) Schedl 1972f: 103. (tx) Browne 1964: 756; Schedl 1972f: 103, 1972p: 158.
- simplex Murayama** 1925b: 231. Syntypes ♂ ♀; Japan: Ayakita (Miyazaki Prov., Kyushū); Murayama Collection in USNM, Washington.

- Figures: Nobuchi 1973b:pl. 1.
 Distribution: Asia (Japan/ Korea/ Taiwan).
 Hosts: *Ilex oldhamii*, *Lindera thumbergii*, *Prunus jamasakura*, *Quercus* spp.
 References: (cn) Ishikura 1966; Kleine 1932a: 401; Murayama 1954a: 19; Shiraki 1952. (hb) Kleine 1932a: 401. (ds) Cho 1957, 1963; Choo 1953: 31; Ishikura 1966; Kleine 1932a: 401; Ko 1969: 273; Murayama 1929a: 676, 1929b: 2, 1930b: 24, 1931a, 1934f: 135, 1936a: 140–141, 1937b: 375, 1937c: 581, 1949c: 104, 1950b: 1299, 1954a: 19, 1954b: 206, 1955: 100, 105, 1957a: 37; Nobuchi 1967: 25, 1973b: 5, 1975: 105; Schedl 1972f: 105; Shiraki 1952. (tx) Beeson 1937: 77; Choo 1953: 31; Choo & Woo 1955: 163; Murayama 1925b: 231–232, 235, 1928a: 289–290, 1930b: 24, 25, 31, 1931a: 50, 1936a: 140, 1937b: 375, 1950b: 1299, 1954b: 206, 1955: 100, 105; Nobuchi 1973b: 5, pl. 1; Schedl 1934f: 1647, 1972f: 105.
- spiporanus** Schedl 1936e: 44. Lectotype ♂; Mentawai, Sopora Sereim; Schedl Collection in NHMW, Wien.
 Distribution: Asia (Malaya), Indonesia (Borneo, Mentawai, Sumatra), New Guinea.
 Hosts: *Aporosa globifera*, *Baccaura parvifolia*, *Schoutenia mastersii*, *Xerospermum* sp.
 Notes: (3) Schedl 1962f: 209 (treated in *Platytypus*).
 References: (hb) Beaver & Browne 1975: 616; Browne 1961c: 228. (ds) Beaver & Browne 1975: 616; Browne 1961c: 228; Schedl 1972f: 107. (tx) Schedl 1936e: 44–45, 1939e: 335, 1962p: 209, 1964d: 213, 1972c: 107, 1975a: 67.
- oblongirosus** Beeson 1937: 88. Holotype ♂; F.M.S.: Pahang, Raul; FRI, Dehra Dun. Synonymy: Schedl 1962p: 208.
 References: (hb) Browne 1941. (tx) Beeson 1937: 88–89; Schedl 1939c: 335, 1962p: 209, 1972f: 107.
- sira** Beeson 1937: 85. Holotype ♂; Bengal: Kurseong division, Sivakhola, 3500 ft.; FRI, Dehra Dun, not found in 1981 by SLW [20 paratypes were present].
 Distribution: Asia (Bengal in India).
 Hosts: *Albizzia stipulata*, *Cryptocarya wrightiana*, *Engelhardtia spicata*.
 Notes: (3) Schedl 1972f: 107 (treated as a subspecies of *terminatus*).
 References: (cn) Mathur & Singh 1960a: 35; Roonwal 1954: 53. (ds) Beeson 1941 (1961: 256); Mathur & Singh 1960a: 35; Roonwal 1954: 53; Schedl 1972f: 107. (tx) Beeson 1937: 85; Schedl 1939c: 365, 1972f: 107, 1978a: 67.
- spectrum** Schedl 1975f: 376. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
 Distribution: New Guinea.
 References: (tx) Schedl 1975f: 376.
- spinifer** (Sampson) 1925b: 393 (*Platytypus*). Syn-types ♂ [♀?]; Borneo: Quop, Sandakan; BMNH, London.
 Distribution: Indonesia (Borneo).
 Notes: (1) Schedl 1972f: 192 (Sampson's female belongs to a *Platytypus* species). (3) Schedl 1972f: 105 (to *Crossotarsus*).
 References: (ds) Sampson 1925b: 393; Schedl 1972f: 105, 192. (tx) Browne 1955: 365; Sampson 1925b: 393; Schedl 1939c: 4, 1972f: 105, 192.
- spinipennis** Schedl 1972i: 54. Holotype ♂; Tonolei, Bougainville District, New Guinea; CSIRO, Canberra.
 Distribution: Bougainville Island.
 References: (ds) Schedl 1972f: 103. (tx) Schedl 1972f: 103, 1972i: 54.
- squamulatus** Chapuis 1865: 87. Syntypes ♀; Java; 1 in BMNH, London, 1 in IRSNB, Brussels (Schedl 1960c: 12).
 Figures: Sampson 1912: 249 (male).
 Distribution: Asia (Bangladesh/ Burma/ Andaman Islands, Assam, Bengal in India/ Malaya/ Pakistan/ Thailand/ Tonkin Island in Vietnam and Vietnam), Bismarck Island, Indonesia (Borneo, Java, Sumatra), Philippine Islands.
 Hosts: *Acacia decurrens*, *Azelia palembanica*, *Albizzia lebbek*, *Amoora rohataka*, *Anstroboxus nitidus*, *Bauhinia* sp., *Bouea macrophylla*, *Brackenridgea hookeri*, *Bridelia tomentosa*, *Bruguiera parviflora*, *Calophyllum tetrapterum*, *Carya arborea*, *Castanopsis sumatrana*, *Cinnamomum cecidodaphne*, *Cinnamomum iners*, *Coccoceras muticum*, *Cratoxylon arborescens*, *Diospyros* sp., *Durio griffithii*, *Endospermum malaccense*, *Eugenia bernardii*, *E. grandis*, *Ficus* sp., *Fordia* sp., *Grewia* sp., *Heritiera fomes*, *Koompassia excelsa*, *Lithocarpus wallichianus*, *Melanorrhoea* sp., *Ochanostachys amentacea*, *Odina wodier*, *Palaquium* sp., *Parinarium griffithianum*, *Parkia speciosa*, *Pasania oocarpa*, *Pithecellobium* sp., *Pouteria malaccensis*, *Schoutenia accrescens*, *Shorea leprosula*, *S. maxwelliana*, *Sloetia elongata*, *Tectona grandis*, *Whitfordiodendron pubescens*.
 References: (ay) Menier 1976: 348. (bv) Menier 1976: 348. (cn) Beeson 1915: 8–11, 1918: 114–124, 1919: 1–23; Huque 1966; Kalshoven 1960d: 48; Kleine 1932a: 310, 401; Mathur & Singh 1961b: 94; Roonwal 1954: 89. (cc) Beeson 1921b: 22; Browne 1955b. (hb) Beaver & Browne 1975: 616; Beeson 1941 (1961: 256); Browne 1936a, 1941, 1955b, 1961c: 225–228; Kalshoven 1960c: 44, 1960d: 2; Kleine 1932a: 310, 401; Yunus & Hua 1980: 216. (ds) Beaver & Browne 1975: 304, 1978: 616; Beeson 1916: 106, 1921b: 22, 1937: 77–83, 1941 (1961: 256); Bhasin, Roonwal, & Singh 1958; Browne 1936a, 1961a: 316, 1961c: 225, 1966: 241, 1980b: 380; Gemminger & Harold 1872: 2697; Kalshoven 1960d: 48; Kleine

- 1932a: 310, 401; Mathur & Singh 1961b: 94; Murayama 1934f: 140; Ohno, Yoneyama, Nakazawa 1957b: 89; Roonwal 1954: 89; Sampson 1919: 106; Schedl 1936d: 6, 1936j: 22, 1937f: 15, 1966b: 87, 1971f: 150, 1972f: 107, 1974c: 262; Strohmeier 1914c: 35; Yunus & Hua 1980: 216. **(tx)** Beeson 1937: 79–80; Chapuis 1865: 87; Gardner 1932b; Nobuchi 1985: 328; Sampson 1919: 106; Schedl 1935k: 483, 1937d: 35, 1939e: 334, 1941c: 354, 1942a: 172, 1960c: 11, 1972f: 107; Strohmeier 1914c: 35.
- fragmentus* Sampson 1912: 249. Holotype ♂: Singapore; BMNH, London. Synonymy: Beeson 1937: 79.
Notes: (3) Schedl 1975a: 107 (treated as a subspecies of *fractus*).
References: **(cn)** Kalshoven 1924c, **(hb)** Browne 1935a; Murayama 1934f: 140; Sampson 1928b: 391; Strohmeier 1914c: 35. **(tx)** Beeson 1937: 79; Sampson 1912: 249–250, 1919: 106, 1928b: 391; Schedl 1933e: 105, 1935k: 483, 1972f: 107, 1975a: 107; Strohmeier 1914c: 35.
- fragmentus minor* Sampson 1925a: 2. Syntypes ♂: Tjinta Radja, Medan, Sumatra; BMNH, London. Synonymy: Schedl 1972f: 107.
References: **(ds)** Sampson 1925a: 2–3, **(tx)** Beeson 1937: 81; Sampson 1925a: 2–3; Schedl 1972f: 107.
- squamulatus squamuloides* Beeson 1937: 79. Syntypes ♂: many localities in Bengal, India; FRI, Dehra Dun. Synonymy: Schedl 1972f: 107.
References: **(cn)** Mathur & Singh 1961b: 3, **(ds)** Bhasin, Roonwal, & Singh 1958; Mathur & Singh 1961b: 3; Schedl 1969c: 58. **(tx)** Beeson 1937: 79–81; Schedl 1972f: 107, 1975a: 68.
- squamulatus sundri* Beeson 1937: 79. Syntypes ♂: Sunderbans Division, Bengal, India; FRI, Dehra Dun. Synonymy: Schedl 1972f: 107.
References: **(cn)** Chandry 1966, **(ce)** Chandry 1966, **(ds)** Chandry 1966, **(tx)** Beeson 1937: 79–80; Schedl 1972f: 107, 1975a: 68.
- subopacus* Schedl 1969b: 222. Holotype ♂: New Guinea; Watut Valley, 1200 m, Morobe District; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Aglaia* sp.
References: **(ds)** Schedl 1972f: 107, **(tx)** Schedl 1969b: 222, 1972f: 107, 1975a: 71.
- subpellucidus* Lea 1910: 134. Syntypes 2 ♂: Queensland; Cairns, Kuranda; Lea Collection.
Distribution: Australia (Queensland), New Guinea.
Hosts: *Pterocymbium beccarii*.
References: **(cn)** Smith, J. H. 1935: 3, **(ce)** Smith, J. H. 1935: 3, **(ds)** Schedl 1936g: 513, 1964c: 306, 1968f: 535, 1972a: 144, 1972f: 103, 1979a: 159; Smith, J. H. 1935: 3; Strohmeier 1912c: 7, 1914c: 35, **(tx)** Lea 1910: 134; Schedl 1942c: 165, 1950g: 894, 1972f: 103; Strohmeier 1912c: 7, 1914c: 35.
- sumbawanus* Beeson 1937: 50. Syntypes 2 ♂, 1 ♀: Sumbawa; B. Aroe Hassa, 2–5,000, Doherty; BMNH, London.
Distribution: Sunda Islands (Sumbawa).
References: **(ds)** Schedl 1972a: 102, **(tx)** Beeson 1937: 50–51; Schedl 1972f: 102.
- terminatus* Chapuis 1865: 83. Holotype ♂: Singapore; BMNH, London (Schedl 1960c: 11).
Distribution: Asia (Andaman Islands, Bengal, Uttar Pradesh in India/ Malaya/ Sri Lanka/ Taiwan), Indonesia (Borneo, Java), New Guinea.
Hosts: *Aglaia* sp., *Artocarpus elasticus*, *Calophyllum* sp., *Castanea argentea*, *Castanopsis acuminatissima*, *Cinnamomum iners*, *Cupressus macrocarpa*, *Dipterocarpus borneensis*, *D. cornutus*, *Doonia zeylanica*, *Dryobalanops oblongifolia*, *Elaeocarpus petiolatus*, *Eulandria* sp., *Eugenia* sp., *Gordonia zeylanica*, *Hevea brasiliensis*, *Lagerstroemia hypoleuca*, *Macaranga* spp., *Marumia muscosa*, *Parinarium griffithianum*, *Pasania aspericupula*, *P. sundaica*, *Pithecolobium* sp., *Quercus* sp., *Santiria griffithii*, *Scaphium* sp., *Securcarpus gardneri*, *Shorea leprosula*, *S. parvifolia*, *Swietenia macrophylla*, *Whitfordiodendron pubescens*, *Wormia triquetra*, *Xanthophyllum affine*.
Notes: (3) Schedl 1936d: 13 (described female).
References: **(cn)** Roonwal 1954: 37, **(ce)** Browne 1958b, **(hb)** Browne 1936a, 1941, 1958b, 1961c: 228; Kalshoven 1960c: 45; Yunus & Hua 1980: 216, **(ds)** Beeson 1941 (1961: 257); Browne 1936a, 1961a: 317, 1961c: 228–229, 1954b: 287; Gemminger & Harold 1872: 2697; Kalshoven 1960d: 45; Murayama 1929a: 677, 1934f: 141; Nobuchi 1967: 25, 1979a: 407; Ohno, Yoshioka, et al. 1985b: 97; Roonwal 1954: 37; Schedl 1966b: 88, 1969c: 58, 1972f: 107; Strohmeier 1912c: 6, 1914c: 35; Yunus & Hua 1980: 216, **(tx)** Beeson 1937: 84–86, 88; Chapuis 1865: 83; Murayama 1928: 288; Nobuchi 1984: 328; Sampson 1912: 249; Schedl 1936d: 13–14, 1939e: 335, 358, 1941c: 354, 1942a: 205, 1960c: 11, 1972f: 107, 1975a: 73; Strohmeier 1912c: 6, 1914c: 35.
- venustus* Chapuis 1865: 88. Holotype ♀: Ceylan; BMNH, London.
Notes: (3) Schedl 1972f: 107 (treated as a subspecies of *terminatus*), Blandford 1895a: 324 (described female).
References: **(cn)** Mathur & Singh 1960a: 40, 1960b: 20, 1961a: 33; Roonwal 1954: 19, **(hb)** Speyer 1923: 22, **(ds)** Beeson 1941 (1961: 257); Blandford 1895a; Gemminger & Harold 1872: 2697; Mathur & Singh 1960a: 40, 1960b: 20, 1961a: 33; Murayama 1934f: 140; Roonwal 1954: 19; Schedl 1959a: 513; Speyer 1923: 11–23; Strohmeier 1914c: 35, **(tx)** Beeson 1937: 84–88; Blandford 1895a: 324; Chapuis 1865: 88; Sampson 1912; Schedl 1937d: 35, 1939b: 395.

- 1939c: 335, 355, 1942a: 205, 1959a: 513, 1960c: 12, 1972f: 107–108; Strohmeier 1914c: 35.
- reinstulus reinstulus* Beeson 1937: 85. Syntypes, sex?; Ceylon: Mavagankanda, Ratnapura, 500 ft.; FRI, Delhra Dum.
- Notes: (3) Schedl 1942a: 205 (described female), 1972f: 107 (treated as a subspecies of *terminatus*).
- References: (cn) Mathur & Singh 1961a: 33, 1961b: 92, (ds) Beeson 1941 (1961: 257); Mathur & Singh 1961a: 33, 1961b: 92; Schedl 1964c: 305, (tx) Beeson 1937: 85–86; Schedl 1942a: 205, 1959a: 514, 1972f: 107, 1978a: 80.
- nicobariensis* Beeson 1937: 86. Syntypes ♂♀; Nicobars: Car Nicobar; FRI, Delhra Dum. Synonymy: Wood 1992a: 91.
- References: (cn) Mathur & Singh 1960c: 3; Roonwal 1954: 67, (ds) Mathur & Singh 1960c: 3; Roonwal 1954: 67; Schedl 1972f: 106, (tx) Beeson 1937: 86–87, 1941 (1961: 254); Schedl 1939e: 335, 1972f: 106; Wood, S. L. 1992a: 91.
- terminatus schidulus* Schedl 1972h: 66. Holotype ♂; Kulolo logging area, Wau, M. District, New Guinea; CSIRO, Canberra.
- Notes: (3) Schedl 1972f: 107 (treated as a subspecies of *terminatus*).
- References: (ds) Browne 1983a: 555; Olmo, Yoshioka, et al. 1989: 65; Schedl 1972f: 107, (tx) Schedl 1972f: 107, 1972h: 66, 1978a: 73.
- toralis* Schedl 1975f: 376. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
- Distribution: New Guinea.
- References: (tx) Schedl 1975f: 376.
- trachypennis* (Schedl) 1942a: 213 (*Trachyostus*). Lectotype ♀; Malaya, Perak, Chenderoh; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 74.
- Figures: Schedl 1972f: 104.
- Distribution: Asia (Malaya).
- Hosts: Anonaceae sp.
- Notes: (1) Browne 1962e: 644 (to *Crossotarsus*).
- References: (ds) Browne 1961c: 220; Schedl 1972f: 105, (tx) Browne 1962e: 644; Schedl 1942a: 213–214, 1963j: 486, 1972f: 104–105, 1978a: 74.
- sampsoni* Browne 1955: 366. Holotype ♂; Malay Peninsula: Kelantan, Temangan; BMNH, London. Synonymy: Schedl 1972f: 105.
- References: (hb) Browne 1961c: 221, (ds) Browne 1955: 366, 1961c: 221, (tx) Schedl 1972f: 105, 1972p: 156, 1978a: 63.
- tribunarius* Schedl 1939e: 358. Holotype ♂; Luzon, Philippine Islands; Schedl Collection in NHMW, Wien.
- Distribution: Philippine Islands (Luzon).
- References: (ds) Schedl 1966h: 89, 1972f: 108, (tx) Nobuchi 1985: 328; Schedl 1939e: 358–359, 1972f: 108, 1978a: 74.
- trigonus* Beeson 1937: 83. Holotype ♂; Damma Is.; BMNH, London.
- Distribution: Indonesia (Damma Island).
- References: (ds) Schedl 1972f: 108, (tx) Beeson 1937: 83–84; Schedl 1972f: 108.
- tumidus* Schedl 1975f: 377. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
- Distribution: New Guinea.
- References: (tx) Schedl 1975f: 377.
- ursus* Schedl 1935b: 640. Lectotype ♂; British North Borneo: Mt. Kinabalu, Kamborangah, 7000 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 78.
- Distribution: Asia (Bengal in India), Indonesia (Borneo).
- Hosts: *Engelhardtia spicata*.
- Notes: (3) Beeson 1937: 60 (*pseudoniponicus* Sampson, nomen nudum, synonymy).
- References: (ds) Schedl 1972f: 112, (tx) Beeson 1937: 69; Browne 1962e: 644, 1970: 582; Schedl 1935b: 640–641, 1939e: 333, 1960i: 111, 1972f: 112, 1978a: 78.
- deceptus* Beeson 1937: 68. Syntypes ♂; Borneo, "E.M. S"; BMNH, London. Synonymy: Schedl 1939e: 333.
- References: (tx) Beeson 1937: 68; Browne 1962e: 644; Schedl 1939e: 333, 1972f: 112.
- perceptus* Beeson 1937: 70. Syntypes ♂♀; Bengal: Kurseong, division, Sivakhola, 3500 ft.; FRI, Delhra Dum. Synonymy: Schedl 1972f: 112.
- References: (tx) Beeson 1937: 70–71, 1941 (1961: 254); Schedl 1939e: 2, 1958b: 105, 1972f: 2, 112.
- ursulus* Schedl 1960g: 111. Lectotype ♂; British North Borneo: Mt. Kinabalu, Kamborangah, 7000 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 78, automatic. Synonymy: Browne 1962e: 644.
- Notes: (1) Schedl transferred *ursus* to *Platypus*, renamed it, then transferred it back to *Crossotarsus* in 1960; because of the date on which this was done, the Code mandates that the original name be restored.
- References: (ds) Schedl 1965g: 24, (tx) Browne 1962e: 644, 1970: 582; Schedl 1960g: 111, 1965g: 24, 1972f: 112, 1978a: 78.
- rafer* Schedl 1972h: 66. Holotype ♂; Buin, Bougainville District; CSIRO, Canberra.
- Distribution: Bougainville Island.
- Hosts: *Heritiera trifolia*, *Theobroma cacao*.
- References: (ds) Schedl 1972f: 108, (tx) Schedl 1972f: 108, 1972h: 66, 1978a: 78.
- ventricornis* Schedl 1972h: 67. Holotype ♂; Warangoi, East New Britain District; CSIRO, Canberra.
- Distribution: New Britain.
- Hosts: *Canarium indicum*.

References: **(ds)** Schedl 1972f: 105. **(tx)** Schedl 1972f: 105, 1972h: 67, 1975a: 79.

ventrispinis Schedl 1969b: 222. Holotype ♂: New Guinea, Kim, 11 miles from Mt. Hagen, W.H.D.; CSIRO, Canberra.

Distribution: New Guinea.

References: **(ds)** Schedl 1972f: 105. **(tx)** Schedl 1969b: 222, 1972f: 105, 1975a: 79.

ventrosus Schedl 1973e: 94. Holotype ♂: Upper Manki logging area, Bulolo, Morobe District; CSIRO, Canberra.

Distribution: New Guinea.

Notes: (1) A lapsus calami occurred in the naming of this species. The abstract that introduces the article gives the correct name *ventrosus*, but the heading at the beginning of the description gives the name as *semicinctus*, a name previously used on p. 93 of that article, and an obvious oversight by the printer and by the author.

References: **(tx)** Schedl 1973e: 94, 1975a: 79.

vicinus Schedl 1975f: 378. Holotype, sex? Karamui, Chimbu D., New Guinea; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

Hosts: Derebe.

References: **(tx)** Schedl 1975f: 378.

wallacei (Thomson) 1858: 343 (*Platypus*). Syntypes ♂; Borneo; BMNH, London (Schedl 1960c: 5).

Figures: Schedl 1972f: 101.

Distribution: Asia (Burma/ India/ Malaya/ Singapore/ Sri Lanka/ Taiwan/ Vietnam), Indonesia (Borneo, Java, Malacca, Sumatra), New Guinea.

Hosts: *Azelia palenbanica*, *Albizia falcata*, *Artocarpus dadali*, *Bouca macrophylla*, *Calophyllum* sp., *Castanopsis* sp., *Croton argyratum*, *Dryobalanops oblongifolia*, *Elaterospermum tapos*, *Endospermum malaccense*, *Eugenia grandis*, *Fagraea gigantea*, *Girardinia* sp., *Heritiera javanica*, *Hecca brasiliensis*, *Ixonanthes reticulata*, *Koompassia excelsa*, *Litsea megacarpa*, *Ochanostachys amentacea*, *Parashorea lucida*, *Parinarium griffithianum*, *Parkia speciosa*, *Payena* sp., *Pometia pinnata*, *Pterocymbium* sp., *Scaphium affine*, *Schoutenia accrescens*, *Shorea leprosula*, *Sivictenia macrophylla*, *Whitfordiodendron pubescens*.

Notes: (3) Chapuis 1865: 53 (redescribed both sexes).

References: **(ay)** Menier 1976: 348; Strohmeier 1918: 8. **(bv)** Menier 1976: 348. **(cn)** Browne 1935b, 1949e; Corbett & Gater 1926b: 261; Kalshoven 1924b: 357, 1936a: 188; Kleine 1932a: 310, 401; Supriana et al. 1978; Yimms & Hua 1980: 216. **(ce)** Browne 1958b. **(hb)** Beaver & Browne 1978: 616; Browne 1935a, 1941, 1958b, 1961c: 222; Kalshoven 1960c: 43; Kleine 1932a: 310, 401; Mercer 1982: 210. **(ds)** Beaver & Browne 1975: 305, 1978: 616; Beeson 1961: 257; Browne 1935a, 1938b: 77–86, 1961a: 316, 1961c: 222,

1972b: 28, 1980b: 381; Chapuis 1865: 53; Corbett & Gater 1926b: 261; Gemminger & Harold 1872: 2697; Hagen 1890; Kalshoven 1924b: 357; Kleine 1932a: 310, 401; Lacordaire 1866: 389; Mercer 1982: 210; Miwa 1931: 266; Murayama 1925a: 202, 1929a: 675, 1937c: 582; Nobuchi 1967: 26; Sampson 1919: 105, 1928a: 2, 1928b: 390; Schedl 1937f: 15, 1960c: 5, 1964c: 305, 1965g: 24, 1971c: 367, 1971f: 150, 1972f: 102, 1974c: 262, 1975a: 453; Strohmeier 1911f: 203, 1912c: 4, 1914c: 33; Supriana et al. 1978; Yimms & Hua 1980: 216. **(tx)** Beeson 1937: 51, 1938b: 295; Browne 1972b: 28; Chapuis 1865: 53; Lacordaire 1866: 389; Lucas 1920: 209; Murayama 1925a: 202–203, 1925b: 235; Sampson 1919: 105, 1928a: 2, 1928b: 390; Schedl 1936e: 43, 1937d: 33, 1939b: 402, 1939e: 333, 1960c: 5, 1972f: 101–102; Strohmeier 1911f: 203, 1912c: 4, 1914c: 33; Thomson 1858: 343.

wilmoti (Stebbing) 1911b: 36 (*Platypus*). Syntypes ♂ ♀; published as Tons Valley, Jamsar, labeled Kathian, Jamsar, NWI; FRI, Dehra Dun.

Distribution: Asia (Kashmir, Uttar Pradesh in India). Hosts: *Cedrela serrata*, *Cedrus deodara*, *Pinus roxburghii*, *Populus ciliata*, *Quercus incana*.

References: **(cn)** Kleine 1932a: 310; Roonwal 1954: 59. **(cc)** Beeson 1921b: 21. **(hb)** Kleine 1932a: 310; Stebbing 1911a: 6. **(ds)** Beeson 1921b: 21, 1937: 74–76, 1961: 257; Bhasin, Roonwal, & Singh 1955; Kleine 1932a: 310; Roonwal 1954: 59; Schedl 1969c: 59, 1972f: 105; Strohmeier 1914c: 27. **(tx)** Beeson 1937: 74–76; Schedl 1972f: 105; Stebbing 1911b: (reprint p. 36), 1914: 618; Strohmeier 1914c: 27.

Genus *Carchesiopygus* Schedl

CARCHESIOPYGUS SCHEDL 1939b: 402–403. Type-species: *Crossotarsus wollastoni* Chapuis, original designation.

Notes: (1) This genus, as recognized by Schedl 1939b, 1972f, appears to be a conglomeration of unrelated species, most of which belong elsewhere.

References: **(hb)** Browne 1961c: 218; Kalshoven 1960: 31–50. **(ds)** Kendrick & Mohar 1965: 39–43; Schedl 1972f: 93. **(tx)** Browne 1962e: 647; Schedl 1939b: 402–403, 1963j: 484, 1972f: 93.

acanthurus (Beeson) 1937: 61 (*Crossotarsus*). Holotype ♂: Java: Preanger, G. Tongkoeban Prahoe, 4000–5000 ft.; Buitenzorg Museum. Distribution: Asia (Malaya), Indonesia (Java). References: **(ds)** Schedl 1972f: 95. **(tx)** Beeson 1937: 61; Browne 1962e: 647; Schedl 1972f: 95.

alternantes Schedl 1971c: 397. Holotype ♂: Borneo; Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Borneo).

References: **(ds)** Schedl 1971c: 369, 1972f: 95. **(tx)** Schedl 1971c: 369, 397–398, 1972f: 95, 1975a: 10.

- assamensis* (**Beeson**) 1937: 59 (*Crossotarsus*). Syntypes ♂ ♀; Assam: Lakhimpur division, Upper Dihing reserve; FRI, Dehra Dun, not found in 1951 by SIW [1 ♂ paratype in FRI]. Distribution: Asia (Assam in India). Hosts: *Vatica lanceaefolia*. Notes: (1) Browne 1962e: 647 (to *Carchesiopygus*). References: (**cn**) Mathur & Singh 1961b: 70, (**ds**) Beeson 1941 (1961: 253); Mathur & Singh 1961b: 70; Schedl 1969c: 59, 1972f: 95, (**tx**) Beeson 1937: 59–60; Browne 1962e: 647; Schedl 1972f: 95.
- dentipennis* **Schedl** 1964i: 246. Holotype ♂; Somarshy, New South Wales; Schedl Collection in NHMW, Wien. Distribution: Australia (New South Wales). Hosts: *Hakea sericea*. References: (**ds**) Schedl 1972f: 95, (**tx**) Schedl 1964i: 246, 1972f: 95, 1975a: 24.
- impariporus* (**Beeson**) 1937: 62 (*Crossotarsus*). Syntypes ♂; Assam: Lakhimpur division, Mokun Reserve, Upper Dihing reserve; FRI, Dehra Dun, not found in 1951 by SIW [paratypes were present]. Distribution: Asia (Assam in India/ Vietnam), Indonesia (Java). Hosts: *Dipterocarpus pilosus*, *Mallotus albus*, *Mesua ferrea*. Notes: (1) Browne 1962a: 647 (to *Carchesiopygus*). References: (**ds**) Beeson 1941 (1961: 265); Schedl 1965a: 340, 1971c: 362, 1972f: 95, 1974c: 262, (**tx**) Beeson 1937: 62–63; Browne 1962e: 647; Schedl 1939e: 333, 1962n: 647, 1972f: 95.
- lobacanthus* **Schedl** 1969c: 59. Holotype ♂; India: Kansani, Almora; FRI, Dehra Dun. Distribution: Asia (India). Hosts: *Quercus incana*. Notes: (3) Beeson 1961: 254 (*lobacanthus*, nomen nudum, synonymy in Schedl 1972f: 95). References: (**ds**) Beeson 1941: 330, 1961: 254; Schedl 1972f: 95, (**tx**) Browne 1962e: 647; Schedl 1963j: 485, 1969c: 59–60, 1972f: 95.
- multidentatus* (**Strohmeyer**) 1913: 163 (*Crossotarsus*). Syntypes ♂ ♀; Preanger, Java; Strohmeyer Collection. Figures: Schedl 1972f: 93. Distribution: Asia (Malaya), Indonesia (Java). Hosts: *Dalbergia latifolia*. References: (**ds**) Strohmeyer 1914c: 34, (**tx**) Schedl 1963j: 483, 1972f: 93, 95; Strohmeyer 1913: 163–165, 1914c: 34.
- oculatus* (**Beeson**) 1937: 62 (*Crossotarsus*). Holotype ♀; United Provinces: West Almora, Kumaon [India]; FRI, Dehra Dun. Distribution: Asia (Uttar Pradesh in India). References: (**ds**) Schedl 1972f: 95, (**tx**) Beeson 1937: 62; Browne 1962e: 647; Schedl 1972f: 95.

- psilicanthurus* (**Beeson**) 1937: 60 (*Crossotarsus*). Holotype ♂; Bengal: Kalimpong division, Samsingh, 1800 ft.; FRI, Dehra Dun. Distribution: Asia (Bengal in India). Hosts: *Cedrela serrata*. References: (**ds**) Beeson 1941 (1961: 254); Schedl 1972f: 95, (**tx**) Beeson 1937: 60; Browne 1962e: 647; Schedl 1972f: 95.
- vollastoni* (**Chapuis**) 1865: 74 (*Crossotarsus*). Syntypes 3 ♂; Borneo (Sarawak): BMNH, London (Schedl 1960c: 7). Distribution: Asia (Assam in India/ Malaya/ Vietnam), Indonesia (Sarawak in Borneo). Hosts: *Dyera costulata*, *Vatica lanceaefolia*. Notes: (3) Schedl identified a Beeson male of this species as *Crossotarsus assamensis* Beeson; synonymy? (SIW). References: (**cn**) Mathur & Singh 1961b: 70, (**ec**) Batra 1971, (**hb**) Browne 1936a, 1941; Kalshoven 1960c: 42, (**ds**) Beeson 1937: 55–59, 1941 (1961: 257); Browne 1936a, 1961c: 218; Mathur & Singh 1961b: 70; Sampson 1919: 106, 1925b: 390; Schedl 1936d: 5, 1971c: 363, 1972f: 95, 1974c: 262; Strohmeyer 1912c: 5, 1914c: 34, (**tx**) Beeson 1937: 58–59; Chapuis 1865: 25, 74–75; Sampson 1919: 106, 1925b: 390; Schedl 1939b: 394, 403, 1960c: 9, 1972f: 95; Strohmeyer 1912c: 5, 1914c: 34.

Genus *Crossotarsinulus* Schedl

- CROSSOTARSINULUS* SCHEDL 1972: 54–57. Type-species: *Crossotarsus sauteri* Strohmeyer, original designation. References: (**tx**) Schedl 1972f: 54–57.
- sauteri* (**Strohmeyer**) 1913: 164 (*Crossotarsus*). Syntypes ♂ ♀; Kosenpo, Formosa; SMTD, Dresden, and IPKE, Eberswalde. Distribution: Asia (Taiwan). References: (**ds**) Murayama 1925a: 207–208, 1929a: 676; Nobuchi 1967: 25; Schedl 1972f: 87; Strohmeyer 1914c: 35, (**tx**) Murayama 1925a: 207–208, 1925b: 235; Schedl 1972f: 85–87; Strohmeyer 1913: 164, 1914c: 35.

Genus *Spathicranuloides* Schedl

- SPATHICRANULOIDES* SCHEDL 1972h: 71. Type-species: *Spathicranuloides moikui* Schedl, original designation. References: (**ds**) Schedl 1972f: 135–137, (**tx**) Schedl 1972f: 135–137, 1972h: 71–72.
- Spathicranuloides* Schedl 1972f: 135. Type-species: *Spathicranuloides moikui* Schedl, original designation, preoccupied by Schedl 1972h. References: (**tx**) Schedl 1972f: 135–137.
- moikui* **Schedl** 1972h: 72. Holotype ♂; Tonolei, Bougainville District; CSIRO, Canberra. Figures: Schedl 1972f: 135. Distribution: Bougainville Island. References: (**tx**) Schedl 1972f: 135, 1972h: 71–72.

Genus *Trachyostus* Schedl

TRACHYOSTUS SCHEDL 1939b: 397, 400. Type-species: *Platypus schaufussi* Strohmeyer, subsequent designation by Browne 1962c: 646.

Keys: Browne 1962c: 646 (adults), Roberts 1962a: 29 (larvae).

References: (ay) Nobuchi 1969a: 69. (hb) Browne 1960: 213, 1961c: 218–221; Roberts 1965: 325–352; Schedl 1962k: 69S, 1972f: 87, 1977b: 253. (ds) Schedl 1962k: 69S, 1966b: 104, 1972f: 87, 1977b: 253. (tx) Browne 1962c: 646, 1972a: 184; Roberts 1962a: 29, 1962b: 241–244; Schedl 1939b: 397, 400, 1939p: 25S, 1952i: 7, 1957d: 225, 1962h: 65, 1962k: 69S, 1963j: 483, 1964b: 425, 1972f: 87, 1977b: 253.

antongilis Schedl 1961c: 166. Holotype ♂; Madagascar, S. Baie Antongil, Humblot; MNHN, Paris. Figures: Schedl 1972f: 86.

Distribution: Madagascar.

References: (ds) Schedl 1972f: 88, 1977b: 254. (tx) Schedl 1961c: 166, 1972f: 88, 1977b: 254, 1978a: 12.

ater (Strohmeyer) 1911g: 230 (*Platypus*). Syntypes 3 ♂; Madagascar (Antongil Bai); IPKE, Eberswalde.

Distribution: Madagascar.

Notes: (1) Schedl 1972f: 88 (to *Trachyostus*).

References: (ds) Schedl 1972f: 88; Strohmeyer 1912c: 14, 1914c: 26. (tx) Schedl 1955i: 213, 1972f: 88; Strohmeyer 1911g: 230–231, 1912c: 14, 1914c: 26.

aterrimus (Schaufuss) 1897b: 107 (*Platypus*). Syntypes ♂; Gabon; IPKE, Eberswalde.

Figures: Mayne & Donis 1962: 291.

Distribution: Africa (Cameroon/ Congo/ Gabon/ Ghana/ Kenya/ Nigeria/ Sierra Leone/ Tanzania/ Uganda/ Zaïre).

Hosts: Schedl 1962k: 700–702 (45 host species listed).

References: (ay) Roberts 1962a: 699. (bv) Roberts 1962a: 699. (cn) Kudler 1978: 16; Roberts 1962a: 699. (ce) Akambi 1978: 123; Roberts 1969a; Schedl 1962k: 699. (hb) Gardner 1957: 29; Roberts 1961: 8, 1962a: 29, 1967; Schedl 1962k: 699; Strohmeyer 1911a: 182. (ds) Collart 1934: 248; Mayne & Donis 1960: 100, 1962: 29; Roberts 1962a: 699, 1965: 189, 1969b: 120; Schedl 1933f: 193–194, 1962k: 699, 1964f: 619, 1966c: 230, 1971g: 196, 1972f: 88; Strohmeyer 1911a: 182, 1912c: 14, 1914c: 26; Thompson, G. H. 1963: 69. (tx) Mayne & Donis 1962: 291; Roberts 1962a; Sampson 1924c: 130; Schaufuss 1897b: 107–108; Schedl 1933f: 193–194, 1937d: 40, 1941d: 381, 1941e: 154, 1950d: 5, 1953g: 243, 1954e: 59, 1962k: 699, 1964j: 49, 1972f: 88; Strohmeyer 1911a: 182, 1912c: 14, 1913: 161, 1914c: 26.

vastus Strohmeyer 1911g: 229 (*Platypus*). Holotype ♂; Kamerun; Strohmeyer Collection. Synonymy: Schedl 1972f: 88.

References: (tx) Schedl 1972f: 88; Strohmeyer 1911g: 229.

aterrimus minor Roberts 1965: 225. Holotype ♂; river valleys south of Jos Plateau, N. Nigeria; BMNH, London, preoccupied by Schedl 1962.

References: (hb) Roberts 1967. (ds) Roberts 1968: 189; Schedl 1972a: 88. (tx) Roberts 1965: 225; Schedl 1972a: 88.

carinatus Schedl 1962h: 73. Holotype ♂; South Nigeria, Sapale; BMNH, London.

Distribution: Africa (Ghana/ Nigeria).

Hosts: *Ficus asperifolia*.

References: (hb) Roberts 1967. (ds) Roberts 1968: 189, 1969b: 120; Schedl 1962h: 63, 1962k: 710, 1972f: 89. (tx) Schedl 1962h: 73, 1962k: 710, 1972f: 89, 1978a: 18.

decellei Schedl 1962k: 710. Holotype ♂; Congo Belge; Yangambi; Schedl Collection in NHMW, Wien.

Figures: Schedl 1962k: 711 (male).

Distribution: Africa (Zaïre).

Hosts: *Scorodophloeus zenkeri*.

References: (ds) Schedl 1962k: 710, 1972f: 89. (tx) Schedl 1962k: 711, 1972f: 89, 1978a: 23.

fecundus (Sampson) 1924c: 130 (*Platypus*). Holotype ♂; Belgian Congo; Haut Uele and Moto; MRCB, Tervuren.

Distribution: Africa (Uganda/ Zaïre).

Hosts: *Albizzia* spp.

Notes: (1) Schedl 1972f: 89 (to *Trachyostus*).

References: (ds) Gardner 1957a: 30; Schedl 1933f: 195, 1962k: 712, 1972f: 89. (tx) Sampson 1924c: 130–131; Schedl 1933f: 195, 1955i: 213, 1962k: 712, 1972f: 89.

fecundus ovalis Schedl 1962k: 713. Holotype ♂; Congo Belge; Yangambi; Schedl Collection in NHMW, Wien.

Notes: (3) This appears to be an aberration.

References: (ds) Mayne & Donis 1960: 100, 1962: 290; Schedl 1972f: 89. (tx) Schedl 1962k: 713, 1972f: 89, 1978a: 30.

fecundus transversus Schedl 1962k: 713. Holotype ♂; Congo Belge; Mayidi; Schedl Collection in NHMW, Wien.

Notes: (3) This appears to be an aberration.

References: (ds) Schedl 1962k: 713, 1972f: 89. (tx) Schedl 1972f: 89, 1978a: 30.

ghanaensis Schedl 1959b: 235. Holotype ♂; Gold Coast, Wiawso; BMNH, London.

Figures: Roberts 1960: pls. 1, 3–4.

Distribution: Africa (Ghana/ Guinea/ Ivory Coast/ Liberia).

Hosts: *Triplochiton scleroxylon*.

References: (ay) Roberts 1961c; Schedl 1962k: 713. (bv) Bletchly 1961: 16; Jones 1960c: 231; Nemmann & Harris 1974: 136; Roberts 1960a, 1960b, 1960i, 1962b: 241. (cn) Atuahene 1970; Jones 1960a: 93–94, 1960d: 3; Jones et al. 1959: 10; Kudler 1978: 15; Roberts 1960a, 1960b, 1960i,

- 1966a; Thompson, G. H. 1959b: 420. (**cc**) Browne 1961c: 7–8; Roberts 1960a, 1960b, 1960i: 5, 1961c: 8–34, 1962a: 29–40, 1962b: 241–244. (**hb**) Browne 1961c: 7, 1965b; Duffy 1956: 198–200; Jones et al. 1959: 10; Roberts 1960a: 10, 1960b, 1960i: 5, 1961a, 1962b: 241–244, 1967; Schedl 1972k: 713; Thompson, G. H. 1963: 69. (**ds**) Bletchly 1961: 16; Browne 1960a; Duffy 1956: 198–200; Roberts 1960a: 10, 1960b, 1960i: 5, 1961b: 32, 1966a; Schedl 1962k: 713, 1972c: 286, 1972f: 89; Thompson, G. H. 1959b: 420, 1963: 69. (**tx**) Roberts 1960a, 1960i: pls. 1, 3–4; Schedl 1959b: 235, 1962c: 244, 1962k: 713, 1972f: 89, 1975a: 32.
- interstitialis** Schedl 1964j: 49. Holotype ♂; Ghana: Bibiani; BMNH, London.
Distribution: Africa (Ghana).
References: (**hb**) Roberts 1962a: 33, 1967. (**ds**) Schedl 1972f: 89. (**tx**) Schedl 1962k: 727, 1964j: 49, 1972f: 89, 1975a: 35.
- nobilis** (Schaufuss) 1897a: 221 (*Platyypus*). Syntypes 3 ♂; Madagascar: Diego Suarez; Hamburg Museum, lost.
Distribution: Madagascar.
References: (**ds**) Alluaud 1900: 441; Schedl 1972f: 89, 1977b: 254; Strohmeier 1912c: 16, 1914c: 27. (**tx**) Numberg 1961b: 625, 1964a: 237; Schaufuss 1897a: 221–222; Schedl 1964j: 49, 1967f: 149, 1972f: 89, 1977b: 254; Strohmeier 1912c: 16, 1914c: 27.
- punctatus** Strohmeier 1911g: 229. Syntypes 2 ♂, 2 ♀; Madagascar: Diego Suarez; Strohmeier Collection. Synonymy: Schedl 1962p: 210.
References: (**tx**) Schedl 1933f: 195, 1952i: 22, 1962p: 210, 1972f: 89; Strohmeier 1911g: 229–230.
- schaufussi** (Strohmeier) 1913: 161 (*Platyypus*). Syntypes ♂ ♀; Kilimandjaro; Strohmeier Collection. Figures: Bright 1972d: 19, Numberg 1961b: 632, Schedl 1962k: 798, 1972f: 86.
Distribution: Africa (Cameroon/ Congo/ Equatorial Guinea/ Gabon/ Ghana/ Ivory Coast/ Kenya/ Malawi/ Nigeria/ Sierra Leone/ Tanzania/ Togo/ Uganda/ Zaire), Antilles Islands (introduced: Jamaica).
Hosts: Schedl 1962k: 730–732 (51 host species listed), 1962k: 735–738 (53 host species listed).
References: (**ay**) Menier 1976: 348; Strohmeier 1918: 34. (**bv**) Menier 1976: 348. (**cn**) Thompson, G. H. 1960; Webb & Jones 1958: 353. (**cc**) Roberts 1969a. (**hb**) Beaver & Loytyniemi 1955b: 117; Thompson, G. H. 1963: 69; Webb & Jones 1958: 353. (**ds**) Beaver & Loytyniemi 1955b: 117; Bright 1972d: 14; Browne 1961: 8, 1972c: 101; Gardner 1957a: 30; Jones, Roberts, & Baker 1959: 13–14, 23, 36, 55; Lee 1971: 30; Mayne & Donis 1960: 100, 1962: 290; Roberts 1960b: 36, 40, 1960e, 1960f, 1962a: 33, 1968: 189; Schedl 1933f: 195, 1938d: 400, 452, 1972f: 89, 1979b: 417; Strohmeier 1914c: 27; Thompson, G. H. 1960e, 1963: 69. (**tx**) Bright 1972d: 14, 19: Browne 1962e: 646; Numberg 1961b: 632; Sampson 1924c: 131; Schedl 1933f: 195, 1937d: 40, 1939b: 394, 400–401, 1939p: 288, 1941d: 381, 1941e: 154, 1950e: 212, 1953g: 243, 1954d: 874, 1954e: 48, 59, 1962h: 65, 1962k: 798, 1962n: 698, 1964h: 425, 1972f: 86, 89; Strohmeier 1913: 161, 1914c: 27.
- ugandensis** Numberg 1961b: 624 (*Platyypus*). Holotype ♀; Uganda, Kampala; BMNH, London. Synonymy: Schedl 1972f: 89.
References: (**tx**) Numberg 1961b: 624, 632; Schedl 1962h: 65, 1962k: 718, 1972f: 89.
- schaufussi major** Schedl 1962k: 734. Holotype ♂; Congo Belge: Kasai, Makumbi; Schedl Collection in NHMW, Wien.
References: (**ds**) Schedl 1972f: 89. (**tx**) Schedl 1962k: 734, 1972f: 89, 1975a: 64.
- schaufussi minor** Schedl 1962k: 735. Syntypes ♂; Gold Coast: Koforidua; Schedl Collection in NHMW, Wien.
References: (**hb**) Roberts 1967. (**ds**) Mayne & Donis 1960: 100, 1962: 292; Roberts 1968: 189, 1969b: 121; Schedl 1967e: 221, 1972c: 256, 1972f: 89; Thompson, G. H. 1963: 69; Webb & Jones 1957: 37, 41. (**tx**) Schedl 1954e: 59, 1962k: 738, 1972f: 89, 1975a: 64.
- schaufussi medius** Schedl 1962k: 734. Lectotype ♂; Gold Coast, Sunyani; Schedl Collection in NHMW, Wien.
References: (**bv**) Loytyniemi, Beaver, & Loytyniemi 1955: 28. (**hb**) Loytyniemi, Beaver, & Loytyniemi 1955: 29; Roberts 1967; Schedl 1962k: 734. (**ds**) Mayne & Donis 1960: 100, 1962: 292; Roberts 1962: 33–35, 1968: 189, 1969b: 121; Schedl 1962h: 63, 1964f: 619, 1971f: 196, 1972c: 286, 1972f: 89; Webb & Jones 1957: 36, 39, 41. (**tx**) Schedl 1952j: 6, 1954e: 59, 1962k: 734, 1972f: 89, 1975a: 64.
- schoutedeni** (Schedl) 1933f: 195 (*Platyypus*). Syntypes ♂; Mongwalu (Kilo), Kwamouth, Sankuru; Komi; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: Schedl 1962k: 740–742 (20 host species listed).
Notes: (1) Schedl 1975a: 64 (type restricted to Tervuren specimens).
References: (**cc**) Schedl 1962k: 740. (**hb**) Schedl 1962k: 740. (**ds**) Mayne & Donis 1960: 100, 1962: 292; Schedl 1933f: 195, 1962k: 740, 1972f: 89. (**tx**) Schedl 1933f: 195, 1962k: 740, 1964j: 49, 1972f: 89, 1975b: 64.
- similis** Numberg 1967b: 330. Holotype ♀; Elisabethville; MRCB, Tervuren.
Figures: Numberg 1967: pl. 5, fig. 4.
Distribution: Africa (Zaire).
References: (**tx**) Numberg 1967b: 330, 339.
- tomentosus** (Strohmeier) 1911g: 231 (*Platyypus*). Holotype ♂; Kamerun; MNB, Berlin.

Figures: Schedl 1962k: 743.

Distribution: Africa (Cameroon/ Ghana/ Nigeria/ Togo/ Zaïre).

Hosts: *Scorodophloeus zenkeri*.

Notes: (3) Schedl 1962h: 73 (described female).

References: (bb) Roberts 1967, (ds) Roberts 1962a: 33, 1968: 159, 1969b: 121; Schedl 1962h: 63, 1972k: 742, 1972f: 89; Strohmeier 1912c: 19, 1914c: 29, (tx) Schedl 1962h: 73, 1962k: 742–743, 1972f: 89, 1975a: 74; Strohmeier 1911g: 231–232, 1912c: 19, 1914c: 29.

Genus *Neotrachyostus* Browne

NEOTRACHYOSTUS BROWNE 1962c: 645. Type-species:

Platypus abbreviatus Chapuis, original designation.

References: (ds) Schedl 1972f: 90, (tx) Browne 1962c: 645; Schedl 1972f: 90.

abbreviatus (Chapuis) 1865: 28, 35, 106 (*Platypus*). Syntypes ♂ ♀; Bresil; 2 ♂, 1 ♀ in BMNH, London, 2 ♂ in IRSNB, Brussels (Schedl 1960c: 13). Distribution: South America (Brazil).

Notes: (3) Browne 1962c: 645 (to *Neotrachyostus*).

References: (ay) Menier 1976: 348, (bv) Menier 1976: 348, (ds) Blackwelder 1947: 758; Schedl 1933c: 166, 1972f: 92, 1976a: 57; Strohmeier 1912c: 8, 1914c: 22, (tx) Browne 1962c: 645; Chapuis 1865: 28, 35, 106; Lucas 1920: 521; Schedl 1933c: 166, 1937b: 399, 1939p: 288, 1960c: 13, 1972f: 92; Strohmeier 1912c: 8, 1914c: 22, (ms) Lucas 1920: 521.

abdominalis (Schedl) 1936i: 99 (*Platypus*). Holotype ♂; Brasil, Nova Teutonia; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

Notes: (3) Schedl 1972f: 92 (to *Neotrachyostus*, described female).

References: (ds) Blackwelder 1947: 758; Schedl 1972g: 51, (tx) Schedl 1936i: 99–100, 1972f: 92, 1972g: 51, 1978a: 9.

acutidens (Blandford) 1895e: 96 (*Platypus*). Syntypes 4, ♂ ♀; Guatemala, Capetillo; BMNH, London.

Distribution: North America (Guatemala).

Notes: (1) Browne 1962c: 646 (to *Neotrachyostus*).

References: (ds) Blackwelder 1947: 758; Equihua & Atkinson 1957: 14; Schedl 1972f: 92; Strohmeier 1912c: 8, 1914c: 23, (tx) Blandford 1895e: 93–96; Browne 1962c: 646; Equihua & Atkinson 1957: 14; Schedl 1933a: 938, 1939b: 399, 1972f: 92; Strohmeier 1912c: 8, 1914c: 23.

concarvus (Chapuis) 1865: 108 (*Platypus*). Holotype ♀; Bresil; BMNH, London (Schedl 1960c: 13).

Distribution: South America (Brazil).

Notes: (1) Browne 1962c: 645 (to *Neotrachyostus*).

References: (ds) Blackwelder 1947: 759; Schedl 1972f: 92; Strohmeier 1912c: 8, 1914c: 22, (tx) Browne 1962c: 645; Chapuis 1865: 108–109; Schedl 1960c: 13, 1972f: 92; Strohmeier 1912c: 8, 1914c: 22.

digitalis (Chapuis) 1865: 111 (*Platypus*). Syntypes 4 ♂; Bresil meridional, Nova Fribourg; IRSNB, Brussels (Schedl 1960c: 14).

Distribution: South America (Brazil).

Notes: (1) Browne 1962c: 645 (to *Neotrachyostus*).

References: (ds) Blackwelder 1947: 759; Schedl 1972f: 92; Strohmeier 1912c: 8, 1914c: 22, (tx) Browne 1962c: 645; Chapuis 1865: 111; Reichardt 1964: 85; Schedl 1960c: 14, 1972f: 92; Strohmeier 1912c: 8, 1914c: 22.

distinctus (Chapuis) 1865: 111 (*Platypus*). Holotype ♂; Para; IRSNB, Brussels (Schedl 1960c: 14). Distribution: South America (Bolivia/ Brazil).

Notes: (1) Browne 1962c: 645 (to *Neotrachyostus*).

References: (ds) Blackwelder 1947: 759; Schedl 1972f: 92; Strohmeier 1912c: 8, 1914c: 22, (tx) Browne 1962c: 645; Chapuis 1865: 111–112; Schedl 1960c: 14, 1972f: 92; Strohmeier 1912c: 8, 1914c: 22.

dohrni (Chapuis) 1865: 115 (*Platypus*). Holotype ♂; Mexico; not found at BMNH, London, or IRSNB, Brussels (Schedl 1960c: 15).

Distribution: North America (Mexico).

Notes: (1) Browne 1962c: 646 (to *Neotrachyostus*).

References: (ds) Blackwelder 1947: 759; Blandford 1895b: 96; Equihua & Atkinson 1957: 14; Schedl 1972f: 92; Strohmeier 1912c: 8, 1914c: 23, (tx) Blandford 1895b: 96; Browne 1962c: 646; Chapuis 1865: 115–116; Equihua & Atkinson 1957: 14; Schedl 1939b: 399, 1939p: 288–289, 1940a: 323, 1960c: 15, 1962c: 646, 1972f: 92; Strohmeier 1912c: 8, 1914c: 23.

filiformis (Chapuis) 1865: 116 (*Platypus*). Syntypes 2 ♀; Mexico; IRSNB, Brussels (Schedl 1960c: 15). Distribution: North America (Mexico).

References: (ds) Blackwelder 1947: 759; Blandford 1896c; Equihua & Atkinson 1957: 14; Schedl 1972f: 92; Strohmeier 1912c: 8, 1914c: 23, (tx) Blandford 1896c: 97; Browne 1962c: 646; Chapuis 1865: 116–117; Equihua & Atkinson 1957: 14; Schedl 1940a: 323, 1960c: 15, 1972f: 92; Strohmeier 1912c: 8, 1914c: 23.

fuscifrons (Chapuis) 1865: 110 (*Platypus*). Holotype ♀; Bresil (Ega); BMNH, London (Schedl 1960c: 14).

Distribution: South America (Brazil).

Notes: (1) Browne 1962c: 645 (to *Neotrachyostus*).

References: (ds) Blackwelder 1947: 759; Schedl 1972f: 92; Strohmeier 1912c: 8, 1914c: 23, (tx) Browne 1962c: 645; Chapuis 1865: 110–111; Schedl 1960c: 14, 1972f: 92; Strohmeier 1912c: 8, 1914c: 23.

lobatus (Chapuis) 1865: 109 (*Platypus*). Syntypes ♂; Cayenne; 1 in MNB, Berlin, 2 in IRSNB, Brussels, 1 in BMNH, London (Schedl 1960c: 14).

Distribution: South America (Brazil/ Cayenne/ Venezuela).

Notes: (1) Browne 1962c: 645 (to *Neotrachyostus*).

References: (ds) Blackwelder 1947: 759; Schedl 1972f: 92; Strohmeier 1912c: 8, 1914c: 23, (tx) Browne 1962c: 645; Chapuis 1865: 110–111; Schedl 1960c: 14, 1972f: 92; Strohmeier 1912c: 8, 1914c: 23.

lobatus (Chapuis) 1865: 109 (*Platypus*). Syntypes ♂; Cayenne; 1 in MNB, Berlin, 2 in IRSNB, Brussels, 1 in BMNH, London (Schedl 1960c: 14).

Distribution: South America (Brazil/ Cayenne/ Venezuela).

Notes: (1) Browne 1962c: 645 (to *Neotrachyostus*).

References: **(ds)** Blackwelder 1947: 789; Schedl 1960a: 78, 1972f: 92, 1976a: 57; Strohmeier 1912c: 8, 1914c: 23, **(tx)** Browne 1962e: 645; Chapuis 1865: 109; Schedl 1937d: 37, 1952a: 443, 1960c: 13–14, 1972f: 90, 92; Strohmeier 1912c: 8, 1914c: 23.

obliquus Wood 1966b: 49. Holotype ♂: Volcan, Puntarenas Prov., Costa Rica; Wood Collection. Figures: Wood 1966b: 47 (male).

Distribution: North America (Costa Rica).
References: **(ds)** Equihua & Atkinson 1987: 14; Schedl 1972f: 92, **(tx)** Equihua & Atkinson 1987: 14; Schedl 1972f: 92; Wood, S. L. 1966b: 47, 49–50.

pacificus (Chapuis) 1865: 118 (*Platypus*). Holotype ♀; Cayenne; IRSNB, Brussels (Schedl 1960c: 15). Distribution: South America (Cayenne/Venezuela).

References: **(ds)** Blackwelder 1947: 790; Schedl 1933c: 170, 1972f: 92; Strohmeier 1912c: 8, 1914c: 23, **(tx)** Browne 1962e: 646; Chapuis 1865: 118–119; Numberg 1939: 241; Schedl 1960c: 15, 1972f: 92; Strohmeier 1912c: 8, 1914c: 23.

putzeysi (Chapuis) 1865: 28, 117 (*Platypus*). Syntypes 2 ♀; Mexico, Toxpan, Oaxaca; BMNH, London (Schedl 1960c: 15).

Distribution: North America (Guatemala/Oaxaca, Veracruz in Mexico).

Notes: (1) Browne 1962e: 646 (to *Trachyostus*).
References: **(ds)** Blackwelder 1947: 790; Blandford 1896e: 97; Equihua & Atkinson 1987: 14; Schedl 1972f: 92; Strohmeier 1912c: 8, 1914c: 23, **(tx)** Blandford 1897e: 97; Browne 1962e: 646; Chapuis 1865: 117–118; Equihua & Atkinson 1987: 14; Schedl 1940a: 323, 1960c: 15, 1972f: 92; Strohmeier 1912c: 8, 1914c: 23; Wood, S. L. 1966.

quadrilobus (Blandford) 1895b: 95 (*Platypus*). Syntypes 4 ♂; Costa Rica, Irazu; BMNH, London. Figures: Schedl 1962g: 1036.

Distribution: North America (Costa Rica).

Hosts: Logs.

Notes: (1) Browne 1962e: 645 (to *Neotrachyostus*).
(3) This species does not belong to this genus (SLW).

References: **(ds)** Blackwelder 1947: 790; Equihua & Atkinson 1987: 14; Schedl 1933c: 166, 1972f: 92; Spahr 1981: 79; Strohmeier 1912c: 8, 1914c: 23, **(tx)** Blandford 1895b: 93, 95–96; Browne 1962e: 645; Equihua & Atkinson 1987: 14; Numberg 1939: 241; Schedl 1962g: 1036, 1972f: 92; Strohmeier 1912c: 8, 1914c: 23.

springi (Chapuis) 1865: 112 (*Platypus*). Syntypes 1 ♂, 1 ♀; Colombia; IRSNB, Brussels (Schedl 1960c: 14).

Distribution: South America (Colombia).

Notes: (1) Browne 1962e: 645 (to *Neotrachyostus*).
References: **(ds)** Blackwelder 1947; Schedl 1972f: 92; Strohmeier 1912c: 8, 1914c: 23, **(tx)** Browne 1962e: 645; Chapuis 1865: 112–114; Schedl 1960c: 14, 1972f: 92; Strohmeier 1912c: 8, 1914c: 23.

Genus *Platyscapulus* Schedl

PLATYSCAPULUS SCHEDL 1957d: 125. Type-species: *Platypus carinulatus* Chapuis, automatic, subsequent designation by Wood 1992b: 90.

Platyscapus Schedl 1939b: 397, 399. Type-species: *Platypus carinulatus* Chapuis, subsequent designation by Wood 1990b: 90, preoccupied by Huistache 1921.

References: **(tx)** Browne 1962c: 652; Kalshoven 1960: 31–50; Schedl 1939b: 397, 399, 1939k: 718, 1957d: 125; Wood, S. L. 1979a: 1, 1992b: 90.

Costaroplatus Numberg 1963c: 109. Type-species: *Costaroplatus shenefelti* Numberg, original designation. Synonymy: Wood 1979a: 1.

References: **(tx)** Numberg 1963c: 109; Schedl 1969f: 555; Wood, S. L. 1979a: 1, 1992b: 90.

Notes: (3) A generic revision of Platypodidae is in progress; the species listed below are transferred into *Platyscapulus* in that study (SLW).

References: **(tx)** Browne 1961c: 212–213, 1962e: 652; Schedl 1957d: 125; Wood, S. L. 1979a: 1, 1992b: 90.

abditulus (Wood) 1966b: 50 (*Platypus*). Holotype ♂; near Moravia, Cartago Prov., Costa Rica, 1500 feet; Wood Collection.

Figures: Wood 1966b: figs. 5–6.

Distribution: North America (Costa Rica).

References: **(ds)** Equihua & Atkinson 1982: 18; Schedl 1972f: 235, **(tx)** Equihua & Atkinson 1987: 18; Schedl 1972f: 235; Wood, S. L. 1966b: 47–50.

abditus (Schedl) 1936c: 246 (*Platypus*). Holotype ♂; Brazil; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: **(ds)** Blackwelder 1947: 788, **(tx)** Schedl 1936c: 246, 1972f: 235; Wood, S. L. 1966b: 50.

transitus Schedl 1978b: 309. Holotype ♂; Brasilien, Linhares, E. Santo; Schedl Collection in NHMW, Wien. Synonymy: Wood 1992b: 90.

References: **(ds)** Schedl 1972f: 235, **(tx)** Schedl 1936c: 246, 1972f: 235, 1978b: 309; Wood, S. L. 1992b: 90.

carinulatus (Chapuis) 1865: 231 (*Platypus*). Syntypes 1 ♂, 1 ♀; Bresil, Ega; BMNH, London.

Distribution: South America (Brazil/ Cayenne/ Suriname).

Notes: (3) Schedl 1976a: 87 (described female).

References: **(ds)** Blackwelder 1947: 789; Gemminger & Harold 1872: 2697; Reichardt 1964: 145; Schedl 1960a: 79, 1966f: 92, 1970e: 86, 1972f: 235, 1972g: 47; Strohmeier 1912c: 14, 1914c: 26, **(tx)** Chapuis 1865: 135; Lucas 1920: 522; Schedl 1960a: 79, 1960c: 43, 1972f: 235, 1976a: 87; Strohmeier 1912c: 14, 1914c: 26, **(ms)** Lucas 1920: 522.

- costellatus (Schedl)** 1933c: 175 (*Platypus*). Holotype ♂; Brazil, Ypiranga; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (ds) Blackwelder 1947: 789; Schedl 1933c: 175, 1966f: 92, 1970e: 86, 1972f: 235, 1972g: 47, 1976a: 57, (tx) Reichardt 1962: 333, 335; Schedl 1933c: 175, 1962q: 493, 1972f: 235, 1978a: 22.
- luederwaldti** Schedl 1933c: 177 (*Platypus*). Holotype ♀; Brazil, Ypiranga; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1962q: 493.
References: (ds) Blackwelder 1947: 789; Schedl 1933c: 177, (tx) Reichardt 1962q: 333; Schedl 1933c: 177, 1962q: 493, 1972f: 235, 1978a: 41.
- calix** Schedl 1934e: 212 (*Platypus*). Syntypes ♀; Brasilien: Alto da Serra, 700 m; Hamburg Museum, lost, and Schedl Collection in NHMW, Wien. Synonymy: Schedl 1962q: 493.
Notes: (1) Schedl 1975a: 17–18 (citation of holotype invalid).
References: (ds) Blackwelder 1947: 789, (tx) Schedl 1934e: 212, 1962q: 493, 1972f: 235, 1978a: 17.
- frontalis (Blandford)** 1896e: 113 (*Platypus*). Holotype ♀; Bugaba, Panama; BMNH, London.
Figures: Blandford 1896e: pl. 4, fig. 25.
Distribution: North America (Guatemala/ Panama), South America (Brazil).
References: (ds) Blackwelder 1947: 789; Equihua & Atkinson 1987: 23; Schedl 1933c: 177, 1966f: 77, 1972f: 235, 1972g: 48, 1976a: 57; Strohmeier 1912c: 19, 1914c: 29, (tx) Blandford 1896e: 113; Equihua & Atkinson 1987: 23; Schedl 1972f: 235; Strohmeier 1912c: 19, 1914c: 29.
- manus (Schedl)** 1936c: 247 (*Platypus*). Holotype ♂; Brazil; Schedl Collection in NHMW, Wien.
Figures: Reichardt 1962: 335.
Distribution: South America (Bolivia/ Brazil/ Guyana).
References: (ds) Blackwelder 1947: 790; Schedl 1960a: 79, 1970f: 582, 1972f: 235, 1973a: 369, (tx) Reichardt 1962: 335–336; Schedl 1936c: 247, 1972f: 235, 1978a: 42.
- pulchellus (Chapuis)** 1865: 230 (*Platypus*). Holotype ♀; de Mexico; IRSNB, Brussels (Schedl 1960c: 43).
Distribution: North America (Belize/ Costa Rica/ Guatemala/ Honduras/ Chiapas, Nayarit, Veracruz in Mexico/ Panama), South America (Brazil/ Guyana/ Suriname/ Venezuela).
Hosts: *Gossypiospermum proceox*.
References: (ce) Equihua & Atkinson 1986: 625, (hb) Equihua & Atkinson 1986: 625, (ds) Atkinson & Equihua 1986a: 423, 1988: 104; Blackwelder 1947: 790; Blandford 1896i: 112; Cola 1973; Equihua 1988: 144; Equihua & Atkinson 1986: 625, 1987: 27; Estrada & Atkinson 1985: 213; Ferrer 1942; Gemminger & Harold 1872: 2700; Numberg 1963c: 107; Reichardt 1965b: 160; Schedl 1933c: 174, 1960a: 78, 1963c: 160, 1972f: 235; Strohmeier 1912c: 14, 1914c: 26, (tx) Blandford 1895b: 93–95, 1896c: 112; Chapuis 1865: 230; Equihua & Atkinson 1987: 27; Schedl 1936c: 247, 1939b: 399, 1940a: 327, 1956b: 30, 1960c: 43, 1972f: 235; Strohmeier 1912c: 14, 1914c: 26.
- pulcher (Chapuis)** 1865: 249 (*Platypus*). Holotype ♀; du Bresil; BMNH, London.
Distribution: North America (Mexico), South America (Brazil/ Venezuela).
Notes: (3) Schedl 1933a: 401 (described male).
References: (ds) Blackwelder 1947: 790; Equihua & Atkinson 1987: 27; Ferrer 1942; Gemminger & Harold 1872: 2700; Schedl 1933c: 177, 1972f: 235; Strohmeier 1912c: 16, 1914c: 27, (tx) Chapuis 1865: 249; Equihua & Atkinson 1987: 27; Schedl 1933a: 401, 1936c: 234, 1937d: 40, 1940a: 327, 1941c: 156, 1960c: 47, 1972f: 235; Strohmeier 1912c: 16, 1914c: 27.
- pusillimus (Chapuis)** 1865: 232 (*Platypus*). Holotype ♂; du Bresil, Bahia; IRSNB, Brussels (Schedl 1960c: 43).
Distribution: South America (Brazil/ Guyana).
References: (ds) Blackwelder 1947: 790; Gemminger & Harold 1872: 2700; Schedl 1972f: 235, 1972g: 50, 1976a: 58; Strohmeier 1912c: 14, 1914c: 26, (tx) Chapuis 1865: 232; Schedl 1959m: 556, 1960c: 43, 1972f: 235, 1978a: 59; Strohmeier 1912c: 14, 1914c: 26.
- shenefelti (Numberg)** 1963c: 110 (*Costaroplatus*). Holotype ♀; Costa Rica; University of Wisconsin Collection, Madison.
Figures: Numberg 1963c: 100
Distribution: North America (Costa Rica).
Notes: (1) Schedl 1969f: 555 (to costellati group in *Platypus*).
References: (ds) Equihua & Atkinson 1987: 29; Schedl 1972f: 235, (tx) Equihua & Atkinson 1987: 29; Numberg 1963c: 100, 110; Schedl 1969f: 555, 1972f: 235.
- subabditus (Schedl)** 1935i: 47 (*Platypus*). Lectotype ♀; Guyane française, Saint-Laurent du Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 69.
Distribution: South America (Guyane).
Notes: (3) Schedl 1935i: 47 (described female).
References: (ds) Schedl 1972f: 235, (tx) Schedl 1935i: 47, 1972f: 235, 1978a: 69.
- turgifrons (Schedl)** 1935h: 358 (*Platypus*). Holotype ♀; Equador; Schedl Collection in NHMW, Wien.
Distribution: South America (Ecuador).
References: (ds) Blackwelder 1947: 791; Schedl 1972f: 235, (tx) Schedl 1935h: 358–359, 1972f: 235, 1978a: 76.

umbrosus (Schedl) 1936c: 247 (*Platypus*). Lectotype ♂: Guyane Française: St. Laurent du Maroni. St. Jean du Maroni, Nouveau Chantier; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 77.

Distribution: South America (Cayenne).

References: (ds) Blackwelder 1947: 791; Schedl 1972f: 235, 552. (tx) Schedl 1936c: 247, 1972f: 235, 1975a: 77.

Genus *Baiocis* Browne

BAIOCIS BROWNE 1962e: 651. Type-species: *Crossotarsus pernanulus* Schedl, original designation.

References: (ds) Schedl 1972f: 140. (tx) Browne 1962e: 652; Schedl 1972f: 140–142.

anaticeps (Schedl) 1969a: 215 (*Platypus*). Holotype ♂: Borneo (Kalimantan), Numukan to Muroran (Japan), imported; PPST, Tokyo.

Distribution: Indonesia (Borneo).

Hosts: Meranti log.

References: (ds) Nobuchi 1977: 142; Ohno, Yoneyama, & Nakazawa 1957b: 89; Schedl 1972f: 142. (tx) Nobuchi 1985: 330; Schedl 1969a: 215–216, 1972f: 142.

angusticeps (Schedl) 1942a: 203 (*Platypus*). Syn-types ♀: Malaya, Selangor, Ulu Gombak; BMNH, London.

Distribution: Asia (Malaya).

Hosts: *Shorea faguetiana*.

Notes: (1) Schedl 1975a: 11 (citation of holotype invalid). Browne 1962e: 651 (to *Baiocis*).

References: (ds) Browne 1961c: 211; Schedl 1972f: 197. (tx) Browne 1962e: 651; Schedl 1942a: 203, 1972f: 197, 1975a: 11.

angustiformis (Schedl) 1942a: 202 (*Platypus*). Lectotype ♂: Malaya, Rotan Tunggal F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 11.

Distribution: Asia (Malaya).

Hosts: Anonaceae sp.

Notes: (1) Browne 1962e: 651 (to *Baiocis*).

References: (ds) Browne 1961c: 211; Roberts 1968: 192; Schedl 1972f: 142. (tx) Browne 1962e: 651; Schedl 1942a: 202, 1972f: 142, 1975a: 11.

angustipennis (Schedl) 1942a: 203 (*Platypus*). Lectotype ♂: Malaya, Perak, Trolak F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 11.

Distribution: Asia (Malaya).

Hosts: *Xylopia caudata*.

Notes: (1) Browne 1962e: 651 (to *Baiocis*).

References: (ds) Browne 1961c: 211; Schedl 1971f: 142. (tx) Browne 1962e: 651; Schedl 1942a: 203, 1972f: 142, 1975a: 11.

angustulus (Schedl) 1942a: 202 (*Platypus*). Syn-types ♀: Teibodas, Giava; Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Teibodas, Giava).

References: (ds) Schedl 1972f: 142. (tx) Browne

1962e: 651; Schedl 1942a: 202, 1972f: 142, 1975a: 11.

annularis (Schedl) 1975f: 379. Holotype ♂: Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.

Distribution: New Guinea.

Hosts: *Syzygium* sp.

Notes: (3) Roberts 1989: 262 (described female).

References: (tx) Roberts 1989: 262; Schedl 1975f: 379.

imitatrix Schedl 1973c: 94. Holotype ♂: Upper Manki logging area, Bulolo, Morobe District, New Guinea; CSIRO, Canberra.

Distribution: New Guinea.

References: (tx) Schedl 1973c: 94, 1975a: 36.

incisus (Sampson) 1928: 1 (*Crossotarsus*). Holotype ♂: Sibajak vulkan [Sumatra]; BMNH, London.

Distribution: Indonesia (Sumatra).

Notes: (1) Browne 1962e: 651 (to *Baiocis*).

References: (ds) Schedl 1972f: 142. (tx) Browne 1962e: 651; Sampson 1928: 1; Schedl 1941c: 359, 1972f: 142.

inimicus (Schedl) 1935k: 482 (*Crossotarsus*).

Lectotype ♂: Luzon, Mountain Province, Benguet, Mount Santo Tomas; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 37.

Distribution: New Britain Island, Philippine Islands (Luzon).

Hosts: *Ficus* sp.

Notes: (1) Schedl 1958k: 152 (erroneously placed this species in *Platypus* and gave it an unneeded new name).

References: (ds) Schedl 1972f: 142. (tx) Browne 1962e: 651; Nobuchi 1985: 330; Schedl 1935k: 482, 1939b: 398, 1941c: 258–259, 1958k: 152, 1972f: 142, 1975a: 37.

relatus Schedl 1958k: 152 (*Platypus*). Lectotype ♂: Luzon, Mountain Province, Benguet, Mount Santo Tomas; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 37, automatic.

Notes: (1) This is an unneeded replacement name that resulted from a taxonomic error in generic placement.

References: (ds) Schedl 1965g: 24, 1966b: 101, 1968f: 537. (tx) Browne 1962e: 652; Schedl 1958k: 152, 1972f: 142.

kuntzeni (Schedl) 1937d: 40 (*Platypus*). Lectotype ♂: Deutsch-Nen-Guinea, Hauptlager, Flusslager, Etappenberg, Maifluss; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 40.

Distribution: New Guinea.

Notes: (1) Browne 1983a: 555 (to *Baiocis*).

References: (cn) Wylie & Shanahan 1975. (cc) Roberts 1980. (hb) Wylie & Shanahan 1975. (ds) Browne 1983a: 555; Schedl 1936g: 513, 1968e: 264, 1972f: 103. (tx) Browne 1983a: 555; Schedl

- 1936d: 13, 1937d: 40–41, 1940b: 434–435, 1941e: 153, 1955b: 282, 1972f: 103, 1978a: 40.
- nubilosus Roberts & Morimoto** 1986: 162. Holotype ♂: New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Garcinia* sp.
References: (tx) Roberts & Morimoto 1986: 162.
- pasohensis (Schedl)** 1939e: 362 (*Platypus*). Syntypes ♂: Malaya, Negri Sembilan: Pasoh For. Res.; BMNH, London and Schedl Collection in NHMW, Wien.
Distribution: Asia (Malaya).
Hosts: *Shorea lacvis*.
Notes: (1) Schedl 1978a: 51 (intended to designate a lectotype, but cited the wrong publication; this invalidated the designation), (3) Schedl 1942a: 203 (described female).
References: (cn) Mathur & Singh 1961a: 39. (ds) Beeson 1941 (1961: 266); Browne 1961c: 211; Mathur & Singh 1961a: 39; Schedl 1972f: 195. (tx) Browne 1962e: 652; Schedl 1939e: 362, 1942a: 203, 1972f: 198, 1978a: 51.
- perangustus (Schedl)** 1942a: 202 (*Platypus*). Lectotype ♂: Malaya, Rotan Tunggal F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 53.
Distribution: Asia (Malaya).
References: (ds) Browne 1961c: 212; Schedl 1972f: 200. (tx) Browne 1962e: 652; Schedl 1942a: 202, 1972f: 200, 1978b: 52.
- perinimicus (Schedl)** 1941c: 358 (*Platypus*). Lectotype ♂: Java, Mount Gede, Kalshoven Nr. 20; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 53.
Distribution: Indonesia (Java, Sumatra).
Hosts: *Castanea argentea*, *C. javanica*, *Cinnamomum camphora*, *Eurya japonica*.
References: (ds) Kalshoven 1960: 40; Schedl 1972f: 142. (tx) Schedl 1941c: 358–359, 1942a: 203, 1954a: 145, 1961e: 70, 1972f: 142, 1978a: 53.
- pernanulus (Schedl)** 1935k: 482 (*Crossotarsus*). Lectotype ♂: Luzon, Laguna Province, Mount Maquiling, 400 feet; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 54.
Distribution: Asia (India/ Malaya/ Thailand), Australia (Queensland), Indonesia (Borneo, Java), New Guinea, Philippine Islands (Luzon).
Hosts: *Artocarpus lakoocha*, *Castanopsis sumatrana*, *Dryobalanops aromatica*, *Lophopetalum* sp., *Nephelium* sp., *Pometia* sp., *Shorea leprosula*.
Notes: (1) Browne 1962e: 652 (to *Baiocis*).
References: (hb) Browne 1961c: 211. (ds) Beaver & Browne 1975: 302; Beeson 1941 (1961: 266); Browne 1961c: 211, 1962c: 202, 1980a: 371, 1983a: 554, 1984c: 450; Ohno, Yoneyama, & Nakazawa 1987a: 95, 1987b: 89; Schedl 1936g: 514, 1966b: 96, 1969c: 61, 1972f: 143, 1980b: 195. (tx) Browne 1962e: 652; Nobeuchi 1985: 330; Schedl 1935k: 482, 1939c: 336, 362, 1942c: 165, 1958i: 214, 1969a: 215, 1972f: 143, 1978a: 54.
- seminitens (Schedl)** 1971c: 395 (*Platypus*). Holotype ♂: India; Schedl Collection in NHMW, Wien.
Distribution: Asia (India).
Notes: (1) Schedl 1978a: 65 (to *Baiocis*).
References: (ds) Schedl 1972f: 143. (tx) Schedl 1971c: 395–396, 1972f: 143, 1978a: 65.
- solomonicus Browne** 1986b: 335. Holotype ♂: Solomon Islands: Lever Harbor to Nagoya (Japan); BMNH, London.
Distribution: Solomon Islands.
Hosts: *Beilschmiedia* sp.
References: (tx) Browne 1986b: 335.
- sublumaris (Schedl)** 1937e: 544 (*Crossotarsus*). Syntypes ♂ ♀: S.O. Borneo; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Borneo).
Notes: (1) Schedl 1978a: 71 (citation of holotype invalid, to *Baiocis*).
References: (ds) Schedl 1972f: 142–143. (tx) Schedl 1937e: 544, 1972f: 142–143.
- unispinosus Roberts** 1986: 39. Holotype ♂: New Guinea: Papua, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Xanthophyllum papuanum*.
References: (tx) Roberts 1986: 39.
- variolosus (Schedl)** 1942a: 201 (*Platypus*). Lectotype ♀: Malaya, Perak, Larut Hills, 4500 feet; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 79.
Distribution: Asia (Malaya).
References: (ds) Browne 1961c: 212; Schedl 1971c: 367, 1972f: 242. (tx) Browne 1962e: 652; Schedl 1942a: 201, 1972f: 242, 1978a: 79.

Genus *Cylindropalpus* Strohmeier

CYLINDROPLATYPUS STROHMEIER 1911a: 174. Type-species: *Cylindropalpus africanus* Strohmeier, monobasic.

References: (hb) Schedl 1958d: 195, 1962k: 959, 1972f: 131, 1977b: 255. (ds) Schedl 1962k: 959, 1972f: 131, 1977b: 255. (tx) Browne 1955: 364, 1962e: 650, 655, 1972a: 183; Hopkins 1914: 120, 132, 1915c: 227; Sampson 1924: 133; Schedl 1935g: 320, 1939b: 397–399, 1941d: 416, 1952i: 7, 1952j: 6, 1957d: 125, 1961e: 157, 1962k: 959, 1972f: 131, 1977b: 255; Strohmeier 1911a: 174, 1912c: 21, 1914c: 12–13, 17–20, 29–30, 1918: 1–46.

affinis Strohmeier 1912f: 80. Holotype ♂: West-Usambara; Strohmeier Collection.

Distribution: Africa (Chana/ Tanzania/ Uganda).
Hosts: *Aningeria altissima*, *A. robusta*, *Chrysophyllum metallicum*, *C. natalensis*, *C. pulchrum*, *Scorodophloeus zenkeri*.

References: (hb) Browne 1963a: 249; Gardner 1957: 30. (ds) Browne 1963a: 249; Mayne & Donis 1960: 98, 1962: 250; Schedl 1962k: 975.

- 1972f: 133; Strohmeier 1912c: 21, 1914c: 30. **(tx)** Schedl 1941d: 416, 1950d: 14, 1952j: 6, 1957d: 125, 1962k: 975, 1972f: 133; Strohmeier 1912c: 21, 1912f: 80, 1914c: 30.
- auricomans (Schaufuss)** 1897b: 106 (*Platyypus*). Holotype ♂: Kamerun; IPKE, Eberswalde. Distribution: Africa (Cameroon/ Ghana/ Ivory Coast/ Nigeria/ Sierra Leone/ Togo/ Zaïre/ Zambia). Hosts: Browne 1963a: 249, Schedl 1962k: 969–971 (many hosts listed). Notes: (3) Strohmeier 1911a: 174 (described female). References: **(am)** Roberts 1961, **(bv)** Loyttyemiemi, Beaver, & Loyttyemiemi 1955: 28, **(cn)** Caehlan 1955; Fougereusse 1957, **(cc)** Akanbi 1978: 123; Caehlan 1957: 1–126, 1958: 393–398; Roberts 1969a; Schedl 1962k: 967; Schimitschek 1964c, **(hb)** Beaver & Loyttyemiemi 1955b: 115; Browne 1961b: 23, 1962d: 94, 1963a: 249; Loyttyemiemi, Beaver, & Loyttyemiemi 1955: 28; Roberts 1961: 31; Schedl 1962k: 967; Thompson, G. H. 1963: 59, **(ds)** Beaver & Loyttyemiemi 1955b: 115; Bletchly 1961: 15; Browne 1963a: 249, 1950c: 486, 1954b: 228; Jones, Roberts, & Baker 1959: 13–14, 44–50, 54; Mayne & Donis 1951: 355, 1960: 98, 1962: 192; Roberts 1968: 192, 1969: 104; Schedl 1933f: 195, 1937b: 407, 1937d: 43, 1938d: 452, 1950d: 14, 1951f: 40, 1961g: 22, 1962h: 61, 1962k: 967, 1120, 1965e: 357, 1965g: 22, 1972f: 133; Strohmeier 1912c: 19, 1914c: 28; Thompson, G. H. 1963: 59, **(tx)** Hopkins 1914: 120, 132; Sampson 1924: 133; Schaufuss 1897b: 106–107; Schedl 1933f: 195, 1935g: 320, 1938d: 452, 1939b: 398, 1941d: 416, 1951f: 40, 1954d: 874, 1954e: 48, 51, 59, 71–72, 1957b: 152, 1957d: 125, 1962k: 967, 1965g: 22, 1972f: 133; Strohmeier 1911a: 174, 1912c: 19, 21, 1912f: 80, 1914c: 28.
- africanus** Strohmeier 1911e: 174. Syntypes: Kamerun; 2♂, 1♀ in MNB, Berlin, 1♂, 1♀ in IPKE, Eberswalde. Synonymy: Schedl 1962k: 967, 1972f: 133. References: **(cn)** Mayne & Donis 1951: 335, **(cc)** Mayne & Donis 1951: 335, **(ds)** Mayne & Donis 1962: 266; Strohmeier 1912c: 21, 1914c: 30, **(tx)** Hopkins 1914: 120; Sampson 1924: 133; Schedl 1933f: 195, 1935g: 319–320, 1937b: 407, 1937d: 42–43, 1950d: 14, 1972f: 133; Strohmeier 1911e: 174, 1912c: 21, 1912f: 80, 1914c: 30.
- caliginosus Roberts** 1966b: 619. Holotype ♂: Nigeria: Gyel Nyaki, Mambilla Plateau, Sardauna Province, over 5000 feet; BMNH, London. Distribution: Africa (Nigeria). References: **(ds)** Roberts 1968: 192, 1969: 104; Schedl 1972f: 134, **(tx)** Roberts 1966b: 619, 1970a: 65; Schedl 1970i: 221–231, 1972f: 134.
- camerunus (Schedl)** 1941d: 417 (*Platyscapus*). Holotype ♂: Kamerun; Schedl Collection in NIMW, Wien. Distribution: Africa (Cameroon/ Ghana/ Ivory Coast/ Nigeria/ Sierra Leone). Hosts: *Azalia* spp., *Anthothis* spp., *Baphia nitida*, *Barteria nigritiana*, *Chrysophyllum lacourtiannum*, *Pentaclethra cetrifera*, *Terminalia superba*, *Triplochiton scleroxylon*. Notes: (3) Schedl 1954d: 855 (described female). References: **(cc)** Akanbi 1978: 123; Jover 1952: 73–81; Roberts 1969a; Schedl 1962k: 977, **(hb)** Browne 1962d: 94; Jover 1952: 73–81; Schedl 1962k: 973, **(ds)** Caehlan 1957: 15, 43–50; Roberts 1968: 192, 1969b: 104–105; Schedl 1962b: 61, 1962k: 977, 1965e: 357, 1971g: 194, 1972f: 133, 1975b: 352, 1984b: 620; Thompson, G. H. 1963: 60, **(tx)** Schedl 1941d: 447, 1950e: 212, 1954d: 874, 885–886, 1954e: 59, 65, 71, 1957d: 125, 1962k: 977, 1121, 1972f: 133, 1978a: 18.
- cultellus (Schedl)** 1953d: 105 (*Platyscapus*). Lectotype ♀: Madagascar, Mt. d'Ambre, 1140 m; Schedl Collection in NIMW, Wien. Distribution: Madagascar. Notes: (3) Schedl 1961e: 157 (described male). References: **(ds)** Schedl 1972f: 133, 1977b: 256, **(tx)** Schedl 1953d: 105–106, 1961e: 157, 1972f: 133, 1977b: 256, 1978a: 22.
- graulosus (Schedl)** 1957d: 126 (*Platyscapulus*). Holotype ♂: Congo Belge; Yangambi; MRCB, Tervuren. Distribution: Africa (Ghana/ Ivory Coast/ Kenya/ Nigeria/ Rwanda/ Sierra Leone/ Tanzania/ Uganda/ Zaïre). Hosts: *Anigeria robusta*, *Anthothis macrophylla*, *Barteria nigritiana*, *Carapa grandiflora*, *Chrysophyllum* spp., *Combretodendron macrophyllum*, *Drypetes leonensis*, *Khaya anthotheca*, *Microcos pinnatifida*, *Paclystela laurentii*, *Randia acuminata*, *Scorodophloeus zenkeri*, *Synsepalum* spp., *Tridesmostemon clausenii*. References: **(cc)** Schedl 1958d: 197, **(ds)** Schedl 1962b: 61, 1962k: 979, 1972f: 134, **(tx)** Schedl 1957d: 125–127, 1962k: 979, 1972f: 134, 1978a: 33.
- graulosus subaffinis** Schedl 1957d: 126 (*Platyscapulus*). Holotype ♂: Congo Belge; Yangambi; MRCB, Tervuren. References: **(cc)** Schedl 1962k: 979, **(hb)** Schedl 1962k: 979, **(ds)** Schedl 1959q: 706, 1962k: 979, 1972f: 134, **(tx)** Schedl 1952j: 6, 1957d: 126–127, 1959q: 706, 1962h: 61, 1962k: 979–980, 1972f: 134, 1978a: 34.
- graulosus fratellus** Schedl 1957d: 127 (*Platyscapulus*). Holotype ♂: Congo Belge; Yangambi; MRCB, Tervuren. References: **(cc)** Schedl 1962k: 983, **(hb)** Schedl 1962k: 983, **(ds)** Mayne & Donis 1960: 100, 1962: 288; Schedl 1958d: 196, 1961m: 84, 1962k: 983–984, 1972f: 134, **(tx)** Schedl 1957d:

127, 1961m: 84, 1962k: 983–984, 1972f: 134, 1978a: 33.

interpositus (Schedl) 1957d: 127 (*Platyscapulus*). Holotype ♂: Congo Belge: Yangambi; MRCB, Tervuren.

Distribution: Africa (Ruanda/Zaire).

Hosts: *Chrysophyllum africanum*, *C. lacourtianum*, *C. prunifolium*, *Drypetes leonensis*, *Jubbernardia secreti*, *Pachystela laurentii*, *Strombosiaopsis tetrandia*, *Synsepalum longecruciatum*.

References: (cn) Anonymous 1970c: 12. (ce) Schedl 1962k: 841. (hb) Browne 1963a: 260; Schedl 1962k: 841, 989. (ds) Anonymous 1970c: 12; Browne 1963a: 260; Mayne & Donis 1960: 96, 1962: 271; Schedl 1962k: 841, 989, 1964f: 619, 1964j: 43, 1970h: 179, 1972f: 134, 158, 1975k: 279. (tx) Schedl 1957d: 127–128, 1962k: 841, 989, 1972f: 134, 1978a: 38.

laudatus (Schedl) 1941d: 416 (*Platyscapus*). Syn-types ♂ ♀; ♂ from Niala, Congo, ♀ from Ukaika; Schedl Collection in NHMW, Wien.

Figures: Schedl 1962k: 961, 1972f: 131 (male).

Distribution: Africa (Ivory Coast/ Kenya/ Nigeria/ Ruanda/ Tanzania/ Uganda/ Zaire).

Hosts: Schedl 1962k: 961–964 (many hosts listed). Notes: (1) Schedl 1978a: 40 (citation of male holotype invalid).

References: (ce) Schedl 1962k: 960, 1972c: 59. (hb) Cardner 1957: 30; Schedl 1962k: 960. (ds) Browne 1984b: 288; Caehan 1957: 15; Mayne & Donis 1960: 98, 1962: 285, 288, 1984b: 288; Roberts 1965: 192, 1969: 105; Schedl 1962k: 960, 1965e: 357, 1972f: 134. (tx) Nurnberg 1961b: 625; Schedl 1941d: 416, 1950e: 211, 1952j: 6, 1954d: 874, 1955f: 260–261, 1957d: 125, 1962k: 960–961, 1962n: 698, 1972f: 134, 1978a: 40.

maximus Browne 1972c: 109. Holotype ♂: Congo-Kinshasa: Kivu, Bitale; MRCB, Tervuren.

Distribution: Africa (Zaire).

References: (tx) Browne 1972c: 109.

pernix (Schedl) 1941d: 418 (*Platyscapus*). Holotype ♂: St. Thome [Africa]; Schedl Collection in NHMW, Wien.

Distribution: Africa (Sao Tome Island).

References: (ce) Schedl 1972c: 60. (ds) Schedl 1972f: 134. (tx) Nurnberg 1967b: 329; Schedl 1941d: 418, 1962k: 989, 1972f: 134, 1978a: 54.

pernix (Schedl) 1941d: 418 (*Platyscapus*). Holotype ♂: Kamerun; Schedl Collection in NHMW, Wien.

Distribution: Africa (Cameroon/ Nigeria/ Sierra Leone/ Zaire).

Hosts: *Chrysophyllum* spp., *Pterocarpus soyauxii*, *Synsepalum subcordatum*, *Trichilia lanata*, *Tridesmostemon claessensii*.

References: (ce) Schedl 1962k: 988. (hb) Schedl 1962k: 988. (ds) Roberts 1965: 192, 1969: 105; Schedl 1957d: 127, 1962k: 988, 1972f: 134. (tx)

Nurnberg 1968: 329; Schedl 1941d: 418, 1962k: 988, 1121, 1972f: 134, 1978a: 54.

pumilio (Schedl) 1941d: 419 (*Platyscapus*). Holotype ♂: Congo; Schedl Collection in NHMW, Wien.

Distribution: Africa (Ghana/ Ivory Coast/ Nigeria/ Sierra Leone/ Zaire).

Hosts: *Anopyxis klainiana*, *Chrysophyllum africanum*, *C. lacourtianum*, *Irringia gabonensis*, *Microdesmis puberula*, *Synsepalum longecruciatum*. References: (bv) Loytyniemi, Beaver, & Loytyniemi 1985: 28. (ce) Schedl 1962k: 922. (hb) Beaver & Loytyniemi 1985b: 115; Browne 1963a: 250; Loytyniemi, Beaver, & Loytyniemi 1985: 28; Schedl 1962k: 922. (ds) Beaver & Loytyniemi 1985b: 115; Browne 1963a: 250; Mayne & Donis 1962: 286; Roberts 1968: 192, 1969: 105; Schedl 1962h: 61, 1962k: 922, 1972f: 134; Thompson, G. H. 1963: 60. (tx) Schedl 1941d: 419–420, 1952i: 22, 1954e: 59, 71, 1957d: 128, 1961m: 84, 1962h: 61, 1962k: 992, 1121, 1972f: 134, 1978a: 59.

pusillus (Schedl) 1952i: 22 (*Platypus*). Holotype ♂: Congo Belge: Yangambi; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: *Chrysophyllum africanum*, *Microdesmis puberula*, *Synsepalum subcordatum*.

References: (ce) Schedl 1962k: 991. (hb) Schedl 1962k: 991. (ds) Schedl 1962k: 991, 1972f: 134. (tx) Schedl 1952i: 22, 1957d: 125, 128, 1962k: 991, 1972f: 134, 1978a: 59.

pusillus Schedl 1957d: 128 (*Platyscapulus*). Holotype ♀: Congo Belge: Yangambi; MRCB, Tervuren, preoccupied by Schedl 1952.

Notes: (1) It is obvious that Schedl intended to describe only the female of an established species, but in so doing he inadvertently validated a new homonymous name.

References: (tx) Schedl 1957d: 128.

sulcatulus Browne 1986c: 670. Holotype ♂: Solomon Islands: Lever Harbor to Nagoya (Japan), imported; BMNH, London.

Distribution: Solomon Islands.

Hosts: *Calophyllum* sp., *Celtis* sp. logs.

References: (tx) Browne 1986c: 670.

tenax (Schedl) 1941d: 419 (*Platyscapus*). Holotype ♀: Fernando-Po; Schedl Collection in NHMW, Wien.

Distribution: Africa (Fernando Po Island).

References: (ds) Schedl 1972f: 134. (tx) Schedl 1941d: 419, 1962k: 989, 1972f: 134, 1978a: 72.

Genus *Triozastus* Schedl

TRIOZASTUS SCHEDL 1939b: 402, 403. Type-species: *Crossotarsus banghaasi* Strohmeier, monobasic. Keys: Browne 1962e: 635, 1971d: 224.

References: (av) Browne 1972a: 182. (hb) Browne 1971d: 224–225; Schedl 1962k: 680, 1972f: 246. (ds) Browne 1971d: 224–225; Schedl

- 1952g: 54, 1972f: 246. (**tx**) Browne 1962e: 635, 649, 1971d: 224–225, 1972a: 152; Numberg 1953: 44, 1960: 287–305, 1963a: 567–572; Schedl 1936e: 51, 1939b: 397, 400–403, 1939p: 288–289, 1952i: 7, 1962k: 680–681, 1972f: 246.
- banghaasi** (Schaufuss) 1905: 87 (*Crossotarsus*). Holotype ♂: Dar-es-Salaam, Afr. Or. [Tanzania]; Hamburg Museum, lost.
 Figures: Numberg 1963a: 566, Schedl 1962k: 681.
 Distribution: Africa (Angola/ Cameroon/ Ghana/ Guinea/ Ivory Coast/ Kenya/ Nigeria/ South Africa/ Tanzania/ Uganda/ Zaïre/ Zimbabwe).
 Hosts: *Albizia ferruginea*, *A. zygia*, *Antiaris africana*, *Baphia nitida*, *Blighia welwitschii*, *Bosqueia angolensis*, *Piptadeniastrum africanum*, *Sterculia rhinopetala*, *Strombosia pustulata*, *Trachylobium verrucosum*, *Trichilia leudeolotii*, *T. lanata*, *T. rubescens*, *Triplochiton scleroxylon*.
 Notes: (1) Schedl 1939b: 402 (to *Triozastus*), Browne 1971d: 228 (established subspecies *banghaasi* and *handeniensis*). (3) Schedl 1935: 314 (described female).
 References: (**ay**) Menier 1976: 348, (**bv**) Menier 1976: 348, (**cc**) Akanbi 1978: 123; Schedl 1962k: 682, (**hb**) Browne 1963a: 253; Schedl 1962k: 682; Strohmeier 1911a: 152, (**ds**) Beaver & Loyttniemi 1955b: 118, 1963a: 253, 1971d: 227, 1975a: 757; Menier 1973a; Roberts 1968: 189; Schedl 1962k: 682, 1966a: 276, 1971e: 4, 1972e: 285, 1972f: 248; Strohmeier 1911a: 152, 1911f: 204, 1912c: 6, 1914c: 34, (**tx**) Browne 1971d: 227–228; Numberg 1963a: 566, 568; Powell, W. 1957: 28; Schaufuss 1905: 5, 87; Schedl 1933f: 200, 1935e: 153, 1935g: 314–315, 1939b: 402–403, 1961m: 85, 1962k: 681–682, 1970i: 229, 1972f: 248, 1978a: 14; Strohmeier 1912c: 6, 1914c: 34.
- bifureus** Schedl 1941d: 412. Holotype ♂: Mayumbe, Congo; Schedl Collection in NHMW, Wien.
 Notes: (3) Schedl 1972f: 248 (treated as a subspecies).
 References: (**tx**) Schedl 1941d: 411–413, 1962h: 65, 1962k: 697, 1972f: 248, 1978a: 15.
- handeniensis** Numberg 1960b: 306. Holotype ♂: Tanganyika Terr., Handeni, 350 nr: MRCB, Tervuren.
 Notes: (3) Browne 1971d: 228 (treated as a subspecies).
 References: (**bv**) Loyttniemi, Beaver, & Loyttniemi 1955: 28, (**hb**) Loyttniemi, Beaver, & Loyttniemi 1955: 28, (**tx**) Browne 1971d: 228–229; Numberg 1960a: 287–308, 1960b: 153–162, 1963a: 569–571; Schedl 1972f: 248.
- brevidens** Browne 1971d: 226. Holotype ♂: Ghana; Kintampo; MRCB, Tervuren.
 Distribution: Africa (Ghana).
 References: (**hb**) Beaver & Browne 1975: 302, (**tx**) Browne 1971d: 226–227.
- brownei** Beaver in Beaver & Loyttniemi 1955: 118. Holotype ♂: Zambia; Chati, Kitwe; BMNH, London.
 Distribution: Africa (Zambia).
 References: (**bv**) Loyttniemi, Beaver, & Loyttniemi 1955: 28, (**hb**) Beaver & Loyttniemi 1955b: 118; Loyttniemi, Beaver, & Loyttniemi 1955: 28, (**ds**) Beaver & Loyttniemi 1955b: 118.
- caliginosus** Roberts 1966b: 634. Holotype ♂: Nigeria; Boshi Extension F.R.; BMNH, London.
 Distribution: Africa (Nigeria/ an apparent separate geographical race in Ghana, Zaïre).
 Hosts: *Bosqueia angolensis*, *Deinbollia* sp., *Pansinjstalia macroceras*, *Piptadeniastrum africanum*, *Pittosporum viridiflorum*, *Rauwolfia vomitoria*, *Santiria trimera*, *Schefflera manii*, *Strombosia* spp.
 Notes: (1) Browne 1971d: 233 (established subspecies).
 References: (**ds**) Roberts 1968: 189, 1969: 122, (**tx**) Roberts 1966b: 364; Schedl 1970i: 229, 1972f: 248.
- caliginosus humilis** Browne 1971d: 233. Holotype ♂: Congo-Kinshasa; Yaugambi; MRCB, Tervuren.
 Notes: (1) Distribution: Ghana and Zaïre.
 References: (**tx**) Browne 1971d: 233.
- elongatus** Schedl 1954e: 83. Lectotype ♂: Mpraeso [Ghana]; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 27.
 Figures: Numberg 1963a: 570.
 Distribution: Africa (Ghana/ Nigeria).
 Hosts: *Albizia zygia*, *Bussa occidentalis*, *Cleistopholis patens*, *Piptadeniastrum africanum*, *Strombosia pustulata*, *Trichilia prieuriana*.
 Notes: (3) Browne 1965a: 207 (described female), Browne 1971d: 229 (a good species), Schedl 1972f: 248 (a subspecies of *banghaasi*).
 References: (**ds**) Browne 1971d: 229; Roberts 1968: 189, 1969: 122; Thompson, G. H. 1963: 70, (**tx**) Browne 1965a: 207, 1971d: 229; Numberg 1963a: 569–571; Schedl 1954e: 59, 65, 82–85, 1962h: 64, 1962k: 697, 1972f: 248, 1978a: 27.
- marshalli** (Sampson) 1924c: 128 (*Crossotarsus*). Holotype ♀: S. Africa, Salisbury; BMNH, London.
 Figures: Browne 1971d: 219, Numberg 1963a: 566, 570, Schedl 1972f: 246.
 Distribution: Africa (Angola/ Cameroon/ Congo/ Dahomey/ Fernando Po Island/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Kenya/ Mozambique/ Nigeria/ Ruanda/ Sierra Leone/ South Africa/ Tanzania/ Uganda/ Zaïre/ Zambia/ Zimbabwe).
 Hosts: *Afromosia elata*, *Azelia cuanzensis*, *Albizia gummifera*, *Alstonia boonei*, *Antiaris welwitschii*, *Bosqueia angolensis*, *Celtis mildbracii*, *Daniellia oliveri*, *Drypetes gossuicieri*, *Ekebergia* sp., *Entandrophragma* sp., *Erythrophloeum guineense*, *Gilbertiodendron dewevrei*,

Grevillea sp., *Guarea cedrata*, *G. thompsonii*, *Macaranga* sp., *Ongokea gore*, *Parkia biglobosa*, *Polyalthia suaveolens*, *Pygeum africanum*, *Scorodophloeus zenkeri*, *Terminalia superba*, *Trachylobium verrucosum*. Browne 1971d, Schedl 1962k: 687–690 (list many additional hosts).

Notes: (3) Browne 1971d: 230 (a good species), Schedl 1972f: 248 (treated as a subspecies of *banghaasi*).

References: (hb) Beaver & Loytyniemi 1955b: 119. (ds) Beaver & Loytyniemi 1955b: 119; Browne 1971d: 230, 1953a: 556; Mayne & Donis 1960: 100, 1962: 292; Roberts 1965: 189, 1969: 122; Schedl 1933f: 200, 1938d: 452, 1975h: 351; Wood, S. L. 1957e: 1272. (tx) Browne 1971d: 219, 230; Numberg 1963a: 569–570; Sampson 1924c: 128–129; Schedl 1933f: 200, 1935e: 153, 1935g: 314–315, 1936e: 51, 1937d: 33–36, 1939b: 390, 1941d: 413, 1941e: 153–154, 1950d: 5, 12, 1952g: 69, 1953g: 243, 1955d: 270, 1955f: 261, 1955i: 213, 1962k: 684–685, 1109, 1972f: 248.

pertenuis Schedl 1935g: 315 (*Crossotarsus*). Syn-types ♂: French Equatorial Africa: Lambarene; MNHN, Paris and Schedl Collection in NHMW, Wien. Synonymy: Browne 1971d: 230. Notes: (3) Schedl 1939g: 169 (described female), 1972f: 248 (a subspecies of *banghaasi*).

References: (ds) Mayne & Donis 1960: 100, 1962: 293; Roberts 1965: 189, 1969: 122. (tx) Browne 1971d: 230; Schedl 1935g: 315–316, 1939g: 169, 1954e: 82, 1962k: 688, 1109, 1972f: 248, 1978a: 54.

propatulus Schedl 1935e: 153. Lectotype ♂: Deutsch-Afrika: Amani; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 57. Synonymy: Browne 1971d: 230.

Notes: (1) Schedl 1952g: 54 (to *Triozastus*), (3) Schedl 1937d: 35 (described female).

References: (en) Curry 1958b: 128–132. (ce) Akanbi 1978: 123; Jover 1952: 73–81; Roberts 1969a: 122. (hb) Gardner 1957: 30; Jones, Roberts, & Baker 1959: 13; Jover 1952: 73–81; Webb & Jones 1957: 36–37, 41. (ds) Cachan 1957: 6, 15; Ferreira 1965: 1130; Mayne & Donis 1960: 100, 1962: 293; Numberg 1960a: 306; Roberts 1961: 39–43, 1968: 189; Schedl 1934a: 247, 1938d: 451, 1959p: 22, 1962h: 64, 1962k: 691, 1966c: 230, 1967e: 221, 1969a: 203, 1971e: 2, 1971g: 196, 1972e: 285, 1972f: 64, 1975h: 352, 1979b: 417; Thompson, G. H. 1960, 1963: 70; Tordo 1957: 9. (tx) Browne 1971d: 230; Numberg 1963a: 570–571; Schedl 1934a: 247, 1935e: 153–154, 1935g: 314, 1937b: 407, 1937d: 35–36, 1939g: 169, 1941d: 381, 1950e: 212, 1952g: 54, 1954d: 874, 1954e: 59–71, 1955i: 213, 1962h: 64–65, 1962k: 691, 1972f: 248, 1978a: 57.

dubiosus Schedl 1937d: 36 (*Crossotarsus*). Lectotype ♀; D.-O.-Afrika: Morogara; Schedl Col-

lection in NHMW, Wien, designated by Schedl 1978a: 27. Synonymy: Schedl 1962k: 685.

References: (tx) Numberg 1963a: 566, 568; Schedl 1935g: 314, 1937d: 35–36, 1939b: 390, 1941e: 154, 1962k: 685, 1972f: 248, 1978a: 27.

pilosulus (Schedl) 1933f: 200 (*Crossotarsus*). Syn-types ♂: Equator: Flandria and Haut-Ucle; Moto; MRCB, Tervuren, and Schedl Collection in NHMW, Wien.

Figures: Numberg 1963a: 570.

Distribution: Africa (Central African Republic/ Nigeria/ Sierra Leone/ Zaire).

Hosts: *Piptadeniastrum africanum*.

Notes: (3) Numberg 1963a: 569 and Browne 1971d: 225 (a good species), Schedl 1941d: 413, 1972f: 248 (= *marshalli*).

References: (ds) Browne 1971d: 225, 1980e: 486, 1980d: 493; Roberts 1969: 121; Schedl 1933f: 200, 1938d: 452, 1943c: 69; Wood, S. L. 1957e: 1272. (tx) Browne 1971d: 225; Numberg 1963a: 569–570; Schedl 1933f: 200, 1935e: 153, 1935g: 314, 1937d: 35–36, 1941d: 381–413, 1941e: 153.

Genus *Mesoplatypus* Strohmeier

MESOPLATYPUS STROHMEIER 1912: 78. Type-species:

Mesoplatypus grandiclavata Strohmeier, monobasic.

Keys: Browne 1962e: 655.

References: (bv) Loytyniemi, Beaver, & Loytyniemi 1955: 28. (hb) Loytyniemi, Beaver, & Loytyniemi 1955: 28; Schedl 1972f: 166. (ds) Schedl 1972f: 166. (tx) Browne 1962e: 649, 655, 1965a: 206, 1972a: 184; Hopkins 1914: 124, 133, 1915c: 227; Numberg 1953: 44, 1965a: 385; Schedl 1939b: 402–403, 1957d: 128, 1962k: 995, 1963j: 483, 1965e: 349–379, 1972f: 166–168; Strohmeier 1912c: 7, 1914c: 8–37, 1918: 1–46.

appendicinus Schedl 1965e: 374. Holotype ♂: Congo ex belge-Katanga, Bukama; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaire).

References: (ds) Schedl 1972f: 168. (tx) Schedl 1965e: 374, 1972f: 168, 1978a: 12.

bilobatus Numberg 1969a: 400. Holotype ♂: Bingerville [Ivory Coast]; MRCB, Tervuren.

Distribution: Africa (Ivory Coast).

Notes: (3) Schedl 1972q: 264 (= *nigericus*, *venustus*), Beaver & Loytyniemi 1955: 115 (a good species).

References: (ds) Schedl 1972f: 168. (tx) Beaver & Loytyniemi 1955: 115; Numberg 1969a: 400; Schedl 1972f: 168, 1972q: 264.

calabaricus Roberts 1965: 226. Holotype ♂: Nigeria: Oban; BMNH, London.

Distribution: Africa (Nigeria).

Hosts: *Diospyros* sp.

Notes: (3) Schedl 1972: 168 (= *nigericus*), Browne 1972: 111 and Beaver & Loytyniemi 1955: 115 (a good species).

References: (ds) Roberts 1965: 192. (tx) Beaver

- & Loyttniemi 1985b: 115; Browne 1972c: 111; Roberts 1965: 226, 1972f: 168.
- curvidens** Browne 1980c: 777. Holotype ♂: Zaire: Park National Albert, secteur nord, Ilunga, affl. rive droite Semliki, 1050 m; MRCB, Tervuren. Distribution: Africa (Zaire). References: (tx) Browne 1980c: 777.
- elegans** Schedl 1962k: 1121. Holotype ♂: Congo: Schedl Collection in NHMW, Wien. Distribution: Africa (Zaire). References: (ds) Schedl 1972f: 168. (tx) Schedl 1962k: 1121, 1972f: 168, 1978a: 27.
- eriuaeus** Schedl 1957d: 130. Holotype ♂: Congo Belge: Yangambi; MRCB, Tervuren. Distribution: Africa (Zaire). Hosts: *Tridesmostemon claussensii*. References: (ay) Menier 1976: 348. (bv) Menier 1976: 348. (ds) Mayne & Donis 1962: 278; Schedl 1962k: 996, 1966c: 233, 1972f: 168. (tx) Numberg 1965a: 357; Schedl 1957d: 130, 1962k: 996, 1966c: 238, 1972f: 168, 1978a: 28.
- flarescens** (Strohmeyer) 1912f: 85 (*Crossotarsus*). Syntypes ♂ ♀: Mkululumi-Berg (Deutsch-Ost-Afrika) mid West-Usumbara; Hamburg Museum, lost. IPKE, Eberswalde. Distribution: Africa (Cameroon/ Equatorial Guinea/ Tanzania). References: (hb) Strohmeyer 1911a: 182. (ds) Schedl 1933f: 202–203, 1972f: 168; Strohmeyer 1911a: 1182, 1912c: 7, 1914c: 34. (tx) Schedl 1933f: 202–203, 1941d: 410, 1962k: 957, 1972f: 168; Strohmeyer 1911a: 182, 1912c: 7, 1912f: 85–86, 1914c: 34.
- grandiclavata** Strohmeyer 1912f: 79. Syntypes ♂ ♀: Franzosisch-Kongo; Strohmeyer Collection. Distribution: Africa (Cameroon/ Equatorial Guinea/ Gabon/ Guinea/ Zaire). References: (ds) Schedl 1962k: 997, 1966c: 233, 1971g: 195, 1972f: 168; Strohmeyer 1912c: 7, 1914c: 37. (tx) Hopkins 1914: 124, 133; Lucas 1920: 406; Numberg 1965a: 386–387; Schedl 1939b: 394, 403, 1962k: 997, 1972f: 168; Strohmeyer 1912c: 7, 1912f: 78–79, 1914c: 27. (ms) Lucas 1920: 406.
- grandis** Schedl 1950d: 33. Holotype ♀: Congo Belge: Elisabethville; IRSNB, Brussels. Distribution: Africa (Zaire). Notes: (3) Schedl 1965e: 375 (described male). References: (ds) Schedl 1972f: 168. (tx) Schedl 1950d: 33, 1962k: 997, 1965e: 375, 1972f: 168, 1978a: 33.
- imparispinosus** Roberts 1972: 67. Holotype ♂: West Cameroon: Bafut-Ngemba Forest Reserve; BMNH, London. Distribution: Africa (Cameroon). References: (ds) Browne 1986b: 334. (tx) Roberts 1972: 67.
- kitushi** Schedl 1957d: 128. Holotype ♂: Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren. Distribution: Africa (Nigeria/ Zaire). Hosts: *Beilschmiedia lousii*, *Bosquecia angolensis*, *Ficus* sp., *Garcinia polyantha*, *Parinari holstii*, *Sygium* sp. References: (hb) Schedl 1962k: 998. (ds) Roberts 1968: 192, 1969: 116; Schedl 1962k: 998, 1972f: 168. (tx) Numberg 1965a: 388; Schedl 1957d: 128, 1962k: 998, 1972f: 168, 1978a: 39.
- parvus** Numberg 1967b: 333. Holotype ♂: Cote d'Ivoire, Adiopodoume; MRCB, Tervuren. Figures: Numberg 1967b: 333. Distribution: Africa (Ivory Coast). References: (tx) Numberg 1967b: 333.
- quadrispinis** Browne 1972c: 110. Holotype ♂: Congo-Kinshasa: Kivu, Bitale; MRCB, Tervuren. Distribution: Africa (Zaire). References: (ds) Ohno, Yoshioka, et al. 1989: 66. (tx) Browne 1972c: 110.
- quinquecinctus** (Schedl) 1941d: 410 (*Doliopygus*). Lectotype ♂: Congo, Kivu: Lugira-Kalehe, 1600 m; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 61. Figures: Schedl 1962k: 958. Distribution: Africa (Guinea/ Ivory Coast/ Sierra Leone/ Tanzania/ Uganda/ Zaire). Hosts: *Parinarium holstii*, *Piptadenia* sp., *Sygium* sp. Notes: (1) Browne 1970: 580 (to *Mesoplatypus*). References: (ds) Schedl 1962k: 957, 1966c: 232, 1972f: 168, 1979b: 416. (tx) Browne 1970: 580; Numberg 1966a: 188; Schedl 1941d: 410, 1957d: 144, 1962k: 957–958, 1972f: 168, 1978a: 61.
- quinquecinctus cachani** Schedl 1957d: 145 (*Doliopygus*). Lectotype ♂: Ivory Coast: Adiopodoume; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 61. References: (ds) Schedl 1962k: 958, 1966a: 276, 1967e: 22, 1972f: 168. (tx) Schedl 1957d: 144–145, 1962k: 958, 1972f: 168, 1978a: 61.
- ustus** Schedl 1965e: 376. Holotype ♀: Congo ex belge-Yangambi; Schedl Collection in NHMW, Wien. Distribution: Africa (Zaire). Hosts: *Maba laurentii*. References: (ds) Schedl 1972f: 168. (tx) Schedl 1965e: 374–376, 1972f: 168, 1978a: 78.
- ventricoruis** Schedl 1957d: 129. Holotype ♂: Congo Belge: Yangambi; MRCB, Tervuren. Figures: Numberg 1967a: 338. Distribution: Africa (Ghana/ Nigeria/ Zaire). Hosts: *Bussea occidentalis*, *Celtis soyauxii*, *Dialium corbisieri*. References: (bv) Loyttniemi, Beaver, & Loyttniemi 1985: 28. (hb) Beaver & Loyttniemi 1985b: 116; Browne 1963a: 253; Loyttniemi, Beaver, & Loyttniemi 1985: 28; Schedl 1962k: 998. (ds) Beaver & Loyttniemi 1985b: 116; Browne

1963a: 253; Roberts 1968: 192, 1969: 116; Schedl 1962h: 62–63, 1962k: 99S, 1972f: 16S. (tx) Numberg 1965a: 35S; Schedl 1957d: 129, 1962k: 99S–999, 1972f: 16S, 1975a: 79.

bituberculatus Numberg 1967a: 325. Holotype ♀; Elisabethville, Congo; MRCB, Tervuren. Synonymy: Beaver & Loytyniemi 1985: 116.

Notes: (1) Beaver & Loytyniemi 1985: 116 (to *Mesoplatypus*).

References: (tx) Beaver & Loytyniemi 1985: 116; Numberg 1967a: 325, 33S.

venustus Schedl 1962k: 1122. Holotype ♂; Congo; Schedl Collection in NHMW, Wien.

Distribution: Africa (Ghana/ Nigeria/ Sierra Leone/ Zaire).

Hosts: *Amphimas pterocarpoides*, *Bussea occidentalis*, *Celtis soyauxii*, *Coelocaryon* sp., *Dialium corbisieri*, *Hydrodendron gabunensis*, *Monodora myrsinica*, *Oxytigma mounii*, *Pterocarpus osun*, *Pycaeanthus angolensis*.

Notes: (3) Schedl 1965c: 376 (described female). References: (ds) Schedl 1966c: 233. (tx) Schedl 1962k: 112, 1965c: 376, 1972f: 16S, 1975a: 50.

nigeriensis Roberts 1964: 412. Holotype ♂; Nigeria: Cross River North Forest Reserve. Synonymy: Schedl 1972g: 264.

References: (bv) Loytyniemi, Beaver, & Loytyniemi 1985: 2S. (hb) Loytyniemi, Beaver, & Loytyniemi 1985: 2S. (ds) Beaver & Loytyniemi 1985b: 115; Menier 1973a; Roberts 1968: 192, 1969: 115; Schedl 1972f: 16S. (tx) Browne 1972c: 111; Roberts 1964: 412; Schedl 1972f: 16S, 1972g: 264.

Genus *Doliopygus* Schedl

DOLIOPYGUS SCHEDL 1939b: 402–403. Type-species: *Crossotarsus bohemanii* Chapuis, subsequent designation by Schedl 1972f: 143.

Scutopygus Numberg 1966a: 187, 189. Type-species: *Crossotarsus rapax* Sampson, subsequent designation by Wood 1992a: 90.

References: (tx) Numberg 1966a: 187, 189; Wood, S. L. 1992a: 90.

Pygodolius Numberg 1966a: 18S–189. Type-species: *Crossotarsus vegrundis* Sampson, subsequent designation by Wood 1992a: 90.

References: (tx) Numberg 1966a: 18S–189; Wood, S. L. 1992a: 90.

Mixopygus Numberg 1966a: 18S. Type-species: *Crossotarsus conradti* Strohmeier, subsequent designation by Wood 1992a: 90.

References: (tx) Numberg 1966a: 18S; Wood, S. L. 1992a: 90.

Mesopygus Numberg 1966a: 187–18S. Type-species: *Crossotarsus ukerevicensis* Schedl, subsequent designation by Wood 1992a: 90.

References: (tx) Numberg 1966a: 187–18S; Wood, S. L. 1992a: 90.

Keys: Schedl 1972f: 145 (to species groups only).

References: (ay) Nobuchi 1969a: 69. (hb) Curry 195S: 12S–132; Schedl 1972f: 143–146. (ds) Schedl 1972f: 143–146. (tx) Browne 1962c: 64S, 1972a: 1S2; Numberg 1966a: 18S; Schedl 1939b: 402–403, 1957d: 1–162, 1962k: 744, 1965c: 52, 1965e: 349–379, 1972f: 143–146.

abbreviatus (Strohmeier) 1911g: 224 (*Crossotarsus*). Holotype ♂; Kamerun; Strohmeier Collection.

Distribution: Africa (Cameroon/ Nigeria)

References: (cc) Roberts 1969a. (ds) Roberts 1965: 190, 1969b: 106; Schedl 1972f: 157; Strohmeier 1912c: 7, 1914c: 34. (tx) Schedl 1962k: S25, 1972f: 157; Strohmeier 1911g: 224–225, 1912c: 7, 1914c: 34.

abdominales Schedl 1962k: 1109. Holotype ♂; Congo; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaire).

References: (ds) Schedl 1972f: 159. (tx) Schedl 1941d: 413, 1952g: 56, 1962k: 1109, 1972f: 159, 1975a: 9.

acutespinatus Numberg 1966a: 190. Holotype ♂; Congo: Kivu, forêt Bianbwe, terr. Lubero, 950 m; MRCB, Tervuren.

Figures: Numberg 1966a: pl. 2, figs. 1–3.

Distribution: Africa (Zaire).

References: (tx) Numberg 1966a: 190.

aduncus Schedl 1961d: 17S. Holotype ♂; [Senegal] Parc Natl. du Niokolo-Koba, Badi; MNHN, Paris.

Distribution: Africa (Burkina Faso/ Central African Republic/ Ghana/ Nigeria/ Senegal/ Sierra Leone).

Hosts: *Daniella oliveri*.

References: (cc) Roberts 1969a. (hb) Browne 1963a: 254. (ds) Browne 1963a: 254, 1972c: 99; Roberts 1968: 191, 1969b: 106; Schedl 1962h: 61, 1962k: 8S5, 1972f: 162. (tx) Numberg 1966a: 186; Schedl 1961d: 17S, 1962k: 8S5, 1965g: 21, 1972f: 162, 1975a: 9.

aequalidentatus Schedl 1966a: 377. Holotype ♂; Congo ex belge-Elisabethville; Schedl Collection in NHMW, Wien.

Distribution: Africa (Zaire/ Zambia).

References: (bv) Loytyniemi, Beaver, & Loytyniemi 1985: 2S. (hb) Loytyniemi, Beaver, & Loytyniemi 1985: 2S. (ds) Beaver & Loytyniemi 1985b: 123; Schedl 1972f: 149. (tx) Schedl 1965a: 377, 1972f: 149, 1975a: 10.

semimitratus Numberg 1966a: 193. Holotype ♀; Congo; Elisabethville; MRCB, Tervuren. Synonymy: Beaver & Loytyniemi 1985: 123.

References: (tx) Beaver & Loytyniemi 1985: 123; Numberg 1966a: 193.

alternans (Strohmeier) 1911g: 224 (*Crossotarsus*). Holotype ♂; Kamerun; MNB, Berlin.

Distribution: Africa (Cameroon/ Nigeria).

Hosts: *Trichilia* sp.

Notes: (3) Roberts 1966b: 620 (described female).

- References: **(ds)** Roberts 1968: 190; Schedl 1962k: 110, 1972f: 157; Strohmeier 1912c: 7, 1914c: 34. **(tx)** Numberg 1966a: 186; Roberts 1966b: 620, 1969b: 106; Sampson 1924: 127; Schedl 1962k: 826, 1110, 1972f: 157; Strohmeier 1911g: 224, 1912c: 7, 1914c: 34.
- angolensis** Schedl 1959p: 26. Holotype, sex?: Dmdo, Angola; MRCB, Tervuren.
Distribution: Africa (Angola/ Nigeria/ Zaïre).
Hosts: *Dialium* sp.
Notes: (1) Originally named as a subspecies of *exilis*; Browne 1965a: 209 (a good species).
References: **(ds)** Roberts 1968: 190, 1969b: 110; Schedl 1962k: 1113, 1972f: 154. **(tx)** Browne 1965a: 209; Schedl 1959p: 26, 1962k: 779, 1113, 1972f: 154, 1975a: 11.
- arowii** (Schedl) 1937b: 406 (*Crossotarsus*). Lectotype ♂: N. Rhodesia, N'Change, Belgisch Kongo; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 12.
Figures: Schedl 1962k: 927, 1972f: 150.
Distribution: Africa (Zaire/ Zambia/ Zimbabwe).
References: **(bv)** Loytyniemi, Beaver, & Loytyniemi 1955: 28. **(hb)** Loytyniemi, Beaver, & Loytyniemi 1955: 28. **(ds)** Beaver & Loytyniemi 1955b: 123; Schedl 1935d: 451, 1962k: 927, 1972f: 149. **(tx)** Numberg 1966a: 187; Schedl 1937b: 406, 1938d: 451, 1957d: 136, 1962k: 927, 1972f: 149–150, 1975a: 12.
- artespinitatus** (Schedl) 1935g: 318 (*Crossotarsus*). Holotype ♂; Belgian Congo; Schedl Collection in NHMW, Wien.
Distribution: Africa (Gabon/ Ghana/ Nigeria/ Uganda/ Zaïre).
Hosts: Schedl 1962k: 746 (23 host species listed).
Notes: (3) Schedl 1936b: 131, 1957d: 130 (described female).
References: **(ce)** Schedl 1962k: 745. **(hb)** Schedl 1962k: 745. **(ds)** Mayne & Donis 1960: 96, 1962: 266; Numberg 1964a: 237; Roberts 1961a: 39–43; Schedl 1962h: 61, 1962k: 745, 1967c: 221, 1972f: 153. **(tx)** Numberg 1966a: 186; Powell, W. 1957: 27; Schedl 1935g: 318–319, 1936b: 131, 1936c: 50, 1939g: 168, 1957d: 130, 1962h: 61, 1962k: 745, 1972f: 153, 1975a: 12.
- bituberculatus** Schedl 1936b: 134 (*Crossotarsus*). Holotype ♀; Kongo; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1957d: 131.
References: **(tx)** Numberg 1967b: 338; Schedl 1936b: 134, 1939g: 168, 1957d: 130, 1975a: 16.
- caliginosus** Roberts 1966: 620. Holotype ♂; Nigeria; Boshu Extension F.R.; BMNH, London. Synonymy: Schedl 1972f: 153.
References: **(ds)** Roberts 1968: 189. **(tx)** Roberts 1966: 620; Schedl 1972f: 153.
- ater** Browne 1972c: 117. Holotype ♂; Congo-Kinshasa; Kivu, Bitale; MRCB, Tervuren.
Distribution: Africa (Zaire).
References: **(tx)** Browne 1972c: 117.
- berliniae** Roberts 1970a: 66. Holotype ♂; Nigeria; Mayo Selbe; MRCB, Tervuren.
Distribution: Africa (Nigeria).
Hosts: *Berlinia confusa*.
References: **(tx)** Roberts 1970a: 66.
- bidentatus** (Strohmeier) 1911g: 222 (*Crossotarsus*). Syntypes ♂ ♀; Deutsch-Ost-Afrika; MNB, Berlin. Strohmeier Collection.
Figures: Schedl 1962k: 948–949, 1972f: 164.
Distribution: Africa (Kenya/ Nigeria/ Ruanda/ Tanzania/ Zaïre).
Hosts: *Cephalosphaera usambarensis*, *Pachystela laurentii*, *Polyscias kikuyuensis*. Schedl 1962k: 950–951 (15 host species listed).
References: **(hb)** Strohmeier 1911a: 182. **(ds)** Gardner 1957a; Schedl 1962k: 947, 1971e: 4, 1972f: 163; Strohmeier 1911a: 182, 1912c: 7, 1914c: 35. **(tx)** Numberg 1966a: 187; Powell, W. 1957: 27; Schedl 1935g: 319, 1937d: 35–36, 1941d: 411, 1941e: 154, 1957d: 144, 1962h: 64, 1962k: 947–948, 1972f: 163–164; Strohmeier 1911a: 182, 1911g: 222–223, 1912c: 7, 1914c: 11, 35.
- kenyaensis** Schedl 1941d: 411. Syntypes ♂ ♀; Kenya; Mt. Elgon, 2470 m; Schedl Collection in NHMW, Wien.
Notes: (1) Schedl 1975a: 39 (citation of holotype invalid). (3) Schedl 1972f: 163 (treated as a subspecies of *bidentatus*).
References: **(en)** Browne 1968: 247. **(hb)** Browne 1968: 247. **(ds)** Browne 1968: 247; Gardner 1957a: 28. **(tx)** Numberg 1966a: 187; Powell, W. 1957: 27; Schedl 1941d: 408, 411, 1952j: 6, 1957d: 144, 1962h: 65, 1962k: 955, 1972f: 163, 1975a: 39.
- bidentatus posticalis** Schedl 1957d: 144. Lectotype ♂; Ruanda et du Congo Belge; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 15.
References: **(ce)** Schedl 1962k: 949. **(hb)** Gardner 1957: 28–29; Schedl 1962k: 949. **(ds)** Mayne & Donis 1962: 266; Roberts 1968: 192, 1969: 106; Schedl 1955i: 213, 1962k: 949, 1972f: 163. **(tx)** Numberg 1966a: 189; Schedl 1957d: 144, 1962k: 949, 1972f: 163–164, 1975a: 15.
- leleupi** Numberg 1960b: 305. Holotype ♂; Tanganyika Terr., Bumduki, Uluguru Mts., 1300 m; MRCB, Tervuren. Synonymy: Schedl 1972f: 163.
References: **(tx)** Numberg 1960b: 300, 304, 1966a: 197; Schedl 1962h: 64, 1972f: 163.
- uluguruensis** Numberg 1960b: 306. Holotype, sex?, Tanganyika Terr.; Uluguru Mts., vallee de l'Uhulu-Ndogo, 1500 m; MRCB, Tervuren. Synonymy: Schedl 1972f: 163.
References: **(tx)** Numberg 1960b: 304, 1966a: 197; Schedl 1962h: 65, 1972f: 163.
- bidiscoplanus** Roberts 1970b: 474. Holotype ♂; Sierra Leone; Gola North Forest Reserve; BMNH, London.
Distribution: Africa (Sierra Leone).

- Hosts: *Tarrietia utilis*, *Tieghmella hecklii*.
References: (ds) Schedl 1972f: 149. (tx) Roberts 1970b: 474; Schedl 1972f: 149.
- bijunctispinae Roberts** 1970b: 475. Holotype ♂; Sierra Leone: Gola West Forest Reserve; BMNH, London.
Distribution: Africa (Sierra Leone).
Hosts: *Oclithocosmus africanus*.
References: (ds) Schedl 1972f: 149. (tx) Roberts 1970b: 475; Schedl 1972f: 149.
- bilobatus (Schedl)** 1936b: 127 (*Crossotarsus*). Holotype ♂; Franz. Kongo; Schedl Collection in NHMW, Wien.
Distribution: Africa (Gabon/ Nigeria/ Sierra Leone/ Zaïre).
Hosts: *Antrocaryon micraster*; *Dialium* spp., *Distemonanthus benthamianus*, *Kluinedoxa gabonensis*, *Lindackeria dentata*, *Macaranga* sp., *Pentaclethra macrophylla*, *Pycnanthus angolensis*, *Strombosia scheffleri*.
Notes: (3) Schedl 1950d: 36 (described female).
References: (cc) Schedl 1962k: 748. (hb) Schedl 1962k: 748. (ds) Cola 1973; Mayne & Donis 1962: 267; Schedl 1962k: 748, 1972a: 153. (tx) Numberg 1966a: 156; Schedl 1936b: 127–128, 1950d: 36, 1957d: 133, 142, 1962k: 748, 1972a: 153, 1978a: 16. *dialiumi* Roberts 1966: 221. Holotype ♂; Nigeria: Akide; BMNH, London. Synonymy: Schedl 1972f: 153.
References: (ds) Roberts 1968: 189, 1969b: 108–109. (tx) Roberts 1965: 221, 1966c: 410; Schedl 1972f: 153.
- bipapillatus Roberts** 1966c: 410. Holotype ♂; Nigeria: Cross River South Forest Reserve; BMNH, London.
Distribution: Africa (Nigeria).
References: (ds) Roberts 1968: 191; Schedl 1972f: 150. (tx) Roberts 1966c: 410; Schedl 1972f: 150.
- bitalei Schedl** 1957d: 135. Holotype ♂; Congo Belge: Kivu, Hembé-Bitale; MRCB, Tervuren.
Distribution: Africa (Nigeria/ Ruanda/ Zaïre).
Hosts: *Beilschmiedia lousii*, *Berlinia* sp., *Diospyros* sp., *Lovoa trichiloides*, *Radlkofera* sp.
References: (cc) Schedl 1958d: 196, 1962k: 928. (hb) Schedl 1958d: 196, 1962k: 928. (ds) Roberts 1968: 191, 1969b: 107; Schedl 1962k: 928, 1972f: 150. (tx) Numberg 1966a: 187; Schedl 1955f: 261, 1957d: 135, 1962k: 928, 1972f: 150, 1978a: 16. *integerrimus* Roberts 1966b: 625. Holotype ♂; Nigeria: Oban; BMNH, London. Synonymy: Schedl 1972f: 150.
References: (ds) Roberts 1968: 192. (tx) Roberts 1966b: 625; Schedl 1972f: 150.
- bohemani (Chapuis)** 1865: 93 (*Crossotarsus*). Holotype ♂; Cafrerie [Mandibira, D.O.A., given by Schedl 1971: 15]; NHR, Stockholm (Schedl 1960c: 12).
Distribution: Africa (Cameroon/ Chad/ Ethiopia/ Ghana/ Kenya/ Mozambique/ Nigeria/ Senegal/ South Africa/ Sudan/ Tanzania/ Uganda/ Zaïre/ Zambia/ Zimbabwe).
Notes: (3) Schedl 1971e: 15 (described female).
References: (cc) Roberts 1969b: 107. (ds) Browne 1975b: 395; Faltraens 1871: 661; Schedl 1938d: 451, 1943c: 69, 1962k: 750, 1965e: 358, 1968b: 145, 1971e: 5, 15, 1971f: 150, 1972f: 153, 1975h: 351, 1982: 279; Strohmeier 1911f: 204, 1912c: 6, 1914c: 34. (tx) Browne 1962c: 648; Chapuis 1865: 93; Numberg 1966a: 186; Schaufuss 1905: 103; Schedl 1936b: 128, 1937d: 35, 1939b: 403, 1941d: 381, 1941e: 154, 1952g: 69, 1952i: 53, 1960c: 12, 1962k: 750, 1971e: 15, 1972f: 153, 1978a: 17; Strohmeier 1911f: 204, 1912c: 6, 1914c: 34.
- bothrocephalus (Strohmeier)** 1907g: 29 (*Crossotarsus*). Holotype ♀; Tanga, Ostafrika; Strohmeier Collection.
Distribution: Africa (Tanzania).
References: (ds) Numberg 1960a: 301; Schedl 1972f: 112; Strohmeier 1912c: 7, 1914c: 35. (tx) Numberg 1960: 301, 1966a: 186; Schedl 1962k: 1060, 1123, 1972f: 112; Strohmeier 1907g: 29, 1912c: 7, 1914c: 35.
- breris (Strohmeier)** 1911g: 225 (*Crossotarsus*). Holotype ♂; Kamerun; Strohmeier Collection.
Distribution: Africa (Cameroon/ Ghana/ Ivory Coast/ Tanzania).
Hosts: *Azelia africana*, *Albizia zygia*, *Antiaris africana*, *Blighia sapida*, *Bosqueia angolensis*, *Bussea occidentalis*, *Castilloa* sp., *Celtis mildbraedii*, *Cylicodiscus gabonensis*, *Eutandrophragma utile*, *Ficus exasperata*, *Guarea ccdrata*, *Hexalobus africanus*, *Hymenostegia afzelii*, *Lonchocarpus sciriceus*, *Morus mesozygia*, *Paula oleosa*, *Sterculia rhinoptala*, *Strombosia glaucescens*, *Terminalia ivorensis*, *T. superba*, *Trichilia huedelotii*, *Vernonia* sp.
References: (cn) Kleine 1932a: 310, 401. (hb) Aulmann 1912: 58, 1913: 1–126; Browne 1963a: 254; Kleine 1932a: 310, 401; Strohmeier 1911a: 182. (ds) Browne 1963a: 254; Cachan 1957: 15; Kleine 1932a: 310, 401; Mayne & Donis 1962: 267; Schedl 1959p: 22, 1962k: 898, 1972f: 147; Strohmeier 1911a: 182, 1912c: 6, 1914c: 34. (tx) Numberg 1966a: 187; Schedl 1951p: 40, 1952i: 30, 1954d: 573, 1957d: 142, 1962k: 898, 1972f: 147; Strohmeier 1911a: 182, 1911g: 228–229, 1912c: 6, 1914c: 34.
- bulbifer Schedl** 1962k: 1110. Holotype ♂; Nigeria: Abuja; Schedl Collection in NHMW, Wien.
Figures: Roberts 1964: 402.
Distribution: Africa (Equatorial Guinea/ Nigeria/ Sierra Leone).
Hosts: *Cordia senegalensis*, *Milletia thonningii*.
References: (cc) Roberts 1969a. (ds) Roberts 1968: 191; Schedl 1971g: 194, 1972f: 151. (tx) Schedl 1962k: 1110, 1972f: 151, 1978a: 17. *bullbosus* Roberts 1964: 401. Holotype ♂; Nigeria:

- Abuja: BMNH, London. Synonymy: Schedl 1972f: 151.
References: (ds) Browne 1984c: 450. (tx) Roberts 1964: 401, 1969b: 107; Schedl 1972f: 151.
- bulbiventris** Schedl 1962k: 1112. Holotype ♂; Kamerun: Schedl Collection in NHMW, Wien.
Distribution: Africa (Cameroon/ Ghana).
References: (ds) Schedl 1972f: 151. (tx) Schedl 1962k: 572, 1972f: 151, 1975a: 17.
- umbonatus** Browne 1965a: 205. Holotype ♂; Ghana: Kumasasi; BMNH, London. Synonymy: Schedl 1972f: 151.
References: (tx) Browne 1965a: 205; Schedl 1972f: 151.
- caesalpiniae** Roberts 1970a: 67. Holotype ♂; Nigeria: Mayo Selbe; MRCB, Tervuren.
Distribution: Africa (Nigeria).
Hosts: *Anthonota macrophylla*, *Berlinia confusa*, *Brachystegia nigerica*.
References: (tx) Roberts 1970a: 67.
- carapae** Schedl 1957d: 132. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: *Alstonia boonei*, *Carapa procera*.
References: (ds) Mayne & Donis 1960: 96, 1962: 267; Schedl 1962k: 751, 1972f: 153. (tx) Numberg 1966a: 186; Schedl 1957d: 132, 1962k: 751, 1972f: 153, 1975a: 18.
- chapuisi** (Duvivier) 1891: 377 (*Crossotarsus*). Holotype ♀; Ibenbo, Congo; not given.
Figures: Browne 1972c: 112, Numberg 1960a: 300, 1966a: 197.
Distribution: Africa (Angola/ Bechuanaland/ Cameroon/ Congo/ Equatorial Guinea/ Ghana/ Guinea/ Ivory Coast/ Mozambique/ Nigeria/ Sierra Leone/ South Africa/ Spanish Guinea/ Tanzania/ Togo/ Uganda/ Zaire/ Zambia/ Zimbabwe).
Hosts: Browne 1963a: 255, Schedl 1962k: 755–757 (many host species listed).
References: (ay) Lhoste & Roche 1960; Menier 1976: 348; Strohmeier 1918: 8. (bv) Meixner 1937: 1217; Menier 1976: 348. (cn) Anonymous 1953j: 25; Browne 1965b: 246; Mayne & Donis 1951: 335. (ce) Anonymous 1953j: 25; Fuller 1955: 100; Jover 1952: 73–81; Mayne & Donis 1951: 335; Roberts 1969a. (hb) Beaver & Loytyniemi 1955b: 125; Browne 1963a: 255, 1968b: 246; Cachan 1957: 6, 15; Husson 1955: 354; Jones, Roberts, & Baker 1959: 13, 21, 36; Jover 1952: 73–81; Schedl 1962k: 751; Thompson, G. H. 1963: 40; Webb 1957: 26, 36–37, 40. (ds) Beaver & Loytyniemi 1955b: 125; Browne 1963a: 255, 1965b: 246, 1975a: 757, 1980a: 373, 1980b: 382; Cola 1973; Ferreira 1965: 1131; Gardner 1957a: 28; Mayne & Donis 1960: 96, 1962: 267; Menier 1973a; Roberts 1960b: 35, 1960c: 35–37, 1960f: 39, 1965: 189, 1969b: 107–108; Schedl 1933f: 196, 1959p: 22, 1962h: 62–64, 1962k: 751, 1964j: 42, 1965c: 358, 1966c: 231, 1967e: 221, 1971g: 194, 1972c: 285, 1975h: 351, 1979b: 416; Strohmeier 1912c: 6, 1914c: 34; Thompson, G. H. 1963: 40. (tx) Browne 1972c: 112; Duvivier 1891: 377, 386; Meixner 1937: 1217; Numberg 1966a: 186, 197; Powell, W. 1987: 27; Sampson 1924: 125–126; Schaufuss 1897b: 104–105, 1905: 103; Schedl 1933f: 196, 1936c: 51, 1937b: 407, 1937d: 35, 1939b: 391, 1939g: 167, 1941d: 381, 1941e: 153, 1950c: 205–206, 1950d: 4, 11, 14–15, 19, 1950e: 212, 1951e: 39, 1951f: 40, 1952j: 6, 1953g: 244, 1954d: 873, 1954e: 47, 54, 1955e: 270, 1962k: 751, 1972f: 153; Strohmeier 1911f: 204, 1912c: 6–7, 1914c: 34, 1918: 12–11.
maculatus Schaufuss 1897b: 104 (*Crossotarsus*).
Syn-types ♂ ♀; Sierra Leone; Hamburg Museum, lost. Synonymy: Schedl 1972f: 153.
References: (ds) Strohmeier 1911f: 204. (tx) Schaufuss 1897b: 104; Schedl 1933f: 196.
- chapuisi nitidiventris** Schedl 1962k: 757. Lectotype ♂; Belgisch Kongo: Elisabethville; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 19.
References: (ds) Schedl 1972f: 153. (tx) Schedl 1962k: 757, 1972f: 153, 1975a: 19.
- bugiriensis** Numberg 1960a: 301. Holotype ♂; Uganda: Bugiri Terr., Longido, Masai District; MRCB, Tervuren. Synonymy: Schedl 1962h: 64.
References: (tx) Numberg 1960a: 300–301; Schedl 1962h: 64, 1972f: 153.
- citri** Schedl 1948c: 667. Lectotype ♂; Newcastle, Natal; Schedl Collection in NHMW, Wien.
Distribution: Africa (Cameroon/ Congo/ Ghana/ Ivory Coast/ Kenya/ Nigeria/ Ruanda/ Sierra Leone/ South Africa/ Tanzania/ Zaire).
Hosts: *Citrus aurantium*. Schedl 1962k: 842–843 (30 host species listed).
References: (ds) Schedl 1972f: 157. (tx) Browne 1972c: 121; Numberg 1966a: 187; Schedl 1948c: 667, 1962k: 826, 1972f: 157, 1975a: 20.
- interpositus** Schedl 1952i: 56. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren. Synonymy: Browne 1972c: 121.
References: (ds) Cachan 1957: 15; Gardner 1957a: 28; Roberts 1968: 190, 1969b: 111; Schedl 1975k: 279. (tx) Browne 1972c: 121; Numberg 1966a: 187; Schedl 1952i: 56–57, 1954d: 873, 1955f: 261, 1962h: 62, 1962k: 841, 1115, 1972f: 158, 1975a: 38.
- clarus** (Schedl) 1936b: 132 (*Crossotarsus*). Syn-types ♀; Belg. Kongo, Diobo, and Likimi-Mimbo; Collart Collection, and Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
Hosts: *Oxytigma oxyphyllum*.
Notes: (1) Schedl 1975a: 20 (citation of holotype invalid).
References: (ds) Schedl 1962k: 875, 1972a: 160. (tx) Numberg 1966a: 186; Schedl 1936b: 131–132, 1952i: 45, 1962k: 875, 1972f: 160, 1975a: 20.

- coelocephalus (Schaufuss)** 1905: 103 (reprint p. 5) (*Crossotarsus*). Holotype ♀: Camerunia: Hamburg Museum, lost.
Distribution: Africa (Cameroon/ Gabon/ Ghana/ Kenya/ Nigeria/ Uganda/ Zaïre).
Hosts: Browne 1963a: 256, Schedl 1962k: 759 (many host species listed).
References: (hb) Browne 1962d: 94, 1963a: 256; Schedl 1962k: 757. (ds) Browne 1963a: 256, 1984b: 287; Gardner 1957a: 28; Jones, Roberts, & Baker 1959: 13; Mayne & Donis 1960: 96, 1962: 268; Roberts 1965: 189, 1969b: 108; Schedl 1933f: 196, 1962h: 62, 1962k: 757, 1966c: 231, 1972f: 153; Strohmeier 1912c: 6, 1914c: 34. (tx) Numberg 1966a: 186; Schaufuss 1905: 103–104; Schedl 1933f: 196–197, 1937d: 35, 1950d: 11, 1952i: 26, 1955f: 261, 1955i: 213, 1962h: 64, 1962k: 757, 1965g: 21, 1972a: 153; Strohmeier 1912c: 6–7, 1914c: 34.
- tricuspis** Schedl 1933f: 196 (*Crossotarsus*).
Lectotype ♂: Sankuru: Lodja, Sandoa, Haut-Uele; Watsa; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 74. Synonymy: Schedl 1972f: 153.
References: (ds) Schedl 1933f: 196. (tx) Schedl 1933f: 196, 1937d: 35, 1950d: 11, 1952i: 26, 1972f: 153, 1978a: 74.
- fenestralis** Numberg 1960a: 303. Type not designated; type locality and repository not stated, nomen nudum (?). Synonymy: Schedl 1962h: 64.
References: (tx) Numberg 1960a: 300, 1960b: Schedl 1962h: 64, 1972f: 153.
- congonus** Browne 1972c: 115. Holotype ♂: Congo-Kinshasa: Yangambi; MRCB, Tervuren.
Distribution: Africa (Zaïre).
References: (tx) Browne 1972c: 115.
- conjunctus** Schedl 1957d: 140. Holotype ♂: Congo Belge: route Stanleyville-Irumu, Camp Putnam; MRCB, Tervuren.
Figures: Schedl 1962k: 877, 1972f: 161.
Distribution: Africa (Tanzania/ Zaïre).
Hosts: *Julbernardia sereti*.
References: (ds) Schedl 1962k: 876, 1972f: 160. (tx) Numberg 1966a: 186; Schedl 1957d: 140, 1962k: 876–877, 1972f: 160–161, 1978a: 21.
- conradti (Strohmeier)** 1911g: 227 (*Crossotarsus*).
Syntypes ♂ ♀: Kamerun; MNB, Berlin, Strohmeier Collection.
Figures: Schedl 1962k: 853, 1972f: 159.
Distribution: Africa (Angola/ Cameroon/ Central African Republic/ Congo/ Equatorial Guinea/ Fernando Po Island/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Kenya/ Mozambique/ Nigeria/ Sierra Leone/ Togo/ Zaïre).
Hosts: Schedl 1962k: 855–861 (138 host species listed).
References: (ay) Entwistle 1963b; Farris & Funk 1965: 531. (bv) Browne 1962f; Entwistle 1963b. (cn) Anonymous 1953h: 31, 1953j: 25; Browne 1965: 246; Kudler 1978: 16; Thompson, G. H. 1960; Webb & Jones 1958: 383. (cc) Anonymous 1953j: 25; Browne 1961e: 10, 1962d; Farris & Funk 1965: 531; Roberts 1969b: 108; Schedl 1958d: 195–196, 1962k: 552. (hb) Anonymous 1959i: 18; Browne 1961b: 21–22, 24, 1962f, 1963a: 256, 1968: 246; Entwistle 1963b; Roberts 1961: 53–60; Schedl 1958d: 195–196, 1962k: 552; Thompson, G. H. 1963: 40; Webb & Jones 1958: 383. (ds) Browne 1961e: 10, 1963: 256, 1968: 246; Caehan 1957: 5–6, 15, 43–53; Ferreira 1965: 1131; Gardner 1957a: 28; Jones, Roberts, & Baker 1959: 13–52; Jover 1952: 73–81; Kolbe 1897: 253; Mayne & Donis 1960: 96, 1962: 268; Roberts 1960b: 35, 1960e, 1960f, 1968: 191; Schedl 1959p: 22, 1962k: 552, 1965e: 358, 1965g: 21, 1971g: 194, 1972c: 285, 1972f: 159, 1979b: 417; Strohmeier 1912c: 6, 1914c: 34; Thompson, G. H. 1960, 1963: 40; Tordo 1957: 9; Webb & Jones 1957: 25–40. (tx) Numberg 1966a: 186; Powell, W. 1957: 27; Schedl 1933f: 201, 1937d: 35, 1938d: 451, 1941e: 153, 1950d: 5, 1950e: 212, 1951e: 39, 1954d: 873, 1954e: 48, 55, 1955d: 270, 1959p: 22, 1962k: 852–853, 1965g: 21, 1972f: 159; Strohmeier 1911g: 227–228, 1912c: 6–7, 1914c: 34.
- vegrandis** Sampson 1924c: 126 (*Crossotarsus*).
Holotype ♂: Belgian Congo: Mayumbe; MRCB, Tervuren. Synonymy: Schedl 1972f: 159.
Notes: (1) Schedl 1972f: 159 (to *Doliopygus*). (3) Schedl 1941d: 409 (described female).
References: (cc) Jover 1952. (hb) Jover 1952. (ds) Gardner 1957a; Mayne & Donis 1960: 98, 1962: 278; Schedl 1933f: 201, 1938d: 451. (tx) Numberg 1966a: 187; Sampson 1924c: 126–127; Schedl 1933f: 201, 1940d: 5, 11, 1941d: 409, 1950d: 11, 1950e: 212, 1951e: 39, 1972f: 159–160, 1978a: 79.
- convexus** Roberts 1965: 224. Holotype ♂: Nigeria: Bende; BMNH, London.
Distribution: Africa (Nigeria).
Hosts: *Diospyros* sp.
References: (ds) Roberts 1965: 224, 1968: 191; Schedl 1972f: 150. (tx) Roberts 1965: 224; Schedl 1972f: 150.
- costatus** Schedl 1957d: 136. Holotype ♂: Congo Belge: Yangambi; MRCB, Tervuren.
Figures: Numberg 1966a: 187.
Distribution: Africa (Nigeria/ Zaïre).
Hosts: *Ochthocosmus africanus*.
Notes: (3) Schedl 1962k: 1112 (described female).
References: (hb) Schedl 1962k: 930. (ds) Roberts 1968: 191; Schedl 1962k: 930, 1972f: 150. (tx) Numberg 1966a: 187; Schedl 1957d: 136, 1962k: 930, 1112, 1972f: 150, 1978a: 22.
- crinitus (Chapuis)** 1865: 90 (*Crossotarsus*).
Syntypes ♂ ♀: Senegal et du fleuve Blanc dans la Haute Egypte; MNHN, Paris (Schedl 1960c: 12).
Figures: Numberg 1966a: 187.
Distribution: Africa (Cameroon/ Congo/ S Egypt/

- Gabon/ Kenya/ Malawi/ Mozambique/ Senegal/ South Africa/ Tanzania/ Zaïre/ Zambia/ Zimbabwe).
Hosts: *Pterocarpus angolensis*.
References: (cn) Anonymous 1970c: 11. (ds) Anonymous 1970c: 11; Beaver & Loytyniemi 1955b: 130; Browne 1972c: 99, 1954b: 28S; Schedl 1938d: 451, 1962h: 62, 1962k: 57S, 1969a: 204, 1972f: 161; Spahr 1981: 79; Strohmeyer 1911f: 204, 1912c: 6, 1914c: 34; Tordo 1957: 9. (tx) Chapuis 1865: 24–25, 90–92; Duvivier 1891: 377; Lucas 1920: 209; Numberg 1966a: 187; Powell, W. 1987: 27; Sampson 1922: 139, 1924c: 126; Schaufuss 1905: 103; Schedl 1936c: 51, 1937b: 406, 1937d: 35, 1939a: 46S–469, 1939b: 403, 1941c: 154, 1952i: 26–27, 1953g: 244, 1957b: 152, 1960c: 12, 1962k: 57S, 1972f: 161; Strohmeyer 1911g: 227–228, 1912c: 6–7, 1914c: 34.
hardenbergi Sampson 1922a: 137 (*Crossotarsus*).
Holotype ♂: Portuguese East Africa: Ximavane; BMNH, London. Synonymy: Schedl 1951i: 26.
Notes: (3) Schedl 1941d: 40S (described female).
References: (ds) Gardner 1957a; Schedl 1933f: 19S, (tx) Sampson 1922a: 137–139, 1924c: 126; Schedl 1933f: 19S, 1937b: 406–407, 1937d: 35, 1941d: 40S, 1950d: 12, 1951i: 26–27, 1956a: 35, 1972f: 161, 1975a: 35.
- dentiventris* Browne 1984c: 456. Holotype ♂: Owendo (Gabon) to Nagoya (Japan), imported; BMNH, London.
Distribution: Africa (Gabon).
Hosts: *Gnibourtia* sp.
References: (tx) Browne 1984c: 456.
- deruptus* Schedl 1950d: 35. Holotype ♀: Rhodesien (Chirinda); Schedl Collection in NHMW, Wien.
Distribution: Africa (Zimbabwe).
References: (tx) Numberg 1966a: 187; Schedl 1950d: 35, 1962k: 526, 1972f: 157, 1975a: 24.
- diraricus* (Schedl) 1936b: 126 (*Crossotarsus*).
Holotype ♂: Kamerun; Schedl Collection in NHMW, Wien.
Distribution: Africa (Cameroon/ Zaïre).
Hosts: *Guarea laurentii*. Schedl 1962k: 866–867 (18 host species listed).
References: (ds) Browne 1957b: 334; Schedl 1962k: 871, 1972f: 160. (tx) Numberg 1966a: 187; Schedl 1936b: 126–127, 1962k: 871, 1972f: 160, 1975a: 26.
- discrepans* Schedl 1952i: 38. Holotype ♂: Congo Belge; Yangambi; MRCB, Tervuren. Synonymy: Schedl 1972f: 160.
References: (cc) Schedl 1962k: 866. (hb) Schedl 1962k: 866. (ds) Mayne & Donis 1960: 96, 1962: 268; Schedl 1962k: 866. (tx) Numberg 1966a: 186; Schedl 1952i: 38, 1957d: 133, 1962k: 866, 1972f: 160, 1975a: 25.
- dirisus* Browne 1972c: 114. Holotype ♂: Congo-Kinshasa; Yangambi; MRCB, Tervuren.
Distribution: Africa (Zaïre).
References: (tx) Browne 1972c: 114.
- dolosus* Schedl 1950c: 216. Lectotype ♂: Congo Belge, Vieux-Kilo; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 26.
Distribution: Africa (Ivory Coast/ Nigeria/ Zaïre).
Hosts: *Diospyros* sp., *Drypetes leonensis*, *Pachystela laurentii*.
References: (cc) Roberts 1969a. (ds) Cachan 1957: 15; Roberts 1968: 190, 1969b: 109; Schedl 1962k: 827, 1972f: 157. (tx) Numberg 1966a: 187; Schedl 1950c: 216, 1952i: 52, 1962k: 827, 1113, 1972f: 157, 1975a: 26.
- donisi* Schedl 1952i: 49. Holotype ♂: Congo Belge; Yangambi; MRCB, Tervuren.
Figures: Schedl 1962k: 761 (male), 1972f: 152 (male).
Distribution: Africa (Zaïre).
Hosts: *Chrysophyllum lacourtianum*, *Pterygopodium oxyphyllum*, *Scorodophloeus zenkeri*. Schedl 1962k: 760–761 (12 host species listed).
References: (hb) Schedl 1962k: 760. (ds) Mayne & Donis 1960: 96, 1962: 269; Schedl 1962k: 760, 1972f: 153. (tx) Numberg 1966a: 186; Schedl 1952i: 49, 1962k: 760–761, 1972f: 152–153, 1975a: 26.
- dubius* (Sampson) 1924c: 126 (*Crossotarsus*).
Holotype ♂: Belgian Congo; MRCB, Tervuren.
Figures: Browne 1961b: pl. 1–2.
Distribution: Africa (Angola/ Bechuanaland/ Cameroon/ Congo/ Equatorial Guinea/ Fernando Po Island/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Kenya/ Nigeria/ Rwanda/ Senegal/ South Africa/ Sudan/ Tanzania/ Uganda/ Zaïre/ Zambia/ Zimbabwe).
Hosts: Schedl 1962k: 764–767 (79 host species listed).
Notes: (1) Originally named as a subspecies of *crinitus*.
References: (ay) Entwistle 1963b. (bv) Browne 1961b, 1961c: 5; Entwistle 1963b; Loytyniemi, Beaver, & Loytyniemi 1985: 28; Roberts 1960b: 21. (cn) Browne 1961b, 1961c: 8, 1968: 246; Jones et al. 1959: 21–52; Kndler 1978: 16; Roberts 1960b: 21, 1966a. (cc) Browne 1961b, 1961c: 8, 1962d; Roberts 1960b: 21, 1969a; Schedl 1962k: 761. (hb) Beaver & Loytyniemi 1985b: 126; Browne 1961b: 15–27, 1961c: 8, 13, 1963a: 259, 1965b, 1968: 246; Entwistle 1963b; Jones et al. 1959: 21–52; Loytyniemi, Beaver, & Loytyniemi 1985: 28; Roberts 1935c: 35–37, 1961a: 39–43, 1961c: 37, 1962a: 37–38, 1962b: 241, 1969b: 109; Schedl 1962k: 761; Thompson, C. H. 1963: 41; Webb & Jones 1957: 36–40. (ds) Beaver & Loytyniemi 1985b: 126; Browne 1961c: 8, 13, 1963a: 259, 1968: 246, 1972c: 99, 1980c: 485, 1984c: 450; Cola 1973; Ferreira 1965: 1132; Lee, R. F. 1971: 29; Mayne & Donis 1960: 96, 1962: 269; Roberts 1960b: 35–39, 1960c, 1960f, 1966a, 1968: 190; Schedl 1938d: 451, 1959p: 23, 1962h: 62,

- 1962k: 761, 1964j: 42, 1965e: 355, 1965g: 21, 1965h: 112, 1966a: 276, 1966c: 231, 1971e: 5, 1971f: 150, 1971g: 194, 1972c: 285, 1972f: 154, 1975h: 351, 1979b: 417; Thompson, G. H. 1963: 41; Wichmann 1955: 97. **(tx)** Browne 1961b: pl. 1, 2; Numberg 1966a: 156; Powell, W. 1957: 27; Sampson 1924c: 126; Schedl 1941d: 408, 1950d: 11, 1952g: 54, 1952i: 27, 1953g: 244, 1954d: 573, 1954e: 55, 1955i: 213, 1962k: 761, 1113, 1972f: 154; Strohmeier 1911g: 226–227.
- paradubius* Roberts 1964: 404. Holotype ♂: Nigeria: Omo Forest Reserve; BMNH, London. Synonymy: Schedl 1972f: 154. References: **(cn)** Browne 1968b: 248; Kudler 1978: 16. **(hb)** Browne 1968b: 248. **(ds)** Browne 1968b: 248; Roberts 1968: 190, **(tx)** Roberts 1964: 404, 1969b: 112–113; Schedl 1972f: 154.
- confusus* Roberts 1966b: 621. Holotype ♂: Nigeria: Oban; BMNH, London. Synonymy: Schedl 1972f: 154. References: **(ds)** Roberts 1968: 189, **(tx)** Roberts 1966b: 621; Schedl 1972f: 154.
- rhizophorae* Roberts 1966b: 629. Holotype ♂: Nigeria: Buguma; BMNH, London. Synonymy: Schedl 1972f: 154. References: **(ds)** Roberts 1968: 190, **(tx)** Roberts 1966b: 629; Schedl 1972f: 154.
- erichsoni* (Chapuis) 1865: 95 (*Crossotarsus*). Synatypes ♂ ♀: Port Natal: 1 ♂, 2 ♀ in BMNH, London, 1 ♂ in IRSNB, Brussels 1 ♂ in MNB, Berlin, 1 ♂ in MNHN, Paris. Figures: Schedl 1962k: 829, 1972f: 157. Distribution: Africa (Cameroon/ Congo/ Equatorial Guinea/ Gabon/ Ghana/ Guinea/ Kenya/ Mozambique/ Nigeria/ Rwanda/ Sao Tome Island/ Sierra Leone/ South Africa/ Tanzania/ Uganda/ Zaïre). Hosts: Schedl 1962k: 830–833 (73 host species listed). References: **(bv)** Loytyniemi, Beaver, & Loytyniemi 1985: 28, **(cn)** Anonymous 1970c: 12; Browne 1968b: 247; Jones 1959a, **(cc)** Schedl 1962k: 827, **(hb)** Anonymous 1959i: 18; Beaver & Loytyniemi 1958b: 129; Browne 1963a: 259, 1968b: 247; Jones 1959a, 1966: 127; Jones, Roberts, & Baker 1959: 13–21; Loytyniemi, Beaver, & Loytyniemi 1985: 29; Schedl 1962k: 827; Strohmeier 1911a: 182; Thompson, G. H. 1963: 41; Took & Scott 1944: 2–5; Tordo 1957: 9; Webb & Jones 1957: 37, 40. **(ds)** Anonymous 1970c: 12; Beaver & Loytyniemi 1958b: 129; Browne 1963a: 259, 1968b: 247, 1980b: 381; Gardner 1957a: 28; Mayne & Donis 1960: 96, 1962: 269; Roberts 1960b: 35, 1960e, 1960f: 35–39, 1966a, 1968: 190, 1969b: 109; Schedl 1933f: 201, 1935d: 452, 1962k: 827, 1964j: 43, 1965c: 359, 1965g: 21, 1972f: 157; Strohmeier 1911a: 182, 1911f: 204, 1914c: 34; Thompson, G. H. 1963: 41. **(tx)** Chapuis 1865: 24–25, 95–97; Lucas 1920: 209; Numberg 1966a: 157; Powell, W. 1957: 27; Sampson 1924a: 545, 1924c: 127; Schedl 1933f: 201, 1935g: 319–320, 1937c: 14, 1937d: 35–36, 1939b: 403, 1939g: 167, 1941d: 409, 1941e: 154, 1945c: 667, 1950d: 11, 1952g: 55, 1952i: 40, 1952j: 6, 1954e: 55, 1955j: 261, 1957c: 326, 1960c: 12–13, 1962k: 827–829, 1113, 1965g: 21, 1972f: 157; Strohmeier 1911a: 182, 1911f: 204, 1912c: 11, 1914c: 11, 34.
- varius* Sampson 1924a: 545 (*Platypus*). Holotype, sex?; South Africa: Cape Colony, Transkei; BMNH, London. Synonymy: Schedl 1937c: 14, Beaver & Loytyniemi 1985: 129. References: **(tx)** Beaver & Loytyniemi 1985: 129; Sampson 1924a: 545; Schedl 1937c: 14, 1957b: 152, 1972f: 157.
- excavatus* (Sampson) 1924c: 124 (*Crossotarsus*). Holotype ♂: Belgian Congo, Kapiri (Miss. Agric.); MRCB, Tervuren. Figures: Browne 1972c: 112. Distribution: Africa (Cameroon/ Kenya/ Nigeria/ Uganda/ Zaïre/ Zambia). Hosts: Schedl 1962k: 775–776 (14 host species listed). References: **(cn)** Hargreaves 1927: 24–27, **(hb)** Roberts 1969b: 109–110, **(ds)** Gardner 1957a: 28, **(tx)** Browne 1972c: 111–112; Numberg 1966a: 156; Powell, W. 1957: 27; Sampson 1924c: 124; Schedl 1933f: 196, 1935g: 318, 1941e: 154, 1955f: 261, 1962h: 62, 1962k: 744, 1972f: 154.
- exilis* (Chapuis) 1865: 92 (*Crossotarsus*). Syntypes ♂ ♀: Fleuve Blanc [White Nile]; MNHN, Paris (Schedl 1960c: 12). Distribution: Africa (Cameroon/ Chad/ Congo/ Equatorial Guinea/ Ghana/ Ivory Coast/ Kenya/ Nigeria/ Spanish Guinea/ Sudan/ Tanzania/ Togo/ Uganda/ Zaïre/ Zambia/ Zimbabwe). Hosts: Schedl 1962k: 777–778 (23 host species listed). Notes: (3) Schedl 1954e: 57 (*piptadeniae*, nomen nudum, synonymy in Schedl 1972f: 154), Schedl 1957d: 137 (*pygmaeus*, nomen nudum, synonymy in Schedl 1972f: 154). References: **(bv)** Loytyniemi, Beaver, & Loytyniemi 1985: 28, **(cn)** Thompson, G. H. 1960, **(cc)** Roberts 1969a: 110; Schedl 1962k: 776, **(hb)** Beaver & Loytyniemi 1958b: 126; Browne 1963a: 260; Jones, Roberts, & Baker 1959: 13–14; Loytyniemi, Beaver, & Loytyniemi 1985: 28; Schedl 1962k: 776; Thompson, G. H. 1963: 41; Webb & Jones 1957: 37–40. **(ds)** Beaver & Loytyniemi 1958b: 126; Browne 1963a: 260; Ferreira 1965: 1132; Gardner 1957a: 28; Mayne & Donis 1960: 96; Roberts 1968: 190; Schedl 1933f: 197, 1959p: 23, 1959q: 706, 1962k: 776, 1964j: 619, 1967c: 221, 1969a: 204, 1971g: 195, 1972f: 154; Strohmeier 1911f: 204, 1912c: 6, 1914c: 34; Thompson, G. H. 1960, 1963: 41. **(tx)** Chapuis

- 1865: 92; Numberg 1966a: 186; Sampson 1924c: 126; Schanfuss 1905: 103; Schedl 1933f: 197, 1936b: 131, 1937d: 35, 1941c: 154, 1953g: 244, 1954e: 48, 56–57, 1955i: 213, 1957d: 131, 1960: 12, 1962k: 776, 1113, 1972f: 154; Strolmeyer 1911f: 204, 1912c: 6–7, 1912f: 86, 1914c: 34.
- eximius Schedl** 1941d: 407. Holotype ♂; D.O.A., Nyembe; Schedl Collection in NHMW, Wien.
Distribution: Africa (Ivory Coast/Tanzania/Zaire/Zambia).
Hosts: *Piptadenia africana*.
Notes: (3) Beaver et al. 1955: 130 (described female).
References: (bv) Loytyniemi, Beaver, & Loytyniemi 1955: 28. (cc) Jover 1952: 73–81. (hb) Jover 1952: 73–81; Loytyniemi, Beaver, & Loytyniemi 1955: 28. (ds) Beaver & Loytyniemi 1955b: 130; Cachan 1957: 6, 15; Schedl 1962k: 931, 1965g: 21, 1972f: 160. (tx) Numberg 1966a: 187; Schedl 1941d: 406–407, 1951f: 40, 1952g: 55, 1954d: 573, 1962k: 931, 1965g: 21, 1972f: 160, 1978a: 29.
- expletus Schedl** 1941d: 412. Holotype ♀; Kamerun; Schedl Collection in NHMW, Wien.
Distribution: Africa (Cameroon/Ruanda/Zaire).
Hosts: Schedl 1962k: 836 (13 host species listed).
Notes: (3) Schedl 1951i: 58 (described female).
References: (cc) Schedl 1962k: 834. (hb) Schedl 1962k: 834. (ds) Mayne & Donis 1960: 96, 1962: 270; Schedl 1962k: 834, 1972f: 158. (tx) Numberg 1966a: 187; Schedl 1941d: 412, 1951i: 58, 1957d: 134, 1962k: 834, 1972f: 158, 1978a: 29.
- falsificus (Schedl)** 1933f: 201 (*Crossotarsus*). Lectotype ♂; Mayumbe, Soc. Bomeco, and Lucalla, Cie Ind. Bois Congo; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 30.
Distribution: Africa (Nigeria/Zaire).
Hosts: *Millettia* sp.
References: (cn) Vrydagh 1947a: 8. (cc) Roberts 1969b: 110. (ds) Browne 1980d: 493; Roberts 1968: 190; Schedl 1933f: 202, 1962k: 838, 1972f: 158; Vrydagh 1947a: 8. (tx) Schedl 1933f: 201–202, 1937c: 15, 1950d: 5, 1952i: 56, 1962k: 838, 1972f: 158, 1978a: 31.
- forcipatus Schedl** 1955c: 33. Lectotype ♂; Africa Orient. Ital.; Sagan-Omo, Caschei; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 31.
Distribution: Africa (Mozambique/Somalia).
References: (ds) Schedl 1972f: 154. (tx) Numberg 1966a: 186; Schedl 1955c: 33, 1962k: 932, 1972f: 154, 1978a: 31.
- fulgens Schedl** 1951i: 51. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.
Distribution: Africa (Nigeria/Uganda/Zaire).
Hosts: *Chrysophyllum lacourianum*, *Cynometra alexandri*, *Dacryodes yangambiensis*.
References: (ds) Gardner 1957a: 28; Mayne & Donis 1962: 270; Roberts 1968: 181, 1969b: 110; Schedl 1962k: 879, 1972f: 161. (tx) Numberg 1966a: 186; Schedl 1952i: 51, 1957d: 140, 1962k: 879, 1972f: 161, 1978a: 32.
- fuscipilosulus (Schedl)** 1936b: 133 (*Crossotarsus*). Holotype ♂; Kamerun; Schedl Collection in NHMW, Wien.
Distribution: Africa (Cameroon).
References: (ds) Schedl 1972f: 150. (tx) Schedl 1936b: 133, 1937c: 14–15, 1962k: 932, 1972f: 150, 1978a: 32.
- galerus (Schedl)** 1936b: 131 (*Crossotarsus*). Holotype ♀; Franz. Kongo; Schedl Collection in NHMW, Wien.
Distribution: Africa (Congo/Gabon/Zaire).
Hosts: *Allogogus brunneus*, *Combretum oblongum*.
References: (cc) Schedl 1962k: 779. (ds) Schedl 1962k: 779, 1972f: 154. (tx) Numberg 1966a: 186; Schedl 1936b: 131, 1962k: 779, 1972f: 154, 1978a: 32.
- ghesquieri (Schedl)** 1933f: 198 (*Crossotarsus*). Lectotype ♂; Wendji, Sankum, Haut-Ucle, Moto; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 32.
Figures: Schedl 1962k: 887, 1972f: 163.
Distribution: Africa (Cameroon/Congo/Ivory Coast/Kenya/Malawi/Nigeria/Zaire).
Hosts: Schedl 1962k: 887–889 (39 host species listed).
Notes: (3) Schedl 1952i: 57 (described female).
References: (ay) Lhoste & Roche 1960. (cc) Jover 1952: 73–81; Schedl 1962k: 886. (hb) Jover 1952: 73–81; Schedl 1962k: 886. (ds) Browne 1972c: 100; Cachan 1957: 6, 15; Gardner 1957a: 28; Mayne & Donis 1960: 96, 1962: 270; Roberts 1965: 191, 1969b: 110; Schedl 1933f: 198, 200, 1962k: 886, 1966c: 231, 1972f: 162. (tx) Numberg 1966a: 186; Powell, W. 1957: 27; Schedl 1933f: 198, 200, 1937d: 35, 1941d: 381, 1950e: 212, 1952i: 57, 1954d: 873, 1955i: 213, 1956a: 35, 1962k: 886–887, 1114, 1972f: 162–163, 1978a: 32.
- glaber Schedl** 1962k: 1114. Holotype ♂; Congo; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
References: (ds) Schedl 1972f: 162. (tx) Schedl 1962k: 1114, 1972f: 162, 1978a: 32.
- gracilior Schedl** 1954d: 883. Lectotype ♂; Cote d'Ivoire, Lagune Ono; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 33.
Distribution: Africa (Ghana/Ivory Coast/Nigeria/Zaire).
Hosts: *Albizzia zygia*, *Pentaclethra macrophylla*, *Piptadenia africana*, *Theobroma cacao*.
References: (hb) Roberts 1969b: 110; Thompson, C. H. 1963: 41. (ds) Schedl 1962k: 779, 1972f: 154; Thompson, C. H. 1963: 41. (tx) Numberg 1966a: 186; Schedl 1954d: 873, 883, 1954e: 56, 1962k: 779, 1972f: 154, 1978a: 33.
- guineensis Roberts** 1965: 223. Holotype ♂; Nigeria; Oban; BMNH, London.

- Distribution: Africa (Nigeria).
Hosts: *Strombosia pustulata*.
References: (ds) Roberts 1968: 191; Schedl 1972f: 154. (tx) Roberts 1965: 223; Schedl 1972f: 154.
- hartwegi** Schedl 1979d: 452. Holotype ♂; Kamerun, Oku-See; Alexander Koenig Museum, Bonn.
Distribution: Africa (Cameroon).
References: (tx) Schedl 1979d: 452.
- ibex** Schedl 1941d: 411. Holotype ♂; St. Thome Isle; Schedl Collection in NHMW, Wien.
Figures: Schedl 1962k: 956, 1972f: 161.
Distribution: Africa (Sao Tome Island).
References: (ds) Schedl 1972f: 162. (tx) Numberg 1966a: 187; Schedl 1941d: 411, 1962k: 956, 1972f: 161–162, 1975a: 36.
- incilis** Schedl 1957d: 143. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.
Distribution: Africa (Nigeria/Zaire).
Hosts: *Cynometra hankei*.
References: (ds) Roberts 1968: 191; Schedl 1962k: 923, 1972f: 148. (tx) Numberg 1966a: 186; Schedl 1957d: 143, 1962k: 923, 1972f: 148, 1975a: 37.
- insitivus** Schedl 1971e: 15. Holotype ♂; Fernando Poo; Schedl Collection in NHMW, Wien.
Distribution: Africa (Fernando Po Island/ Ivory Coast/Zaire).
References: (ds) Schedl 1971e: 15, 1972f: 154. (tx) Schedl 1972f: 154, 1975a: 37.
- integratus** Roberts 1964: 409. Holotype ♂; Nigeria; Adaura; BMNH, London.
Distribution: Africa (Nigeria).
Hosts: *Crossandra* sp.
Notes: (3) Schedl 1972f: 151 (treated as a synonym of *ukereweensis*), Beaver & Loytyniemi 1955b: 125 (a good species).
References: (tx) Roberts 1964: 409, 1968: 192; Roberts & Loytyniemi 1955b: 125; Schedl 1972f: 151.
- interjectus** Schedl 1941d: 409. Holotype ♂; Kamerun; Schedl Collection in NHMW, Wien.
Distribution: Africa (Cameroon/ Ghana/ Ivory Coast/ Nigeria/ Sierra Leone/ Uganda/ Zaire).
Hosts: Schedl 1962k: 840 (19 host species listed).
References: (cn) Thompson, G. H. 1960. (ec) Roberts 1969a: 111. (hb) Schedl 1962k: 839; Thompson, G. H. 1963: 41. (ds) Browne 1950b: 381; Cachan 1957: 5, 15; Mayne & Donis 1962: 271; Roberts 1968: 190; Schedl 1961m: 85, 1962h: 62, 1962k: 839, 1964j: 43, 1965e: 358, 1972f: 158; Thompson, G. H. 1960, 1963: 41. (tx) Numberg 1966a: 187; Schedl 1941d: 408–409, 1950e: 215–216, 1954d: 873, 1954e: 56, 1957d: 138, 1961m: 85, 1962h: 62, 1962k: 839, 1115, 1962q: 494, 1972f: 158, 1975a: 37.
- interruptus** (Sampson) 1924c: 124 (*Crossotarsus*).
Holotype ♂; Belgian Congo, Elisabethville (Miss. Agric.); MRCB, Tervuren.
Distribution: Africa (Angola/ Ghana/ Guinea/ Kenya/ Tanzania/ Uganda/ Zaire/ Zambia/ Zimbabwe).
Hosts: *Acacia* sp., *Antiaris* sp., *Baikaea* sp., *Brachystegia* sp.
Notes: (3) Schedl 1936b: 132 (described female).
References: (bv) Loytyniemi, Beaver, & Loytyniemi 1955: 28. (hb) Loytyniemi, Beaver, & Loytyniemi 1955b: 131; Ferreira 1965: 1132; Gardier 1957a: 28; Schedl 1933f: 198–199, 1959p: 23, 1962k: 890, 1972f: 162, 1975h: 351. (tx) Numberg 1966a: 186; Sampson 1924c: 124–126; Schedl 1933f: 198–199, 1936b: 131–133, 1937b: 406–407, 1937d: 35, 1950d: 12, 1952i: 26–27, 1961d: 178–179, 1962k: 890, 1965g: 21, 1972f: 162, 1975a: 38.
- intritus** (Schedl) 1939g: 167 (*Crossotarsus*). Syn-types ♂ ♀; Insel Ukerewe [Schedl 1979: 38]; Conrad Collection and Schedl Collection in NHMW, Wien.
Distribution: Africa (Ivory Coast/ Tanzania/ Uganda/ Zaire).
Hosts: *Cynometra alexandrii*, C. sp., *Parinariium curatellifolium*.
Notes: (1) Schedl 1975a: 38 (citation of holotype invalid).
References: (ds) Schedl 1959q: 706, 1962k: 750, 1972f: 154. (tx) Numberg 1966a: 186; Schedl 1939g: 167, 1953g: 244, 1957d: 132, 1962k: 750, 1972f: 154, 1975a: 38.
- jurioni** Schedl 1952i: 37. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.
Figures: Schedl 1962k: 933.
Distribution: Africa (Cameroon/ Nigeria/ Zaire).
Hosts: *Allophylus africanus*, *Alstonia boone*, *Blighia wehwithschii*, *Carapa procera*, *Celtis briejii*, *Drypetes leonensis*, *Guarea cedrata*, *Microcos pinnatifida*, *Microdesmis puberula*, *Pancovia harmsiana*, *P. laurentii*, *Pterygota bequaertii*.
Notes: (3) Schedl 1957: 139 (described female).
References: (ec) Schedl 1962k: 932. (hb) Schedl 1962k: 932. (ds) Mayne & Donis 1960: 96, 1962: 271; Roberts 1968: 192, 1969b: 111; Schedl 1962k: 932, 1972f: 160. (tx) Numberg 1966a: 186; Schedl 1952i: 37, 1953g: 244, 1957d: 139, 1962k: 932–933, 1964j: 48, 1972f: 160, 1975a: 39.
- kakaoensis** Schedl 1941d: 408. Holotype ♂; Kamerun, Victoria Co.; Schedl Collection in NHMW, Wien [data not given in original publication, added in Schedl 1975a: 39].
Distribution: Africa (Cameroon/ Ghana/ Zaire).
Hosts: Kakao [presumably *Theobroma cacao*].
References: (ds) Schedl 1972e: 255, 1972f: 158. (tx) Numberg 1966a: 187; Schedl 1941d: 408, 1962k: 843, 1972f: 158, 1975a: 39.

- karii** **Beaver** in Beaver & Loyttniemi 1955b: 127. Holotype ♂: Zambia: Chati, Kitwe; BMNH, London.
 Figures: Beaver & Loyttniemi 1955b: 127.
 Distribution: Africa (Zambia).
 References: **(bv)** Loyttniemi, Beaver, & Loyttniemi 1955: 25. **(hb)** Loyttniemi, Beaver, & Loyttniemi 1955: 25. **(tx)** Beaver & Loyttniemi 1955b: 127.
- lateralis** **Schedl** 1952i: 35. Holotype ♂: Congo Belge; Yangambi; MRCB, Tervuren.
 Figures: Schedl 1962k: 752, 1972f: 152.
 Distribution: Africa (Nigeria/ Togo/ Zaïre).
 Hosts: *Anonidium manni*, *Guarea laurentii*, *Macaranga* sp., *Mammea africana*, *Ongokea gore*, *Pterygota bequaertii*, *Scorodophloeus zenkeri*. Schedl 1962k: 751–752 (23 host species listed).
 References: **(cc)** Schedl 1962k: 751. **(hb)** Schedl 1962k: 751. **(ds)** Mayne & Donis 1960: 96, 1962: 271; Roberts 1965: 190, 1969b: 111; Schedl 1962k: 751, 1972f: 154. **(tx)** Numberg 1966a: 186; Schedl 1952i: 35, 1957d: 141, 1962k: 751–752, 1972f: 152, 154, 1975a: 40.
- lebruni** **Schedl** 1952i: 40. Holotype ♂: Congo Belge; Yangambi; MRCB, Tervuren.
 Figures: Schedl 1962k: 845.
 Distribution: Africa (Nigeria/ Sierra Leone/ Zaïre).
 Hosts: Schedl 1962k: 844–847 (48 host species listed).
 References: **(cc)** Schedl 1962k: 844. **(hb)** Schedl 1962k: 844. **(ds)** Mayne & Donis 1960: 271; Roberts 1965: 190, 1969b: 11; Schedl 1962k: 844, 1972f: 155. **(tx)** Numberg 1966a: 157; Schedl 1952i: 40–44, 1962k: 844–845, 1972f: 155, 1975a: 40.
- lecontei** **Schedl** 1957d: 134. Holotype ♂: Congo Belge; Yangambi; MRCB, Tervuren.
 Distribution: Africa (Fernando Po Island/ Nigeria/ Zaïre).
 Hosts: *Angylocalyx pynaertii*, *Guarea laurentii*, *Strombosia grandiflora*.
 References: **(cc)** Schedl 1962k: 935, 1972c: 60. **(hb)** Schedl 1962k: 935. **(ds)** Roberts 1965: 192, 1969b: 111; Schedl 1962k: 935, 1971g: 195, 1972f: 150. **(tx)** Numberg 1966a: 187–194; Schedl 1957d: 134, 1962k: 935, 1972f: 150, 1975a: 40.
- lefevrei** **Schedl** 1952i: 53. Holotype ♂: Congo Belge; Kivu, Mulungu; MRCB, Tervuren.
 Figures: Mayne & Donis 1960: 272, Schedl 1962k: 785–786, 1972f: 152.
 Distribution: Africa (Nigeria/ Zaïre).
 Hosts: Schedl 1962k: 786–788 (53 host species listed).
 References: **(hb)** Schedl 1962k: 785. **(ds)** Mayne & Donis 1960: 96, 1962: 272; Roberts 1965: 190, 1969b: 111–112; Schedl 1962k: 785, 1972f: 154. **(tx)** Mayne & Donis 1960: 272; Numberg 1966a: 186; Schedl 1952i: 53, 1962k: 785–786, 1972f: 152, 154, 1975a: 40.
- lobatus** (**Schedl**) 1936b: 128 (*Crossotarsus*). Syn-types ♂♀: Ostafrika; Schedl Collection in NHMW, Wien.
 Distribution: Africa (Kenya/ Tanzania/ Zaïre/ Zambia).
 Hosts: *Acacia lahai*, *A.* spp.
 Notes: (1) Schedl 1975a: 41 (citation of holotype invalid).
 References: **(ds)** Beaver & Loyttniemi 1955b: 125; Schedl 1935d: 451, 1962k: 759, 1966c: 232, 1971c: 5, 1972f: 155. **(tx)** Numberg 1966a: 186; Schedl 1936b: 128–129, 1935d: 451, 1939g: 167, 1962k: 789, 1972f: 155, 1975a: 41.
- malkini** **Schedl** 1956a: 34. Holotype ♂: Nigeria, Ogbomosh; CAS, San Francisco.
 Distribution: Africa (Ghana/ Ivory Coast/ Nigeria/ Sierra Leone).
 Hosts: *Cassia* sp., *Sterculia rhinopetala*.
 Notes: (3) Schedl 1962k: 1115 (described female).
 References: **(hb)** Browne 1963a: 261. **(ds)** Browne 1963a: 261; Roberts 1965: 190, 1969b: 112; Schedl 1962h: 62, 1962k: 789, 1964j: 43, 1972c: 255, 1972f: 155. **(tx)** Numberg 1966a: 186; Schedl 1956a: 34, 1962h: 72, 1962k: 789, 1115, 1972f: 155, 1975a: 42.
- maynei** **Schedl** 1952i: 45. Holotype ♂: Congo Belge; Yangambi; MRCB, Tervuren.
 Figures: Schedl 1962k: 881.
 Distribution: Africa (Zaïre).
 Hosts: *Chrysophyllum pruniferum*, *Erythrophloeum guineense*, *Pterocarpus soyauxii*, *Scorodophloeus zenkeri*, *Strombosia grandifolia*, *S. scheffleri*.
 References: **(ds)** Mayne & Donis 1960: 96, 1963: 272; Schedl 1962k: 880, 1972f: 162. **(tx)** Numberg 1966a: 186; Schedl 1952i: 45, 1957d: 140, 1962k: 880–881, 1972f: 162, 1975a: 43.
- medius** **Schedl** 1952i: 28. Holotype ♂: Congo Belge; Yangambi; MRCB, Tervuren.
 Figures: Schedl 1962k: 923, 1972f: 147.
 Distribution: Africa (Angola/ Cameroon/ Congo/ Gabon/ Ghana/ Kenya/ Nigeria/ Sierra Leone/ Zaïre/ Zambia/ Zimbabwe).
 Hosts: Schedl 1962k: 913–916 (60 host species listed).
 Notes: (1) Originally named as a subspecies of *rapax*. (3) Schedl 1972f: 147 (treated as a subspecies of *bracis*). Browne 1972c: 125 (a good species).
 References: **(ds)** Ferreira 1965: 1131; Mayne & Davis 1960: 96–97, 1962: 275; Roberts 1965: 191, 1969b: 107; Schedl 1959p: 22, 1962k: 913–918, 1964f: 619, 1965c: 358, 1967e: 221, 1969a: 205, 1972c: 255; Thompson, C. H. 1963: 43. **(tx)** Browne 1972c: 125; Schedl 1952i: 28–30, 1952j: 7, 1954e: 57–69, 1957d: 142–143, 1962h: 61, 1962k: 913–918, 1110, 1972f: 147, 1975a: 61.
- megatoma** **Schedl** 1952i: 31. Holotype ♂: Congo Belge; Yangambi; MRCB, Tervuren.

Distribution: Africa (Cameroon/ Nigeria/ Uganda/ Zaire).

Hosts: Schedl 1962k: 924–925 (31 host species listed).

References: (ce) Schedl 1962k: 923. (ds) Mayne & Donis 1960: 96, 1962: 273; Roberts 1968: 191, 1969b: 157; Schedl 1962k: 923, 1972f: 145. (tx) Numberg 1966a: 157; Schedl 1952i: 31, 1957d: 143, 1962k: 923, 1972f: 145–149, 1978a: 43.

megatoma raxator Schedl 1957d: 144. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren. Notes: (3) Schedl 1978a: 43 (treated as a subspecies of *megatoma*).

References: (ds) Mayne & Donis 1962: 273; Roberts 1968: 191, 1969b: 115. (tx) Schedl 1957d: 143–144, 1962k: 925, 1119, 1972f: 145, 1978a: 43.

mimicus (Schedl) 1933f: 195 (*Crossotarsus*). Lectotype ♂; Katanga; Mulando; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 43. Figures: Browne 1972c: 119.

Distribution: Africa (Angola/ Cameroon/ Ghana/ Guinea/ Ivory Coast/ Kenya/ Malawi/ Mozambique/ Nigeria/ Sierra Leone/ South Africa/ Tanzania/ Zaire/ Zambia/ Zimbabwe).

Hosts: *Albizzia* spp., *Brachystegia* spp., *Bussia occidentalis*, *Celtis* spp., *Eutandrophragma utile*, *Pterygota macrocarpa*, *Triplochiton scleroxylon*.

References: (bv) Loyttyneimi, Beaver, & Loyttyneimi 1955: 28. (hb) Jones, Roberts, & Baker 1959: 13–53; Loyttyneimi, Beaver, & Loyttyneimi 1955: 28. (ds) Browne 1972c: 119; Ferreira 1965: 1132; Gardner 1957a: 28; Schedl 1933f: 195, 1938d: 451, 1962k: 891, 1972f: 162; Tordo 1957: 10. (tx) Browne 1972c: 119; Numberg 1966a: 186, 197; Powell, W. 1957: 27; Schedl 1933f: 195–199, 1936b: 127, 1941e: 154, 1950d: 4, 12, 1952g: 54, 1952i: 45, 1953g: 244, 1957b: 152–153, 1962k: 891, 1965c: 52, 1972f: 162, 1978a: 43, 77.

mispinosus Schedl 1936: 127 (*Crossotarsus*).

Holotype ♂; Guinea; Schedl Collection in NHMW, Wien. Synonymy: Browne 1972c: 119, Schedl 1978a: 77.

Notes: (3) Schedl 1954e: 84 (described female).

References: (ce) Roberts 1969b: 115. (hb) Browne 1962: 94, 1963a: 263, 1968: 249; Roberts 1961c: 37; Thompson, G. H. 1963: 43. (ds) Browne 1961: 39–43, 1963a: 263, 1972c: 119, 1968: 249; Cola 1971; Ferreira 1965: 1133; Roberts 1968: 191, 1969b: 115; Schedl 1959p: 23, 1962h: 63, 1962k: 895, 1972e: 255, 1972f: 162, 1975h: 351, 1982: 279; Thompson, G. H. 1963: 43. (tx) Browne 1972c: 119; Numberg 1959: 167, 1966a: 186; Schedl 1936b: 126–127, 1937b: 406, 1954e: 57, 84, 1955d: 270, 1960h: 111, 1962k: 895, 1119, 1972f: 162, 1978a: 77.

mispinosus Schedl 1937b: 406. Lectotype ♂; N.

Rhodesia, N'Changa; Schedl Collection in NHMW, designated by Schedl 1978a: 77. Synonymy: Schedl 1972f: 162.

Notes: (3) This synonym resulted from inadvertent double naming by Schedl.

References: (tx) Schedl 1937b: 406, 1972f: 162, 1978a: 77.

minimus Schedl 1957d: 131. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren. Figures: Numberg 1966b: 197.

Distribution: Africa (Nigeria/ Zaire).

Hosts: *Dialium corbisieri*, *Terminalia superba*.

References: (ds) Roberts 1969b: 112; Schedl 1962k: 790, 1972f: 155. (tx) Numberg 1966b: 186, 197; Schedl 1957d: 131, 1962k: 790, 1972f: 155, 1978a: 43.

minor Schedl 1952i: 25. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.

Distribution: Africa (Nigeria/ Zaire).

Hosts: Schedl 1962k: 919–920 (25 host species listed).

Notes: (1) Originally named as a subspecies of *rapax*. (3) Schedl 1972f: 147 (treated as a subspecies of *brevis*), Browne 1972c: 125 (a good species).

References: (ds) Browne 1980c: 456; Roberts 1968: 191. (tx) Browne 1972c: 125; Schedl 1952i: 28–30, 1957d: 142–143, 1962k: 919, 1972f: 147, 1972g: 83.

minutissimus (Schedl) 1935g: 316 (*Crossotarsus*). Holotype ♂; Kamerun; Schedl Collection in NHMW, Wien.

Distribution: Africa (Cameroon/ Equatorial Guinea/ Ghana/ Guinea/ Sierra Leone/ Tanzania/ Zaire).

Hosts: *Celtis mildbraedii*, *Gnarcia thompsonii*, *Ochthocosmus africanus*.

Notes: (3) Roberts 1970b: 475 (described female). References: (ds) Browne 1980b: 352; Schedl 1962h: 62, 1962k: 937, 1971f: 195, 1972f: 150, 1975h: 352. (tx) Numberg 1966a: 157; Roberts 1970b: 475; Schedl 1935g: 316, 1957d: 136, 1962k: 936–937, 1972f: 150, 1978a: 44.

mitratus Numberg 1966a: 192. Holotype ♀; Congo; Elisabethville; MRCB, Tervuren.

Figures: Numberg 1966a: pl. 2, figs. 4–6.

Distribution: Africa (Zaire).

References: (tx) Numberg 1966a: 192.

modestus Beaver in Beaver & Loyttyneimi 1955: 123. Holotype ♂; Zambia; Chati, Kitwe; BMNH, London.

Distribution: Africa (Zambia).

References: (bv) Loyttyneimi, Beaver, & Loyttyneimi 1955: 28. (hb) Loyttyneimi, Beaver, & Loyttyneimi 1955: 28. (tx) Beaver & Loyttyneimi 1955: 123.

- montanus Roberts** 1966b: 626. Holotype ♂: Nigeria: Gyele Nyaki (Mambilla Plateau), Sardauna Prov.; BMNH, London.
Distribution: Africa (Nigeria).
References: (ds) Browne 1980b: 382; Roberts 1966b: 626, 1968: 192; Schedl 1972f: 150. (tx) Schedl 1972f: 150.
- multipunctus Roberts** 1964: 405. Holotype ♂: Nigeria: Idanre; BMNH, London.
Distribution: Africa (Nigeria).
References: (ds) Roberts 1968: 190; Schedl 1972f: 155. (tx) Roberts 1964: 405; Schedl 1972f: 155.
- nairobiensis (Schedl)** 1937c: 15 (*Crossotarsus*). Lectotype ♂: British East Africa: Nairobi; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 45.
Distribution: Africa (Ghana/ Kenya/ Tanzania).
Hosts: *Antiaris africana*, *Baphia nitida*, *Cassipourea* sp., *Cordia* sp., *Dombeya* sp., *Ekebergia ruppchiana*, *Eutaedophragma cylindricum*, *Eucalyptus* sp., *Mausonia altissima*, *Polyscias* sp., *Turraeanthus vignei*, *Warburgia ugandensis*.
References: (cn) Anonymous 1953j: 25; Curry 1958b: 125–132; Thompson, G. H. 1960. (cc) Anonymous 1953j: 25; Jover 1952: 73–81. (hb) Jones, Roberts, & Baker 1959: 13, 21; Jover 1952: 73–81; Thompson, G. H. 1963: 42; Webb & Jones 1957: 25–40. (ds) Gardner 1957a: 29; Schedl 1962k: 847, 1972f: 158; Thompson, G. H. 1960, 1963: 42. (tx) Numborg 1966a: 187; Powell, W. 1957: 27; Schedl 1937c: 15, 1941d: 409, 1950c: 212, 215, 1952j: 6, 1954d: 873, 1954e: 56, 1957d: 138, 1962k: 847, 1972f: 158, 1978a: 45.
- namus (Schedl)** 1937d: 37 (*Crossotarsus*). Syntypes ♀: Kamerun; MNB, Berlin, Hamburg Museum, lost, Schedl Collection in NHMW, Wien.
Distribution: Africa (Cameroon/ Tanzania/ Togo).
Notes: (1) Schedl 1978a: 46 (type restricted to MNB, Berlin specimens). (3) Schedl 1972f: 147 (treated as a subspecies of *brevis*).
References: (tx) Numborg 1966a: 187; Schedl 1937d: 37, 1941d: 409, 1952j: 6, 1954e: 48, 1957d: 118, 142, 144, 1962k: 922, 1972f: 147.
- neconjunctus Schedl** 1962k: 1115. Holotype ♂: Congo; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
References: (ds) Schedl 1972f: 162. (tx) Schedl 1962k: 1115, 1972f: 162, 1978a: 46.
- nigeriensis Roberts** 1971a: 283. Holotype ♂: Nigeria: Boshi Extension Forest Reserve, Obudu Plateau, 5000 feet; BMNH, London.
Distribution: Africa (Nigeria).
Hosts: *Garcinia guetoides*.
References: (tx) Roberts 1971a: 283.
- nitens Browne** 1970: 581. Holotype ♂: Tanzania: Lushoto, Shume Forest Reserve; BMNH, London.
Distribution: Africa (Tanzania).
Hosts: *Albizia maranguensis*.
References: (ds) Schedl 1972f: 158. (tx) Browne 1970: 581; Schedl 1972f: 158.
- nitidulus Schedl** 1957d: 141. Holotype ♂: Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren.
Distribution: Africa (Sierra Leone/ Zaire).
Hosts: *Bussa occidentalis*, *Carapa grandiflora*.
Notes: (3) Schedl 1971e: 15 (described female).
References: (ds) Schedl 1962k: 790, 1971e: 4, 1972f: 155. (tx) Numborg 1966a: 186; Schedl 1957d: 141, 1962k: 790, 1971e: 15, 1972f: 155, 1978a: 47.
- leonensis Roberts** 1970b: 477. Holotype ♂: Sierra Leone: Gola West Forest Reserve; BMNH, London. Synonymy: Schedl 1972f: 155.
References: (tx) Roberts 1970b: 477; Schedl 1972f: 155.
- notatus Schedl** 1962k: 872. Holotype ♂: Gold Coast: MRCB, Tervuren.
Distribution: Africa (Ghana/ Nigeria/ Uganda/ Zaire).
Hosts: *Cyanogeton alexandri*, *Hymenocardia ulmoides*, *Pentaclethra macrophylla*, *Scorodophloeus zenkeri*, *Triplochiton scleroxylon*.
Notes: (1) Schedl 1978a: 48 (citation of holotype invalid). (3) Browne 1980e: 779 (described female).
References: (hb) Thompson, G. H. 1963: 42. (ds) Gardner 1957a: 29; Roberts 1968: 191; Schedl 1972f: 160; Thompson, G. H. 1963: 42. (tx) Browne 1980e: 779; Numborg 1966a: 188; Schedl 1950d: 35, 1952i: 59, 1954e: 56, 1962k: 872, 1972f: 160, 1978a: 48.
- obanensis Roberts** 1964: 407. Holotype ♂: Nigeria: Oban; BMNH, London.
Distribution: Africa (Congo/ Nigeria).
References: (ds) Browne 1972c: 100; Roberts 1968: 190; Schedl 1972f: 155. (tx) Roberts 1964: 407; Schedl 1972f: 155.
- obuduensis Roberts** 1966b: 623. Holotype ♂: Nigeria: Obudu Cattle Ranch; BMNH, London.
Distribution: Africa (Nigeria).
Hosts: *Scottellia coriacea*, *Trichilia* sp.
Notes: (3) Schedl 1972f: 151 (treated as a subspecies of *strombosiopsis*).
References: (ds) Roberts 1966b: 623, 1968: 192; Schedl 1972f: 151. (tx) Roberts 1966b: 623; Schedl 1972f: 151.
- occalleseus Schedl** 1957d: 134. Holotype ♂: Ruanda: Ihembe; MRCB, Tervuren.
Distribution: Africa (Ruanda/ Zaire).
Hosts: *Drypetes ituriensis*, *Syzgium parvifolium*.
References: (ds) Mayne & Donis 1962: 273; Schedl 1962k: 849, 1972f: 158. (tx) Numborg 1966a: 187; Schedl 1957d: 134, 1962k: 849, 1972f: 158, 1978a: 49.

octodentatus **Browne** 1980c: 778. Holotype ♂; Zaïre: Kisangani; MRCB, Tervuren.
Distribution: Africa (Zaïre).
References: (tx) Browne 1980c: 778.

omissus **Schedl** 1957: 133. Holotype ♂; Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren.
Figures: Schedl 1962k: 874, 1972f: 159.
Distribution: Africa (Zaïre).
Hosts: *Radlkofera* sp.

Notes: (3) Schedl 1962k: 1116 (described female).
References: (ds) Schedl 1962k: 873, 1972f: 160. (tx) Numberg 1966a: 186; Schedl 1957d: 133, 1962k: 873–874, 1116, 1972f: 159–160, 1978a: 49.

opifex (**Sampson**) 1922a: 139 (*Crossotarsus*). Holotype ♂; Portuguese East Africa: Xinavane; BMNH, London.

Distribution: Africa (Equatorial Guinea/ Ghana/ Kenya/ Malawi/ Mozambique/ Nigeria/ Senegal/ Sierra Leone/ Sudan/ Tanzania/ Uganda/ Zaïre/ Zambia/ Zimbabwe), Madagascar.

Hosts: *Acacia lahai*, *Azacia africana*, *Albizzia zygia*, *Antiaris africana*, *Bussea occidentalis*, *Hymenostegia afzelii*, *Panda oleosa*, *Piptadeniastrum africanum*, *Triplochiton scleroxylon*.

References: (bv) Loytyniemi, Beaver, & Loytyniemi 1955: 28. (hb) Browne 1963a: 261; Jones, Roberts, & Baker 1959: 13–53; Loytyniemi, Beaver, & Loytyniemi 1955: 28; Roberts 1969: 112; Thompson, G. H. 1963: 42; Webb & Jones 1957: 37, 40. (ds) Beaver & Loytyniemi 1955b: 128; Browne 1963a: 261, 1972c: 100; Gardner 1957a: 29; Mayne & Donis 1962: 273; Schedl 1933f: 197–198, 1933d: 451, 1962k: 791, 1965c: 52, 1965e: 359, 1968b: 145, 1971f: 150, 1971g: 195, 1972f: 155; Thompson, G. H. 1963: 42. (tx) Numberg 1966a: 186; Powell, W. 1987: 27; Sampson 1922a: 137–139, 1924c: 126; Schedl 1933f: 197–198, 1935g: 319, 1936b: 128, 1939g: 167–168, 1950d: 11, 1952g: 54, 1953g: 244, 246, 1954d: 883, 1954e: 56, 1957d: 131, 1962k: 791, 1117, 1972f: 155.

opulentus **Schedl** 1952i: 59. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Distribution: Africa (Zaïre).

Hosts: *Daeryodes yangambiensis*, *Pterocarpus soyauxii*.

References: (ds) Mayne & Donis 1962: 273; Schedl 1962k: 874, 1972f: 160. (tx) Numberg 1966a: 187; Schedl 1952i: 59, 1962k: 874, 1972f: 160, 1978a: 50.

oraclatus **Roberts** 1964: 403. Holotype ♂; Nigeria: Idanre; BMNH, London.

Distribution: Africa (Nigeria).

Hosts: *Ficus* sp.

References: (ds) Roberts 1968: 191; Schedl 1972f: 148. (tx) Roberts 1964; Schedl 1972f: 148.

perbrevis **Schedl** 1952i: 30. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.

Figures: Schedl 1962k: 899.

Distribution: Africa (Congo/ Ghana/ Ivory Coast/ Kenya/ Malawi/ Nigeria/ Sierra Leone/ Uganda/ Zaïre).

Hosts: *Azacia africana*, *Albizzia zygia*, *Bhigia sapida*, *Celtis* spp., *Croton* sp., *Cynometra* sp., *Ficus exasperata*, *Khaya* spp., *Lonchocarpus sericeus*, *Milbrachdiodendron excelsum*, *Tetrapleura tetraptera*, *Trema guineensis*, *Vernonia conferta*. Schedl 1962k: 901–903 (29 host species listed).

Notes: (3) Schedl 1957d: 142 and 1972f: 146 (treated as a subspecies of *brevis*). Browne 1972c: 147 (a good species).

References: (av) Entwistle 1963b. (bv) Entwistle 1963b. (cn) Thompson, G. H. 1960. (hb) Entwistle 1963b. (ds) Browne 1980a: 373; Cachan 1957: 15; Gardner 1957a: 29; Lee 1971: 29; Mayne & Donis 1960: 96, 1962: 274; Roberts 1965: 191, 1969b: 107; Schedl 1959q: 706, 1975h: 351; Thompson, G. H. 1960. (tx) Browne 1972c: 123; Powell, W. 1987: 27; Schedl 1952i: 30–31, 1954e: 85, 1955i: 213, 1957d: 142–143, 1959q: 706, 1962h: 61, 1962k: 899, 1972f: 146–147, 1978a: 52.

perbrevis solidus Schedl 1954e: 85. Lectotype ♂; Gold Coast: Koforidua; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 53. Synonymy: Browne 1972c: 123.

Notes: (3) Schedl 1972f: 145 (treated as a subspecies of *brevis*).

References: (hb) Jones, Roberts, & Baker 1959: 13–51; Thompson, G. H. 1963: 42; Webb & Jones 1957: 35–40. (ds) Roberts 1965: 191, 1969b: 107; Thompson, G. H. 1963: 42. (tx) Browne 1972c: 123; Schedl 1954e: 56, 85, 1957d: 142–143, 1962h: 62, 1962k: 900, 1110, 1972f: 148, 1978a: 53.

perminutissimus (**Schedl**) 1936b: 130 (*Crossotarsus*). Lectotype ♀; Kamerun and Spanish Guinea; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 53.

Distribution: Africa (Cameroon/ Equatorial Guinea/ Ghana/ Nigeria/ Sierra Leone).

Hosts: *Albizzia zygia*, *Cassia siamea*, *Parkia* sp., *Piptadenia africana*, *Piptadeniastrum africanum*.

Notes: (1) Schedl 1972f: 155 (to *Doliopygus*). (3) Schedl 1954e: 65 (described female), 1954e: 85 (described male).

References: (hb) Thompson, G. H. 1963: 42. (ds) Roberts 1968: 190, 1969b: 133; Schedl 1962k: 792, 1966a: 276, 1972f: 155; Thompson, G. H. 1963: 42. (tx) Numberg 1966a: 186; Schedl 1936b: 130, 1954e: 57, 65, 85, 1957d: 131, 1962k: 792, 1117, 1972f: 155, 1978a: 53.

praeclarus (**Schedl**) 1933f: 199 (*Crossotarsus*). Lectotype ♂; Katanga: Lubombo, Elisabethville, Dunga; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 56.

Distribution: Africa (Angola/ Cameroon/ Ivory

- Coast/ Mozambique/ Nigeria/ Tanzania/ Zaïre/ Zambia/ Zimbabwe).
Notes: (3) Schedl 1936b: 130 and 1941d: 407 (described female).
References: (**bv**) Loyttyneimi, Beaver, & Loyttyneimi 1955: 28. (**hb**) Loyttyneimi, Beaver, & Loyttyneimi 1955: 28. (**ds**) Beaver & Loyttyneimi 1955b: 130; Ferreira 1965: 1132; Roberts 1965: 191, 1969b: 113; Schedl 1933f: 199, 1935d: 451, 1959p: 23, 1962h: 62, 1962k: 552, 1965g: 22, 1966c: 232, 1972f: 162, 1979b: 417. (**tx**) Numberg 1966a: 186; Schedl 1933f: 199, 1934a: 247, 1936b: 130, 1937b: 407, 1937d: 35, 1941d: 407, 1941e: 153, 1952g: 55, 1962h: 62, 1962k: 552, 1117, 1972f: 162, 1975a: 56.
- praemorsus (Dalman)** 1823: 82 (*Platypus*). Holotype ♂: Sierra Leone; Schoenherr Collection. Distribution: Africa (Sierra Leone).
References: (**ds**) Schedl 1972f: 155. (**tx**) Dalman 1823: 82; Schedl 1972f: 155.
- prolongatus Schedl** 1962k: 1117. Holotype ♂: Senegal; Schedl Collection in NHMW, Wien.
Distribution: Africa (Senegal).
References: (**ds**) Schedl 1972f: 155. (**tx**) Schedl 1962k: 1117, 1972f: 155, 1975a: 57.
- propinquus Schedl** 1954e: 83. Lectotype ♂: Mpraeso; Schedl Collection in NHMW, Wien.
Distribution: Africa (Ghana/ Guinea/ Ivory Coast/ Nigeria/ Sierra Leone/ Zaïre).
Hosts: *Albizzia* spp., *Celtis mildbracii*, *Cola* sp., *Eutandrophragma utile*, *Hymenostegia afzelia*, *Mammea africana*, *Pentaclethra macrophylla*, *Piptadenia africana*, *Piptadeniastrum africanum*, *Strombosia glaucescens*.
References: (**cn**) Anonymous 1953j: 25. (**cc**) Anonymous 1953j: 25. (**hb**) Browne 1963a: 261; Jones, Roberts, & Baker 1959: 13, 44–53; Thompson, G. H. 1963: 42; Webb & Jones 1957: 25–41. (**ds**) Browne 1963a: 261; Roberts 1965: 190; Schedl 1962h: 62, 1962k: 793, 1965e: 359, 1966a: 276, 1972f: 155; Thompson, G. H. 1963: 42. (**tx**) Numberg 1966a: 186; Schedl 1954e: 57, 83, 1962k: 793, 1972f: 155, 1975a: 57.
- proxilus Schedl** 1965e: 378. Holotype ♂: Nig. (vermutlich Nigerien); Schedl Collection in NHMW, Wien.
Distribution: Africa (Nigeria).
References: (**ds**) Schedl 1972f: 148. (**tx**) Schedl 1965e: 378, 1972f: 148, 1975a: 57.
- proximus Schedl** 1957d: 137. Holotype ♂: Congo Belge; Yangambi; MRCB, Tervuren.
Distribution: Africa (Cameroon/ Fernando Po Island/ Ghana/ Nigeria/ Zaïre/ Zambia/ Zimbabwe).
Hosts: *Bussia occidentalis*, *Guarea laurentii*, *Strombosia grandifolia*, *S. scheffleri*.
Notes: (1) Originally named as a subspecies of *ukerevencensis*. Beaver & Loyttyneimi 1955: 124 (raised to species rank).
References: (**bv**) Loyttyneimi, Beaver, & Loyttyneimi 1955: 28. (**hb**) Beaver & Loyttyneimi 1955b: 124; Loyttyneimi, Beaver, & Loyttyneimi 1955: 28. (**ds**) Beaver & Loyttyneimi 1955b: 124; Schedl 1957d: 137, 1962h: 62, 1962k: 944, 1972f: 151, 1975a: 77.
- pseudoserratus Roberts** 1966b: 627. Holotype ♂: Nigeria; Akure; BMNH, London.
Distribution: Africa (Nigeria).
Hosts: *Cola gigantea*, *Oxy stigma manni*, *Pterocarpus mildbracii*, *Sterculia rhinopetal*.
References: (**ds**) Browne 1960c: 45; Roberts 1965: 190; Schedl 1972f: 155. (**tx**) Roberts 1966b: 627; Schedl 1972f: 155.
- punctiventris Schedl** 1952i: 52. Holotype ♂: Congo Belge; Yangambi; MRCB, Tervuren.
Distribution: Africa (Cameroon/ Ghana/ Nigeria/ Sierra Leone/ Zaïre).
Hosts: Schedl 1962k: 550 (11 host species listed). *Alstonia congensis*, *Klainedoxa gabonensis*, *Scorodophloeus zenkeri*.
References: (**cc**) Schedl 1962k: 549. (**hb**) Schedl 1962k: 549; Thompson, G. H. 1963: 42. (**ds**) Mayne & Donis 1960: 96, 1962: 274; Roberts 1965: 190, 1969b: 113; Schedl 1962h: 62, 1962k: 549, 1964f: 619, 1964j: 43, 1965e: 359, 1972f: 158; Thompson, G. H. 1963: 42. (**tx**) Numberg 1966a: 187; Schedl 1952i: 52, 1954e: 57, 1962k: 549, 1972f: 158, 1975a: 59.
- pygmaeolus Schedl** 1957d: 137. Holotype ♂: Congo Belge; Yangambi; MRCB, Tervuren.
Distribution: Africa (Zaïre).
Hosts: *Combretum oblongum*, *Jubbermaridia secreti*.
References: (**ds**) Schedl 1962k: 937, 1972f: 150. (**tx**) Schedl 1957d: 137, 1962k: 937, 1966a: 187, 1972f: 150, 1975a: 59.
- rapax (Sampson)** 1924c: 127. Holotype ♂: S. Rhodesia; BMNH, London.
Distribution: Africa (Angola/ Cameroon/ Ghana/ Ivory Coast/ Kenya/ Nigeria/ Ruanda/ Sierra Leone/ Uganda/ Zaïre/ Zimbabwe).
Hosts: Schedl 1962k: 909–911 (56 host species listed).
Notes: (3) Schedl 1952i: 27 (described female), 1972f: 148 (treated as a subspecies of *brevis*).
References: (**bv**) Loyttyneimi, Beaver, & Loyttyneimi 1955: 28. (**cc**) Jover 1952: 73–81; Schedl 1962k: 907–912, 1972c: 69. (**hb**) Beaver & Loyttyneimi 1955b: 121; Jover 1952: 73–81; Loyttyneimi, Beaver, & Loyttyneimi 1955: 28. (**ds**) Beaver & Loyttyneimi 1955b: 121; Caehan 1957: 6, 15; Cola 1971; Gardner 1957a: 29; Mayne & Donis 1960: 96–97, 1962: 267; Numberg 1966a: 187; Roberts 1965: 191; Schedl 1937d: 37, 1935d: 451; Thompson, G. H. 1960. (**tx**) Browne 1972c: 123; Mayne & Donis 1960: 96, 1962: 274; Numberg 1966a: 187; Sampson 1924c: 127–128;

- Schedl 1937d: 37, 1941d: 381, 1950d: 5, 1951f: 40, 1952i: 27–31, 1952j: 6–7, 1954d: 573, 1957d: 123, 142–143; 1962k: 907, 1972f: 148, 1978a: 61. *perbrevis brevisculus* Schedl 1952i: 31. Holotype ♂; Congo Belge; Yangambi; Schedl Collection in NHMW, Wien. Synonymy: Browne 1972c: 123.
- Notes: (3) Schedl 1972f: 147 (treated as a subspecies of *brevis*).
- References: (hb) Thompson, G. H. 1963: 42. (ds) Ferreira 1965: 1131; Mayne & Donis 1960: 96, 1962: 274; Thompson, G. H. 1963: 42. (tx) Browne 1972c: 123; Schedl 1952i: 31, 1954e: 56–69, 1957d: 142–143, 1959p: 22, 1962k: 905, 1972f: 147, 1978a: 53.
- brevis interstitialis* Schedl 1957d: 143. Syntype ♂; Congo Belge, Camp Putnam [Schedl 1978a: 17]; Schedl Collection in NHMW, Wien. Synonymy: Browne 1972c: 123.
- Notes: (1) Schedl 1978a: 17 (citation of holotype invalid).
- References: (ec) Schedl 1962k: 912. (hb) Schedl 1962k: 912. (ds) Mayne & Donis 1962: 267; Roberts 1968: 191; Schedl 1962k: 912, 1972f: 147. (tx) Browne 1972c: 123; Schedl 1957d: 143, 1962k: 912, 1972f: 147, 1978a: 17.
- regularis** Schedl 1941d: 406. Holotype ♂; Isle Principe, Rochefort, Henriques; Schedl Collection in NHMW, Wien.
- Distribution: Africa (Principe Island in Gulf of Guinea).
- References: (ds) Schedl 1972f: 155. (tx) Numberg 1966a: 186; Schedl 1936e: 51, 1941d: 406, 1962k: 794, 1972f: 155, 1978a: 62.
- retusus** Schedl 1957d: 131. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.
- Distribution: Africa (Angola/ Equatorial Guinea/ Ghana/ Nigeria/ Ruanda/ Sierra Leone/ Zaïre).
- Hosts: *Burteria nigriflora*, *Bussa occidentalis*, *Celtis adolphofrederici*, *Chrysophyllum* sp., *Combretodendron africanum*, *C. macrophyllum*, *Macaranga* sp., *Maesopsis eminii*, *Oxyptigma oxyphyllum*, *Paramacrolobium coeruleum*.
- References: (ec) Schedl 1962k: 795. (hb) Browne 1963a: 261; Schedl 1962k: 795. (ds) Browne 1962d: 93, 1963a: 261; Ferreira 1965: 1132; Mayne & Donis 1962: 275; Roberts 1968: 190, 1969b: 113; Schedl 1959p: 23, 1962h: 62, 1962k: 795, 1965e: 359, 1971g: 195, 1972e: 285, 1972f: 155. (tx) Numberg 1966a: 186; Schedl 1957d: 131, 1962k: 795, 1118, 1972f: 155, 1978a: 62.
- rhodesianus** (Schedl) 1937c: 14 (*Crossotarsus*). Syntypes ♀; Rhodesia; Salisbury; BMNH, London.
- Distribution: Africa (Cameroon/ Fernando Po Island/ Ghana/ Nigeria/ Tanzania/ Uganda/ Zaïre/ Zambia).
- Hosts: Schedl 1962k: 941–942 (20 host species listed).
- Notes: (1) Schedl 1978a: 62 (type restricted to BMNH specimens). (3) Schedl 1972f: 151 (treated as a subspecies of the junior name *ukerevccensis*), Beaver et al. 1985: 125 (corrected name priority). References: (ds) Gardner 1957: 29. (tx) Schedl 1937c: 14–15, 1957b: 158, 1962k: 945, 1972f: 151, 1978a: 62.
- ukerevccensis* Schedl 1939g: 168 (*Crossotarsus*). Syntypes ♂ ♀; Insel Ukerewe [Uganda] [Schedl 1978a: 77]; Conrad Collection, and Schedl Collection in NHMW, Wien. Synonymy: Beaver & Loytyniemi 1955: 124.
- Notes: (1) Schedl 1978a: 77 (citation of holotype invalid).
- References: (ec) Schedl 1962k: 940. (hb) Browne 1963a: 263; Schedl 1962k: 940. (ds) Browne 1963a: 263; Gardner 1957a; Mayne & Donis 1960: 98, 1962: 277; Schedl 1962k: 940, 1971g: 195, 1972f: 151. (tx) Numberg 1966a: 187; Schedl 1939g: 168–169, 1957b: 152, 158, 1957d: 137, 1962k: 940, 1118, 1972f: 151, 1978a: 77.
- exasperatus* Roberts 1966a: 624. Holotype ♂; Nigeria; Awi; BMNH, London.
- Notes: (1) The status of this name is questionable; Schedl 1972f: 151 treated it as a synonym of *ukerevccensis* subspecies *proximus*; Beaver et al. 1985: 125 treated it as a good species.
- References: (ds) Roberts 1968: 191. (tx) Roberts 1966a: 624; Schedl 1972f: 151.
- robustus** Browne 1972c: 113. Holotype ♂; Congo-Kinshasa; Yangambi; MRCB, Tervuren.
- Distribution: Africa (Zaïre).
- References: (tx) Browne 1972c: 112–113.
- santiriae** Roberts 1970a: 68. Holotype ♂; Nigeria; Ngel Nyaki, Mambilla Plateau, 1500 m; MRCB, Tervuren.
- Distribution: Africa (Nigeria).
- Hosts: *Santiria trinera*.
- References: (tx) Roberts 1970a: 68.
- schoutedeni** (Sampson) 1924c: 123 (*Crossotarsus*). Holotype ♂; Belgian Congo; Elisabethville (Miss. Agric.); MRCB, Tervuren.
- Distribution: Africa (Angola/ Zaïre/ Zambia).
- Notes: (1) Schedl 1972: 150 (to *Doliopygus*).
- References: (bv) Loytyniemi, Beaver, & Loytyniemi 1955: 28. (hb) Loytyniemi, Beaver, & Loytyniemi 1955: 28. (ds) Beaver & Loytyniemi 1955b: 124; Ferreira 1965: 1133; Schedl 1959p: 23, 1962k: 938, 1972f: 150. (tx) Numberg 1966a: 187; Powell, W. 1987: 27; Sampson 1924c: 123–124; Schedl 1937b: 406, 1941d: 407, 1953g: 244, 1957d: 136, 1962k: 938, 1972f: 150.
- semipilosus** (Schedl) 1936b: 133 (*Crossotarsus*). Holotype ♀; Kongo; Schedl Collection in NHMW, Wien.
- Distribution: Africa (Zaïre).
- Hosts: *Combretodendron africanum*, *C. macrophyllum*, *Pterocarpus soyauxii*, *Stroumbosia glaucescens*, *Tridesmostemon claessensii*.

- Notes: (1) Schedl 1972f: 155 (to *Doliopygus*). (3) Schedl 1957d: 141 (described male).
References: (ds) Mayne & Donis 1962: 275; Schedl 1962k: 79S, 1966c: 232, 1972f: 155. (tx) Numberg 1966a: 186; Schedl 1936b: 133–134, 1957d: 141, 1962k: 79S, 1972f: 155, 1975a: 65.
- serratulus** Schedl 1953g: 246. Lectotype ♂: Congo Belge, Kasenyi, W. Darfur, N. Jebel Murra, Kurra, 5600 ft., and Senegal: Thies; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 65.
Distribution: Africa (Ghana/ Senegal/ Sudan/ Zaïre).
Notes: (3) Roberts 1971a: 285 (described female).
References: (ds) Schedl 1962k: 93S, 1968b: 145, 1972f: 155, 1975h: 351. (tx) Numberg 1966a: 186; Powell, W. 1957: 27; Roberts 1971a: 285; Schedl 1953g: 246, 1957d: 132, 1962k: 93S, 1972k: 93S, 1972f: 155, 1975a: 65.
- serratus** (Strohmeyer) 1911g: 226 (*Crossotarsus*).
Syntypes ♂ ♀: Kamerun and Kilimandjaro; Strohmeyer Collection, and MNB, Berlin.
Distribution: Africa (Angola/ Bechuanaland/ Cameroon/ Congo/ Dahomey/ Equatorial Guinea/ Fernando Po Island/ Gabon/ Ghana/ Guinea/ Ivory Coast/ Kenya/ Nigeria/ Sierra Leone/ Tanzania/ Togo/ Uganda/ Zaïre/ Zambia/ Zimbabwe).
Hosts: Schedl 1962k: 802–807 (118 host species listed).
Notes: (1) Schedl 1941d: 351 (to *Doliopygus*).
References: (ay) Entwistle 1963b; Francke-Grosmann 1956b: 275–308; Lhoste & Roche 1960; Strohmeyer 1918: 15, 21. (bv) Entwistle 1963b. (cn) Anonymous 1953j: 25; Browne 1965b: 248; Curry 1958b: 128–132; Mayne & Donis 1951: 335; Vrydagh 1947a: 9. (cc) Anonymous 1953j: 25; Francke-Grosmann 1956b; Jover 1952: 73–81; Mayne & Donis 1951: 335; Roberts 1960: 37–39, 1969b: 113; Schedl 1962k: 79S. (hb) Beaver & Loytyniemi 1985b: 128; Browne 1963a: 262, 1968b: 248; Entwistle 1963b; Jover 1952: 73–81; Schedl 1962k: 79S; Thompson, G. H. 1963: 43. (ds) Amaro & Gouveia 1957: 100, 130, 141; Beaver & Loytyniemi 1985b: 128; Browne 1962: 94, 1963a: 262, 1968b: 248, 1980b: 382; Cachan 1957: 5, 15, 43–53; Cola 1971; Ferreira 1965: 1133; Gardner 1957a: 29; Jones, Roberts, & Baker 1959: 13, 50; Mayne & Donis 1960: 9S, 1962: 275; Menier 1973a; Roberts 1960b: 37, 1960c, 1960f, 1968: 190; Schedl 1933f: 196, 1959p: 23, 1962h: 62, 1962k: 79S, 1964f: 619, 1964j: 43, 1965c: 359, 1965g: 22, 1965h: 112, 1966c: 232, 1967c: 221, 1971e: 2, 1971g: 195, 1972e: 285, 1972f: 156, 1975h: 351, 1979b: 417; Strohmeyer 1912c: 7, 1914c: 34; Thompson, G. H. 1963: 43; Vrydagh 1947a: 8; Webb & Jones 1957: 25–41. (tx) Numberg 1966a: 186; Sampson 1924c: 125; Schedl 1933f: 196, 1935g: 318–319, 1936b: 127–132, 1936c: 51, 1937b: 407, 1937d: 35, 1939b: 394, 1941d: 351, 406–407, 1941e: 153, 1950d: 4, 11, 14, 1950e: 212, 1951c: 39, 1951f: 40, 1952g: 54, 1952i: 27, 1953g: 244–245, 1954d: 873, 1954e: 48, 57, 1955d: 270, 1962k: 79S, 111S, 1972f: 156; Strohmeyer 1911g: 225–227, 1912c: 7, 1914c: 34.
- spatiosus** (Schedl) 1935g: 316 (*Crossotarsus*).
Lectotype ♂: Belgian Congo: 18 miles SW Elisabethville, Mozambique: Prov. de Gorongosa, Tendos da Sungoae et Riy Vundziati, N. Rhodesia: N'Changa, Tanganyika: Nord Rubeho; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 67.
Distribution: Africa (Bechuanaland/ Malawi/ Mozambique/ South Africa/ Tanzania/ Zaïre/ Zambia/ Zimbabwe).
Hosts: *Brachystegia* sp.
Notes: (1) Schedl 1972f: 156 (to *Doliopygus*).
References: (bv) Loytyniemi, Beaver, & Loytyniemi 1985: 28. (hb) Loytyniemi, Beaver, & Loytyniemi 1985: 28. (ds) Beaver & Loytyniemi 1985b: 129; Browne 1980c: 455; Lee 1971: 30; Schedl 1938d: 451, 1962k: 853, 1972f: 156. (tx) Numberg 1966a: 186; Powell, W. 1957: 27; Schedl 1935g: 316–318, 1936b: 126, 1937c: 15, 1941e: 154, 1962k: 853, 1972f: 156, 1975a: 67.
- spectabilis** Schedl 1952i: 44. Holotype ♂: Congo Belge: Yangambi; MRCB, Tervuren.
Figures: Schedl 1962k: 884.
Distribution: Africa (Zaïre).
Hosts: Schedl 1962k: 884–885 (11 host species listed).
References: (ds) Mayne & Donis 1960: 98, 1962: 276; Schedl 1962k: 884, 1972f: 162. (tx) Numberg 1966a: 186; Schedl 1952i: 44, 1962k: 884, 1972f: 162, 1975a: 67.
- spinideus** (Strohmeyer) 1911g: 225 (*Crossotarsus*).
Holotype ♂: Sankuru-Fluss [Zaïre]; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaïre).
Notes: (1) Schedl 1972f: 156 (to *Doliopygus*).
References: (ds) Schedl 1972f: 156; Strohmeyer 1912c: 7, 1914c: 34. (tx) Numberg 1966a: 186; Schedl 1962k: 809, 1972f: 156; Strohmeyer 1911g: 225–226, 1912c: 7, 1914c: 34.
- staueri** Schedl 1952i: 33. Holotype ♂: Congo Belge: Yangambi; MRCB, Tervuren.
Figures: Schedl 1962k: 810.
Distribution: Africa (Zaïre).
Hosts: *Canarium schweinfurthii*, *Entandrophragma* sp., *Gnarcia thompsonii*, *Tessmannia claessensi*.
References: (ds) Mayne & Donis 1960: 98, 1962: 277; Schedl 1962k: 810, 1972f: 156. (tx) Numberg 1966a: 186; Schedl 1952i: 33, 1962k: 810, 1972f: 156, 1975a: 68.
- strombosopsis** Schedl 1957d: 137. Holotype ♂: Congo Belge: Yangambi; MRCB, Tervuren.
Distribution: Africa (Zaïre).

- Hosts: *Strombosioopsis tetraura*.
References: (ds) Schedl 1962k: 939, 1967e: 221, 1972f: 151. (tx) Numberg 1966a: 194; Schedl 1957d: 137, 1962k: 939, 1972f: 151, 1975a: 69.
- subditicus (Schedl)** 1935g: 319 (*Crossotarsus*).
Syntypes ♂; Congo; A. Collart Collection, and Schedl Collection in NHMW, Wien.
Distribution: Africa (Angola/ Cameroon/ Central African Republic/ Ivory Coast/ Kenya/ Nigeria/ Zaïre).
Hosts: Schedl 1962k: 812–814 (28 host species listed).
Notes: (1) Schedl 1975a: 70 (citation of holotype invalid). (3) Schedl 1954d: 854 (described female).
References: (cc) Roberts 1969a; Schedl 1962k: 801. (hb) Gardner 1957c; Schedl 1962k: 811. (ds) Browne 1965a: 205, 1972c: 100; Ferreira 1965: 1133; Gardner 1957a: 29, 1957c: 292; Mayne & Donis 1960: 98, 1962: 277; Menier 1973a; Roberts 1968: 190, 1969b: 114; Schedl 1959p: 23, 1962k: 811, 1964f: 619, 1964j: 43, 1966c: 232, 1967e: 221, 1972f: 156, 1979b: 417. (tx) Numberg 1966a: 186; Schedl 1935g: 319, 1952i: 38, 1954d: 874, 885, 1954e: 84, 1957d: 131, 1962k: 811, 1972f: 156, 1975a: 70.
- subdolosus Schedl** 1952i: 52. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.
Distribution: Africa (Zaïre).
Hosts: *Celtis brieuji*, *Ficus* sp., *Maba laurentii*, *Piptadenia africana*.
References: (ds) Mayne & Donis 1962: 277; Schedl 1962k: 851, 1972f: 158. (tx) Browne 1970: 581; Numberg 1966a: 187; Schedl 1952i: 52, 1962k: 851, 1972f: 158, 1975a: 70.
- submarginatus Schedl** 1962k: 873. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.
Distribution: Africa (Zaïre).
Hosts: *Hymenocardia nlmoides*, *Pentaclethra macrophylla*, *Scorodophloeus zenkeri*.
Notes: (1) This was originally named as a subspecies of *notatus*, but was needlessly redescribed as a homonymous new species with a different holotype when it was raised to specific rank (Schedl 1971e: 16).
References: (ds) Schedl 1972f: 160. (tx) Schedl 1962k: 873, 1972f: 160, 1975a: 48.
- submarginatus Schedl** 1971e: 16. Holotype ♂; Ehemaliger Congo Belge, Yangambi; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1962.
References: (tx) Schedl 1971e: 16.
- subnotatus Schedl** 1950d: 35. Holotype ♀; Kamerun; Schedl Collection in NHMW, Wien.
Distribution: Africa (Cameroon).
Notes: (3) Schedl 1972f: 148 (treated as a subspecies of *brevis*).
References: (tx) Numberg 1966a: 187; Schedl 1950d: 35, 1952j: 6, 1957d: 142, 1962k: 907, 1972f: 148, 1975a: 70.
- subserratus Browne** 1950b: 359. Holotype ♂; Mtwaru (Tanzania) to Nagoya (Japan), imported; BMNH, London.
Distribution: Africa (Tanzania).
Hosts: *Pterocarpus angolensis*.
References: (tx) Browne 1950b: 359.
- tenuis (Strohmeyer)** 1912f: 86 (*Crossotarsus*).
Holotype ♂; Mkuluni-Berg (Deutsch-Ostafrika); Hamburg Museum, lost, and IPKE, Eberswalde.
Distribution: Africa (Cameroon/ Congo/ Dahomey/ Equatorial Guinea/ Ghana/ Guinea/ Ivory Coast/ Nigeria/ Sierra Leone/ Tanzania/ Uganda/ Zaïre).
Hosts: Schedl 1962k: 819–823 (66 host species listed).
Notes: (1) Schedl 1972f: 156 (to *Doliopygus*).
References: (ay) Menier 1976: 348. (bv) Menier 1976: 348. (cc) Schedl 1962k: 818. (hb) Anonymous 1959i: 18; Browne 1963a: 263; Schedl 1962k: 818; Strohmeyer 1911a: 182. (ds) Browne 1963a: 263; Cola 1973; Jones, Roberts, & Baker 1959: 13–53; Mayne & Donis 1951: 335–336, 1960: 277, 1962: 277; Menier 1973a; Roberts 1960b: 35, 1960e, 1960f: 39, 1968: 190, 1969b: 114; Schedl 1933f: 198, 1962h: 62, 1962k: 818, 1964f: 619, 1966c: 233, 1967e: 222, 1969a: 203, 1971g: 195, 1972f: 156, 1975h: 351; Spahr 1981: 79; Strohmeyer 1911a: 182, 1912c: 7, 1914c: 34. (tx) Numberg 1966a: 186; Sampson 1924c: 126; Schedl 1933f: 197–198, 1939a: 468–469, 1941d: 381, 1941e: 154, 1950d: 4, 14, 1953g: 245, 1954d: 874, 1955d: 270, 1957d: 130–131, 1962k: 818, 1965c: 52, 1972f: 156, 1975a: 70, 72; Strohmeyer 1911a: 182, 1912c: 7, 1912f: 86, 1914c: 34.
- terebrans Schedl** 1964j: 48. Holotype ♂; Nigeria; Kano; BMNH, London.
Distribution: Africa (Angola/ Ghana/ Nigeria/ Senegal/ Sierra Leone/ Uganda/ Zaïre).
Hosts: *Acacia dudgeoni*, *Daniellia oliveri*, *Monotes kerstingii*.
References: (cc) Roberts 1969a. (hb) Browne 1963a: 263. (ds) Browne 1963a: 263; Roberts 1968: 192; Schedl 1962k: 939, 1972f: 160. (tx) Numberg 1966a: 186; Schedl 1962k: 939, 1964j: 48, 1972f: 160, 1975a: 73.
- togatus (Schedl)** 1937c: 15 (*Crossotarsus*). Lectotype ♀; Rhodesia; Salisbury; Schedl Collection in NHMW, Wien, designated by Schedl 1975a: 74.
Distribution: Africa (Zambia/ Zimbabwe).
Notes: (1) Schedl 1972f: 148 (to *Doliopygus*). (3) Schedl 1972f: 148 (treated as a subspecies of *brevis*). Beaver & Loytyniemi 1955b: 122 (described male).
References: (bv) Loytyniemi, Beaver, & Loytyniemi 1955: 28. (hb) Loytyniemi, Beaver, & Loytyniemi 1955: 28. (ds) Beaver & Loytyniemi 1955b: 122. (tx) Schedl 1937c: 15, 1950d: 35, 1952j: 6, 1957d: 142, 1962k: 907, 1972f: 48, 1975a: 74.
- trichiliae Schedl** 1957d: 132. Holotype ♂; Congo Belge; Yangambi; MRCB, Tervuren.

- Distribution: Africa (Zaire).
Hosts: *Trichilia rubescens*.
References: (cc) Schedl 1962k: 9-10. (hb) Schedl 1962k: 9-10. (ds) Schedl 1962k: 9-10, 1972f: 156. (tx) Numberg 1966a: 156; Schedl 1957d: 132, 1962k: 9-10, 1972f: 156, 1978a: 74.
- tridens Roberts** 1970a: 69. Holotype ♂: Nigeria: Idanre Forest Reserve; MRCB, Tervuren.
Distribution: Africa (Nigeria).
References: (tx) Roberts 1970a: 69.
- ugandae Schedl** 1956a: 35. Holotype ♂: Uganda: Kampala, Mulange Mabira Forest, 4000 ft.; Schedl Collection in NHMW, Wien.
Distribution: Africa (Uganda).
References: (ds) Schedl 1972f: 162. (tx) Numberg 1966a: 156; Schedl 1956a: 32-35, 1962k: 855, 1972f: 162, 1978a: 76.
- umcinatus Schedl** 1953g: 247. Lectotype ♂: Congo Belge; Elisabethville; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 77.
Distribution: Africa (Angola/ Tanzania/ Zaire/ Zambia).
References: (bv) Loyttyneimi, Beaver, & Loyttyneimi 1955: 28. (hb) Loyttyneimi, Beaver, & Loyttyneimi 1955: 28. (ds) Beaver & Loyttyneimi 1955b: 129; Ferreira 1965: 1133; Schedl 1959p: 23, 1962h: 73, 1972f: 156. (tx) Numberg 1966a: 156; Schedl 1953g: 247, 1956a: 34, 1962k: 823, 1972f: 156, 1978a: 77.
- umicornis Schedl** 1952i: 48. Holotype ♂: Congo Belge; Yangambi; MRCB, Tervuren.
Distribution: Africa (Cameroon/ Congo/ Equatorial Guinea/ Ivory Coast/ Nigeria/ Zaire).
Hosts: Schedl 1962k: 893-895 (45 host species listed).
References: (cc) Schedl 1962k: 892. (hb) Schedl 1962k: 892. (ds) Browne 1954b: 287; Cola 1971: Mayne & Donis 1960: 98, 1962: 275; Roberts 1965: 191, 1969b: 115; Schedl 1962k: 892, 1964f: 619, 1966c: 233, 1967e: 222, 1972f: 162. (tx) Numberg 1966a: 156; Schedl 1952i: 48, 1954d: 874, 1957d: 130, 1962k: 892-895, 1119, 1972f: 162, 1978a: 77.
- unicus (Schedl)** 1935g: 319 (*Crossotarsus*). Syn-types ♂: Belgian Congo: Kasamvu; A. Collart Collection, and Schedl Collection in NHMW, Wien.
Distribution: Africa (Kenya/ Nigeria/ Zaire).
Hosts: *Celtis* sp., *Croton* spp.
References: (ds) Gardner 1957a: 29; Roberts 1965: 190; Schedl 1962k: 851, 1972f: 158. (tx) Numberg 1966a: 157; Schedl 1935g: 319-320, 1962k: 851, 1972f: 158.
- vilis Schedl** 1962k: 1119. Holotype ♂: Kenya; Schedl Collection in NHMW, Wien.
Distribution: Africa (Kenya/ Nigeria/ Uganda).
Notes: (3) Roberts 1972: 72 (described female).
References: (ds) Browne 1953a: 556, 1954b: 287; Roberts 1965: 192, 1969b: 115; Schedl 1972f: 151. (tx) Roberts 1972: 72; Schedl 1962k: 1119, 1972f: 151, 1978a: 81.
- wittei Schedl** 1952g: 55. Lectotype ♂: Parc Nat. de l'Upemba, Kaswabilenga, 700 m; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 81.
Distribution: Africa (Zaire).
References: (ds) Schedl 1972f: 156. (tx) Schedl 1952g: 55, 1962k: 824, 1972f: 156, 1978a: 81.
- woltschei Schedl** 1957d: 138. Holotype ♂: Congo Belge; Yangambi; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: *Dialium corbisieri*, *Staudtia stiptata*, *Turraeanthus africana*.
References: (hb) Schedl 1962k: 945. (ds) Schedl 1962k: 945, 1972f: 151. (tx) Numberg 1966a: 157; Schedl 1957d: 138, 1962k: 945, 1972f: 151, 1978a: 81.
- zonatus Schedl** 1962k: 1120. Holotype ♂: Congo: Kivu; Schedl Collection in NHMW, Wien.
Distribution: Africa (Ghana/ Zaire).
References: (ds) Schedl 1972f: 155. (tx) Schedl 1962k: 1120, 1972f: 158, 1978a: 82.

Genus *Dendroplatypus* Browne

- DENDROPLATYPUS BROWNE** 1955: 363. Type-species: *Crossotarsus impar* Schedl, original designation.
References: (cn) Browne 1965b: 225. (hb) Browne 1961c: 213, 1968b: 228; Schedl 1972f: 138. (ds) Browne 1968b: 228; Schedl 1972f: 138. (tx) Browne 1955: 365, 1962e: 650, 655, 1972a: 180; Schedl 1972f: 138.
- impar (Schedl)** 1936d: 13 (*Crossotarsus*). Lectotype ♂: Malay Peninsula, Johore North; Klang, Lower Perak, Bt. Tunggal For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 36.
Figures: Schedl 1972f: 138 (male).
Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo, Sumatra).
Hosts: *Shorea leprosula*, *S. parvifolia*.
Notes: (1) Browne 1955: 365 (to *Dendroplatypus*).
References: (bv) Bletchly 1961: 15; Nemmann & Harris 1974: 136. (cn) Beeson 1961 (1941: 254); Browne 1935b, 1952; Browne & Foerander 1937. (hb) Browne 1936b: 13, 1961c: 213-216, 1965b. (ds) Beeson 1941 (1961: 254); Browne 1961c: 213, 1950a: 371; Browne & Foerander 1937; Schedl 1972f: 140. (tx) Browne 1936a: 120-127, 1936b: 3, 1950b: 649, 1955: 364-365, 372, 1972a: 180; Schedl 1936d: 13, 1939b: 391, 1972a: 180, 1972f: 138, 140, 1978a: 36.
- philippinensis (Blandford)** 1896l: 193 (*Platypus*). Holotype ♂; Philippine Is.; BMNH, London.
Figures: Schedl 1972f: 193 (male).
Distribution: Philippine Islands (Luzon, Mindanao).
Notes: (3) Schedl 1935b: 395 (described female).
References: (ds) Schedl 1966b: 97, 1972f: 204; Strohmeier 1912c: 19, 1914c: 29. (tx) Blandford 1896b: 193; Browne 1962e: 650; Nobuchi 1955: 329; Schedl 1935b: 395, 1939b: 398, 1952b: 366, 1972f: 204, 1978a: 55; Strohmeier 1911b: 17, 1912c: 19, 1914c: 29.

Hosts of Scolytidae and Platypodidae

The following host list includes only those host associations for Scolytidae that were in the computer in January 1992. Almost all associations for Platypodidae are included to August 1992. The user should also consult the hosts listed under beetle species in order to include the maximum number of host associations.

"*L. glauca*"

Hypothecinus parallelus (Hopkins).

"*Mudirira*"

Phrixosoma nigra (Eggers).

"*Nudarira*"

Hylesinopsis niger (Schedl).

Abies alba

Hylurgops glabratus (Zetterstedt), *Hylurgops palliatus* (Gyllenhal), *Pityophthorus cephalonicae* Pfeffer, *Pityophthorus pityographus* (Ratzeburg).

Abies amabilis

Cryphalus ruficollis Hopkins, *Dryocoetes confusus* Swaine, *Pityokteines lasiocarpi* (Swaine), *Pityokteines mystacinus* Wood, *Pseudohylesinus dispar dispar* Blackman, *Pseudohylesinus dispar pullatus* Blackman, *Pseudohylesinus granulatus* (LeConte), *Pseudohylesinus nobilis* Swaine, *Pseudohylesinus sericeus* (Mannerheim).

Abies balsamea

Cryphalus ruficollis Hopkins, *Crypturgus borealis* Swaine, *Pityokteines sparsus* (LeConte), *Pityophthorus angustus* Blackman, *Pityophthorus balsameus* Blackman, *Pityophthorus cariniceps* LeConte, *Pityophthorus opaculus* LeConte, *Pityophthorus puberulus* (LeConte), *Pityophthorus pulicarius* (Zimmermann).

Abies borisi-regis

Pityophthorus pityographus (Ratzeburg).

Abies bornmulleriana

Cryphalus asperatus (Gyllenhal), *Pityophthorus pityographus* (Ratzeburg).

Abies bracteata

Scolytus dentatus Bright.

Abies cephalonica

Cryphalus piccae (Ratzeburg), *Pityophthorus cephalonicae* Pfeffer, *Pityophthorus pityographus* (Ratzeburg), *Pityophthorus pubescens* (Marshall), *Platypus oxyurus* Dufour.

Abies concolor

Crypturgus borealis Swaine, *Dryocoetes confusus* Swaine, *Gnathotrichus denticulatus* Blackman, *Gnathotrichus retusus* (LeConte), *Gnathotrichus sulcatus* (LeConte), *Hylastes gracilis* LeConte, *Pityokteines elegans* Swaine, *Pityophthorus apachae* Bright, *Pityophthorus opaculus* LeConte, *Pityophthorus pseudotsugae* Swaine, *Pityophthorus solers* Blackman, *Platypus abietis* Wood, *Pseudohylesinus dispar dispar* Blackman, *Pseudohylesinus maculosus* Blackman, *Scolytus obelus* Wood, *Scolytus opacus* Blackman, *Scolytus praeceps* LeConte, *Scolytus robustus* Blackman, *Scolytus subscaber* LeConte, *Scolytus ventralis* LeConte.

Abies delavayi

Hylurgops ensulcatus Tsai & Hwang, *Phloeosinus abietis* Tsai & Yin.

Abies densa

Cryphalus strolmeyereri Stelbing.

Abies fabri

Ambrosiodmus rubricollis (Eichhoff), *Cryphalus redikorzevi* Berger, *Polygraphus major* Stelbing, *Poly-*

graphus zhangliancensis Tsai & Yin, *Xyleborus emarginatus* Eichhoff, *Xyleborus pfeili* (Ratzeburg), *Xylosandrus germanus* (Blandford).

Abies faxoniana

Cryphalus markauensis Tsai & Li, *Cryphalus pilosus* Tsai & Li, *Cryphalus sinuabietis* Tsai & Li.

Abies firma

Coccotrypes uorimasanus (Murayama), *Cryphalus jeholensis* Murayama, *Cryphalus piccae* (Ratzeburg), *Euallacca validus* (Eichhoff), *Platypus calamus* Blandford, *Platypus lewisi* Blandford, *Polygraphus oblongus* Blandford.

Abies fraseri

Cryphalus ruficollis Hopkins, *Pityophthorus dentifrons* Blackman, *Polygraphus rufipennis* (Kirby).

Abies grandis

Cryphalus pubescens Hopkins, *Cryphalus ruficollis* Hopkins, *Crypturgus borealis* Swaine, *Pityophthorus pseudotsugae* Swaine, *Pseudohylesinus dispar dispar* Blackman, *Pseudohylesinus dispar pullatus* Blackman, *Pseudohylesinus granulatus* (LeConte), *Pseudohylesinus sericeus* (Mannerheim), *Scolytus opacus* Blackman, *Scolytus subscaber* LeConte, *Scolytus ventralis* LeConte.

Abies guatemalensis

Pityophthorus mesembria Bright.

Abies holophylla

Cryphalus kurenzovi Stark, *Cryphalus laricis* Niisima, *Cryphalus piccae* (Ratzeburg), *Cryphalus redikorzevi* Berger, *Dryocoetes striatus* Eggers, *Hylurgops interstitialis* (Chapuis), *Pityophthorus abietinus* Wood, *Polygraphus abietis* Kurenzov.

Abies koreana

Ambrosiodmus rubricollis (Eichhoff), *Xyleborinus saxeseni* (Ratzeburg).

Abies lasiocarpa

Cryphalus ruficollis Hopkins, *Crypturgus borealis* Swaine, *Dryocoetes confusus* Swaine, *Dryocoetes sechelti* Swaine, *Hylastes subopacus* Blackman, *Phloeotribus lecontei* Schedl, *Pityokteines lasiocarpi* (Swaine), *Pityokteines minutus* (Swaine), *Pityophthorus absomis* Blackman, *Pityophthorus opaculus* LeConte, *Pityophthorus pseudotsugae* Swaine, *Pityophthorus solers* Blackman, *Pseudohylesinus granulatus* (LeConte), *Pseudohylesinus maculosus* Blackman, *Sciurus pubescens* Swaine, *Scolytus opacus* Blackman.

Abies magnifica

Cryphalus ruficollis Hopkins, *Gnathotrichus retusus* (LeConte), *Gnathotrichus sulcatus* (LeConte), *Pityokteines elegans* Swaine, *Pityophthorus pseudotsugae* Swaine, *Pityophthorus solers* Blackman, *Platypus wilsoni* Swaine, *Pseudohylesinus dispar dispar* Blackman, *Pseudohylesinus granulatus* (LeConte), *Scolytus subscaber* LeConte, *Scolytus ventralis* LeConte.

Abies mariesii

Cryphalus montanus Nobuchi, *Cryphalus piccae* (Ratzeburg), *Polygraphus oblongus* Blandford.

Abies nephrolepis

Cryphalus kurenzovi Stark, *Dryocoetes striatus* Eggers.

Hylastes plumbeus Blandford, *Pityogenes scirindensis* Murayama, *Polygraphus jeczocensis* Niisima, *Polygraphus miser* Blandford, *Polygraphus proximus* Blandford.

Abies nobilis

Dolargus pumilus (Mannerheim).

Abies nordmanniana

Hylurgops palliatus (Gyllenhal).

Abies numidica

Cryphalus numidicus Eichhoff, *Crypturgus numidicus* Ferrari, *Platypus oxyurus* Dufour.

Abies pectinata

Cryphalus asperatus (Gyllenhal), *Cryphalus piccae* (Ratzeburg), *Hylurgops palliatus* (Gyllenhal), *Ips amitinus* (Eichhoff), *Phloeotribus spinulosus* (Rey), *Pityogenes irkutensis* Eggers, *Pityokteines curvidens* (Germar), *Pityokteines spinulosus* (Reitter), *Pityokteines rorontzoui* (Jacobson), *Pityophthorus pityographus* (Ratzeburg), *Platypus oxyurus* Dufour.

Abies pindrow

Cryphalus strolmeyerii Stebbing, *Dryocoetes quadrisulcatus* Strohmeier, *Pityophthorus deodara* (Stebbing), *Scolytoplatypus siomio* Blandford.

Abies pinsapo

Crypturgus numidicus Ferrari, *Pityophthorus pinsapo* Pfeffer.

Abies procera

Pseudohylesinus dispar pullatus Blackman, *Pseudohylesinus granulatus* (LeConte), *Pseudohylesinus nobilis* Swaine, *Pseudohylesinus sciriceus* (Mannerheim), *Pseudohylesinus tsugae* Swaine.

Abies religiosa

Gnathotrichus sulcatus (LeConte), *Pityophthorus abiegnus* Wood, *Pityophthorus anthracinus* Bright, *Pityophthorus brighti* Wood, *Pityophthorus rudis* Blackman, *Pityophthorus solers* Blackman, *Pseudohylesinus magnus* Wood, *Pseudohylesinus variegatus* (Blandford), *Scolytus aztecus* Wood, *Scolytus hemosus* Wood, *Scolytus mundus* Wood.

Abies sachalinensis

Cryphalus laricis Niisima, *Cryphalus piccae* (Ratzeburg), *Cryphalus yamaguchii* Inouye & Nobuchi, *Dryocoetes striatus* Eggers, *Polygraphus gracilis* Niisima, *Polygraphus proximus* Blandford.

Abies sibirica

Carphoborus jurinskii Eggers, *Carphoborus rossicus* Semenov, *Carphoborus teplouchovi* Spessivtsev, *Polygraphus subopacus* Thomson.

Abies spp.

Cryphalus latus Eggers, *Cryphalus lepocrinus* Tsai & Li, *Cryphalus markangensis* Tsai & Li, *Cryphalus pilosus* Tsai & Li, *Cryphalus sinobietis* Tsai & Li, *Crypturgus cinereus* (Herbst), *Crypturgus hispidulus* Thomson, *Crypturgus pusillus* (Gyllenhal), *Dendroctonus micans* (Kugelann), *Dendroctonus valens* LeConte, *Dryocoetes affaber* (Mannerheim), *Dryocoetes autographus* (Ratzeburg), *Dryocoetes hectographus* Reitter, *Dryocoetes pini* Niisima, *Dryocoetes rugicollis* Eggers, *Gnathotrichus materiarius* (Fitch), *Hylastes ater* (Pavkull), *Hylastes nigrinus* (Mannerheim), *Hylurgops glabratus* (Zetterstedt), *Ips acuminatus* (Gyllenhal), *Ips cembrae* (Heer), *Pityogenes bidentatus* (Herbst), *Pityogenes chalcographus* (Linnæus), *Pityogenes quadrilens* (Hartig), *Pityophthorus jucundus* Blandford, *Pityophthorus micrographus* (Linnæus), *Pityophthorus speculum* Bright, *Polygraphus horvuthensis* Murayama, *Polygraphus japonicus* Nimbeg, *Polygraphus polygraphus* (Linnæus), *Polygraphus proximus* Blandford,

Scolytoplatypus daimio Blandford, *Scolytoplatypus shogun* Blandford, *Scolytoplatypus tycon* Blandford, *Trypodendron lineatum* (Olivier), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus aquilus* Blandford, *Xylechinus pilosus* (Ratzeburg).

Abies veitchii

Cryphalus sawadai Nobuchi & Takahashi, *Polygraphus fulvipennis* Niisima.

Abies webbiana

Cryphalus strolmeyerii Stebbing, *Crypturgus beesoni* Eggers, *Dryocoetes indicus* Stebbing, *Dryocoetes quadrisulcatus* Strohmeier, *Hylastes brunneus* Erichson, *Ips stebbingi* Strohmeier, *Pityophthorus deodara* (Stebbing), *Pityophthorus clatinus* Wood, *Polygraphus aterrimus* Strohmeier, *Polygraphus pini* Stebbing, *Scolytoplatypus raja* Blandford.

Abrus precatorius

Hypothenemus eruditus Westwood.

Abutilon mollissimum

Hypothenemus erudiae (Panzer), *Hypothenemus eruditus* Westwood.

Abutilon spp.

Xylosandrus compactus (Eichhoff).

Acacia auriculaeformis

Hypothenemus dimorphus (Schedl).

Acacia catechu

Eucallacca andamanensis (Blandford), *Hypothenemus acaciae* (Eggers), *Platypus solidus* Walker.

Acacia caveauia

Chramesus spinosus Brethes.

Acacia decurrens

Crossotarsus horni Schedl, *Crossotarsus squamulatus* Chapuis, *Doliopygus exaratus* (Sampson), *Glostatus acaciae* (Schedl), *Hypothenemus eruditus* Westwood, *Platypus carinifrons* Schedl, *Platypus solidus* Walker, *Platypus solutus* Schedl, *Scolytoplatypus nitidus* Eggers, *Scolytoplatypus raja* Blandford, *Xyleborus alluaudi* Schauffuss, *Xyleborus perforans* (Wollaston), *Xyleborus piccus* (Motschulsky), *Xyleborus principalis* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky), *Zygophloeus australis* Schedl.

Acacia dudgeoni

Doliopygus terbraeus Schedl, *Xyleborinus similans* (Eggers).

Acacia farnesiana

Hypothenemus brunneus (Hopkins), *Hypothenemus erudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus scriatus* (Eichhoff).

Acacia karroo

Xyleborinus aemulus (Wollaston).

Acacia koa

Crossotarsus exteruedentatus (Fairmaire), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus spinulosus* Blandford.

Acacia lahai

Doliopygus ghesquieri (Schedl), *Doliopygus lefevrei* Schedl, *Doliopygus opifex* (Sampson).

Acacia meluoxylon

Xyleborus affinis Eichhoff.

Acacia mollissima

Chaetastus montanus Schedl, *Scolytoplatypus eichelbaumi* Hagedorn, *Xyleborus atratus* Eichhoff, *Xyleborus clerodendrouae* Schedl.

Acacia nigra

Arapilus sparsepunctatus (Schedl), *Cnesinus dividuus* Schedl, *Cryptocarenum acaciae* Schedl.

Acacia pennata

Coccotrypes longior (Eggers), *Coccotrypes nubihus* (Blandford), *Eucallacea xanthopus* (Eichhoff), *Rhopalopschion acaciae* (Schedl), *Xyleborus ficus* Eggers, *Xyleborus piccus* (Motschulsky).

Acacia pennatula

Cnesinus adhusticus Wood, *Cnesinus setulosus* Blandford, *Hylocurus atkinsoni* Wood, *Hypothenemus setosus* (Eichhoff), *Microorthylus minimus* Schedl, *Pseudothysanoes contrarius* Wood.

Acacia podalyriaefolia

Xyleborinus mimosae (Schedl).

Acacia polyphylla

Xyleborus spinulosus Blandford.

Acacia raddiana

Hypothenemus matcui (Schedl).

Acacia sieberiana

Hypothenemus biscriatus (Eggers), *Rhopalopschion maculatus* (Schedl).

Acacia spp.

Acacis abundans Lea, *Ambrosiodinus aegir* (Eggers), *Ambrosiodinus albizzianus* (Schedl), *Ambrosiodinus camphorae* (Hagedorn), *Ambrosiodinus cichhoffi* (Schreiner), *Ambrosiodinus hagedorni* (Iglesias), *Ambrosiodinus obliquus* (LeConte), *Ambrosiodinus rubricollis* (Eichhoff), *Ambrosiodinus sakoae* (Schedl), *Chramesus acacicolens* Wood, *Chramesus disparilis* Wood, *Chramesus secus* Wood, *Chramesus strigatus* Wood, *Chramesus varius* Wood, *Cladoctonus eggersi* Wichmann, *Cladoctonus natalensis* Eggers, *Cnestus saturalis* (Eggers), *Corthylocurus mexicanus* (Schedl), *Corthylus collaris* Blandford, *Corthylus consimilis* Wood, *Corthylus flagellifer* Blandford, *Cryphalus sylvicola* (Perkins), *Doliopygus interruptus* (Sampson), *Doliopygus lefevri* Schedl, *Doliopygus subditivus* (Schedl), *Eucallacea fornicatus* (Eichhoff), *Glostatus acaciae* (Schedl), *Hadrodenius amorplus* (Eggers), *Hylesinopsis acacicolens* Wood, *Hylesinopsis striatus* (Schedl), *Hylocurus elegans* Eichhoff, *Hylocurus inaequalis* Wood, *Hylocurus scitulus* Wood, *Hypothenemus agnatus* (Eggers), *Hypothenemus camerunus* (Eggers), *Hypothenemus eruditus* Westwood, *Hypothenemus plumeriae* (Nordlinger), *Phloeotribus acaciae* (Lea), *Pityophthorus colvulus* Schedl, *Platypus furcatus* Blandford, *Platypus omutorius* (Lea), *Platypus solidus* Walker, *Premnobius cavipennis* Eichhoff, *Pseudothysanoes acacicolens* Wood, *Pseudothysanoes aquilus* (Wood), *Scolytoplastypus kituensis* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Thysanoes fimbriicornis* LeConte, *Thysanoes mexicanus* Wood, *Thysanoes texanus* Blackman, *Xyleborinus collarti* (Eggers), *Xyleborinus spinifer* (Eggers), *Xyloctonus striatus* Eggers, *Xylosandrus compactus* (Eichhoff).

Acacia xanthophloea

Cladoctonus amanicus Eggers, *Hypothenemus xanthophloea* (Schedl), *Lamirgus xanthophloea* Schedl, *Phloeococcus africanus* (Schedl).

Acalypha neptunica

Xyleborus scobinatus Hagedorn.

Acalypha spp.

Ambrosiodinus albizzianus (Schedl), *Hypothenemus adscitus* (Schedl), *Micracis exilis* Wood, *Xyleborus allnaudi* Schauffuss, *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

Acanthocephalus cadamba

Ficicis javanus (Eggers), *Platypus labrifrons* Schedl.

Acanthopanax ricinifolium

Ernoporus acanthopanaxi (Niisima).

Acanthopanax spinosum

Phlocosinus pulchellus Blandford.

Acanthopanax spp.

Scolytoplastypus nikado Blandford.

Acanthus pubescens

Xyleborus multispinatus Eggers.

Acer argutum

Taplorhytus mikuniyamaensis (Murayama).

Acer habinerve

Indocryphalus aceris (Niisima).

Acer caesium

Scolytoplastypus darjelingi Stebbing, *Scolytoplastypus siomio* Blandford.

Acer campbellii

Eucallacea velatus (Sampson), *Platypus darjelingensis* Schedl, *Platypus falcatus* Strohmeyer, *Platypus shalloungensis* Schedl, *Scolytoplastypus pubescens* Hagedorn.

Acer campestre

Lymanitor aceris (Lindemann), *Lymanitor corryi* (Perris).

Acer macrophyllum

Procryphalus utahensis Hopkins.

Acer mandshuricum

Indocryphalus aceris (Niisima).

Acer mayrii

Dryocoetes picipennis Eggers.

Acer mono

Crossotarsus niponicus Blandford, *Indocryphalus aceris* (Niisima), *Neopteleobius scutulatus* (Blandford), *Platypus severini* Blandford.

Acer palmatum

Crossotarsus niponicus Blandford, *Platypus modestus* Blandford, *Xyleborus atratus* Eichhoff, *Xyleborus praevius* Blandford.

Acer palmatum matsumurae

Crossotarsus niponicus Blandford.

Acer pictum

Dryocoetes aceris Krivolitskaya, *Hyorrhynchus lewisi* Blandford, *Indocryphalus aceris* (Niisima).

Acer platanoides

Lymanitor aceris (Lindemann), *Lymanitor corryi* (Perris).

Acer pseudoplatanus

Lymanitor aceris (Lindemann).

Acer pseudosieboldianum

Indocryphalus aceris (Niisima).

Acer rubrum

Corthylus columbianus Hopkins, *Hypothenemus dissimilis* (Zimmermann), *Hypothenemus interstitialis* (Hopkins), *Thysanoes fimbriicornis* LeConte, *Lymanitor decipiens* (LeConte), *Monarthrum fasciatum* (Say), *Monarthrum mali* (Fitch), *Trischidius atomus* (Hopkins), *Xyleborus ferrugineus* (Fabricius), *Xylosandrus zimmermanni* (Hopkins).

Acer rufinerve

Xyleborus aquilus Blandford, *Xyleborus scriatus* Blandford.

Acer saccharinum

Corthylus columbianus Hopkins, *Corthylus punctatissimus* (Zimmermann), *Lymanitor decipiens* (LeConte), *Pityophthorus lautus* Eichhoff.

Acer spp.

Amasa amputatus (Blandford), *Ambrosiodinus lewisi* (Blandford), *Ambrosiodinus tachygraphus* (Zimmer-

- manni). *Dryocoetes padii* Stark. *Dryocoetes ussuriensis* Eggers. *Eucallalcea validus* (Eichhoff). *Hylocurus torosus* Wood. *Lymantor decipiens* (LeConte). *Platypus koryoensis* (Murayama). *Scolytoplatypus daimio* Blandford. *Scolytoplatypus mikado* Blandford. *Scolytoplatypus shogun* Blandford. *Scolytoplatypus tyron* Blandford. *Scolytus belokanicus* Stark. *Scolytus koenigi* Schelys rev. *Scolytus laevis* Chapuis. *Taphrotyphlus lenkoranus* Reitter. *Trypodendron domesticum* (Linnaeus). *Trypodendron signatum* (Fabricius). *Xyleborinus saxeseni* (Ratzeburg). *Xyleborus maiche* (Stark). *Xyleborus obesus* LeConte. *Xyleborus orientalis* Eggers. *Xyleborus sayi* (Hopkins). *Xyleborus pelliculosus* Eichhoff. *Xyleborus pfeili* (Ratzeburg). *Xylosandrus compactus* (Eichhoff). *Xylosandrus germanus* (Blandford). *Xylosandrus mutilatus* (Blandford). *Xyloterinus politus* (Say).
- Acer tataricum**
Lymantor aceris (Linde-mann).
- Acer tegmentosum**
Indocryphalus aceris (Niisima).
- Acer turkestanicum**
Scolytus tadzhikistanicus Stark.
- Acer ukurudense**
Indocryphalus aceris (Niisima).
- Achras sapota**
Chaetophloeus insularis (Blackman). *Hypothenemus birmanus* (Eichhoff). *Hypothenemus crudiae* (Panzer). *Hypothenemus hirsutus* (Wood). *Hypothenemus seriatus* (Eichhoff). *Micracisella nanula* (LeConte). *Scolytominus pusillus* (Eggers). *Xyleborus fallax* Eichhoff. *Xyleborus perforans* (Wollaston).
- Acmena spp.**
Diapus bihinatus Schedl. *Diapus quinquespinatus* Chapuis. *Diapus robustus* Schedl.
- Aconitum stoerkianum**
Thamurgus petzi Reitter.
- Acridocarpus fraxinifolius**
Doliopygus excavatus (Sampson).
- Acridocarpus spp.**
Ambrosiodinus albizzianus (Schedl). *Ambrosiodinus ciechhoffi* (Schreiner). *Platypus madagascariensis* Chapuis.
- Acrocarpus fraxinifolius**
Ambrosiodinus ciechhoffi (Schreiner). *Doliopygus erichsonii* (Chapuis). *Leptoxyloborus sordicauda* (Motschulsky). *Platypus errans* (Sampson). *Platypus solidus* Walker. *Platypus solutus* Schedl. *Xyleborinus forcipatus* (Schedl). *Xyleborinus sharpae* (Hopkins). *Xyleborus affinis* Eichhoff. *Xyleborus sphenus* Sampson.
- Acrocarpus spp.**
Cyclorhaphidion crucifer (Hagedorn). *Doliopygus coclocephalus* (Schaufuss). *Leptoxyloborus concisus* (Blandford). *Prennobius capitatus* Eichhoff.
- Acrocomia sclerocarpa**
Hypothenemus seriatus (Eichhoff).
- Actinodaphne acuminata**
Xyleborus colvilius (Fabricius).
- Actinodaphne lancifolia**
Platypus calanus Blandford.
- Actinodaphne longifolia**
Phloccosinus kiusuensis Murayama. *Phloccosinus lewisi* Chapuis.
- Actinophora fragrans**
Coptodryas nuxax (Schedl). *Platypus bimucus* Blandford. *Platypus forficula* Chapuis. *Xyleborinus andrewesi* (Blandford). *Xylosandrus morigerus* (Blandford).
- Adenanthera microsperma**
Hypothenemus eruditus Westwood.
- Adenanthera parvina**
Arixyleborus suturalis (Eggers). *Eccoptopterus limbus* Sampson. *Hypothenemus birmanus* (Eichhoff). *Hypothenemus crudiae* (Panzer). *Hypothenemus eruditus* Westwood. *Xyleborus perforans* (Wollaston). *Xylosandrus ater* (Eggers). *Xylosandrus compactus* (Eichhoff). *Xylosandrus manicus* (Blandford). *Xylosandrus morigerus* (Blandford).
- Adenia cisampeloides**
Xylocleptes adeniae (Schedl).
- Adina cordifolia**
Crossotarsus externedentatus (Fairmaire). *Xyleborus perforans* (Wollaston). *Xyleborus similis* Ferrari.
- Adina rubescens**
Xyleborus javanus Eggers. *Xylosandrus crassiusculus* (Motschulsky).
- Adina rubrostipulata**
Platypus impressus (Strohmeyer). *Xyleborus alluandi* Schaufuss. *Xyleborus principalis* Eichhoff.
- Adina spp.**
Platypus solidus Walker. *Platypus suffocatus* Sampson.
- Adinandra dumosa**
Eucallalcea xanthopus (Eichhoff). *Xylosandrus crassiusculus* (Motschulsky).
- Adinobotrys atropurpureus**
Platypus lepidus Chapuis. *Xylosandrus crassiusculus* (Motschulsky).
- Aegle marmelos**
Xyleborinus andrewesi (Blandford). *Xyleborus adusticollis* (Motschulsky). *Xyleborus similis* Ferrari.
- Aerca sanguinolenta**
Xyleborus picus (Motschulsky).
- Aesculus pundauna**
Coccotrypes cyperi (Beeson). *Coccotrypes vulgaris* (Eggers). *Platypus secretus* Sampson.
- Aesculus spp.**
Hypothenemus eruditus Westwood. *Hypothenemus interstitialis* (Hopkins). *Scolytoplatypus tyron* Blandford. *Xyleborus dispar* (Fabricius).
- Aesculus turbinata**
Crossotarsus niponicus Blandford. *Indocryphalus dauieliensis* (Murayama). *Platypus calanus* Blandford. *Platypus lewisi* Blandford. *Platypus modestus* Blandford. *Platypus severini* Blandford. *Xyleborus seriatus* Blandford.
- Afromosia elata**
Chaetastus tuberculatus (Chapuis). *Cyrtogenius chlorophorae* (Schedl). *Doliopygus artespinatus* (Schedl). *Doliopygus couratti* (Schaufuss). *Doliopygus divaricus* (Schedl). *Doliopygus dubius* (Sampson). *Doliopygus lebrunii* Schedl. *Doliopygus medius* Schedl. *Doliopygus serratus* (Strohmeyer). *Doliopygus spectabilis* Schedl. *Doliopygus subditurus* (Schedl). *Doliopygus tenuis* (Strohmeyer). *Doliopygus unicornis* Schedl. *Hypothenemus eruditus* Westwood. *Platypus hintzi* Schaufuss. *Platypus solutus* Schedl. *Platypus spinulosus* (Strohmeyer). *Periommatius excisus* Strohmeyer. *Periommatius grandis* Schedl. *Trachyostus aterrimus* (Schaufuss). *Trachyostus schaufussi* (Strohmeyer). *Trachyostus schoutedeni* (Schedl). *Triozastus marshalli* (Sampson). *Xyleborus alluandi* Schaufuss. *Xyleborus ferrugineus* (Fabricius).
- Afrostyrax lepidophyllus**
Doliopygus erichsonii (Chapuis). *Doliopygus interjectus*

- Schedl, *Doliopygus rapax* (Sampson), *Eucallacca granosus* (Schedl), *Periommatius subrobustus* Schedl.
- Afzelia africana**
Doliopygus brevis (Strohmeyer), *Doliopygus opifex* (Sampson), *Doliopygus perbrevis* Schedl, *Pityophthorus congouus* Eggers, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer).
- Afzelia bakeri**
Platypus westwoodi Chapuis, *Xyleborus bidentatus* (Motschulsky), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.
- Afzelia bella**
Doliopygus conradti (Strohmeyer), *Doliopygus crichsonii* (Chapuis), *Doliopygus subditivus* (Schedl), *Hypothenemus marshalli* (Eggers), *Hypothenemus morigerus* (Schedl), *Platypus hintzi* Schaufuss, *Polygraphus afzeliac* Schedl, *Polygraphus carphoboroides* Eggers, *Xyleborus alluaudi* Schaufuss, *Xyleborus ustus* Schedl.
- Afzelia bijuga**
Cryphalus scabricollis Eichhoff, *Diapys pusillimus* Chapuis, *Erioporus dispar* (Schedl), *Platypus jansoni* Chapuis, *Xyleborus bidentatus* (Motschulsky).
- Afzelia bipindensis**
Doliopygus chapuisi (Duvivier), *Doliopygus dubius* (Sampson), *Doliopygus rapax* (Sampson), *Doliopygus temis* (Strohmeyer), *Platypus hintzi* Schaufuss, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus picus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).
- Afzelia cuanzenis**
Triazostus marshalli (Sampson).
- Afzelia palembanica**
Crossotarsus externedentatus (Fairmaire), *Crossotarsus fractus* Sampson, *Crossotarsus inermis* Schedl, *Crossotarsus schedli* Browne, *Crossotarsus squamulatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Diapys pusillimus* Chapuis, *Diapys quinquespinatus* Chapuis, *Eucallacca destruens* (Blandford), *Eucallacca fornicatus* (Eichhoff), *Hadrodemus globus* (Blandford), *Leptoxyleborus concisus* (Blandford), *Leptoxyleborus puer* (Eggers), *Platypus cupulatus* Chapuis, *Platypus curtus* Chapuis, *Platypus humifer* Schedl, *Platypus pseudocurtus* Schedl, *Platypus solidus* Walker, *Platypus westwoodi* Chapuis, *Xyleborus birmanus* Eggers, *Xyleborus emarginatus* Eichhoff, *Xyleborus fallax* Eichhoff, *Xyleborus latus* Eggers, *Xyleborus perforans* (Wollaston), *Xylosandrus morigerus* (Blandford).
- Afzelia spp.**
Cylindropalpus camerunus (Schedl), *Platypus selysi* Chapuis.
- Afzelia xylocarpa**
Platypus afzeliac Browne.
- Agatha citiensis**
Cyrtogenius fijianus (Schedl).
- Agathis alba**
Cyrtogenius perakensis (Schedl), *Diapys papuanus* Schedl, *Diapys pusillimus* Chapuis, *Diapys quinquespinatus* Chapuis, *Hypothenemus eruditus* Westwood, *Platypus cupulatus* Chapuis, *Platypus grummosus* Roberts & Morimoto, *Xyleborus multipunctulus* Browne.
- Agathis borneensis**
Xyleborus apertus Schedl, *Xyleborus eximius* Schedl.
- Agathis dammara**
Cyrtogenius perakensis (Schedl).
- Agathis palmerstonii**
Xyleborus perforans (Wollaston).
- Agathis spp.**
Platypus agathis Browne, *Xyleborus agathis* Browne, *Xyleborus bidentatus* (Motschulsky).
- Agathis citiensis**
Platypus citiensis Roberts.
- Agare sisalana**
Platypus cupulatus Chapuis, *Platypus pseudocupulatus* Schedl.
- Agare spp.**
Chramesus amectens (Wood), *Platypus cupulatus* Chapuis, *Platypus pseudocupulatus* Schedl, *Xyleborus perforans* (Wollaston).
- Aglaia spp.**
Crossotarsus auripilus Roberts, *Crossotarsus corrugatus* Roberts, *Crossotarsus inermis* Schedl, *Crossotarsus subopacus* Schedl, *Crossotarsus terminatus* Chapuis, *Platypus anguis* Browne, *Platypus subpromus* Schedl, *Xyleborus aglaiae* Browne.
- Ailanthus altissima**
Ambrosiodinus levisi (Blandford), *Hypothenemus eruditus* Westwood, *Xylosandrus discolor* (Blandford).
- Alatonia spathulata**
Acanthotomicus onerosus (Schedl).
- Albizzia adianthifolia**
Ambrosiodinus tropicus (Hagedorn), *Doliopygus chapuisi* (Duvivier), *Eccoopterus spinosus* (Olivier), *Premnobius cavipennis* Eichhoff, *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus similans* (Eggers), *Xyleborus subtuberculatus* Eggers.
- Albizzia caribaea**
Hypothenemus suspectus Wood.
- Albizzia chinensis**
Eucallacca xanthopus (Eichhoff), *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky).
- Albizzia coriaria**
Acanthotomicus sexdentatus (Eggers), *Doliopygus chapuisi* (Duvivier), *Platypus parallelus* (Fabricius).
- Albizzia falcata**
Ambrosiodinus wilderi (Beeson), *Crossotarsus wallacei* (Thomson), *Diapys pusillimus* Chapuis, *Eucallacca fornicatus* (Eichhoff), *Platypus binucus* Blandford, *Platypus cupulatus* Chapuis, *Platypus insularis* Strohmeyer, *Platypus insulindicus* Schedl, *Platypus subangustior* Schedl, *Platypus subsilivus* Schedl, *Xyleborus emarginatus* Eichhoff, *Xyleborus perforans* (Wollaston), *Xylosandrus morigerus* (Blandford).
- Albizzia ferruginea**
Doliopygus chapuisi (Duvivier), *Doliopygus exilis* (Chapuis), *Trachyostus aterrimus* (Schaufuss), *Triazostus bangluasi* (Schaufuss), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus subtuberculatus* Eggers, *Xyleborus volucus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).
- Albizzia glaberrima**
Chaetastus tuberculatus (Chapuis), *Cryphalus nigericus* Browne, *Doliopygus chapuisi* (Duvivier), *Doliopygus couradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus excavatus* (Sampson), *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus alluaudi* Schaufuss, *Xyleborus picus* (Motschulsky).
- Albizzia grandibracteata**
Doliopygus chapuisi (Duvivier), *Hypothenemus eruditus* Westwood, *Rhopalopselion congouum* (Schedl).

Albizzia gummifera

Acanthotomicus acuminatus (Schedl), *Acanthotomicus bicornis* (Schedl), *Ambrosiodinus albizzianus* (Schedl), *Ambrosiodinus bostrichoides* (Schedl), *Chaetastus montanus* Schedl, *Chaetastus tuberculatus* (Chapuis), *Coptoborus adjunctus* (Eggers), *Cylindropalpus pumilio* (Schedl), *Doliopygus artespinatus* (Schedl), *Doliopygus chapuisi* (Duvivier), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus exilis* (Chapuis), *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus punctiventris* Schedl, *Doliopygus serratus* (Strohmeyer), *Dryococtoides cristatus* (Fabricius), *Eccoptyterus spinosus* (Olivier), *Hylesinopsis seriatus* (Eggers), *Hypothecennus eruditus* Westwood, *Hypothecennus solitarius* (Schedl), *Perionnatus excisus* Strohmeyer, *Perionnatus grandis* Schedl, *Perionnatus longicollis* Chapuis, *Pityophthorus congonus* Eggers, *Pityophthorus kiuensis* Schedl, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Platypus schenklingi* (Strohmeyer), *Polygaphus coronatus* Eggers, *Prennobius corthyloides* Hagedorn, *Prennobius quadrispinosus* Schedl, *Rhopalopsclion suturalis* (Schedl), *Theoborus ricini* (Eggers), *Tiarophorus elongatus* Schreiner, *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborinus similans* (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus africanus* Eggers, *Xyleborus ambasiusculus* Eggers, *Xyleborus annectus* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus multispinatus* Eggers, *Xyleborus picus* (Motschulsky), *Xyleborus subtuberculatus* Eggers, *Xyleborus volutus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus cylindrotomicus* (Schedl).

Albizzia julibrissia

Xyleborus atratus Eichhoff, *Xyleborus volutus* (Fabricius).

Albizzia lebbek

Ambrosiodinus lantanae (Eggers), *Ambrosiodinus subnepotulus* (Eggers), *Arixyleborus malayensis* (Schedl), *Chaetastus tuberculatus* (Chapuis), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus squamulatus* Chapuis, *Eccoptyterus spinosus* (Olivier), *Hypothecennus eruditus* Westwood, *Xyleborinus andrewesi* (Blandford), *Xyleborus affinis* Eichhoff, *Xyleborus perforans* (Wollaston), *Xyleborus volutus* (Fabricius), *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky).

Albizzia lebbekioides

Hypothecennus brunneus (Hopkins), *Hypothecennus eruditus* Westwood.

Albizzia lucida

Platypus curvus Strohmeyer, *Xyleborus perforans* (Wollaston).

Albizzia macrocarpa

Pseudotlysanoes murilloi (Blackman).

Albizzia maranguensis

Doliopygus nitens Brownie.

Albizzia moluccana

Coptodryas elegans (Sampson), *Eucallacea bicolor* (Blandford), *Eucallacea fornicatus* (Eichhoff), *Platypus insulidicus* Schedl, *Platypus subangustior* Schedl, *Platypus subsimilis* Schedl, *Xyleborus haberkorni* Eggers, *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky).

Albizzia odoratissima

Eucallacea fornicatus (Eichhoff), *Xyleborus perforans* (Wollaston).

Albizzia procera

Crossotarsus fractus Sampson, *Xylosandrus morigerus* (Blandford).

Albizzia sekibalaruguma

Cyclorhipidion sulcipenne (Eggers).

***Albizzia* spp.**

Ambrosiodinus eichhoffi (Schreiner), *Ambrosiodinus factus* (Schedl), *Ambrosiodinus obliquus* (LeConte), *Ambrosiodinus tropicus* (Hagedorn), *Cnestus magnus* Sampson, *Cyclorhipidion crucifer* (Hagedorn), *Cyclorhipidion erucipenne* (Schedl), *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus excavatus* (Sampson), *Doliopygus ghesquieri* (Schedl), *Doliopygus lebrunii* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus megaloma* Schedl, *Doliopygus propinquus* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Eucallacea xanthopus* (Eichhoff), *Hylesinopsis seriatus* (Eggers), *Hypothecennus biseriatus* (Eggers), *Hypothecennus cancrinus* (Eggers), *Leptoxyleborus concisus* (Blandford), *Perionnatus excisus* Strohmeyer, *Perionnatus grandis* Schedl, *Platypus binucus* Blandford, *Platypus curvus* Strohmeyer, *Platypus geminatus* Chapuis, *Platypus hintzi* Schaufuss, *Platypus insularis* Strohmeyer, *Platypus jansoni* Chapuis, *Platypus lunifer* Schedl, *Platypus orientalis* (Strohmeyer), *Platypus parallelus* (Fabricius), *Platypus secretus* Sampson, *Platypus solidus* Walker, *Platypus uncinatus* Blandford, *Prennobius ambitiosus* (Schaufuss), *Prennobius caripensis* Eichhoff, *Prennobius sexspinosus* Eggers, *Rhopalopsclion rufus* (Schedl), *Scolytoplattypus armatus* Eggers, *Scolytoplattypus eichelbaumi* Hagedorn, *Trachyostus fecundus* (Sampson), *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborinus andrewesi* (Blandford), *Xyleborinus hercuc* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus clerodendronae* Schedl, *Xyleborus insignis* Brownie, *Xyleborus sphenos* Sampson, *Xyleborus spinulosus* Blandford, *Xyleborus volutus* (Fabricius), *Xylosandrus compactus* (Eichhoff), *Xylosandrus discolor* (Blandford), *Xylosandrus morigerus* (Blandford), *Xylosandrus mutilatus* (Blandford).

Albizzia stipulata

Coptodryas recidens (Sampson), *Cryphalus scabricollis* Eichhoff, *Platypus lepidus* Chapuis, *Xyleborinus andrewesi* (Blandford), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky).

Albizzia sumatrana

Crossotarsus javanus Beeson, *Eucallacea fornicatus* (Eichhoff).

Albizzia tarneckeii

Doliopygus coelocephalus (Schaufuss), *Doliopygus exilis* (Chapuis).

Albizzia welwitschii

Doliopygus chapuisi (Duvivier), *Platypus hintzi* Schaufuss, *Xyleborus volutus* (Fabricius).

Albizzia zygia

Chaetastus tuberculatus (Chapuis), *Cyclorhipidion psaltes* (Schedl), *Doliopygus brevis* (Strohmeyer), *Doliopygus chapuisi* (Duvivier), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus excavatus* (Sampson), *Doliopygus exilis* (Chapuis), *Doliopygus*

- gracilior* Schedl, *Doliopygus opifex* (Sampson), *Doliopygus perbrevis* Schedl, *Doliopygus permittissimus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Ecoptopteris spinosus* (Olivier), *Periommatatus bispinus* Strohmeyer, *Periommatatus nikusi* Strohmeyer, *Periommatatus substriatus* Strohmeyer, *Platypus hüntzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Scolyto-platypus africanus* Eggers, *Trachyostus schaufussi* (Strohmeyer), *Triozastus banghaasi* (Schaufuss), *Triozastus elongatus* Schedl, *Xyleborinus sharpa* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus eichhoffianus* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus colvulus* (Fabricius), *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky).
- Alchornea cordifolia**
Cyclorhpidion agnaticeps (Schedl), *Xyleborus ruandae* Schedl.
- Alchornea coriacea**
Ambrosiodmus camphorae (Hagedorn), *Ambrosiodmus inominatus* (Schedl), *Xyleborinus signatipennis* (Schedl), *Xyleborus alluaudi* Schaufuss.
- Alchornea hirtella**
Doliopygus biclutatus (Strohmeyer), *Mimiocturus montanus* (Schedl), *Polygraphus tenuipennis* Schedl, *Premnobius mukonyae* (Schedl), *Xyleborinus similans* (Eggers), *Xyleborus comparabilis* Schedl, *Xyleborus tenellus* Schedl, *Xyleborus truncatulus* Schedl.
- Alchornea spp.**
Scolytoplatypus kivuensis Schedl, *Xyleborus bezanosano* Schedl.
- Aleurites fordii**
Eucallacea xanthopus (Eichhoff), *Hypothenemus seriatus* (Eichhoff).
- Aleurites moluccana**
Crossotarsus externodentatus (Fairmaire), *Platypus pseudocrepulatus* Schedl, *Platypus selysi* Chapuis, *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus rugatus* Blackburn, *Xyleborus whitteni* Beeson.
- Aleurites spp.**
Eucallacea fornicatus (Eichhoff), *Xylosandrus compactus* (Eichhoff).
- Alexa imperitrica**
Dryocoetoides cristatus (Fabricius), *Monarthrum dimidiatum* (Ferrari), *Monarthrum exornatum* (Schedl), *Monarthrum proximum* Wood, *Taurodemus flavipes* (Fabricius), *Xyleborinus intersctosus* (Blandford), *Xyleborus affinis* Eichhoff, *Xyleborus semipunctatus* Eggers.
- Alibertia edulis**
Premnobius cavipennis Eichhoff.
- Allanblackia floribunda**
Plurixosoma fuscicollis (Schedl), *Polygraphus longipilis* Schedl.
- Allanblackia parvifolia**
Doliopygus serratus (Strohmeyer), *Platypus hüntzi* Schaufuss, *Xyleborus affinis* Eichhoff.
- Allanblackia spp.**
Premnobius cavipennis Eichhoff.
- Allanblackia stuhlmannii**
Ctonoxylon flavescens Hagedorn.
- Allogogus brunneus**
Doliopygus galerus (Schedl).
- Allophyllus africanus**
Doliopygus jurioni Schedl, *Eucallacea granosus* (Schedl), *Premnobius nodulosus* Hagedorn.
- Allophyllus cobbe**
Eucallacea fornicatus (Eichhoff).
- Allophyllus kivuensis**
Eucallacea xanthopus (Eichhoff), *Platypus impressus* (Strohmeyer), *Platypus solutus* Schedl, *Scolytoplatypus armatus* Eggers, *Xyleborus piccus* (Motschulsky), *Xyleborus principalis* Eichhoff.
- Allophyllus macrocarpus**
Xyleborinus spiculatus (Schaufuss), *Xyleborinus spinosus* (Schaufuss), *Xyleborus alluaudi* Schaufuss.
- Alluaudia pourri**
Xyleborus pourriensis Schedl.
- Alluaudia procera**
Xyleborus submolestus Schedl.
- Abiophyllum fortunei**
Xyleborus atratus Eichhoff.
- Alnus acuminata**
Platypus coronatus Schedl, *Scolytodes abii* Wood.
- Alnus crispa**
Trypophloeus striatulus (Mammerheim).
- Alnus firma**
Cryphalus kyotocensis Nobuchi.
- Alnus firmifolia**
Guathotriclaus abiiplagus Wood.
- Alnus fruticosa**
Abiiphagus abii (Niisima), *Dryocoetes ussuriensis* Eggers, *Eruioporius longus* (Eggers).
- Alnus glutinosa**
Dryocoetes abii (Georg), *Dryocoetes villosus* (Fabricius), *Taploromyclus abii* Pfeffer, *Trypodendron domesticum* (Linnaeus), *Trypophloeus abii* (Lindemann).
- Alnus hepaleusis**
Xyleborus lineatus Eggers.
- Alnus hirsuta**
Abiiphagus abii (Niisima), *Ambrosiodmus apicalis* (Blandford), *Ambrosiodmus hirsuta* (Eichhoff), *Platypus severini* Blandford, *Trypodendron niponicum* Blandford, *Trypodendron signatum* (Fabricius), *Xyleborus atratus* Eichhoff.
- Alnus incana**
Abiiphagus abii (Niisima), *Dryocoetes abii* (Georg), *Trypophloeus abii* (Lindemann).
- Alnus japonica**
Ambrosiodmus apicalis (Blandford), *Ambrosiodmus rubricollis* (Eichhoff), *Crossotarsus niponicus* Blandford, *Neopteleobius scutulatus* (Blandford), *Platypus severini* Blandford, *Xyleborinus saxsenii* (Ratzeburg), *Xyleborus atratus* Eichhoff, *Xyleborus sciryorensis* Murayama.
- Alnus kamtschatica**
Eruioporius longus (Eggers).
- Alnus maximortezii**
Eruioporius longus (Eggers).
- Alnus nepalensis**
Diapus quadrispinatus Chapuis, *Diapus quinquespinatus* Chapuis, *Platypus falcatus* Strohmeyer, *Scolytoplatypus darjeelingi* Stebbing, *Scolytoplatypus pubescens* Hagedorn.
- Alnus nitida**
Cryphalus fulmineus Wood, *Diapus aculeatus* Blandford, *Platypus falcatus* Strohmeyer, *Scolytoplatypus minimus* Hagedorn.
- Alnus rhombifolia**
Abiiphagus aspericollis (LeConte).
- Alnus rubra**
Abiiphagus aspericollis (LeConte).

Abnus rugosa*Trypophloeus striatulus* (Mannerheim).***Abnus sibirica****Ambrosiodinus apicalis* (Blandford), *Ambrosiodinus rubricollis* (Eichhoff), *Cryphalus furukawai* Murayama.***Abnus sinuata****Aluiphagus hirsutus* Schedl.***Abnus spp.***

Ambrosiodinus lewisi (Blandford), *Carphlorenus abii* (Bright), *Corthylus abbreviatus* Eichhoff, *Corthylus comatus* Blandford, *Corthylus concavus* Bright, *Corthylus diligens* Wood, *Corthylus villosus* Bright, *Cryphalus abii* Krivulitskaya, *Dryocoetes padi* Stark, *Guathotrichus rufus* (LeConte), *Gymnochilus abii* Wood, *Hyllocurus hirtellus* (LeConte), *Monarthrum bidentatum* Wood, *Monarthrum hoegei* (Blandford), *Monarthrum laterale* (Eichhoff), *Monarthrum umbrinum* (Blandford), *Pityophthorus abii* Blackman, *Pityophthorus albicollis* Wood, *Platypus otiosus* Schedl, *Platypus simulans* Schedl, *Scolytoplattypus daimio* Blandford, *Scolytoplattypus mikado* Blandford, *Scolytoplattypus tycon* Blandford, *Scolytus laevis* Chapuis, *Tessrocercus spinolae* Chapuis, *Trypodendron gainaensis* (Murayama), *Trypophloeus salicis* Hopkins, *Xyleborinus abii* (Nisima), *Xyleborus atratus* Eichhoff, *Xyleborus dispar* (Fabricius), *Xyleborus maiche* (Stark), *Xyleborus pfeili* (Ratzeburg), *Xyleborus seriatum* Blandford, *Xyleborus titubanter* Schedl, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus germanus* (Blandford), *Xyloterminus politus* (Say).

Abnus suaveolens*Trypophloeus rybinskii* Reitter.***Abnus tenuifolius****Aluiphagus aspericollis* (LeConte), *Aluiphagus hirsutus* Schedl.***Abnus tiliaefolia****Scolytoplattypus darjeelingi* Stelbing.***Abnus tinctoria glabra****Xyleborus atratus* Eichhoff.***Abnus viridis****Dryocoetes abii* (Georg), *Trypophloeus rybinskii* Reitter.***Aloe vera****Hypothenemus californicus* Hopkins, *Hypothenemus eruditus* (Panzer), *Hypothenemus eruditus* Westwood.***Alphitonia excelsa****Hypothenemus melasomus* (Lea).***Alphitonia petrici****Anasa truncatus* (Erichson), *Platypus queenslandi* Schedl, *Xyleborus similis* Ferrari.***Alphitonia spp.****Diaprus nebulosus* Roberts, *Hyledius nitidicollis* (Motschulsky).***Alphonsea ventricosa****Platypus curvus* Strohmeyer, *Platypus hybridus* Schedl, *Platypus indicus* Strohmeyer, *Platypus secretus* Sampson.***Alstonia angustifolia****Anasa versicolor* (Sampson).***Alstonia boonei****Ambrosiodinus aegir* (Eggers), *Chaetastus tuberculatus* (Chapuis), *Cyclophilipidion crucepene* (Schedl), *Doliopygus carapae* Schedl, *Doliopygus jurioni* Schedl, *Platypus hantzi* Schauffuss, *Triozastus marshalli* (Sampson), *Xyleborus consobrinus* Eggers.***Alstonia congensis****Chaetastus tuberculatus* (Chapuis), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus**erichsoni* (Chapuis), *Doliopygus lebruni* Schedl, *Doliopygus punctatus* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatius grandis* Schedl, *Platypus hantzi* Schauffuss, *Platypus solutus* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus colubus* (Fabricius).***Alstonia scholaris****Crossotarsus externocentatus* (Fairmaire), *Platypus advena* Schedl, *Platypus jansoni* Chapuis.***Alstonia spp.****Anasa versicolor* (Sampson), *Eccoptyopterus spinosus* (Olivier), *Euwallacea andamanensis* (Blandford), *Periommatius grandis* Schedl, *Platypus cupulatus* Chapuis, *Platypus usulindicus* Schedl, *Platypus pseudocupulatus* Schedl, *Trachyostus aterrimus* (Schauffuss), *Xyleborus minutus* Blandford, *Xylosandrus crassiusculus* (Motschulsky).***Althoffia spp.****Platypus jansoni* Chapuis, *Platypus solidus* Walker.***Altingia excelsa****Cnестus bicornis* (Eggers), *Diaprus pusillimus* Chapuis, *Xyleborus micronatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus morigerus* (Blandford).***Amelanchier ovalis****Scolytus amygdali* Guerin-Meneville.***Amelanchier spp.****Chaetophloeus laterodoxus* (Casey), *Pseudopityophthorus minutissimus* (Zimmermann), *Scolytus rugulosus* (Müller).***Amerimonon brownei****Cucumis strigicollis* LeConte.***Amherstia uobilis****Hypothenemus eruditus* Westwood.***Amoum spp.****Xylosandrus morigerus* (Blandford).***Amoora rohituika****Coccotrypes vulgaris* (Eggers), *Crossotarsus squamulatus* Chapuis, *Platypus curvus* Strohmeyer, *Platypus lepidus* Chapuis, *Xylosandrus difficilis* (Eggers).***Amoora spectabilis****Coccotrypes longior* (Eggers), *Platypus hamaticollis* Schedl.***Amoora spp.****Platypus acetabuliformis* Roberts, *Platypus hippocrepicus* Roberts, *Platypus hantzi* Motschulsky, *Xylosandrus crassiusculus* (Motschulsky).***Amoora icallichii****Coccotrypes cyperi* (Beeson), *Coccotrypes salakensis* (Schedl), *Ambrosiodinus lewisi* (Blandford), *Euwallacea wallacci* (Blandford), *Leptoxyleborus concisus* (Blandford), *Platypus curtatus* Sampson, *Scolytoplattypus pubescens* Hagedorn, *Xyleborinus subgranulatus* (Eggers), *Xyleborus shoreae* (Stelbing).***Amphimus ferrugineus****Acanthotomicus sexdentatus* (Eggers), *Doliopygus chapuisi* (Duvivier), *Doliopygus serratus* (Strohmeyer), *Platypus parallelus* (Fabricius), *Xyleborus colubus* (Fabricius).***Amphimus pterocarpoides****Doliopygus unicornis* Schedl, *Mesoplatypus venustus* Schedl.***Amygdalus communis****Scolytus amygdali* Guerin-Meneville.

- Amyris balsamifera**
Pseudotsyanoxes securigerus (Blackman).
- Anacardium excelsum**
Nyleborus volutus (Fabricius).
- Anacardium occidentale**
Crossotarsus minax (Walker), *Eccoptopterus spinosus* (Olivier), *Hypothenemus macrolabii* (Eggers), *Nyleborinus andrewesi* (Blandford), *Nyleborinus perexiguus* (Schedl), *Nyleborus perforans* (Wollaston), *Xylosandrus manicus* (Blandford).
- Anacardium spp.**
Nyleborinus andrewesi (Blandford), *Xylosandrus compactus* (Eichhoff).
- Anagyris foetida**
Liparthrum genistae (Aube).
- Audira jamaicensis**
Nyleborus ferrugineus (Fabricius).
- Audira spp.**
Xylosandrus compactus (Eichhoff).
- Audropogon spp.**
Hypothenemus pubescens Hopkins.
- Angophora costata**
Nyleborus perforans (Wollaston).
- Angylocalyx pynaertii**
Acanthotomicus angylocalyx (Schedl), *Chaetastus tuberculatus* (Chapuis), *Cylindropalpus laudatus* (Schedl), *Doliopygus artespiniatus* (Schedl), *Doliopygus citri* Schedl, *Doliopygus ghesquieri* (Schedl), *Doliopygus lebrunii* Schedl, *Doliopygus lecontei* Schedl, *Doliopygus medius* Schedl, *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus unicomis* Schedl, *Hypothenemus eruditus* Westwood, *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl, *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Nyleborinus pilosellus* (Schedl), *Nyleborus alluaudi* Schauffuss, *Nyleborus ferrugineus* (Fabricius), *Nyleborus volutus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).
- Aningeria altissima**
Cylindropalpus affinis Strohmeyer, *Periommatius grandis* Schedl, *Platypus nebulosus* Roberts.
- Aningeria robusta**
Chaetastus tuberculatus (Chapuis), *Cylindropalpus affinis* Strohmeyer, *Cylindropalpus granulatus* (Schedl), *Cylindropalpus pumilio* (Schedl), *Doliopygus coclocephalus* (Schauffuss).
- Aningeria spp.**
Trachyostus aterrimus (Schauffuss).
- Anisopappus spp.**
Hypothenemus grandis Schedl.
- Anisophyllea spp.**
Doliopygus bidentatus (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Platypus solutus* Schedl, *Nyleborus alluaudi* Schauffuss.
- Anisoptera cochinchinensis**
Platypus shoreanus (Beeson).
- Anisoptera curtisii**
Webbia pabo Sampson.
- Anisoptera polyandra**
Cyclorhpidion sulcinoides (Schedl), *Genyocerus puer* (Schedl), *Platypus shoreanus* (Beeson), *Platypus strenuus* Schedl.
- Anisoptera spp.**
Acanthotomicus emarginatus Browne, *Cyrtogenius anisopterae* (Browne), *Diapus nanus* Schedl, *Diapus pusillinus* Chapuis, *Genyocerus diaphanus* (Schedl), *Genyocerus papuanus* Roberts, *Genyocerus puer* (Schedl), *Platypus jansoni* Chapuis, *Platypus solidus* Walker, *Nyleborus bidentatus* (Motschulsky), *Nyleborus moluccanus* Browne.
- Ammonia cherimolia**
Arauptus sulcarzi (Blackman).
- Ammonia mucosa**
Coccotrypes rutschurauensis Eggers.
- Ammonia spp.**
Eucallacea xanthopus (Eichhoff), *Hypothenemus birmanus* (Eichhoff), *Hypothenemus brunneus* (Hopkins), *Hypothenemus eruditus* Westwood, *Hypothenemus gossypii* (Hopkins), *Nyleborus similis* Ferrari, *Xylosandrus compactus* (Eichhoff).
- Ammonia squamosa**
Coccotrypes carpophagus (Hornung), *Nyleborus perforans* (Wollaston).
- Anogeissus acuminata**
Ambrosiodinus lantanae (Eggers), *Coccotrypes nubilis* (Blandford), *Polygraphus anogeissi* Wood, *Sphaerotrypes coimbatorensis* Stebbing, *Nyleborus similis* Ferrari.
- Anogeissus latifolia**
Platypus solidus Walker, *Platypus uncinatus* Blandford, *Sphaerotrypes coimbatorensis* Stebbing, *Sphaerotrypes globulus* Blandford, *Nyleborus perforans* (Wollaston).
- Anogeissus spp.**
Ficicis despectus (Walker).
- Anonidium mamii**
Chaetastus tuberculatus (Chapuis), *Coccotrypes ghesquieri* Eggers, *Coccotrypes sparsepilosus* (Eggers), *Coccotrypes subovalis* Eggers, *Cylindropalpus laudatus* (Schedl), *Doliopygus chapuisi* (Duvivier), *Doliopygus citri* Schedl, *Doliopygus couradi* (Strohmeyer), *Doliopygus dicaricus* (Schedl), *Doliopygus donisi* Schedl, *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus lateralis* Schedl, *Doliopygus lebrunii* Schedl, *Doliopygus leferrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus megaloma* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicomis* Schedl, *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl, *Periommatius longicollis* Chapuis, *Periommatius subrobustus* Schedl, *Platypus hintzi* Schauffuss, *Platypus impressus* (Strohmeyer), *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Platypus picinus* Schedl, *Platypus schenklingi* (Strohmeyer), *Platypus solutus* Schedl, *Platypus spinulosus* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Triozastus marshalli* (Sampson), *Nyleborus affinis* Eichhoff, *Nyleborus alluaudi* Schauffuss, *Nyleborus ferrugineus* (Fabricius).
- Anopyxis klaireana**
Cylindropalpus pumilio (Schedl), *Nyleborus affinis* Eichhoff.
- Anopyxis spp.**
Hypothenemus eruditus Westwood.
- Anthocaryon spp.**
Prennobilus caripennis Eichhoff.
- Anthocephalus cadamba**
Dactylipalpus tharsenus Chapuis, *Eucallacea interjectus* (Blandford), *Platypus anthocephali* Schedl, *Platypus obliquetruncatus* Schedl, *Platypus secretus* Sampson, *Platypus solidus* Walker, *Platypus suffodiens* Sampson.

Anthocephalus spp.

Leptoxyleborus concisus (Blandford), *Platypus jansoni* Chapuis, *Platypus solidus* Walker, *Xyleborinus andrewesi* (Blandford).

Anthocheista nobilis

Chaetastus montanus Schedl, *Chaetastus subalpinus* (Schedl), *Chaetastus tuberculatus* (Chapuis), *Doliopygus chapuisi* (Duvivier), *Doliopygus dubius* (Sampson), *Doliopygus punctiventris* Schedl, *Hylesinopsis baphiae* (Schedl), *Periommatius grandis* Schedl, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Xyleborinus diversus* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus colvulus* (Fabricius).

Anthonota fragrans

Cylindropalpus auricomans (Schaufuss), *Platypus hintzi* Schaufuss, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus colvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Anthonota macrocarpa

Hypothenemus socialis (Schedl).

Anthonota macrophylla

Coptoborus usagarius (Eggers), *Coptoborus forficatus* (Schedl), *Cylindropalpus auricomans* (Schaufuss), *Cylindropalpus grandisus* (Schedl), *Cylindropalpus laudatus* (Schedl), *Doliopygus caesalpiniae* Roberts, *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Polygraphus kasukumbii* Schedl, *Premnobius longus* Eggers, *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus gracilipennis* (Schedl), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus amanicus* Hagedorn, *Xyleborus ferrugineus* (Fabricius), *Xyleborus ficus* Eggers, *Xyleborus subtuberculatus* Eggers, *Xyleborus colvulus* (Fabricius).

Anthonota micraster

Coptoborus usagarius (Eggers), *Premnobius longus* Eggers.

Anthonota spp.

Cylindropalpus camerunus (Schedl), *Platypus forcipatus* Schedl.

Anthurium spp.

Xylosandrus compactus (Eichhoff).

Antiaris africana

Chaetastus tuberculatus (Chapuis), *Doliopygus brevis* (Strohmeyer), *Doliopygus conradi* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus exilis* (Chapuis), *Doliopygus nairobiensis* (Schedl), *Doliopygus opifex* (Sampson), *Doliopygus perbrevis* Schedl, *Doliopygus punctiventris* Schedl, *Doliopygus tenuis* (Strohmeyer), *Dryococtoides cristatus* (Fabricius), *Periommatius excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Platypus spinulosus* (Strohmeyer), *Polygraphus coronatus* Eggers, *Trachyostus schaufussi* (Strohmeyer), *Triozastus banghaasi* (Schaufuss), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus pseudoambasius* Schedl, *Xyleborus colvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Antiaris spp.

Diamerus impar Chapuis, *Doliopygus interruptus* (Sampson), *Premnobius catipennis* Eichhoff, *Trachyostus aterrimus* (Schaufuss).

Antiaris toxicaria

Chaetastus tuberculatus (Chapuis), *Xyleborus emarginatus* Eichhoff.

Antiaris weleiitschii

Chaetastus tuberculatus (Chapuis), *Doliopygus conradi* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus ghesquieri* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus leferrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus spectabilis* Schedl, *Doliopygus tenuis* (Strohmeyer), *Doliopygus uicoruis* Schedl, *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus colvulus* (Fabricius).

Antidesma petiolare

Emcallacca xanthopus (Eichhoff).

Antidesma spp.

Crossotarsus nunezschii Chapuis, *Diapus turgidus* Roberts, *Xylosandrus compactus* (Eichhoff).

Autrocaryou micraster

Diapus quinquespinatus Chapuis, *Doliopygus bilobatus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus leferrei* Schedl, *Hypothenemus eruditus* Westwood, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Premnobius robustulus* (Schedl), *Xyleborus alluaudi* Schaufuss, *Xyleborus caudatus* Schedl, *Xyleborus ferrugineus* (Fabricius).

Autrocaryou namani

Xyleborus affinis Eichhoff, *Xylosandrus crassiusculus* (Motschulsky).

Aphanamixa rohutuka

Eccoptopterus limbus Sampson, *Hadrodemius comans* (Sampson), *Xyleborus perforatus* (Wollaston), *Xylosandrus mancus* (Blandford).

Aphananthe aspera

Eucallacca validus (Eichhoff).

Aphananthe sakalava

Platypus madagascariensis Chapuis.

Aphloia theaeformis

Mitosoma excisum Schaufuss.

Apoplanesia paniculata

Chaetophloeus minimus Wood.

Aporosa glohifera

Crossotarsus sita Beeson.

Aporosa spp.

Platypus utilis (Schedl).

Aptandra zenkeri

Doliopygus citri Schedl, *Theoborus ricini* (Eggers), *Xyleborus affinis* Eichhoff.

Apuleia forrea

Spermiophlohorus apuleiae Costa Lima.

Aralia decaimcana

Xyleborus atratus Eichhoff.

Aralidium pinnatifidum

Arixyleborus leprosulus Schedl, *Eccoptopterus spinosus* (Olivier).

Araucaria angustifolia

Cryptocarenum seriatus Eggers, *Pityophlohorus anticus* Schedl, *Platypus araucariae* Schedl, *Tesserocerus guerini* Chapuis, *Xyleborinus scutosus* (Eichhoff), *Xyleborus*

- adelographus* Eichhoff, *Nylechinosomus contractus* (Chapuis), *Nylechinosomus minimus* Schedl, *Nylechinosomus pilosus* Wood.
- Araucaria araucana**
Hylurgonotus antipodius (Eggers).
- Araucaria bidwillii**
Hylurdrectonus piniarius Schedl.
- Araucaria brasiliiana**
Arauptus araucariae (Schedl), *Nyleborus ferruginus* (Fabricius), *Nyleborus perforans* (Wollaston), *Nylechinosomus brasiliensis* (Schedl), *Nylechinosomus hirsutus* Schedl.
- Araucaria cunninghamii**
Coptodryas eucalyptica (Schedl), *Cryphalus araucariae* Schedl, *Cryptoxyleborus gracilior* Browne, *Diapinus nanus* Schedl, *Diapinus papuanus* Schedl, *Eucallacca barbatus* (Hagedorn), *Hyleops glabratus* Schedl, *Hylurdrectonus araucariae* Schedl, *Hylurdrectonus piniarius* Schedl, *Pachycotes araucariae* Schedl, *Pachycotes australis* Schedl, *Pachycotes clavatus* Schedl, *Pachycotes minor* Wood, *Platypus froggatti* Sampson, *Platypus jansoni* Chapuis, *Platypus opacideclivis* Schedl, *Platypus parallelus* (Fabricius), *Platypus queenslandi* Schedl, *Platypus solidus* Walker, *Platypus varipennis* Schedl, *Nyleborus affinis* Eichhoff, *Nyleborus graciosus* Schedl, *Nyleborus nitellus* Browne, *Nyleborus perforans* (Wollaston), *Nyleborus perplexus* Schedl, *Nyleborus similis* Ferrari, *Xylosandrus pseudosolidus* (Schedl).
- Araucaria heterophylla**
Pachycotes kuscheli Schedl.
- Araucaria huasteinii**
Chaetoptelius impar (Schedl), *Cryphalus brunneus* Browne, *Cryphalus cylindrus* Browne, *Cryphalus diversicolor* Browne, *Diapinus quinquespinatus* Chapuis, *Hylurdrectonus corticius* Wood, *Platypus jansoni* Chapuis, *Platypus praepositus* Schedl.
- Araucaria spp.**
Ambrosiodinus compressus (Lea), *Diapinus pusillimus* Chapuis, *Hylurgonotus armaticeps* Schedl, *Hylurgonotus solidus* (Schedl), *Hylurgonotus tuberculatus* (Eggers), *Pachycotes peregrinus* (Chapuis), *Pachycotes villosus* Schedl, *Nylechinosomus valdivianus* (Eggers), *Xylosandrus compactus* (Eichhoff).
- Araujia sericifera**
Arauptus araujiac Brethes.
- Arbutus arizonicus**
Liparthrum arizonicum Wood.
- Arbutus menziesii**
Hylcurus hirtellus (LeConte).
- Arbutus spp.**
Cuesinus elegans Blandford, *Cuesinus elegantis* Wood, *Corthylocurus mexicanus* (Schedl), *Corthylocurus detrimmentosus* Schedl, *Liparthrum arizonicum* Wood, *Micracisella nitidula* Wood, *Micracisella ovellata* Wood, *Pseudothy-sanoes arbuti* (Wood).
- Arbutus xalapensis**
Cuesinus setulosus Blandford.
- Arceuthobium globosum**
Pityophthorus arceuthobii Wood.
- Archontophoenix alexandrae**
Coccotrypes carpophagus (Hornung).
- Archontophoenix cunninghamiana**
Coccotrypes congonus Eggers.
- Ardisia paniculata**
Cuesinus strigicollis LeConte, *Hypothenemus birmanus* (Eichhoff), *Hypothenemus brunneus* (Hopkins), *Hypothenemus hirsutus* (Wood), *Hypothenemus squamosus* (Hopkins).
- Ardisia spp.**
Corthylocus micacirrus Wood, *Platypus crassicornis* Schedl, *Xylosandrus zimmermanni* (Hopkins).
- Areca catechu**
Coccotrypes carpophagus (Hornung), *Coccotrypes dactyliperda* (Fabricius), *Hypothenemus eruditus* Westwood, *Nyleborus perforans* (Wollaston).
- Arenga saccharifera**
Coccotrypes magnus Beeson.
- Arenga spp.**
Platypus pseudocupulatus Schedl, *Nyleborus affinis* Eichhoff.
- Argyrodendron peralatum**
Platypus australis Chapuis.
- Argyrodendron spp.**
Ambrosiodinus compressus (Lea), *Platypus semi-granosus* (Sampson), *Nyleborus similis* Ferrari.
- Argyrodendron trifoliolatum**
Nyleborus perforans (Wollaston).
- Argyrodendron trifoliolatum peralatum**
Nyleborus perforans (Wollaston).
- Aristolochia anguicida**
Pityophthorus nemoralis Wood.
- Armanica spp.**
Cryphalus malus Nisima.
- Artemisia argentea**
Liparthrum artemisiae Wollaston.
- Arthrophyllum diversifolium**
Coptodryas nuxag (Schedl), *Cryphalus simplex* (Schedl), *Eccoptopterus limbus* Sampson, *Eccoptopterus spinosus* (Olivier), *Eucallacca fornicatus* (Eichhoff), *Eucallacca xanthopus* (Eichhoff), *Platypus pseudocupulatus* Schedl, *Nyleborus perforans* (Wollaston), *Xylosandrus morigerus* (Blandford).
- Arthrosamanea altissima**
Doliopygus exilis (Chapuis), *Premnobius nodulosus* Hagedorn, *Nyleborus affinis* Eichhoff, *Nyleborus ambasi-usculus* Eggers.
- Artobotrys spp.**
Coccotrypes subotalis Eggers.
- Artocarpus altilis**
Cryphalus trypanooides Beeson.
- Artocarpus anisophylla**
Diamerus interstitialis (Lea).
- Artocarpus chaplasha**
Coccotrypes salakensis (Schedl), *Diapinus quinquespinatus* Chapuis, *Leptoxyleborus concisus* (Blandford), *Platypus verrucosus* (Beeson), *Nyleborus pumilus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).
- Artocarpus dadah**
Crossotarsus wallacci (Thomson), *Nyleborinus andreweesi* (Blandford), *Nyleborus haberkorni* Eggers, *Xylosandrus mancus* (Blandford).
- Artocarpus diversifolium**
Cryphalus artocarpus (Schedl).
- Artocarpus elastica**
Acanthotomicus artocarpi (Browne), *Coccotrypes cinnamomi* (Eggers), *Coccotrypes marginatus* (Browne), *Crossotarsus terminatus* Chapuis, *Cryphalus artocarpus* (Schedl), *Cryphalus tenuis* Schedl, *Cyclorhpidion polyodon* (Eggers), *Diapinus pusillimus* Chapuis, *Diapinus quinquespinatus* Chapuis, *Eccoptopterus gracilipes* (Eichhoff), *Eucallacca destruens* (Bland-

ford), *Hypothenemus artocarpi* Browne, *Leptoxyleborus concisus* (Blandford), *Platypus bajulus* Schedl, *Platypus bimicus* Blandford, *Platypus forficula* Chapuis, *Platypus jansonii* Chapuis, *Platypus pseudocupulatus* Schedl, *Xyleborus amphiceranoides* Hagedorn, *Xyleborus apertus* Schedl, *Xyleborus fallax* Eichhoff, *Xyleborus picus* (Motschulsky), *Xylosandrus difficilis* (Eggers).

Artocarpus fraxinifolius

Coccotrypes vulgaris (Eggers), *Platypus secretus* Sampson.

Artocarpus heterophylla

Hyleidius detersus (Chapuis), *Xyleborinus sculptilis* (Schedl).

Artocarpus hirsuta

Xyleborus perforans (Wollaston).

Artocarpus incisus

Cyrtogenius brevior (Eggers), *Platypus jansonii* Chapuis.

Artocarpus integrifolia

Diamerus curvifer (Walker), *Eucallacea interjectus* (Blandford), *Eucallacea xanthopus* (Eichhoff), *Hypothenemus eruditus* Westwood, *Liparthrum artocarpi* Wood, *Platypus indicus* Strohmeyer, *Xyleborus perforans* (Wollaston), *Xyleborus picus* (Motschulsky), *Xyleborus similis* Ferrari, *Xyleborus volutus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Artocarpus introcha

Platypus lepidus Chapuis.

Artocarpus kunstleri

Acanthotomicus kepongi (Schedl), *Cryphalus artocarpus* (Schedl), *Cyrtogenius brevior* (Eggers), *Diamerus luteus* Hagedorn, *Eucallacea subparallelus* (Eggers), *Hypothenemus eruditus* Westwood, *Xyleborus amphiceranoides* Hagedorn.

Artocarpus lakoocha

Ambrosiodinus dihingensis (Eggers), *Ambrosiodinus sulcatus* (Eggers), *Baiocis perianthus* (Schedl), *Coccotrypes cyperi* (Beeson), *Cryphalus dorsalis* (Motschulsky), *Cyrtogenius glaber* (Schedl), *Eucallacea wallacci* (Blandford), *Ozopemon obanus* Hagedorn, *Platypus curtatus* Sampson, *Platypus pseudocupulatus* Schedl, *Platypus signatus* Chapuis, *Platypus westwoodii* Chapuis, *Xyleborus perforans* (Wollaston), *Xyleborus punilus* Eggers, *Xyleborus rufobrunneus* Eggers, *Xyleborus volutus* (Fabricius).

Artocarpus lauceaeifolia

Coccotrypes advena Blandford, *Coccotrypes cinnamomi* (Eggers), *Coptodryas mugax* (Schedl), *Hypothenemus artocarpi* Browne, *Xyleborus perforans* (Wollaston).

Artocarpus nobilis

Eccoptyterus spinosus (Olivier).

Artocarpus rigida

Coccotrypes advena Blandford, *Coccotrypes cinnamomi* (Eggers), *Cryphalus tenuis* Schedl, *Hypothenemus artocarpi* Browne.

Artocarpus scortechini

Anasa versicolor (Sampson), *Coccotrypes advena* Blandford, *Coccotrypes cinnamomi* (Eggers), *Coccotrypes marginatus* (Browne), *Coccotrypes petioli* (Browne), *Coptodryas cylindrica* (Eggers), *Cryphalus tenuis* Schedl, *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Eucallacea xanthopus* (Eichhoff), *Hypocryphalus corpuentus* Schedl, *Hypothenemus artocarpi* Browne, *Platypus insulindicus* Schedl, *Xyleborus amphiceranoides* Hagedorn.

Artocarpus spp.

Cladoctonus interruptus (Eggers), *Coccotrypes*

gedeanus (Eggers), *Coccotrypes longior* (Eggers), *Coccotrypes medius* (Eggers), *Cryphalus bronnei* Wood, *Cryphalus mollis* Schedl, *Cryphalus sylvicola* (Perkins), *Cyrtogenius parvus* Browne, *Eucallacea andamanensis* (Blandford), *Eucallacea fornicatus* (Eichhoff), *Ficicis despectus* (Walker), *Gemyocerus diaphanus* (Schedl), *Hadrodemius globus* (Blandford), *Hypocryphalus perminimus* (Schedl), *Hypothenemus artocarpi* Browne, *Hypothenemus eruditus* Westwood, *Leptoxyleborus concisus* (Blandford), *Platypus cupulatus* Chapuis, *Platypus forficula* Chapuis, *Platypus insulindicus* Schedl, *Xyleborinus exiguus* (Walker), *Platypus jansonii* Chapuis, *Platypus solidus* Walker, *Platypus westwoodii* Chapuis, *Xyleborus alluaudi* Schaufuss, *Xyleborus apertus* Schedl, *Xyleborus javanus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus principalis* Eichhoff, *Xyleborus pseudocylindricus* Eggers, *Xylosandrus ater* (Eggers), *Xylosandrus crassiusculus* (Motschulsky).

Artocarpus sticus

Hypothenemus artocarpi Browne.

Arundinaria alpina

Dendrochilus arundinarius Schedl.

Asimina spp.

Hypothenemus eruditus Westwood.

Asimina triloba

Hypothenemus eruditus Westwood, *Trischidius atomus* (Hopkins).

Asparagus spp.

Mimioctonus congonus (Schedl), *Xylosandrus compactus* (Eichhoff).

Aspericollis spp.

Hypothenemus eruditus Westwood.

Astragalus spp.

Hypothenemus erudiac (Panzer).

Astrocarym murumuru

Coccotrypes surinamensis Schedl.

Astronium graveolens

Styphlosoma subulatum Wood, *Xyleborus volutus* (Fabricius).

Aucoumea klaineana

Doliopygus coclocephalus (Schaufuss), *Doliopygus conradi* (Strohmeyer), *Doliopygus erichsonii* (Chapuis), *Doliopygus serratus* (Strohmeyer), *Dryocoetoides cristatus* (Fabricius), *Hypothenemus concolor* Hagedorn, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Trachyostus aterrimus* (Schaufuss), *Xyleborus affinis* Eichhoff, *Xyleborus ambasiusculus* Eggers, *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky).

Angophora costata

Xyleborus perforans (Wollaston).

Austroboxus nitidus

Crossotarsus squamulatus Chapuis, *Platypus cupulatus* Chapuis, *Platypus pseudocupulatus* Schedl.

Austranella congolensis

Chaetastus tuberculatus (Chapuis), *Coccotrypes cylindricus* (Eggers), *Diapus quinquespinatus* Chapuis, *Doliopygus artespinatus* (Schedl), *Doliopygus coclocephalus* (Schaufuss), *Doliopygus ghesquieri* (Schedl), *Doliopygus lebrunii* Schedl, *Doliopygus leferrei* Schedl, *Doliopygus megaloma* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Platypus parallelus* (Fabricius), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).

Ariceunia officinalis*Xyleborus ferrugineus* (Fabricius).**Ariceunia spp.***Xyleborus bidentatus* (Motschulsky).**Baccharus spp.***Mieracis sucaini* Blackman, *Pityoplithorus paucus* Wood, *Scolytodes constrictus* Wood.**Baccaura parvifolia***Crossotarsus siporani* Schedl.**Baikaea eminii***Xyleborus multispinatus* Eggers, *Xylocleptes baikiae* Schedl.**Baikaea spp.***Ambrosiodinus albizzianus* (Schedl), *Doliopygus interruptus* (Sampson).**Bailonella toxisperma***Cyclorhipidion agnaticeps* (Schedl).**Balanites iclisoniana***Hypothenemus eruditus* Westwood, *Hypothenemus perhispidus* (Eggers), *Hypothenemus socialis* (Schedl).**Balanocarpus heimii***Arixyleborus mediosectus* (Eggers), *Arixyleborus scabripennis* (Blandford), *Coccotrypes brunneus* (Numberg), *Coccotrypes gedeanus* (Eggers), *Coccotrypes subcribrosus* (Blandford), *Coptodryas curvidentis* (Schedl), *Crossotarsus externedentatus* (Fairmaire), *Cryptoxyleborus dryobalanopsis* Schedl, *Cyclorhipidion agnatum* (Eggers), *Cyclorhipidion pruinosum* (Blandford), *Diapus pusillimus* Chapuis, *Diapus quinquespinitus* Chapuis, *Genyocerus abdominalis* (Schedl), *Hypothenemus cuneolus* (Schedl), *Leptoxyleborus concisus* (Blandford), *Platypus armaticeps* Schedl, *Platypus balanocarpus* Schedl, *Platypus bifurcus* (Schedl), *Platypus curtus* Chapuis, *Platypus planodeclivis* Schedl, *Platypus shoreanus* (Beeson), *Platypus transformis* Schedl, *Platytarsulus elongatus* Schedl, *Schedlia sumatrana* (Hagedorn), *Xyleborus amplexicauda* Hagedorn, *Xyleborus apertus* Schedl, *Xyleborus balanocarpi* Numberg, *Xyleborus cylindromorphus* Eggers, *Xyleborus dolosus* Blandford, *Xyleborus emarginatus* Eichhoff, *Xyleborus macropterus* Schedl, *Xyleborus persimilis* Eggers, *Xyleborus triangi* Schedl.**Balfourodendron riedelianum***Xyleborus ferrugineus* (Fabricius).**Baloghia lucida***Chaetoptelius tricolor* (Schedl), *Xyleborus perforans* (Wollaston).**Bambusa spp.***Hypothenemus solitarius* (Schedl), *Scolytoplatus mikado* Blandford.**Bambusa tulda***Coccotrypes barbatus* (Schedl).**Bambusa vulgaris***Chramesus gracilis* Wood, *Chramesus macrocornis* Wood, *Hyllocurus nodulus* Wood.**Banksia grandis***Anasa banksiae* (Schedl).**Baphia nitida***Cyclorhipidion crucifer* (Hagedorn), *Cylindropalpus camerunus* (Schedl), *Cylindropalpus laudatus* (Schedl), *Doliopygus citri* Schedl, *Doliopygus interjectus* Schedl, *Doliopygus nairobiensis* (Schedl), *Hypothenemus eruditus* Westwood, *Triozastus banghaasi* (Schaufuss), *Xyleborus affinis* Eichhoff, *Xyleborus ambasiusculus* Eggers.**Baphia pubescens***Hylesinopsis baphiae* (Schedl), *Hylesinopsis quadriloberculatus* (Schedl), *Hypothenemus biscriatus* (Eggers), *Hypothenemus camerunus* (Eggers), *Rhopalopsclion grande* Schedl, *Rhopalopsclion intermedium* Schedl, *Rhopalopsclion nitidum* Schedl, *Rhopalopsclion thompsoni* Schedl, *Tiarophorus intermedius* Schedl, *Xyleborus picrus* (Motschulsky).**Baphia soldheidii***Hylesinopsis quadriloberculatus* (Schedl), *Rhopalopsclion grande* Schedl, *Rhopalopsclion intermedium* Schedl, *Rhopalopsclion nitidum* Schedl.**Baphia spp.***Premnobius cavipennis* Eichhoff, *Rhopalopsclion confusum* Eggers, *Xyleborus colvulus* (Fabricius).**Barringtonia excelsa***Hypothenemus eruditus* Westwood.**Barringtonia macrostachya***Anasa versicolor* (Sampson).**Barteria fistulosa***Doliopygus lefevri* Schedl, *Doliopygus tenuis* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Xyleborus affinis* Eichhoff.**Barteria nigriflora***Cylindropalpus camerunus* (Schedl), *Cylindropalpus granulatus* (Schedl), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus dubius* (Sampson), *Doliopygus retusus* Schedl, *Doliopygus tenuis* (Strohmeyer), *Hypothenemus eruditus* Westwood, *Periommatius excisus* Strohmeyer, *Phrixosoma fuscovillosa* (Schedl), *Platypus hintzi* Schaufuss, *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus albicaudi* Schaufuss, *Xyleborus colvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).**Basjoo spp.***Hypothenemus eruditus* Westwood.**Bassia butyracea***Platypus reclunatus* (Beeson), *Scolytominus assamensis* Schedl.**Bassia latifolia***Cryphalus scabricollis* Eichhoff, *Eccoptopterus spinosus* (Olivier), *Platypus uncinatus* Blandford, *Polygraphus anogeiissi* Wood, *Scolytominus assamensis* Schedl, *Scolytominus mimusopsis* Wood, *Xyleborus perforans* (Wollaston), *Xyloctonus scolytoides* Eichhoff.**Bauhinia alba***Hypothenemus californicus* Hopkins, *Hypothenemus columbi* Hopkins, *Hypothenemus javanus* (Eggers).**Bauhinia grandiceps***Hypothenemus brunneus* (Hopkins), *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood.**Bauhinia krugii***Hypothenemus crudiae* (Panzer).**Bauhinia malabarica***Crossotarsus emorsus* Beeson.**Bauhinia purpurea***Hypothenemus eruditus* Westwood, *Xyleborus similis* Ferrari.**Bauhinia spp.***Crossotarsus externedentatus* (Fairmaire), *Crossotarsus squamulatus* Chapuis, *Hypothenemus eruditus* Westwood, *Xyleborus rugosipennis* Schedl, *Xylosandrus compactus* (Eichhoff), *Xylosandrus retusus* (Eichhoff).**Bauhinia tomentosa***Hypothenemus ater* (Eggers), *Hypothenemus bauhiniae* Schedl, *Hypothenemus eruditus* Westwood, *Hypoth-*

- nemus javanicus* Eggers). *Hypothenemus morio* (Eggers). *Hypothenemus mozambiquensis* Eggers. *Hypothenemus seriatus* (Eichhoff). *Microrhynchus attenuatus* (Eggers). *Scolytinus assanicus* Schedl. *Xyleborus subasperulus* Eggers. *Xylosandrus compactus* (Eichhoff). *Xylosandrus crassiusculus* (Motschulsky).
- Bauhinia variegata**
Eucallacea andamanensis (Blandford). *Eucallacea formicatus* (Eichhoff). *Hypothenemus setosus* (Eichhoff). *Xyleborus perforans* (Wollaston). *Xylosandrus discolor* (Blandford).
- Beilschmiedia baucroftii**
Platypus carbonescens (Beeson).
- Beilschmiedia corbisieri**
Doliopygus lebrani Schedl. *Doliopygus megatoma* Schedl. *Doliopygus rhodesianus* (Schedl). *Doliopygus serratus* (Strohmeyer). *Doliopygus tenuis* (Strohmeyer). *Hypothenemus criticus* (Schedl). *Periommatius excisus* Strohmeyer. *Prennobiobius robustulus* (Schedl). *Triozastus marshalli* (Saunders). *Xyleborus affinis* Eichhoff. *Xyleborus africanus* Eggers. *Xyleborus ferrugineus* (Fabricius).
- Beilschmiedia gilbertii**
Chaetastus tuberculatus (Chapuis). *Cylindropalpus laudatus* (Schedl). *Periommatius excisus* Strohmeyer. *Periommatius longicollis* Chapuis. *Periommatius subrobustus* Schedl. *Platypus beilschmiediae* Schedl. *Platypus hintzi* Schaufuss. *Platypus solutus* Schedl. *Xyleborus affinis* Eichhoff. *Xyleborus consobrinus* Eggers. *Xyleborus rotulus* (Fabricius).
- Beilschmiedia louisii**
Ambrosiodmus aegir (Eggers). *Cyclorhynchus agnaticeps* (Schedl). *Doliopygus bitalei* Schedl. *Doliopygus rhodesianus* (Schedl). *Mesoplatypus kitshii* Schedl. *Platypus orientalis* (Strohmeyer). *Xyleborus affinis* Eichhoff. *Xyleborus amanicus* Hagedorn. *Xyleborus principalis* Eichhoff.
- Beilschmiedia obtusifolia**
Xyleborus ipidia Schedl.
- Beilschmiedia sikkimensis**
Ambrosiodmus lantanae (Eggers). *Cyclorhynchus hirtum* (Hagedorn). *Diapus spatulifer* Browne. *Eucallacea wallacci* (Blandford). *Platypus curtatus* Saunders. *Platypus lopclucensis* Schedl.
- Beilschmiedia spp.**
Ambrosiodmus eichhoffi (Schreiner). *Baiocis solominicus* Browne. *Prennobiobius cavipennis* Eichhoff. *Xylosandrus difficilis* (Eggers).
- Belanophora glomerata**
Chaetastus tuberculatus (Chapuis).
- Belotia campbelli**
Trischidias exigua Wood.
- Benzoin spp.**
Phloeosinus pulchellus Blandford. *Scolytoplatypus mikado* Blandford. *Scolytoplatypus tycon* Blandford. *Xylosandrus mutilatus* (Blandford).
- Benzoin thunbergii**
Indocryptalus pubipennis (Blandford).
- Berberis fremontii**
Thysanocis berbericolens Wood.
- Berberis nepulensis**
Xyleborus mussooriensis Eggers.
- Berberis spp.**
Corthybus punctatissimus (Zimmermann). *Xylosandrus brevis* (Eichhoff).
- Berchemia scandens**
Thysanocis berchemiae Blackman.
- Berkheya spekeana**
Rhopalopselion congoum (Schedl).
- Berlinia acuminata**
Cylindropalpus auricomans (Schaufuss). *Pityophthorus mposae* Schedl. *Platypus parallelus* (Fabricius). *Xyleborus affinis* Eichhoff. *Xyleborus allnandi* Schaufuss. *Xyleborus ambasiusculus* Eggers. *Xyleborus ferrugineus* (Fabricius). *Xyleborus rothkirchi* Eggers. *Xyleborus rotulus* (Fabricius).
- Berlinia auriculata**
Platypus hintzi Schaufuss.
- Berlinia brieji**
Platypus parallelus (Fabricius).
- Berlinia confusa**
Doliopygus berliniae Roberts. *Doliopygus caesalpiniae* Roberts.
- Berlinia grandiflora**
Pityophthorus mposae Schedl.
- Berlinia spp.**
Doliopygus bitalei Schedl. *Doliopygus chapuisi* (Duviol). *Platypus hintzi* Schaufuss. *Platypus ucosolidus* Schedl. *Platypus parallelus* (Fabricius).
- Berria amonilla**
Hypothenemus brunneus (Hopkins). *Hypothenemus cruditus* Westwood.
- Bersama abyssinica**
Acanthothomius tanganyikensis (Schedl).
- Bersama spp.**
Chaetastus montanus Schedl. *Scolytoplatypus fasciatus* Hagedorn.
- Bertholletia excelsa**
Hypothenemus obscurus (Fabricius).
- Betonica officinalis**
Thamnotus kaltenbachii (Bach).
- Betula grossa**
Platypus calanus Blandford. *Platypus lewisi* Blandford.
- Betula japonica**
Xyleborinus alni (Niisima).
- Betula lenta**
Dryocoetes betulae Hopkins. *Trypodendron betulae* Swaine.
- Betula lutea**
Dryocoetes betulae Hopkins. *Monartlurum mali* (Fitch). *Xyleborus ferrugineus* (Fabricius).
- Betula papyrifera**
Dryocoetes betulae Hopkins. *Trypodendron betulae* Swaine.
- Betula platyphylla**
Scolytus betulae Niisima.
- Betula platyphylla japonica**
Platypus lewisi Blandford. *Xyleborinus saxsenii* (Ratzeburg).
- Betula populifera**
Pseudopityophthorus asperulus (LeConte).
- Betula schmidtii**
Xyleborus atratus Eichhoff.
- Betula spp.**
Ambrosiodmus obliquus (LeConte). *Ambrosiodmus tachygraphus* (Zimmermann). *Ernoporicus fagi* (Fabricius). *Hypothenemus crudius* (Panzer). *Pseudopityophthorus minutissimus* (Zimmermann). *Scolytus daluricus* Chapuis. *Scolytus intricatus* (Ratzeburg). *Scolytus ratzeburgi* Janson. *Taphrorhynchus betulae* Schedl. *Trypodendron domesticum* (Linnaeus). *Trypodendron signatum*

(Fabricius), *Xyleborus maiche* (Stark), *Xyleborus obesus* LeConte, *Xyleborus sayi* (Hopkins), *Xyleborus seriatus* Blandford, *Xyloterinus politus* (Say).

Bidens pilosa

Hypothenemus californicus Hopkins, *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus gossypii* (Hopkins).

Bignonia spp.

Hypothenemus crudiae (Panzer).

Biota orientalis

Ambrosiodinus rubricollis (Eichhoff), *Phloeosinus bicolor* (Brulle), *Phloeosinus hopehi* Schedl.

Bischofia javanica

Ambrosiodinus lecontei Hopkins, *Platypus binucus* Blandford, *Platypus curvus* Strohmeier, *Xylosandrus crassiusculus* (Motschulsky).

Bixa orellana

Eucallacea forficatus (Eichhoff), *Hypothenemus eruditus* Westwood, *Xyleborus mucronatus* Eggers, *Xylosandrus morigerus* (Blandford).

Blacus fuscipennis

Xyleborinus saxosus (Ratzeburg).

Blighia sapida

Chaetastus tuberculatus (Chapuis), *Doliopygus brevis* (Strohmeier), *Doliopygus conradti* (Strohmeier), *Doliopygus dubius* (Sampson), *Doliopygus perbrevis* Schedl., *Doliopygus serratus* (Strohmeier), *Periommatatus grandis* Schedl., *Periommatatus longicollis* Chapuis, *Platypus schenkingi* (Strohmeier), *Triozastus marshalli* (Sampson), *Xyleborinus similis* (Eggers), *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers.

Blighia spp.

Prenuobius capitipennis Eichhoff.

Blighia unijugata

Chaetastus tuberculatus (Chapuis).

Blighia welwitschii

Chaetastus tuberculatus (Chapuis), *Doliopygus divaricus* (Schedl.), *Doliopygus erichsoni* (Chapuis), *Doliopygus jurioni* Schedl., *Doliopygus lefevrei* Schedl., *Doliopygus medius* Schedl., *Doliopygus unicornis* Schedl., *Periommatatus excisus* Strohmeier, *Periommatatus grandis* Schedl., *Periommatatus longicollis* Chapuis, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeier), *Triozastus banghaasi* (Schaufuss), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus volvulus* (Fabricius).

Boea elatior

Xyleborus ferrugineus (Fabricius), *Xyleborus perforans* (Wollaston).

Bocconia frutescens

Corthyoclon aztecum (Bright).

Boehmeria scabra

Hypothenemus californicus Hopkins, *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood.

Boehmeria spp.

Xylosandrus morigerus (Blandford).

Boehmeria ulmifolia

Microcorthyus demissus Wood, *Microcorthyus ocularis* Wood.

Boieldieu spp.

Hypothenemus eruditus Westwood.

Bolboceranus bicolor

Doliopygus megatoma Schedl., *Periommatatus similis* Strohmeier.

Bombacopsis quinata

Xyleborus affinis Eichhoff.

Bombacopsis quintana

Xyleborus ferrugineus (Fabricius).

Bombax flammeum

Platypus hintzi Schaufuss, *Platypus impressus* (Strohmeier), *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl.

Bombax insigne

Platypus quadrifissilis Schedl., *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

Bombax malabaricum

Ambrosiodinus minor (Stebbing), *Cryphalus scabrifollis* Eichhoff, *Eucallacea interjectus* (Blandford), *Platypus curvus* Strohmeier, *Platypus cupulatus* Chapuis, *Platypus errans* (Sampson), *Platypus latifinis* Walker, *Platypus solidus* Walker, *Platypus uncinatus* Blandford, *Xyleborinus andrewesi* (Blandford), *Xyleborinus exiguus* (Walker), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus compactus* (Eichhoff).

Bombax spp.

Platypus indicus Strohmeier.

Borassus flabellifer

Coccotrypes carpophagus (Hornung), *Coccotrypes cyperi* (Beeson), *Coccotrypes variabilis* (Beeson), *Xyleborus affinis* Eichhoff.

Borassus spp.

Xyleborus affinis Eichhoff.

Borrichia arboreseens

Pityophthorus borrichiae Wood.

Borrichia frutescens

Pityophthorus borrichiae Wood.

Bosqueia angolensis

Chaetastus montanus Schedl., *Chaetastus tuberculatus* (Chapuis), *Ctonoxylon bosqueia* Schedl., *Diamerus impar* Chapuis, *Diamerus pinelioides* (Schaufuss), *Doliopygus bidentatus* (Strohmeier), *Doliopygus brevis* (Strohmeier), *Doliopygus chapuisi* (Duvivier), *Doliopygus coeloccephalus* (Schaufuss), *Doliopygus conradti* (Strohmeier), *Doliopygus erichsoni* (Chapuis), *Doliopygus exilis* (Chapuis), *Doliopygus lefevrei* Schedl., *Doliopygus medius* Schedl., *Doliopygus punctiventris* Schedl., *Doliopygus serratus* (Strohmeier), *Doliopygus unicornis* Schedl., *Eccoopterus spinosus* (Olivier), *Hylesiniopsis confusus* (Eggers), *Hylesiniopsis dubius* Eggers, *Hypothenemus arceae* (Hornung), *Mesoplatus kitushi* Schedl., *Periommatatus excisus* Strohmeier, *Periommatatus longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeier), *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl., *Rhopalopsion confusum* Eggers, *Triozastus banghaasi* (Schaufuss), *Triozastus caliginosus* Roberts, *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus principalis* Eichhoff, *Xyleborus scobinatus* Hagedorn, *Xyleborus volvulus* (Fabricius).

Bosqueia phoberos

Chaetastus tuberculatus (Chapuis), *Doliopygus chapuisi* (Duvivier).

Bosqueia spp.

Ambrosiodinus albizzianus (Schedl.), *Diamerus impar* Chapuis, *Dactylipalpus grouvellei* (Blandford).

Boswellia serrata

Carphoborus boswelliae (Stebbing), *Carphoborus latus*

- Wood, *Platypus uncinatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.
- Bouea macrophylla**
Crossotarsus squamulatus Chapuis, *Crossotarsus wal-lacei* (Thomson).
- Bouea** spp.
Platypus pseudocupulatus Schedl.
- Bourreria havanensis**
Dendrosinus bourreriae Schwarz.
- Brachychiton acerifolium**
Platypus subgranosus Schedl.
- Brachychiton populneum**
Platypus subgranosus Schedl.
- Brachystegia nigerica**
Doliopygus caesalpiniae Roberts, *Platypus hintzi* Schaufuss.
- Brachystegia** spp.
Ambrosiodinus eichhoffi (Schreiner), *Doliopygus interruptus* (Sampson), *Doliopygus mimicus* (Schedl), *Doliopygus spatiosus* (Schedl), *Premnobius cavipennis* Eichhoff.
- Brachystegia utilis**
Glostatus scydali (Nunberg), *Polygraphus zambianus* Beaver.
- Brackenridgea hookeri**
Crossotarsus squamulatus Chapuis, *Xylosandrus mancus* (Blandford).
- Bradfordi** spp.
Hypothenemus eruditus Westwood.
- Bramellia costaricensis**
Platypus coronatus Schedl.
- Breymia microphylla**
Eucallacea xanthopus (Eichhoff).
- Bridelia bridelifolia**
Cyclorhipidion agnaticeps (Schedl), *Xyleborus ruandae* Schedl.
- Bridelia retusa**
Eccoptopterus spinosus (Olivier), *Platypus uncinatus* Blandford.
- Bridelia sclereneuroides**
Hypothenemus tungamansohis (Schedl), *Platypus hintzi* Schaufuss.
- Bridelia** spp.
Xylosandrus morigerus (Blandford).
- Bridela tomentosa**
Crossotarsus squamulatus Chapuis.
- Bridelia tulasneana**
Xyleborinus quadrispinosus (Eichhoff).
- Brillantaisia leonensis**
Dendrochilus robustus Schedl.
- Brillantaisia** spp.
Xyleborus ambasipennis Schedl, *Xyleborus clerodendronae* Schedl, *Xyleborus truncatulus* Schedl.
- Brosimum alicastrum**
Cladoctonus cubensis (Wood), *Phloeotribus setulosus* Eichhoff, *Pycnarthrum amersum* Wood.
- Brosimum** spp.
Phloeoborus scaber Erichson, *Phloeotribus biguttatus* Blandford, *Phloeotribus pilula* (Erichson), *Phloeotribus setulosus* Eichhoff, *Pycnarthrum brosimi* Wood, *Pycnarthrum subcarinatum* Wood, *Xyleborus affinis* Eichhoff.
- Broussonetia kazinoki**
Cryphalus exiguus Blandford.
- Burkea** spp.
Araptus hymenacae (Eggers), *Araptus laevigatus* (Eggers), *Chramesus impolitus* Wood, *Dryococtoides cristatus* (Fabricius), *Taurodenus bicorintus* (Wood), *Taurodenus splendidus* (Schaufuss), *Xyleborus rotulus* (Fabricius).
- Bruguiera gymorhiza**
Coccotrypes fallax (Eggers), *Cryphalus borneensis* Schedl.
- Bruguiera parviflora**
Crossotarsus squamulatus Chapuis, *Platypus forficula* Chapuis, *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.
- Brunellia costaricensis**
Corthylus zelus Wood, *Monarthrum vittatum* (Blandford), *Platypus brevicornis* Wood, *Platypus eugestus* Wood, *Platypus regestus* Wood.
- Buchanania arborecens**
Xyleborinus andrewesi (Blandford), *Xyleborus metacuculus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).
- Buchanania lanzan**
Crossotarsus minax (Walker), *Cryphalus scabricollis* Eichhoff, *Xyleborinus andrewesi* (Blandford), *Xyleborus similis* Ferrari, *Xylosandrus gravidus* (Blandford), *Xylosandrus mancus* (Blandford).
- Buchanania latifolia**
Crossotarsus externedentatus (Fairmaire), *Platypus errans* (Sampson), *Platypus uncinatus* Blandford, *Xyleborus perforans* (Wollaston), *Xylosandrus mancus* (Blandford).
- Buchanania sessilifolia**
Crossotarsus schedli Browne, *Ficicis despectus* (Walker), *Xylosandrus crassiusculus* (Motschulsky).
- Buchanania** spp.
Crossotarsus externedentatus (Fairmaire), *Platypus jansoni* Chapuis, *Platypus negatus* Schedl, *Platypus solidus* Walker, *Xyleborinus andrewesi* (Blandford).
- Bucida buceras**
Hypothenemus erudiac (Panzer), *Hypothenemus eruditus* Westwood.
- Bucklandia populnea**
Coccotrypes nubilis (Blandford), *Diapus spatulifer* Browne.
- Buddleja** spp.
Xylosandrus compactus (Eichhoff).
- Budianana sessilifolia**
Hypothenemus javanus (Eggers).
- Buka limlia**
Crossotarsus boucouloiri Chapuis.
- Bumelia lanuginosa**
Cnesinus strigicollis LeConte.
- Bupleurum fruticosum**
Triotennus graugeri (Peyerimhoff).
- Bupleurum spinosum**
Triotennus graugeri (Peyerimhoff), *Triotennus lepincji* Bakachowsky.
- Burkella** spp.
Diapus oomsis Roberts, *Platypus vitensis* Roberts.
- Bursaria spinosa**
Cryphalus pilosellus Erichson.
- Bursera capallifera**
Schedlarius mexicanus Duges.
- Bursera instabilis**
Phloeoternis burserae Wood.
- Bursera microphylla**
Cactopinus desertus Bright, *Dendroterus striatus* (LeConte).

Bursera simarubra

Dendroterus eximius Wood, *Dendroterus defectus* Wood, *Dendroterus parvulus* Wood, *Dendroterus resolutus* Wood, *Dendroterus sallaci* Blandford, *Dendroterus sodalis* Wood, *Schedlarius mexicanus* Duges, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus spathipennis* Eichhoff, *Xyleborus spinulosus* Blandford, *Xyleborus tumucensis* Hagedorn, *Xyleborus volvulus* (Fabricius).

Bursera spp.

Cactopinus spinatus Wood, *Dendroterus cognatus* Wood, *Dendroterus decipiens* Wood, *Dendroterus fossifrons* Wood, *Dendroterus luteolus* (Schedl), *Dendroterus mexicanus* Blandford, *Dendroterus modicus* Wood, *Dendroterus sallaci* Blandford, *Hypothenemus crudiae* (Panzer), *Hypothenemus seriatus* (Eichhoff), *Microborus mexicanus* Wood, *Pityophthorus burserae* Wood, *Pityophthorus indigenus* Wood, *Pityophthorus nanus* Wood, *Pityophthorus nebulosus* Wood, *Xyleborus morulus* Blandford.

Bussea occidentalis

Cylindropalpus auricomans (Schaufluss), *Doliopygus brevis* (Strohmeyer), *Doliopygus conradi* (Strohmeyer), *Doliopygus mimicus* (Schedl), *Doliopygus nitidulus* Schedl, *Doliopygus opifex* (Sampson), *Doliopygus proximus* Schedl, *Doliopygus retusus* Schedl, *Hypothenemus concolor* Hagedorn, *Mesoplatypus ventricornis* Schedl, *Mesoplatypus venustus* Schedl, *Periommatatus longicollis* Chapuis, *Pityophthorus busseae* Schedl, *Pityophthorus suturalis* Eggers, *Prennobius sexspinosus* Eggers, *Stephanopodius ghanacensis* (Schedl), *Triozastus elongatus* Schedl, *Xyleborinus sharpae* (Hopkins).

Bussea spp.

Scolytoplatypus occidentalis Browne.

Butea frondosa

Coccotrypes longior (Eggers), *Eucallacea andamanensis* (Blandford), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus mancus* (Blandford).

Butea monosperma

Crossotarsus externedentatus (Fairmaire), *Crossotarsus minax* (Walker), *Xyleborus fallax* Eichhoff, *Xyleborus similis* Ferrari, *Xylosandrus morigerus* (Blandford).

Butea spp.

Platypus solidus Walker.

Buxus macrocarpii

Scolytoplatypus obtectus Schedl.

Buxus spp.

Scolytoplatypus fasciatus Hagedorn.

Byronia sandwicensis

Xyleborus obliquus Sharp, *Xyleborus perforans* (Wollaston).

Byronima spp.

Xylosandrus compactus (Eichhoff).

Caesalpinia decapetala

Pityophthorus mihungensis Schedl, *Thamurgus granulicollis* Schedl, *Xylecleptes sidanus* (Schedl).

Caesalpinia melanocarpa

Spermophthorus caesalpiniae Blackman.

Caesalpinia pulcherrima

Hypothenemus eruditus Westwood.

Caesalpinia sappan

Hyorrhynchus lewisi Blandford.

Caesalpinia sopiaria

Cyrtogenius polyphagus (Schedl).

Cajanus cajon

Araptus hypenacae (Eggers), *Cyrtogenius mihungensis* (Schedl), *Hypothenemus brunneus* (Hopkins), *Hypothenemus californicus* Hopkins, *Hypothenemus eruditus* Westwood, *Hypothenemus gossypii* (Hopkins), *Hypothenemus seriatus* (Eichhoff).

Calamus cuesius

Xylosandrus morigerus (Blandford).

Calamus spp.

Ambrosiodmus brunneipes (Eggers), *Eucallacea limatus* (Schedl), *Hypothenemus eruditus* Westwood, *Leptoxyleborus concisus* (Blandford), *Xyleborus scabricollis* (Schedl), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus morigerus* (Blandford).

Caldecuria spp.

Diapus nebulosus Roberts, *Diapus unispinus* Roberts.

Calliandra confusa

Hypothenemus opacus (Eichhoff), *Hypothenemus seriatus* (Eichhoff), *Micracis grandis* Schedl, *Thysanocis neotropicalis* Wood, *Tricolus senex* Schedl, *Xylosandrus zimmermanni* (Hopkins).

Calliandra houstoniana

Micracis festinus Wood.

Callicarpa spp.

Hypothenemus seriatus (Eichhoff), *Xylosandrus compactus* (Eichhoff).

Callitris articulata

Phloeosinus bicolor (Brulle).

Calodendrum capensis

Pityophthorus kenya Schedl.

Calonciton tannifolium

Scolytogenes knabi (Hopkins).

Caloncobia welwitschii

Cryptocarenum pygmaeus Schedl, *Doliopygus donisi* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus rapax* (Sampson), *Hypothenemus ater* (Eggers).

Calophyllum brasiliense antellanum

Araptus pallidus (Blackman).

Calophyllum chapelieri

Xyleborinus cupulatus (Schedl).

Calophyllum cuneifolium

Cryphalus vestitus Blandford.

Calophyllum inophyllum

Crossotarsus chalcographus Schedl, *Crossotarsus externedentatus* (Fairmaire), *Hypothenemus eruditus* Westwood, *Xyleborinus andrewesi* (Blandford), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xylosandrus mancus* (Blandford).

Calophyllum spp.

Crossotarsus squamulatus Chapuis, *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Cylindropalpus sulcatus* Browne, *Diapus bispinus* Schedl, *Diapus nanus* Schedl, *Diapus nebulosus* Roberts, *Diapus papuanus* Schedl, *Diapus perpygmaeus* Roberts, *Hypocryphalus laevis* Browne, *Hypocryphalus tutuilaensis* Schedl, *Platypus platypoides* (Browne), *Platypus porcellus* Schedl, *Platypus westwoodi* Chapuis.

Calophyllum tetrapterum

Crossotarsus squamulatus Chapuis, *Diapus minutissimus* Schedl, *Platypus truncatus* Browne, *Xylosandrus crassiusculus* (Motschulsky).

Calophyllum citiense

Platypus citiensis Roberts.

Calophyllum walckeri

Arxyleborus seminatus (Blandford).

- Calycopteris floribunda*
(*Crossotarsus minax* Walker)
- Calycotome spinosa*
Liparthrum genistae (Aube) *Phlocotribus rhododactylus* (Marsham).
- Calycotome* spp.
Phlocotribus cristatus (Fauvel), *Phlocotribus perfoliatus* (Wollaston).
- Camellia japonica*
Platypus seterini Blandford, *Xyleborus atratus* Eichhoff, *Xylosandrus brevis* (Eichhoff).
- Camellia japonica rusticana*
Scolytogenes camelliae (Nobuchi).
- Camellia sasangua*
Xylosandrus borealis Nobuchi, *Xylosandrus brevis* (Eichhoff).
- Camellia sinensis*
Coccotrypes theae Eggers, *Cryphalus cestitus* Blandford, *Eucallacca fornicatus* (Eichhoff), *Platypus lepidus* Chapuis, *Platypus uncinatus* Blandford, *Scolytominus assamensis* Schedl, *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford), *Xylosandrus morigerus* (Blandford).
- Camellia* spp.
Xylosandrus mutilatus (Blandford).
- Camellia thea*
Eucallacca fornicatus (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus morigerus* (Blandford).
- Camellia theifera*
Coccotrypes theae Eggers, *Xylosandrus morigerus* (Blandford).
- Camoensia maxima*
Xyleborus ficus Eggers.
- Campnosperma auriculata*
Coccotrypes campnospermae (Browne), *Coccotrypes cinnamomi* (Eggers), *Coccotrypes gedeanus* (Eggers), *Coccotrypes longior* (Eggers), *Coccotrypes marginatus* (Browne), *Coccotrypes medius* (Eggers), *Cryphalus tenuis* Schedl.
- Campnosperma* spp.
Hypothenemus artocarpus Browne, *Platypus hospes* Schedl, *Platypus jansonii* Chapuis, *Platypus solidus* Walker.
- Cananga odorata*
Crossotarsus mmiscehi Chapuis, *Platypus biuncus* Blandford.
- Canarium australasicum*
Platypus queenslandi Schedl.
- Canarium boiviu*
Mitosoma crenulatum Chapuis, *Xyleborus alluandi* Schaufuss.
- Canarium commune*
Arxyleborus malayensis (Schedl), *Cryphalus duplo-squamosus* Schedl, *Xyleborinus andrewesi* (Blandford), *Xyleborus affinis* Eichhoff.
- Canarium euphyllum*
Arxyleborus mediosectus (Eggers), *Arxyleborus medius* (Eggers), *Bothinodroctonus setosus* Wood, *Coccotrypes culgaris* (Eggers), *Coptodryas perparra* (Sampson), *Crossotarsus externedentatus* (Fairmaire), *Cryphalus scabricollis* Eichhoff, *Diapus quinquespinatus* Chapuis, *Eccoptyopterus spinosus* (Olivier), *Genyocerus diptercarpus* Browne, *Xyleborinus andrewesi* (Blandford), *Xyleborinus exiguus* (Walker), *Xyleborus bicinctatus* (Motschulsky), *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.
- Canarium indicum*
Crossotarsus ventricornis Schedl, *Platypus solidus* Walker.
- Canarium littorale*
Cnestus aterrinus (Eggers), *Crossotarsus schedli* Browne, *Cyclorhipidion foersteri* (Hagedorn), *Cyclorhipidion prunosum* (Blandford), *Hadrodemius globus* (Blandford), *Hypocryphalus malayensis* Schedl, *Xyleborinus permittissimus* (Schedl).
- Canarium patentiuercium*
Cyclorhipidion prunosum (Blandford).
- Canarium schweinfurthii*
Acanthotomicus caelatus (Schedl), *Ambrosiodmus tropicus* (Hagedorn), *Chaetastus tuberculatus* (Chapuis), *Diapus quinquespinatus* Chapuis, *Doliopygus conradi* (Strohmeyer), *Doliopygus ghesquieri* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus leferrei* Schedl, *Doliopygus megaloma* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus staveri* Schedl, *Periommatius grandis* Schedl, *Periommatius longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus solutus* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluandi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius).
- Canarium* spp.
Ambrosiodmus oratus (Eggers), *Ambrosiodmus tropicus* (Hagedorn), *Coccotrypes gedeanus* (Eggers), *Coptoborus capucinus* (Schedl), *Cyclorhipidion cachani* (Schedl), *Cyclorhipidion foersteri* (Hagedorn), *Cyrtogenius grossopunctatus* (Schedl), *Diapus amblylaminatus* Roberts, *Diapus oosis* Roberts, *Diapus pusillinus* Chapuis, *Eucallacca xanthopus* (Eichhoff), *Hypocryphalus striatus* Hopkins, *Leptoxyleborus concisus* (Blandford), *Mitosoma sexspinatum* Schedl, *Platypus bifidus* Schedl, *Platypus longicollis* Browne, *Platypus madagascariensis* Chapuis, *Platypus solidus* Walker, *Premnobius cavipennis* Eichhoff, *Premnobius cavipennis* Eggers, *Xyleborinus andrewesi* (Blandford), *Xyleborinus quadrispinosus* (Eichhoff), *Xyleborus alluandi* Schaufuss, *Xyleborus canarii* Browne, *Xyleborus conradi* Hagedorn, *Xyleborus ipidia* Schedl, *Xyleborus kajangensis* Schedl, *Xyleborus multispinatus* Eggers, *Xyleborus posticegranulatus* Schedl, *Xyleborus tunggali* Schedl, *Xylosandrus corthyloides* (Schedl), *Xylosandrus crassiusculus* (Motschulsky).
- Canarium strictum*
Coccotrypes cardamomi Schaufuss, *Coccotrypes cyperi* (Beeson), *Crossotarsus quadricaudatus* (Strohmeyer), *Platypus solidus* Walker, *Xyleborus perforans* (Wollaston).
- Canarium citiense*
Platypus citiensis Roberts.
- Canarium vulgare*
Cyrtogenius brevior (Eggers).
- Canavalia marivendbergi*
Chramesus pumilus (Chapuis).
- Canavalia* spp.
Chramesus punctatus Wood, *Hypothenemus brunneus* (Hopkins), *Hypothenemus seriatus* (Eichhoff).
- Canavalia villosa*
Chramesus pumilus (Chapuis), *Cryptocareus herceae* (Hagedorn), *Cryptocareus lepidus* Wood, *Cryptocareus seriatus* Eggers, *Hypothenemus plumeriae* (Nord-

- linger). *Hypothenemus teretis* Wood, *Stegomerus chiriquensis* Wood, *Stegomerus pygmaeus* Wood.
- Candiosperma holacobiom**
Scolytogenes kuabi (Hopkins).
- Canella spp.**
Cucumis notatutonicus Schedl.
- Cannabris sativa**
Xylosandrus crassiusculus (Motschulsky).
- Canthium deceiveri**
Cylindropalpus laudatus (Schedl), *Doliopygus couradi* (Strohmeyer), *Prennobius quadrispinosus* Schedl, *Prennobius robustulus* (Schedl).
- Canthium didymum**
Cyclorhipidion foersteri (Hagedorn).
- Canthium oddoni**
Dryocoetoides cristatus (Fabricius), *Xyleborus picus* (Motschulsky).
- Canthium spp.**
Ctonoxylon atrum Brownie.
- Capparis bifolia**
Hypothenemus californicus Hopkins, *Hypothenemus gossypii* (Hopkins).
- Capparis nobilis**
Hypocryphalus nigrosetosus Schedl.
- Capsicum spp.**
Hypothenemus eruditus Westwood.
- Caragana spp.**
Scolytus schectyrzei Semenov.
- Carallia lucida**
Coccotrypes cyperi (Beeson).
- Carallia suffruticosa**
Platypus solidus Walker.
- Carallia spp.**
Platypus jansoni Chapuis.
- Carapa grandiflora**
Cylindropalpus granulatus (Schedl), *Doliopygus nitidulus* Schedl, *Pityophthorus togonus* Eggers, *Polygraphus dimorphus* Schedl, *Polygraphus granulatus* Eggers, *Polygraphus granulifer* Eggers, *Polygraphus kiruensis* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus albuaudi* Schaufuss, *Xyleborus ambaspennus* Schedl.
- Carapa guianensis**
Liparthrum carapae Wood.
- Carapa obovata**
Coccotrypes barbatus (Schedl), *Coccotrypes fallax* (Eggers).
- Carapa procer**
Chaetastus tuberculatus (Chapuis), *Cyrtogenius mayumbensis* (Schedl), *Doliopygus carapae* Schedl, *Doliopygus couradi* (Strohmeyer), *Doliopygus expletus* Schedl, *Doliopygus jurioni* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus unicornis* Schedl, *Hypothenemus ater* (Eggers), *Pityophthorus togonus* Eggers, *Polygraphus binotatus* Schedl, *Polygraphus kasukumbii* Schedl, *Prennobius sexspinus* Eggers, *Xyleborus affinis* Eichhoff, *Xyleborus picus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).
- Carapa spp.**
Ambrosiodmus tropicus (Hagedorn), *Scolytoplatypus kiruensis* Schedl, *Scolytoplatypus mikado* Blandford, *Xyleborus bidentatus* (Motschulsky).
- Cardicellia sublimis**
Coptodyras eucalyptica (Schedl), *Xyleborus insulindicus* Eggers, *Xyleborus perforans* (Wollaston).
- Careya arborea**
Coccotrypes cyperi (Beeson), *Crossotarsus emorsus* Beeson, *Platypus errans* (Saunders), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus butanuli* (Beeson).
- Cargotus urenus**
Coccotrypes dactyliperda (Fabricius).
- Carica papaya**
Crossotarsus externodentatus (Fairmaire), *Hypothenemus erudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Xyleborus perforans* (Wollaston), *Xylosandrus crassiusculus* (Motschulsky).
- Carnegiea gigantea**
Cactopinus hubbardi Schwarz.
- Carpinus betulus**
Ernoporicus fagi (Fabricius), *Ernoporus shinanensis* Murayama, *Lymantor coryli* (Perris), *Scolytus azerbaijanicus* Michalski, *Scolytus jacobsoni* (Spessivtsev), *Scolytus scolytus* (Fabricius), *Scolytus varshakovitchi* Michalski, *Taphrorychus villifrons* (Dufour), *Trypodendron domesticum* (Linnaeus).
- Carpinus caroliniana**
Hypothenemus eruditus Westwood.
- Carpinus carpinoïdes**
Xyleborus atatus Eichhoff.
- Carpinus cordata**
Cryphalus carpini Berger, *Dryocoetes carpini* Eggers, *Scolytus claviger* Blandford, *Scolytus pubescens* Stark.
- Carpinus japonica**
Platypus severini Blandford, *Scolytus claviger* Blandford.
- Carpinus laxiflora**
Crossotarsus niponicus Blandford, *Cryphalus carpini* Berger, *Cryphalus carpinoïdus* Murayama, *Dryocoetes carpinoïdus* Choo & Woo, *Platypus koryoensis* (Murayama), *Platypus solidus* Walker, *Scolytus claviger* Blandford, *Taphrorychus moestus* (Blandford), *Xyleborus octiesdentatus* Murayama, *Xylosandrus germanus* (Blandford), *Xylosandrus mutilatus* (Blandford).
- Carpinus spp.**
Corthylus punctatissimus (Zimmermann), *Pseudopityophthorus minutissimus* (Zimmermann), *Scolytoplatypus tycon* Blandford, *Scolytus carpini* (Ratzeburg), *Scolytus intricatus* (Ratzeburg), *Scolytus pygmaeus* (Fabricius), *Xylosandrus mutilatus* (Blandford).
- Carpinus tshonoskii**
Crossotarsus niponicus Blandford, *Eucallacca validus* (Eichhoff), *Xyleborus sciratus* Blandford.
- Carpinus turczaninowii**
Xyleborus dispar (Fabricius).
- Carpodinus subrepanda**
Ctonoxylon flavescens Hagedorn, *Pseudomicraxis bugeckae* (Schedl).
- Cartanopsis cuspidata**
Platypus calamus Blandford.
- Cartanopsis cuspidata sieboldii**
Platypus calamus Blandford.
- Carya alba**
Hypothenemus rotundicollis (Eichhoff).
- Carya arborea**
Crossotarsus squamulatus Chapuis.
- Carya glabra**
Hypothenemus rotundicollis (Eichhoff).
- Carya ovata**
Hypothenemus rotundicollis (Eichhoff).
- Carya spp.**
Ambrosiodmus derexulus (Wood), *Ambrosiodmus lecontei* Hopkins, *Ambrosiodmus obliquus* (LeConte),

Ambrosiodmus rubricollis (Eichhoff), *Ambrosiodmus tachygraphus* (Zimmermann), *Chramesus atkinsoni* Wood, *Chramesus bicoloriae* LeConte, *Cucsius strigicollis* LeConte, *Hylocurus bicornis* (Blackman), *Hylocurus bimodatus* Wood, *Hylocurus harnedi* (Blackman), *Hylocurus prolatus* Wood, *Hylocurus rudis* (LeConte), *Hylocurus spadix* Blackman, *Hylocurus torosus* Wood, *Hypothecenus crudiae* (Panzer), *Hypothecenus cruditis* Westwood, *Hypothecenus interstitialis* (Hopkins), *Hypothecenus seriatus* (Eichhoff), *Micracisella opacicollis* (LeConte), *Monarthrum fasciatum* (Say), *Platypus compositus* Say, *Pseudopityophthorus minutissimus* (Zimmermann), *Pseudothysanoes dislocatus* (Blackman), *Scolytus quadrispinosus* Say, *Thysanoes fimbriicornis* LeConte, *Thysanoes lobdelli* Blackman, *Thysanoes pallens* Wood, *Trischidioides atomus* (Hopkins), *Xyleborus celsus* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus sayi* (Hopkins), *Xylosandrus germanus* (Blandford), *Xyloterinus politus* (Say).

Caryota spp.

Xylosandrus crassiusculus (Motschulsky).

Caryota urens

Eucallacea fornicatus (Eichhoff).

Casearia congensis

Platypus internedius (Schedl), *Platypus orientalis* (Strohmeyer), *Platypus spinulosus* (Strohmeyer), *Xyleborus alluaudi* Schauffuss, *Xyleborus picus* (Motschulsky).

Casearia glomerata

Eucallacea sibsagaricus (Eggers), *Eucallacea velatus* (Sampson), *Eucallacea wallacei* (Blandford).

Casearia spp.

Hylesinus caseariae Wood.

Casimirou spp.

Xylosandrus compactus (Eichhoff).

Cassia alata

Eucallacea fornicatus (Eichhoff).

Cassia didymobotrya

Xyleborus alluaudi Schauffuss, *Xyleborus picus* (Motschulsky).

Cassia fistula

Crossotarsus externedentatus (Fairmaire), *Dryocoetoides cristatus* (Fabricius), *Dryocoetoides pseudosolitarium* (Eggers), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus nuncus* (Blandford).

Cassia florida

Hypothecenus birmanus (Eichhoff).

Cassia glauca

Hypothecenus seriatus (Eichhoff).

Cassia grandis

Coccotrypes carpophagus (Hommg).

Cassia javanica

Cryphalus capucinus Schedl, *Platypus genuinatus* Chapuis.

Cassia laevigata

Ambrosiodmus acgir (Eggers).

Cassia lindheimeriana

Chramesus mimosae Blackman.

Cassia multijuga

Xylosandrus compactus (Eichhoff), *Xylosandrus discolor* (Blandford), *Xylosandrus morigerus* (Blandford).

Cassia nodosa

Crossotarsus externedentatus (Fairmaire), *Hypothecenus crudiae* (Panzer).

Cassia parkii

Hypothecenus morio (Eggers).

Cassia siamea

Ambrosiodmus bostrichoides (Schedl), *Cyclorhpidion crucifer* (Hagedorn), *Doliopygus chapuisi* (Duvivier), *Doliopygus perminutissimus* (Schedl), *Eucallacea fornicatus* (Eichhoff), *Hypothecenus biseriatus* (Eggers), *Hypothecenus cruditus* Westwood, *Hypothecenus milongensis* (Eggers), *Platypus compositus* Say, *Platypus pseudocupulatus* Schedl, *Premnobius cortihyloides* Hagedorn, *Premnobius longus* Eggers, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus picus* (Motschulsky), *Xyleborus volubus* (Fabricius), *Xylosandrus compactus* (Eichhoff), *Xylosandrus germanus* (Blandford).

Cassia spp.

Acanthotomicus euphorbiae (Schedl), *Crossotarsus externedentatus* (Fairmaire), *Doliopygus malini* Schedl, *Hypothecenus glabripennis* (Hopkins), *Hypothecenus opacus* (Eichhoff), *Premnobius caripennis* Eichhoff, *Pseudothysanoes concentratus* Wood, *Pseudoxylechinus rugatus* Wood & Huang, *Xyleborus horridus* Eichhoff, *Xylosandrus compactus* (Eichhoff).

Cassia tora

Xylosandrus compactus (Eichhoff).

Cassiinae spp.

Lamurgus spatulatus Schedl, *Lamurgus xylographus* Schedl.

Cassipourea eliottii

Doliopygus ghesquieri (Schedl), *Platypus orientalis* (Strohmeyer).

Cassipourea gummiflua

Platypus sampsoni (Schedl).

Cassipourea spp.

Doliopygus nairobiensis (Schedl), *Platypus madagascariensis* Chapuis, *Platypus pennatus* Schedl, *Scolytopylatypus kivuensis* Schedl, *Xyleborinus aduncus* (Schedl), *Xyleborinus signalipennis* (Schedl), *Xylosandrus hirsutipennis* (Schedl).

Castanea argentea

Arixyleborus castaneae Schedl, *Baiocis perinimicus* (Schedl), *Coptodryas myristicae* (Schedl), *Crossotarsus nitidulus* (Schedl), *Crossotarsus terminatus* Chapuis, *Diapys quinquispinatus* Chapuis, *Hadrodemius globus* (Blandford), *Platypus fraterculus* Schedl, *Platypus sexporus* (Schedl), *Platypus tenuissimus* Schedl, *Xyleborus cancellatus* Eggers, *Xyleborus emarginatus* Eichhoff, *Xyleborus fallax* Eichhoff, *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus morigerus* (Blandford).

Castanea crenata

Ambrosiodmus apicalis (Blandford), *Ambrosiodmus rubricollis* (Eichhoff), *Crossotarsus niponicus* Blandford, *Eucallacea validus* (Eichhoff), *Platypus calamus* Blandford, *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus ashuncis* Murayama, *Xyleborus ganshoensis* Murayama, *Xyleborus lactus* Niisima, *Xyleborus shionomisakiensis* Murayama, *Xyleborus volubus* (Fabricius), *Xylosandrus germanus* (Blandford).

Castanea dentata

Ambrosiodmus obliquus (LeConte), *Ambrosiodmus tachygraphus* (Zimmermann), *Corthylus columbianus* Hopkins, *Hylocurus rudis* (LeConte), *Hylocurus torosus* Wood, *Micracisella opacicollis* (LeConte), *Monarthrum fasciatum* (Say), *Pseudopityophthorus asperulus* (LeConte), *Pseudopityophthorus pubescens* Blackman, *Pseudothysanoes lecontei* Blackman, *Trischidioides atomus* (Hopkins).

Castanea jaramica

Baiois perminicus (Schedl), *Diapus aculeatus* Blandford, *Diapus minor* Schedl, *Leptoxyleborus semi-granulatus* (Schedl), *Platypus sexporus* (Schedl), *Platypus strigillatus* Schedl, *Xylosandrus crassiusculus* (Motschulsky).

Castanea pubinervis

Neopteleobius scutulatus (Blandford), *Xyleborus colulus* (Fabricius).

Castanea pumila

Thysanoes lobdelli Blackman.

Castanea spp.

Anasa schlichii (Stebbing), *Ambrosiodmus rubricollis* (Eichhoff), *Hypothenemus eruditus* Westwood, *Platypus cylindrus* (Fabricius), *Xyleborus ferrugineus* (Fabricius), *Xyleborus pfeili* (Ratzeburg), *Xyleborus sayi* (Hopkins), *Xylosandrus mutilatus* (Blandford), *Xylosterius politus* (Say).

Castanea tungurru

Arixyleborus minor (Eggers), *Diapus aculeatus* Blandford, *Platypus sexporus* (Schedl), *Xyleborinus andreweesi* (Blandford).

Castanea vesca

Platypus cylindrus (Fabricius), *Taphrorhynchus villifrons* (Dufour), *Xyleborus dryographus* (Ratzeburg), *Xyleborus monographus* (Fabricius).

Castanopsis acuminatissima

Arixyleborus sus (Schedl), *Crossotarsus chalcographus* Schedl, *Crossotarsus terminatus* Chapuis, *Diapus bispinus* Schedl, *Diapus nanus* Schedl, *Platypus apicatus* Schedl, *Platypus circulariceps* Schedl, *Platypus opacicauda* Browne, *Platypus sulcinodis* Schedl, *Webbia quadricinctus* Schedl.

Castanopsis cuspidata

Platypus quercivorus Murayama, *Xyleborus bispinus* Nobuchi, *Xyleborus japonicus* Nobuchi, *Xyleborus kaimochii* Nobuchi, *Xyleborus misatoensis* Nobuchi, *Xyleborus wakayamensis* Nobuchi.

Castanopsis cuspidata sieboldii

Ambrosiodmus lewisi (Blandford), *Platypus calanus* Blandford, *Platypus quercivorus* Murayama, *Xyleborus atratus* Eichhoff, *Xyleborus scryforensis* Murayama.

Castanopsis fargesii

Scolytoplattypus superciliosus Tsai & Huang.

Castanopsis hystrix

Coccotrypes nubilis (Blandford), *Diapus quadrispinatus* Chapuis, *Diapus quinquespinatus* Chapuis, *Diapus spatulifer* Browne, *Indocryphalus intermedius* (Sampson).

Castanopsis indica

Ambrosiodmus lewisi (Blandford), *Eucallacea interjectus* (Blandford).

Castanopsis kawakamii

Platypus taiheizanensis (Murayama).

Castanopsis megacarpa

Arixyleborus leprosulus Schedl.

Castanopsis spp.

Anasa schlichii (Stebbing), *Ambrosiodmus apicalis* (Blandford), *Arixyleborus cavaliculatus* (Eggers), *Arixyleborus granifer* (Eichhoff), *Arixyleborus granulifer* (Eggers), *Coccotrypes longior* (Eggers), *Coptoborus bicuspis* (Eggers), *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Cryphalus longior* Browne, *Cyclorhipidion agnatum* (Eggers), *Cyclorhipidion circumcisum* (Sampson), *Cyrtogenius gracillimus* Wood, *Diapus amblylaminatus* Roberts, *Diapus bilunatus* Schedl, *Diapus latespinis* Schedl, *Diapus nanodoutus* Roberts, *Diapus nanus* Schedl, *Diapus neb-*

ulosus Roberts, *Diapus papuanus* Schedl, *Diapus perpygmaeus* Roberts, *Diapus pusillimus* Chapuis, *Diapus robustus* Schedl, *Diapus turgidus* Roberts, *Diapus unispinus* Roberts, *Hydellus tuberculatus* (Browne), *Leptoxyleborus depressus* (Eggers), *Leptoxyleborus scabrior* (Schedl), *Platypus cognatus* Roberts, *Platypus decens* Sampson, *Platypus platypoides* (Browne), *Platypus pseudocupulatus* Schedl, *Platypus quercivorus* Murayama, *Platypus sepaloideus* Roberts, *Scolytogenes bicolor* (Browne), *Xyleborus armiger* Schedl, *Xyleborus arnipennis* Schedl, *Xyleborus brevicollis* Browne, *Xyleborus emarginatus* Eichhoff, *Xyleborus pelliculosus* Eichhoff, *Xyleborus perforans* (Wollaston), *Xyleborus seriatus* Blandford, *Xyleborus tunggali* Schedl, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford), *Xylosandrus germanus* (Blandford), *Xylosandrus morigerus* (Blandford).

Castanopsis sumatrana

Anasa schlichii (Stebbing), *Arixyleborus leprosulus* Schedl, *Arixyleborus suturalis* (Eggers), *Baiois pernanulus* (Schedl), *Cnestus aterrimus* (Eggers), *Coptoborus longicauda* (Browne), *Coptodryas ungas* (Schedl), *Crossotarsus declivioratus* (Schedl), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus longicollis* Browne, *Crossotarsus schedli* Browne, *Crossotarsus squamulatus* Chapuis, *Cyclorhipidion punctatopilosum* (Schedl), *Eccoptycterus limbus* Sampson, *Indocryphalus tropicus* (Browne), *Platypus dignus* Schedl, *Platypus pseudosolidus* Schedl, *Platypus quercivorus* Schedl, *Xyleborinus andreweesi* (Blandford), *Xyleborus latus* Eggers.

Castanopsis tribuloides

Crossotarsus externedentatus (Fairmaire), *Diapus quinquespinatus* Chapuis, *Eucallacea bicolor* (Blandford), *Platypus cactus* Strohmeier, *Platypus decens* Sampson, *Platypus lepidus* Chapuis, *Platypus solidus* Walker, *Platypus uncinatus* Blandford, *Xyleborus fallax* Eichhoff, *Xyleborus perforans* (Wollaston).

Castanospermum australe

Xyleborus perforans (Wollaston), *Xyleborus similis* Ferrari.

Castanospermum spp.

Ambrosiodmus compressus (Lea), *Platypus biuncus* Blandford, *Xyleborinus andreweesi* (Blandford).

Castilloa costaricensis

Platypus hians Chapuis.

Castilloa elastica

Xyleborus affinis Eichhoff.

Castilloa spp.

Doliopygus brevis (Strohmeier), *Doliopygus tenuis* (Strohmeier).

Casuarina cunninghamii

Xyleborus perforans (Wollaston).

Casuarina equisetifolia

Crossotarsus externedentatus (Fairmaire), *Xylosandrus crassiusculus* (Motschulsky).

Casuarina oligoderes

Platypus heteromorphus Schedl, *Platypus incertus* Schedl.

Casuarina spp.

Diapus papuanus Schedl, *Hypothenemus melasomus* (Lea), *Platypus navarrodeandradei* Marelli, *Premnobius sexspinosus* Eggers.

Catha edulis

Strombophorus flavipubens Schedl.

Catostemma spp.

Platypus tiriosensis Reichardt.

Catlella spp.

Xylosandrus compactus (Eichhoff), *Xylosandrus morigerus* (Blandford).

Cayaponia ficifolia

Dendrocraniulus barbatus Schedl., *Dendrocraniulus tajuyaensis* Schedl.

Cayaponia microdonta

Dendrocraniulus consimilis Wood, *Dendrocraniulus costaricensis* Schedl., *Dendrocraniulus diversus* Wood, *Dendrocraniulus guatemalensis* (Hopkins), *Dendrocraniulus naurus* (Blandford), *Dendrocraniulus tardus* Schedl., *Dendrocraniulus vicinus* Wood, *Hypothenemus plummeriae* (Nordlinger).

Ceanothus integerrimus

Pseudotlysianoes spinura Wood, *Stenoclyptus sulcatus* Bruck.

Ceanothus spp.

Hyllocurus hirtellus (LeConte).

Cecropia peltata

Corthylus cecropii Wood, *Platypus dentatus* Dalman, *Scolytodes cecropiarum* Wood, *Scolytodes cecropii* (Schedl.), *Scolytodes picens* (Blandford), *Tricolus cecropii* Wood, *Xyleborus affinis* Eichhoff.

Cecropia spp.

Araptus costaricensis (Schedl.), *Claramesus cecropiae* Wood, *Corthyrycton tardum* Wood, *Corthylus namus* Wood, *Corthylus strigilis* Wood, *Hypothenemus seriatus* (Eichhoff), *Hypothenemus setosus* (Eichhoff), *Hypothenemus suspectus* Wood, *Hypothenemus tertis* Wood, *Scolytodes acarus* Wood, *Scolytodes anceps* Wood, *Scolytodes blandfordi* (Schedl.), *Scolytodes cecropicolus* Wood, *Scolytodes chapuisi* Wood, *Scolytodes festus* Wood, *Scolytodes glabrescens* Wood, *Scolytodes jucundus* Wood, *Scolytodes naurus* (Blandford), *Scolytodes parvulus* Wood, *Scolytodes perditus* Wood, *Scolytodes saturalis* Wood, *Theoborus incultus* (Wood), *Tricolus intrusus* Wood, *Tricolus nodifer* Blandford, *Xyleborinus tribuloides* Wood, *Xyleborus spinulosus* Blandford.

Cedrela fissilis

Ambrosiodinus catharinensis (Eggers), *Monarthrum bicallosum* (Schedl.), *Platypus pulicaris* Chapuis, *Platypus quadrispinatus* Chapuis, *Tesserocerus guerini* Chapuis, *Tesserocerus insignis* (Saunders), *Xyleborinus gracilis* (Eichhoff), *Xyleborinus opimus* (Schedl.), *Xyleborinus scotus* (Eichhoff), *Xylosandrus retusus* (Eichhoff).

Cedrela mexicana

Ambrosiodinus devexulus (Wood), *Ambrosiodinus hagedornii* (Aglasias), *Ambrosiodinus lecontei* Hopkins, *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Phloeotribus setulosus* Eichhoff, *Platypus chunus* Wood, *Platypus hintzi* Schaufuss, *Pycnarthrum lucidum* Wood, *Scolytodes cedrelae* Wood, *Xyleborus colvulus* (Fabricius).

Cedrela odorata

Crossotarsus externedentatus (Fairmaire), *Doliopygus chapuisi* (Duvivier).

Cedrela serrata

Carchesiopygus psilanthurus (Beeson), *Crossotarsus musoorensis* Beeson, *Crossotarsus wilmoti* (Stebbing).

Cedrela spp.

Camptocerus auricomus Blandford, *Dendrocraniulus brasiliensis* (Schedl.), *Mitosoma lobatum* Schedl., *Mitosoma obliquatum* Schedl., *Mitosoma obconiceps* Schedl., *Scolytodes swicetiae* (Blackman), *Xyleborus affinis*

Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus colvulus* (Fabricius), *Xylosandrus morigerus* (Blandford).

Cedrela toona

Platypus parallelus (Fabricius), *Platypus uncinatus* Blandford, *Xyleborus perforans* (Wollaston), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford).

Cedrela toona australis

Xyleborus perforans (Wollaston).

Cedrus amarga

Tesserocerus beltii Sharp.

Cedrus atlantica

Hylurgops batavicus (Brisout), *Hylurgops bonvouloiri* (Chapuis).

Cedrus deodara

Crossotarsus coniferac Stebbing, *Crossotarsus fairmairei* Chapuis, *Crossotarsus wilmoti* (Stebbing), *Crypturgus beesonii* Eggers, *Crypturgus pusillus* (Gyllenhal), *Diapus quadrispinatus* Chapuis, *Diapus quinquespinatus* Chapuis, *Ips stebbingi* Strohmeyer, *Pityogenes scitus* Blandford, *Pityophthorus cedri* Wood, *Pityophthorus deodara* (Stebbing), *Polygraphus aterrimus* Strohmeyer, *Polygraphus major* Stebbing, *Polygraphus pini* Stebbing, *Scolytoplatypus raja* Blandford, *Scolytoplatypus siomio* Blandford, *Scolytus major* Stebbing.

Cedrus libani

Crypturgus pusillus (Gyllenhal), *Phloeosinus acatayi* Schedl.

Cedrus libanotica

Caryphoborus nainimus (Fabricius), *Crypturgus mundicus* Ferrari, *Ips robustus* (Knotek), *Phloeosinus acatayi* Schedl.

Cedrus spp.

Hylurgops glabratus (Zetterstedt), *Hylurgops palliatus* (Gyllenhal), *Scolytoplatypus fasciatus* Hagedorn, *Trypodendron lineatum* (Olivier).

Ceiba pentandra

Chaetastus tuberculatus (Chapuis), *Doliopygus serratus* (Strohmeyer), *Hypothenemus eruditus* Westwood, *Platypus hintzi* Schaufuss, *Xylosandrus crassiusculus* (Motschulsky).

Ceiba spp.

Doliopygus dubius (Sampson), *Hypothenemus ceiba* Hopkins, *Scolytodes retifer* Wood.

Ceiba thomningii

Doliopygus conradti (Strohmeyer), *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Xyleborus ferrugineus* (Fabricius), *Xyleborus colvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Celtis adolfi-frederici

Doliopygus retusus Schedl., *Doliopygus serratus* (Strohmeyer), *Platypus internedius* (Schedl.), *Trachyostus aterrimus* (Schaufuss).

Celtis africana

Strombophorus capensis Schedl.

Celtis brieji

Chaetastus tuberculatus (Chapuis), *Chaetastus camerunus* Schaufuss, *Doliopygus artemisatus* (Schedl.), *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus ghesquieri* (Schedl.), *Doliopygus jurioni* Schedl., *Doliopygus lebruni* Schedl., *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl.), *Doliopygus serratus* (Strohmeyer), *Doliopygus subdolosus* Schedl., *Hypothenemus pubipennis* (Eggers), *Periommatius circularis* Schedl., *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl., *Platy-*

pus hintzi Schaufuss, *Platypus intermedius* (Schedl), *Platypus solutus* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborinus spinipes* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus subtuberculatus* Eggers.

Celtis brownii

Doliopygus conradti (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Periommatius grandis* Schedl, *Periommatius longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus picus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).

Celtis durandii

Chaetastus tuberculatus (Chapuis), *Strombophorus celtis* Schedl, *Xyleborus alluaudi* Schaufuss.

Celtis iguanae

Chramesus orinocensis Wood, *Chramesus subopacus* Schaeffer, *Hypothenemus braunius* (Hopkins), *Micracis festinus* Wood, *Micracis sucinui* Blackman, *Phloeotribus opimus* Wood, *Phloeotribus setulosus* Eichhoff, *Phloeotribus texanus* Schaeffer, *Pseudothysanoes subpilosus* (Wood).

Celtis kraussiana

Strombophorus celtis Schedl.

Celtis laevigata

Hylocurus parkinsoniae Blackman, *Hypothenemus brunneus* (Hopkins), *Hypothenemus eruditus* Westwood, *Phloeotribus texanus* Schaeffer.

Celtis luzonica

Xylosandrus crassiusculus (Motschulsky), *Xylosandrus usulus* (Eggers).

Celtis mildbraedii

Ambrosiodinus opacithorax (Schedl), *Chaetastus tuberculatus* (Chapuis), *Cyclorhpidion crucipenne* (Schedl), *Doliopygus artespinatus* (Schedl), *Doliopygus brevis* (Strohmeyer), *Doliopygus chapuisi* (Duvivier), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus exilis* (Chapuis), *Doliopygus ghesquieri* (Schedl), *Doliopygus lebrunii* Schedl, *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus minutissimus* (Schedl), *Doliopygus propinquus* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus subdolosus* Schedl, *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicoloris* Schedl, *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl, *Periommatius longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Platypus solutus* Schedl, *Premnobius ambitiosus* (Schaufuss), *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus consobrinus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus picus* (Motschulsky), *Xyleborus colvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Celtis mississippiensis

Hypothenemus eruditus Westwood.

Celtis occidentalis

Chramesus chapuisi LeConte, *Phloeotribus dentifrons* (Blackman), *Phloeotribus frontalis* (Olivier), *Scolytus muticus* Say.

Celtis pallida

Hylocurus langstoni Blackman, *Hypothenemus sparsus* Hopkins.

Celtis sinensis

Cryphalus exiguus Blandford, *Eucallacca validus* (Eichhoff).

Celtis soyauxii

Chaetastus tuberculatus (Chapuis), *Dactylipalpus cancrinus* Hagedorn, *Doliopygus bidentatus* (Strohmeyer), *Doliopygus conradti* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus exilis* (Chapuis), *Doliopygus medius* Schedl, *Doliopygus serratus* (Strohmeyer), *Hypothenemus eruditus* Westwood, *Mesoplatypus ventricornis* Schedl, *Mesoplatypus venustus* Schedl, *Periommatius hispinus* Strohmeyer, *Periommatius grandis* Schedl, *Periommatius longicollis* Chapuis, *Platypus solutus* Schedl, *Premnobius ambitiosus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius).

Celtis spp.

Ambrosiodinus albizzianus (Schedl), *Ambrosiodinus eichhoffi* (Schreiner), *Ambrosiodinus obliquus* (LeConte), *Chramesus chapuisi* LeConte, *Chramesus subopacus* Schaeffer, *Coptoborus usagarius* (Eggers), *Cyclorhpidion crucifer* (Hagedorn), *Cyclorhpidion crucipenne* (Schedl), *Cylindropalpus sulcatus* Browne, *Diamerus impar* Chapuis, *Diapus pusillimus* Chapuis, *Doliopygus coelocephalus* (Schaufuss), *Doliopygus mimicus* (Schedl), *Doliopygus perbrevis* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus unicus* (Schedl), *Hylocurus langstoni* Blackman, *Hylocurus torosus* Wood, *Phloeotribus dentifrons* (Blackman), *Periommatius grandis* Schedl, *Platypus lesimiformis* Roberts, *Platypus solidus* Walker, *Premnobius caripensis* Eichhoff, *Premnobius sexspinosus* Eggers, *Pseudothysanoes lecontei* Blackman, *Scolytogenes onynganus* (Schedl), *Scolytoplatus kiruensis* Schedl, *Scolytus fagi* Walsh, *Thysanoes fimbriicornis* LeConte, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus spinipes* (Schedl), *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus dispar* (Fabricius), *Xyleborus pseudoambasius* Schedl.

Celtis wrightia

Crossotarsus javanus Beeson.

Celtis zenkerii

Ambrosiodinus camphorae (Hagedorn), *Chaetastus tuberculatus* (Chapuis), *Cyclorhpidion subcipenne* (Eggers), *Cyclorhpidion teeleae* (Schedl), *Doliopygus artespinatus* (Schedl), *Doliopygus conradti* (Strohmeyer), *Periommatius excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Rhopalopselion conjungens* Schedl, *Strombophorus ericinus* (Schaufuss), *Trachyostus aterrimus* (Schaufuss), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus consobrinus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus picus* (Motschulsky), *Xyleborus subtuberculatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

Centrosema plumieri

Hypothenemus eruditus Westwood, *Xylosandrus morigerus* (Blandford).

Cephalosphaera usambariensis

Doliopygus bidentatus (Strohmeyer), *Platypus hintzi* Schaufuss.

- Cerasus arium*
Platypus cylindrus (Fabricius).
- Ceratonia siliqua**
Platypus solidus Walker, *Taphrorhynchus ceratoniae* Peyerimhoff.
- Ceratonia spp.**
Araptus hymenacae (Eggers).
- Ceratopetalum succirubrum**
Platypus australis Chapuis.
- Cerbera manghas**
Scolytogenes grandatus (Wood).
- Cerbera odollum**
Platypus viticensis Roberts.
- Cercidiphyllum japonicum**
Neopteleobius scutulatus (Blandford), *Platypus modestus* Blandford, *Xyleborus aquilus* Blandford.
- Cercidium microphyllum**
Chaetophloeus parkinsoniae (Blackman).
- Cercidium spp.**
Hyllocurus parkinsoniae Blackman.
- Cercis canadensis**
Hypothecemus eruditus Westwood, *Hypothecemus interstitialis* (Hopkins), *Hypothecemus rotundicollis* (Eichhoff), *Micracis suturalis* LeConte, *Micracis swainii* Blackman, *Pityophthorus laetus* Eichhoff.
- Cercis siliquastrum**
Carphoborus perrisi (Chapuis).
- Cercis spp.**
Ambrosiodmus rubricollis (Eichhoff), *Ambrosiodmus tachygraphus* (Zimmermann).
- Cercocarpus spp.**
Chaetophloeus heterodoxus (Casey), *Cortylus punctatissimus* (Zimmermann).
- Cereus spp.**
Cactopinus cactophthorus Wood, *Cactopinus carinatus* Wood, *Cactopinus granulifer* Wood, *Cactopinus microcornis* Wood, *Cactopinus nasutus* Wood, *Cactopinus niger* Wood.
- Ceriops candolleana**
Coccotrypes fallax (Eggers).
- Cespedesia macrophylla**
Cnemidox fuscescens Wood, *Xyleborinus diris* Wood, *Xyleborus affinis* Eichhoff.
- Cestrum scandens**
Chramesis bicolor Wood, *Scolytogenes parvatis* (Wood), *Stegomerus pygmaeus* Wood.
- Cestrum spp.**
Xylosandrus compactus (Eichhoff).
- Chaetacme spp.**
Doliopygus excavatus (Sampson).
- Chamaecyparis formosanus**
Phloecosinus arisanus Niisima.
- Chamaecyparis nootkatensis**
Phloecosinus cupressi Hopkins, *Phloecosinus keeni* Blackman, *Phloecosinus punctatus* LeConte, *Phloecosinus sequoiae* Hopkins.
- Chamaecyparis obtusa**
Cryphalus chamaecypariae Niisima, *Euwallacca validus* (Eichhoff), *Phloecosinus gifuensis* Murayama, *Phloecosinus rudis* Blandford, *Phloecosinus sannohensis* Murayama, *Phloecosinus seriatus* Blandford, *Xyleborinus saxensis* (Ratzeburg), *Xyleborus aquilus* Blandford, *Xyleborus pfeili* (Ratzeburg), *Xylosandrus germanus* (Blandford).
- Chamaecyparis spp.**
Phloecosinus lowii Chapuis, *Phloecosinus perlatus* Cha-
- puis, *Phloecosinus thujae* (Perris), *Xyleborus seriatus* Blandford.
- Chamaecyparis thyoides**
Phloecosinus dentatus (Say).
- Chamaedorea spp.**
Coccotrypes dactyliperda (Fabricius).
- Chamerops excelsa**
Coccotrypes dactyliperda (Fabricius).
- Chamerops gracilis**
Coccotrypes dactyliperda (Fabricius).
- Chamerops humilis**
Coccotrypes dactyliperda (Fabricius).
- Chamerops spp.**
Coccotrypes dactyliperda (Fabricius).
- Chaetocarpus echinocarpus**
Xyleborus parcellus Wood.
- Cheirodendron spp.**
Xyleborus hawaiiensis Perkins, *Xyleborus liliuaka* Samuelson, *Xyleborus kauaiensis* Perkins, *Xyleborus pele* Samuelson, *Xyleborus temetivicus* Beeson.
- Cheirodendron trigynum**
Xyleborus mauiensis Perkins, *Xyleborus molokaiensis* Perkins.
- Chenopodium ambrosioides**
Cryptocarenum seriatus Eggers.
- Chenopodium spp.**
Euwallacca xanthopus (Eichhoff), *Xyleborus principalis* Eichhoff.
- Chisocheton glomeratus**
Leptoxyleborus concisus (Blandford).
- Chlorocodon ichiteii**
Mimioecurus congonus (Schedl).
- Chlorophora excelsa**
Chaetastus tuberculatus (Chapuis), *Cyclorhpidion crucipenne* (Schedl), *Cylindropalpus laudatus* (Schedl), *Cyrtogenius chlorophorae* (Schedl), *Doliopygus conradti* (Strohmeyer), *Doliopygus erichsonii* (Chapuis), *Doliopygus ghesquierci* (Schedl), *Doliopygus lateralis* Schedl, *Doliopygus lebrunii* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Euwallacca fornicatus* (Eichhoff), *Hypothecemus biseriatus* (Eggers), *Periommatus angustior* Schedl, *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Periommatus nitidicollis* Strohmeyer, *Platypus lintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Platypus parallelus* (Fabricius), *Trachlyostus schaufussi* (Strohmeyer), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus consobrinus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus picus* (Motschulsky), *Xyleborus subtuberculatus* Eggers, *Xyleborus volcenus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).
- Chloroxylon sicetenia**
Cnestus magnus Sampson, *Platypus solidus* Walker, *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford).
- Chomelia spp.**
Euwallacca xanthopus (Eichhoff), *Platypus orientalis* (Strohmeyer).
- Chrysalidocarpus spp.**
Coccotrypes carpophagus (Hornung).
- Chrysobalanus spp.**
Xylosandrus zimmermanni (Hopkins).

Chrysolepsis spp.

Monarthrum scutellare (LeConte).

Chrysophyllum africanum

Coccotrypes rotundicollis (Eggers), *Cylindropalpus interpositus* (Schedl), *Cylindropalpus pumilio* (Schedl), *Cylindropalpus pusillus* (Schedl), *Doliopygus bidentatus* (Strohmeyer), *Doliopygus couradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus lebruni* Schedl, *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus subditicus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Periommatius grandis* Schedl, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Platypus spinulosus* (Strohmeyer), *Polygraphus ruandae* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ficus* Eggers.

Chrysophyllum albidum

Chaetastus tuberculatus (Chapuis), *Cylindropalpus auricomans* (Schaufuss), *Doliopygus couradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Periommatius grandis* Schedl, *Periommatius longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Xyloctonus quadricinctus* Schedl.

Chrysophyllum boiviniannum

Mitosoma accuratum Schaufuss, *Mitosoma excisum* Schaufuss, *Mitosoma obliquatum* Schedl, *Mitosoma paulianum* Schedl, *Platypus madagascariensis* Chapuis, *Xyleborinus diapiformis* (Schedl), *Xyleborinus foeniculoides* (Schedl), *Xyleborinus spiculatus* (Schaufuss), *Xyleborinus spinosus* (Schaufuss), *Xyleborus alluaudi* Schaufuss, *Xyleborus antaisaka* Schedl.

Chrysophyllum lacourtianum

Cylindropalpus camerunus (Schedl), *Cylindropalpus interpositus* (Schedl), *Cylindropalpus pumilio* (Schedl), *Doliopygus citri* Schedl, *Doliopygus couradti* (Strohmeyer), *Doliopygus donisi* Schedl, *Doliopygus dubius* (Sampson), *Doliopygus fulgens* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Hypothenemus ater* (Eggers), *Periommatius excisus* Strohmeyer, *Platypus intermedius* (Schedl), *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Triozastus marshalli* (Sampson).

Chrysophyllum ludovicianum

Dactylipalpus camerunus Hagedorn, *Hypothenemus biseriatus* (Eggers), *Xyleborus africanus* Eggers.

Chrysophyllum metallicum

Cylindropalpus affinis Strohmeyer.

Chrysophyllum natalensis

Cylindropalpus affinis Strohmeyer.

Chrysophyllum perpulchrum

Cylindropalpus affinis Strohmeyer, *Cylindropalpus pumilio* (Schedl), *Xyleborus ambasiusculus* Eggers.

Chrysophyllum pruniferum

Chaetastus tuberculatus (Chapuis), *Cylindropalpus interpositus* (Schedl), *Doliopygus couradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus ghesquieri* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus maynei* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus unicomis* Schedl, *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl, *Periommatius*

longicollis Chapuis, *Platypus hintzi* Schaufuss, *Platypus schenklingi* (Strohmeyer), *Trachyostus aterrimus* (Schaufuss), *Xyleborus affinis* Eichhoff, *Xyleborus multispinatus* Eggers, *Xyleborus calceus* (Fabricius).

Chrysophyllum roxburghii

Coptodryas alpha (Beeson), *Coptodryas chrysophylli* (Eggers), *Coptodryas perparva* (Sampson), *Platypus forficula* Chapuis, *Platypus pseudocupulatus* Schedl.

Chrysophyllum spp.

Cylindropalpus auricomans (Schaufuss), *Cylindropalpus granulatus* (Schedl), *Cylindropalpus pertinax* (Schedl), *Dactylipalpus grouellei* (Blandford), *Doliopygus retusus* Schedl, *Hypothenemus camerunus* (Eggers), *Prumnobius caipennis* Eichhoff, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyloctonus opacus* Schedl, *Xylosandrus crassiusculus* (Motschulsky).

Chrysophyllum subnudum

Xyleborus alluaudi Schaufuss.

Cicer arietinum

Araptus hymenacae (Eggers).

Cillaeus contractus

Strombophorus vagans Schedl.

Cinchona calisaya

Eucallacea fornicatus (Eichhoff).

Cinchona ledgeriana

Ambrosiodinus aegir (Eggers), *Crossotarsus horri* Schedl, *Eccoptopterus spinosus* (Olivier), *Eucallacea xanthopus* (Eichhoff), *Hylesinopsis seriatus* (Eggers), *Rhopalosiphon congonum* (Schedl), *Scolytotplatypus hova* Schaufuss, *Xyleborus principalis* Eichhoff, *Xyleborinus quadrispinosus* (Eichhoff).

Cinchona spp.

Arixyleborus tuberculatus (Eggers), *Cnestus aterrimus* (Eggers), *Cnestus bicornis* (Eggers), *Coptoborus usagariensis* (Eggers), *Eucallacea xanthopus* (Eichhoff), *Leptoxyleborus concisus* (Blandford), *Scolytotplatypus nitidus* Eggers, *Scolytotplatypus perminis* Schaufuss, *Xyleborinus andrewesi* (Blandford), *Xyleborinus collarti* (Eggers), *Xyleborus emarginatus* Eichhoff, *Xyleborus mucronatus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus morigerus* (Blandford).

Cinchona succirubra

Ambrosiodinus camphorae (Hagedorn), *Platypus madagascariensis* Chapuis, *Scolytotplatypus hova* Schaufuss, *Xyleborinus aduncus* (Schedl), *Xyleborinus quadrispinosus* (Eichhoff), *Xyleborus malgasicus* Schedl.

Cinnamomum baileyianum

Xyleborus perforans (Wollaston).

Cinnamomum camphora

Ambrosiodinus lewisi (Blandford), *Arixyleborus camphorae* (Eggers), *Baioicis perinimicus* (Schedl), *Cnestus murayamai* Schedl, *Coptodryas izuensis* (Murayama), *Crossotarsus externocentatus* (Fairmaire), *Diapus minor* Schedl, *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Leptoxyleborus semigranulatus* (Schedl), *Phloeosinus camphoratus* Tsai & Yin, *Phloeosinus kumamotoensis* Murayama, *Phloeosinus machilus* (Schedl), *Phloeosinus seriatus* Blandford, *Platypus fraterculus* Schedl, *Platypus substriatus* (Schedl), *Platypus vethi* Strohmeyer, *Scolytotplatypus mikado* Blandford, *Taphroxychus taradakensis* (Murayama), *Xyleborus atratus* Eichhoff, *Xyleborus clerodendronae* Schedl, *Xyleborus kumamotoensis* Murayama, *Xyleborus magnus* Niisima, *Xyleborus perforans* (Wollaston), *Xylosandrus compactus* (Eichhoff), *Xylosandrus*

- crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford), *Xylosandrus mutilatus* (Blandford).
- Cinnamomum cecicodaphne**
Crossotarsus cinnamomi Beeson, *Crossotarsus squamulatus* Chapuis, *Hadrodemius pseudocomans* (Eggers), *Xylosandrus graticidus* (Blandford).
- Cinnamomum impressinervium**
Indocryphalus machili Wood.
- Cinnamomum iners**
Cnestus aterrimus (Eggers), *Crossotarsus squamulatus* Chapuis, *Crossotarsus terminatus* Chapuis, *Xyleborinus exiguus* (Walker), *Xylosandrus compactus* (Eichhoff).
- Cinnamomum japonicum**
Indocryphalus pubipennis (Blandford), *Xylosandrus brevis* (Eichhoff).
- Cinnamomum mairei**
Anasa amputatus (Blandford).
- Cinnamomum obtusifolium**
Ambrosiodinus lewisi (Blandford), *Sucus niisimai* (Eggers), *Xylosandrus subsimilis* (Eggers).
- Cinnamomum randiense**
Xyleborus atratus Eichhoff.
- Cinnamomum spp.**
Anasa amputatus (Blandford), *Ambrosiodinus rubricollis* (Eichhoff), *Crossotarsus rengerensis* Niisima & Murayama, *Crossotarsus squamulatus* Chapuis, *Eucallacea barbatus* (Hagedorn), *Eucallacea fornicatus* (Eichhoff), *Hadrodemius globus* (Blandford), *Platypus capito* Browne, *Platypus secretus* Sampson, *Platypus semigranosus* (Sampson), *Platypus solidus* Walker, *Platypus strinus* Schedl, *Xyleborinus andrewesi* (Blandford), *Xyleborus adisticollis* (Motschulsky), *Xyleborus arctocylindrus* Schedl, *Xyleborus justus* Schedl, *Xyleborus pfeili* (Ratzeburg), *Xylosandrus arcuatus* (Sampson), *Xylosandrus ater* (Eggers), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus compactus* (Eichhoff).
- Cinnamomum zeylanicum**
Coccotrypes cinnamomi (Eggers), *Coccotrypes dactylipera* (Fabricius), *Coptodryas nudipennis* (Schedl), *Xyleborinus andrewesi* (Blandford), *Xyleborinus subgranulatus* (Eggers), *Xyleborus perforans* (Wollaston), *Xylosandrus compactus* (Eichhoff), *Xylosandrus nudipennis* (Schedl).
- Cistanthera leplaei**
Cylindropalpus auricomans (Schauffuss), *Doliopygus serratus* (Strohmeyer), *Platypus intermedius* (Schedl), *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl.
- Cistanthera papyrifera**
Doliopygus conradti (Strohmeyer), *Xyleborus africanus* Eggers.
- Cistanthera spp.**
Doliopygus conradti (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Platypus parallelus* (Fabricius), *Polygraphus kasukunbi* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xylosandrus compactus* (Eichhoff).
- Citrus aurantifolia**
Hypothenemus columbi Hopkins, *Hypothenemus scriatus* (Eichhoff), *Theobomis ricini* (Eggers).
- Citrus aurantium**
Ambrosiodinus asperatus (Blandford), *Doliopygus citri* Schedl, *Eucallacea fornicatus* (Eichhoff), *Hypothenemus eruditus* Westwood, *Xyleborus affinis* Eichhoff.
- Citrus aurantium decumana**
Xyleborus perforans (Wollaston).
- Citrus decumana**
Hypothenemus eruditus Westwood.
- Citrus grandis**
Xyleborus affinis Eichhoff.
- Citrus maxima**
Xyleborus perforans (Wollaston).
- Citrus medica limonum**
Hypothenemus eruditus Westwood.
- Citrus sinensis**
Cladoctonus interruptus (Eggers), *Xyleborus horridatus* Wood, *Xyleborus perforans* (Wollaston).
- Citrus spp.**
Ambrosiodinus obliquus (LeConte), *Crossotarsus boncomloiri* Chapuis, *Eucallacea fornicatus* (Eichhoff), *Eucallacea xanthopus* (Eichhoff), *Hypothenemus erudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus pubipennis* (Eggers), *Sucus niisimai* (Eggers), *Xyleborus ferrugineus* (Fabricius), *Xyleborus ucivai* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus spinulosus* Blandford, *Xylosandrus compactus* (Eichhoff).
- Cladrastris shikokiana**
Hylesinus costatus Blandford.
- Claoxylon polot**
Xylosandrus morigerus (Blandford).
- Clausena anisata**
Eucallacea xanthopus (Eichhoff).
- Cleistanthus polystachyus**
Phrixosoma fuscopilosa (Schedl).
- Cleistanthus spp.**
Doliopygus conradti (Strohmeyer), *Doliopygus lebruni* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus tenuis* (Strohmeyer), *Trachyostus aterrimus* (Schauffuss), *Trachyostus schaufussi* (Strohmeyer).
- Cleistocalyx spp.**
Platypus yasuyasi Roberts.
- Cleistopholis glauca**
Coccotrypes subovalis Eggers.
- Cleistopholis patens**
Acanthotomicus scindentatus (Eggers), *Chaetastus tuberculatus* (Chapuis), *Doliopygus conradti* (Strohmeyer), *Eccoopterus spinosus* (Olivier), *Platypus hintzi* Schaufuss, *Triozastus marshalli* (Sampson), *Xylosandrus compactus* (Eichhoff).
- Cleistopholis spp.**
Premnobius cavipennis Eichhoff.
- Clematis cirrhosa**
Xyleoptes binucus Reitter.
- Clematis orientalis**
Taphronurgus exul (Reitter).
- Clematis sinensis**
Thamurgus elegans Schedl, *Thamurgus granulicollis* Schedl, *Xyleoptes sidanus* (Schedl).
- Clematis spp.**
Chramesus inconspuus Wood, *Dacnophthorus clematis* (Wood), *Dacnophthorus rullus* (Wood), *Hypothenemus brunneus* (Hopkins).
- Clematis vitalba**
Xyleoptes bispinus (Duftschmidt).
- Clerodendron colebrookianum**
Eucallacea fornicatus (Eichhoff).
- Clerodendron infortunatum**
Eucallacea fornicatus (Eichhoff), *Hadrodemius metacomans* (Eggers).
- Clerodendron spp.**
Eucallacea fornicatus (Eichhoff), *Platypus solutus*

- Schedl, *Xyleborus clerodendronae* Schedl, *Xylosandrus compactus* (Eichhoff).
- Clerodendron squamatum**
Hypothenemus crudiae (Panzer).
- Clerodendron villosum**
Cnestus aterrimus (Eggers).
- Clethra barbinervis**
Crossotarsus niponicus Blandford.
- Clethra hondurensis**
Corthylys mexicanus Schedl, *Xyleborus affinis* Eichhoff.
- Cleyera japonica**
Euacallacea validus (Eichhoff), *Platypus calanus* Blandford, *Xyleborus aquilus* Blandford, *Xyleborus atratus* Eichhoff, *Xyleborus seriatus* Blandford, *Xylosandrus germanus* (Blandford).
- Cleyera spp.**
Xyleborus octiesdentatus Murayama.
- Clidemia hirta**
Xylosandrus morigerus (Blandford).
- Clidemia spp.**
Xylosandrus compactus (Eichhoff).
- Clitandra spp.**
Xyleborinus gracilipennis (Schedl).
- Clitandra staudtii**
Ctonoxylon acuminatus Schedl, *Doliopygus expletus* Schedl, *Platypus orientalis* (Strohmeyer), *Polygraphus apicalis* Schedl, *Polygraphus majusculus* Schedl, *Polygraphus ruandae* Schedl.
- Clitoria ternatea**
Hypothenemus cruditus Westwood.
- Cloaxylon spp.**
Platypus longissimus Roberts.
- Clusia flava**
Phrixosoma clusiae Wood.
- Clusia spp.**
Ambrosiodmus ocellatus (Wood), *Corthylys additus* Wood, *Corthylys diligens* Wood, *Microborus aberrans* Wichmann, *Microborus lectus* Wood, *Monarthrum bicolor* (Ferrari), *Monarthrum lobatum* (Ferrari), *Monarthrum neermanni* (Schedl), *Monarthrum vittatum* (Blandford), *Phloeotribus atavus* Wood, *Phloeotribus collaris* Chapuis, *Scolytodes caudiculus* Wood, *Scolytodes clusiacolens* Wood, *Scolytodes clusiae* Wood, *Scolytodes clusiavorus* Wood, *Scolytodes comitabilis* Wood, *Scolytodes crinalis* Wood, *Scolytodes fulmineus* Wood, *Scolytodes naevius* Wood, *Scolytodes omnimatus* Wood, *Scolytodes praeceps* Wood, *Scolytodes proximus* Wood, *Scolytodes tardus* Wood.
- Clytastoma biatum**
Cnesinus setulosus Blandford.
- Coccoceras muticum**
Crossotarsus schadli Browne, *Crossotarsus squamulatus* Chapuis, *Platypus lunifer* Schedl.
- Coccoceras spp.**
Crossotarsus cinctimatus Chapuis.
- Coccoloba laurifolia**
Cnesinus strigicollis LeConte, *Hypothenemus cruditus* Westwood.
- Coccothriax alta**
Hypothenemus seriatus (Eichhoff).
- Coccothriax argentea**
Coccotrypes carpophagus (Hornung).
- Coccothriax spp.**
Coccotrypes dactyliperda (Fabricius), *Coccotrypes distinctus* (Motschulsky).
- Cochlospermum gossypium**
Platypus uncinatus Blandford.
- Cocos australis**
Coccotrypes circumdatus Fonseca.
- Cocos nucifera**
Platypus jansoni Chapuis, *Platypus solidus* Walker, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus rohulus* (Fabricius), *Xylosandrus morigerus* (Blandford).
- Cocos plumosa**
Coccotrypes dactyliperda (Fabricius).
- Cocos romanzoffiana**
Coccotrypes dactyliperda (Fabricius).
- Cocos spp.**
Coccotrypes dactyliperda (Fabricius).
- Coelocaryon preussii**
Chaestatus tuberculatus (Chapuis), *Platypus parallelus* (Fabricius), *Xyleborus alluandi* Schauffuss, *Xylosandrus crassiusculus* (Motschulsky).
- Coelocaryon spp.**
Mesoplatypus tenuis Schedl, *Premnobius caripennis* Eichhoff.
- Coelostegia griffithii**
Platypus cupilatus Chapuis.
- Coffea arabica**
Cnesinus adusticus Wood, *Cnesinus coffeae* Schedl, *Cnesinus gracilis* Blandford, *Cnesinus meris* Wood, *Cnesinus robai* Blackman, *Hylocerus elegans* Eichhoff, *Hypothenemus hampei* (Ferrari), *Hypothenemus opacus* (Eichhoff), *Monarthrum exornatum* (Schedl), *Phloeoborus punctatorugosus* Chapuis, *Xyleborus ferox* Blandford, *Xylosandrus compactus* (Eichhoff), *Xylosandrus discolor* (Blandford), *Xylosandrus morigerus* (Blandford).
- Coffea bukobensis**
Hypothenemus seriatus (Eichhoff), *Xylosandrus compactus* (Eichhoff).
- Coffea canephora**
Xylosandrus compactus (Eichhoff).
- Coffea canephora robusta**
Xylosandrus morigerus (Blandford).
- Coffea excelsa**
Xylosandrus morigerus (Blandford).
- Coffea hybrida**
Dryococtiops coffeae (Eggers), *Xylosandrus morigerus* (Blandford).
- Coffea laurentii**
Xylosandrus discolor (Blandford).
- Coffea liberica**
Coccotrypes confusus (Eggers), *Hypothenemus hampei* (Ferrari), *Xyleborus haberkorni* Eggers, *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).
- Coffea quillon**
Xylosandrus compactus (Eichhoff).
- Coffea robusta**
Cnestus bicornis (Eggers), *Cryptocarenum lepidus* Wood, *Dryococtoides cristatus* (Fabricius), *Hypothenemus cruditus* Westwood, *Hypothenemus hampei* (Ferrari), *Taurodemus perebeae* (Ferrari), *Xylosandrus compactus* (Eichhoff), *Xylosandrus discolor* (Blandford), *Xylosandrus morigerus* (Blandford).
- Coffea spp.**
Ambrosiodmus aegir (Eggers), *Ambrosiodmus lecontei* Hopkins, *Hypothenemus cruditus* Westwood, *Hypothenemus grandis* Schedl, *Hypothenemus libericensis*

(Hopkins). *Hypothenemus multidentatus* (Hopkins). *Hypothenemus plumeriacae* (Nordlinger). *Hypothenemus solitarius* (Schedl). *Xyleborus affinis* Eichhoff. *Xyleborus ferrugineus* (Fabricius). *Xyleborus luberkorni* Eggers. *Xyleborus macronatus* Eggers. *Xyleborus perforans* (Wollaston). *Xyleborus similis* Ferrari. *Xyleborus rohulii* (Fabricius). *Xylosandrus compactus* (Eichhoff). *Xylosandrus crassiusculus* (Motschulsky). *Xylosandrus discolor* (Blandford). *Xylosandrus retusus* (Eichhoff).

Coffea stenophylla

Xylosandrus compactus (Eichhoff).

Cola acuminata

Doliopygus conradti (Strohmeyer). *Doliopygus serratus* (Strohmeyer). *Miocryphalus attenuatus* (Eggers). *Xylosandrus morigerus* (Blandford).

Cola curicifolia

Rhopalopselion thompsoni Schedl. *Tiarophorus intermedius* Schedl.

Cola chlamydantha

Doliopygus conradti (Strohmeyer). *Doliopygus medius* Schedl. *Hypothenemus eruditus* Westwood. *Periommatous excisus* Strohmeyer. *Platypus hintzi* Schaufuss. *Xyleborus similans* (Eggers). *Xyleborus affinis* Eichhoff. *Xyleborus alluaudi* Schaufuss. *Xyleborus ferrugineus* (Fabricius).

Cola congolana

Doliopygus conradti (Strohmeyer). *Doliopygus tenuis* (Strohmeyer). *Hypothenemus colae* (Schedl). *Triozastus marshalli* (Sampson). *Xyleborus alluaudi* Schaufuss.

Cola diversifolia

Rhopalopselion atrum Eggers.

Cola gigantea

Doliopygus pseudoserratus Roberts. *Doliopygus punctiventris* Schedl. *Platypus hintzi* Schaufuss. *Trachyostus aterrimus* (Schaufuss).

Cola griseiflora

Doliopygus conradti (Strohmeyer). *Doliopygus dubius* (Sampson). *Doliopygus expletus* Schedl. *Doliopygus rapax* (Sampson). *Doliopygus tenuis* (Strohmeyer). *Hypothenemus colae* (Schedl). *Hypothenemus eruditus* Westwood. *Hypothenemus pubipennis* (Eggers). *Hypothenemus socialis* (Schedl). *Platypus impressus* (Strohmeyer). *Xyleborus alluaudi* Schaufuss.

Cola nitida

Cylindropalpus auricomans (Schaufuss). *Doliopygus serratus* (Strohmeyer). *Miocryphalus attenuatus* (Eggers). *Periommatous excisus* Strohmeyer. *Xyleborus barumbucensis* Eggers. *Xylosandrus compactus* (Eichhoff).

***Cola* spp.**

Arapatus politus (Blandford). *Doliopygus propinquus* Schedl. *Doliopygus serratus* (Strohmeyer).

***Coleus* spp.**

Encallacea xanthopus (Eichhoff). *Xyleborinus forficuloides* (Schedl). *Xyleborinus forficulus* (Eggers).

Colophyllum walkeri

Platypus furcatus Blandford.

Colutea arborescens

Phloeotribus brevicollis (Kolenati).

Colvillea racemosa

Platypus parallelus (Fabricius).

***Colvillea* spp.**

Encallacea fornicatus (Eichhoff).

Colydium elongatum

Xyleborinus saxeseni (Ratzeburg).

Colydium lineola

Xyleborinus saxeseni (Ratzeburg).

Combretodendron africanum

Cylindropalpus auricomans (Schaufuss). *Doliopygus lefevrei* Schedl. *Doliopygus retusus* Schedl. *Doliopygus semipilosus* (Schedl). *Xyleborus alluaudi* Schaufuss. *Xyleborus ferrugineus* (Fabricius). *Xyleborus scobinatus* Hagedorn.

Combretodendron macrophyllum

Chaetastus persimilis (Schedl). *Chaetastus tuberculatus* (Chapuis). *Coccotrypes cylindricus* (Eggers). *Cylindropalpus granulatus* (Schedl). *Doliopygus divaricus* (Schedl). *Doliopygus dubius* (Sampson). *Doliopygus erichsoni* (Chapuis). *Doliopygus ghesquieri* (Schedl). *Doliopygus medius* Schedl. *Doliopygus megatoma* Schedl. *Doliopygus retusus* Schedl. *Doliopygus rapax* (Sampson). *Doliopygus semipilosus* (Schedl). *Doliopygus serratus* (Strohmeyer). *Doliopygus tenuis* (Strohmeyer). *Doliopygus unicomis* Schedl. *Platypus hintzi* Schaufuss. *Platypus impressus* (Strohmeyer). *Platypus orientalis* (Strohmeyer). *Platypus parallelus* (Fabricius). *Trachyostus schaufussi* (Strohmeyer). *Xyleborus affinis* Eichhoff. *Xyleborus alluaudi* Schaufuss. *Xyleborus ferrugineus* (Fabricius). *Xyleborus volutus* (Fabricius).

***Combretodendron* spp.**

Ambrosiodinus tropicus (Hagedorn). *Platypus hintzi* Schaufuss. *Prennobilis caripennis* Eichhoff.

Combretum gueinzii

Xyleborus uzandacensis Schedl.

Combretum oblongum

Chaetastus tuberculatus (Chapuis). *Doliopygus coeloccephalus* (Schaufuss). *Doliopygus erichsoni* (Chapuis). *Doliopygus galeries* (Schedl). *Doliopygus ghesquieri* (Schedl). *Doliopygus lebrunii* Schedl. *Doliopygus pygmaeolus* Schedl. *Trachyostus schaufussi* (Strohmeyer).

Combretum puiculatum

Scolytiplatypus armatus Eggers.

***Combretum* spp.**

Doliopygus erichsoni (Chapuis). *Scolytus bimodus* Wood.

Commidendron robustum

Xyleborinus aenulius (Wollaston).

***Commiphora* spp.**

Mitosoma obconiceps Schedl. *Platypus madagascariensis* Chapuis.

Condalia obtusifolia

Chramesus subopacus Schaeffer. *Hylocurus parkinsoniae* Blackman. *Hypothenemus brunneus* (Hopkins). *Phloeotribus dentifrons* (Blackman). *Phloeotribus texanus* Schaeffer. *Pseudotlysanoes heliura* Wood.

***Condalia* spp.**

Chramesus subopacus Schaeffer. *Hypothenemus erectus* LeConte. *Hypothenemus sparsus* Hopkins.

Conocarpus erectus

Cnesinus setulosus Blandford. *Cryptocarenum seriatus* Eggers. *Hypothenemus jamaicus* (Eggers). *Micracisella nanula* (LeConte).

Conopharyngia durissima

Phrixosoma garciniae (Schedl). *Phrixosoma miseriatia* (Eggers). *Polygraphus tenuis* Schedl. *Xyleborus affinis* Eichhoff. *Xyleborus alluaudi* Schaufuss. *Xyleborus ferrugineus* (Fabricius). *Xyleborus picus* (Motschulsky).

Conopharyngia holzkii

Xyloctonus niger Schedl.

Conopharyngia spp.

Chaetastus tuberculatus (Chapuis), *Platypus impressus* (Strohmeyer), *Xyleborinus collarti* (Eggers).

Conostegia oerstediana

Amphicranus fastigiatus Blandford, *Corthyocylon morihum* Wood, *Corthylocurus barbatus* (Blandford), *Corthylus concisus* Wood, *Microcorthylus demissus* Wood, *Microcorthylus ocellaris* Wood, *Microcorthylus pumilus* Wood, *Monarthrum bidens* (Blandford), *Monarthrum pennatum* (Schedl), *Monarthrum proprium* Wood, *Taurodemus saltini* (Blandford), *Xyleborus meritus* Wood, *Xyleborus squamulatus* Eichhoff.

Copuifera laugsdorfii

Xyleborus parcellus Wood.

Copuifera spp.

Xyleborus spathipennis Eichhoff.

Coprosma spp.

Xylosandrus compactus (Eichhoff).

Cordia cuffra

Lamurgus podocarpi Schedl.

Cordia dichotoma

Eucallacea andamanensis (Blandford), *Xylosandrus mancus* (Blandford).

Cordia grandis

Coptodryas alpha (Beeson), *Eucallacea andamanensis* (Blandford).

Cordia millenii

Chaetastus tuberculatus (Chapuis).

Cordia myxa

Xyleborus perforans (Wollaston), *Xylosandrus mancus* (Blandford).

Cordia senegalensis

Doliopygus bulbifer Schedl.

Cordia spp.

Coptoborus pseudotenius (Schedl), *Doliopygus excavatus* (Sampson), *Doliopygus nairobiensis* (Schedl), *Hypothenemus seriatus* (Eichhoff), *Thecoborus micarius* (Wood), *Xylosandrus compactus* (Eichhoff).

Cordylie australis

Platypus apicalis (White).

Cordylie terminalis

Xyleborus ferrugineus (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus rugatus* Blackburn.

Cornus controversa

Hyporhynchus lewisi Blandford, *Pseudohyporhynchus wadai* Murayama, *Sucus niisimai* (Eggers).

Cornus florida

Hypothenemus eruditus Westwood, *Xyleborinus saxensis* (Ratzeburg), *Xylosandrus germanus* (Blandford).

Cornus macrophylla

Scolytoplastypus minimus Hagedorn, *Scolytoplastypus raja* Blandford.

Cornus spp.

Ambrosiodmus rubricollis (Eichhoff), *Corthylus punctatissimus* (Zimmermann), *Hypothenemus eruditus* Westwood, *Scolytoplastypus daimio* Blandford, *Scolytoplastypus mikado* Blandford, *Xyleborus sayi* (Hopkins), *Xylosandrus mutilatus* (Blandford).

Cornus tartarica

Hypothenemus corni Kurenzov.

Corylus avellana

Dryocoetes alni (Georg), *Lymantor aceris* (Lindemann), *Lymantor coryli* (Perris).

Corylus mandshurica

Cryphalus mandschuricus Eggers, *Xyleborus maiche* (Stark).

Corylus spp.

Corthylus punctatissimus (Zimmermann), *Cryphalus mandschuricus* Eggers, *Scolytus laevis* Chapuis, *Tiarophorus scrutator* (Pandellet).

Cossia arabica

Coccotrypes cyperi (Beeson).

Cotoneaster microphylla

Scolytus abacensis Tsai & Yin, *Scolytus nitidus* Schedl.

Cotoneaster spp.

Scolytus mali (Bechstein), *Scolytus rugulosus* (Muller), *Thamurgus orientalis* Schedl.

Cotylelobium flavum

Cenyoecerus biporus (Schedl).

Cotyneus cogyria

Chaetoptelius vestitus (Mulsant & Rey).

Couma macrocarpa

Phelloterus anxans Wood, *Platypus nudatus* Wood, *Xyleborus adlographus* Eichhoff, *Xyleborus affinis* Eichhoff, *Xyleborus asper* Eggers, *Xyleborus ferrugineus* (Fabricius).

Cowania mexicana

Chaetophloeus heterodoxus (Casey).

Craibia ellioti

Rhopalopsclion conjungens Schedl.

Crassocephalum spp.

Eucallacea xanthopus (Eichhoff).

Crataegus spp.

Cnesinus carinatus Wood, *Hypothenemus erudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Scolytus mali* (Bechstein), *Scolytus rugulosus* (Muller), *Xyleborus dispar* (Fabricius).

Craterispermum spp.

Premnobius sexspinosus Eggers.

Cratoxylon arborescens

Crossotarsus squamulatus Chapuis, *Platypus westwoodi* Chapuis.

Cratylia floribunda

Premnobius cavipennis Eichhoff, *Xyleborinus reconditus* (Schedl), *Xyleborus spathipennis* Eichhoff, *Xylosandrus retusus* (Eichhoff).

Crossandra spp.

Doliopygus integratus Roberts.

Crossostylis biflora

Xyleborus ferrugineus (Fabricius).

Crotalaria anagyroides

Xylosandrus morigerus (Blandford).

Crotalaria saltiana

Hypothenemus eruditus Westwood.

Crotalaria spp.

Corthylus collaris Blandford, *Hypothenemus eruditus* Westwood, *Hypothenemus obscurus* (Fabricius), *Xyleborus ferrugineus* (Fabricius), *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

Crotalaria striata

Eucallacea fornicatus (Eichhoff).

Crotalaria usaramoensis

Xylosandrus morigerus (Blandford).

Crotalaria spp.

Chramesus marginatus Wood, *Taurodemus perbeae* (Ferrari), *Tricolus scitulus* Wood.

Croton argyratum

Crossotarsus wallacci (Thomson).

Croton gossypifolius

Cnesinus lecontei Blandford, *Microcorthylus concisus* Wood, *Phloeotribus scutulosus* Eichhoff.

- Croton guianensis***
Phlocotribus ucladosus Wood, *Scolytodes rescidus* Wood.
- Croton haumanianus***
Chaetastus tuberculatus (Chapuis), *Doliopygus conradi* (Strohmeyer), *Doliopygus rapax* (Sampson), *Periommatatus grandis* Schedl., *Periommatatus longicollis* Chapuis, *Platypus impressus* (Strohmeyer), *Strombophorus vagans* Schedl., *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Nyleborinus gracilipennis* (Schedl.), *Nyleborus alluandi* Schaufuss, *Nyleborus ferrugineus* (Fabricius), *Nyleborus piccus* (Motschulsky).
- Croton macrostachys***
Chaetastus montanus Schedl., *Chaetastus tuberculatus* (Chapuis), *Platypus spinulosus* (Strohmeyer).
- Croton megalocarpus***
Periommatatus grandis Schedl., *Platypus spinulosus* (Strohmeyer).
- Croton nubango***
Doliopygus lefevrei Schedl.
- Croton pseudonireus***
Chramesus exul Wood, *Hyllocurus crotonis* Wood.
- Croton* spp.**
Ambrosiodmus eichhoffi (Schreiner), *Ambrosiodmus obliquus* (LeConte), *Amphiceranus acus* Wood, *Chaetastus montanus* Schedl., *Chaetastus tuberculatus* (Chapuis), *Chramesus exul* Wood, *Cucsinus equitanae* Wood, *Cucsinus lecontei* Blandford, *Cortylus abbreviatus* Eichhoff, *Doliopygus citri* Schedl., *Doliopygus perbreris* Schedl., *Doliopygus rapax* (Sampson), *Doliopygus unicus* (Schedl.), *Hypothecemus eruditus* Westwood, *Monarthrum dimidiatum* (Ferrari), *Periommatatus grandis* Schedl., *Phlocotribus demissus* Blandford, *Pityophthorus crotonis* Wood, *Platypus cupulatus* Chapuis, *Platypus impressus* (Strohmeyer), *Platypus spinulosus* (Strohmeyer), *Scolytodes habilis* Wood, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Nyleborus affinis* Eichhoff, *Nyleborus alluandi* Schaufuss, *Nyleborus ambasiusculus* Eggers, *Nylosandrus compactus* (Eichhoff).
- Croton sylvaticus***
Doliopygus erichsonii (Chapuis).
- Cryptocarya ablato***
Platypus australis Chapuis.
- Cryptocarya chinensis***
Crossotarsus rougetensis Niisima & Murayama.
- Cryptocarya erythroxylon***
Cryphalus asperidus Schedl., *Cryphalus brimblecombei* Schedl.
- Cryptocarya* spp.**
Diapys elongatus Schedl., *Diapys nanodontus* Roberts, *Diapys nanus* Schedl., *Diapys ucladosus* Roberts, *Diapys perpygmaeus* Roberts, *Diapys pusillimus* Chapuis, *Diapys robustus* Schedl., *Hylesinus cordipennis* Lea, *Platypus cchinatus* Roberts & Morimoto, *Platypus enormis* Schedl., *Platypus ramosissimus* Roberts & Morimoto, *Platypus ramulosus* Roberts & Morimoto, *Platypus sellaeformis* Roberts & Morimoto, *Platypus uniformis* Schedl., *Nyleborinus andrewesi* (Blandford), *Nylosandrus compactus* (Eichhoff).
- Cryptocarya wrighiana***
Crossotarsus bououloiri Chapuis, *Crossotarsus siva* Beeson, *Scolytoplatypus cutomoides* Blandford.
- Cryptocery* spp.**
Platypus australis Chapuis.
- Cryptolepis buchanani***
Scolytogenes darwini Eichhoff.
- Cryptomeria japonica***
Crossotarsus externedentatus (Fairmaire), *Cryphalus cryptomeriae* Niisima, *Diapys spatulifer* Browne, *Eucallacea validus* (Eichhoff), *Hypothecemus eruditus* Westwood, *Phlocosinus gifucensis* Murayama, *Phlocosinus leucisi* Chapuis, *Phlocosinus rudis* Blandford, *Phlocosinus samohensis* Murayama, *Platypus kusnukensis* Murayama, *Platypus leucisi* Blandford, *Platypus quercitoris* Murayama, *Nyleborinus saxeseni* (Ratzeburg), *Nyleborus aquilus* Blandford, *Nyleborus seriatus* Blandford, *Nylosandrus mutilatus* (Blandford).
- Cryptomeria* spp.**
Phlocosinus perlatus Chapuis.
- Cryptophagus subtrittatus***
Nyleborinus saxeseni (Ratzeburg).
- Ctenolaphou grandifolius***
Platypus signatus Chapuis.
- Cucumis* spp.**
Eucallacea fornicatus (Eichhoff).
- Cucurbita digitata***
Dendrocranulus cucurbitae (LeConte).
- Cucurbita foetidissima***
Dendrocranulus cucurbitae (LeConte).
- Cucurbita pepo***
Dendrocranulus kuansi (Hopkins).
- Cucurbita* spp.**
Dendrocranulus kuansi (Hopkins), *Dendrocranulus limbellus* Wood, *Dendrocranulus modus* Wood.
- Cudrania jarauensis***
Eucallacea interjectus (Blandford).
- Cullenia excelsa***
Coccotrypes carlamomi Schaufuss, *Coccotrypes variabilis* (Beeson), *Platypus solidus* Walker.
- Cunninghamia lanceolata***
Ambrosiodmus rubricollis (Eichhoff), *Eucallacea validus* (Eichhoff), *Phlocosinus bicolor* (Brulle), *Phlocosinus perlatus* Chapuis, *Phlocosinus sinensis* Schedl.
- Cunninghamia sinensis***
Phlocosinus perlatus Chapuis, *Phlocosinus sinensis* Schedl.
- Cupania guatemalensis***
Bothrostermus forcatus (Blackman), *Hypothecemus trivialis* Wood, *Nylosandrus zimmermanni* (Hopkins).
- Cupressus arizonica***
Phlocosinus arizonicus Blackman, *Phlocosinus baumannii* Hopkins, *Phlocosinus cristatus* (LeConte), *Phlocosinus scopulorum uconxicanus* Blackman, *Phlocosinus spinosus* Blackman.
- Cupressus benthami***
Hypothecemus eruditus Westwood, *Phlocosinus baumannii* Hopkins, *Phlocosinus tacubayae* Hopkins.
- Cupressus forbsii***
Phlocosinus cristatus (LeConte), *Phlocosinus frontalis* Bruck.
- Cupressus gadeloupeensis***
Phlocosinus frontalis Bruck.
- Cupressus lindleyi***
Carphobius pilifer Wood, *Phlocosinus baumannii* Hopkins, *Phlocosinus tacubayae* Hopkins.
- Cupressus lusitanica***
Carphobius cupressi Wood, *Chaetastus montanus* Schedl., *Hypothecemus eruditus* Westwood, *Phlocosinus*

- baumanni* Hopkins, *Phloeosinus henschi* Reitter, *Phloeosinus tacubayae* Hopkins.
- Cupressus macnabiana**
Phloeosinus hoppingi Swaine.
- Cupressus macrocarpa**
Crossotarsus terminatus Chapuis, *Phloeosinus cristatus* (LeConte), *Phloeosinus cupressi* Hopkins, *Phloeosinus frontalis* Bruck, *Phloeosinus setosus* Bruck, *Phloeosinus sequoiae* Hopkins, *Platypus furcatus* Blandford.
- Cupressus sargentii**
Phloeosinus cupressi Hopkins, *Phloeosinus hoppingi* Swaine, *Phloeosinus setosus* Bruck, *Phloeosinus swaini* Bruck, *Phloeosinus variolatus* Bruck.
- Cupressus sempercirens**
Phloeosinus armatus Reitter.
- Cupressus spp.**
Hypothenemus eruditus Westwood, *Phloeosinus anten-natus* Swaine, *Phloeosinus armatus* Reitter, *Phloeosinus bicolor* (Brulle), *Phloeosinus cupressi* Hopkins, *Phloeosinus deleoni* Blackman, *Phloeosinus henschi* Reitter, *Phloeosinus thujae* (Perris).
- Cupressus torulosa**
Phloeosinus jubatus Sampson.
- Cussonia chartacea**
Eucallacea xanthopus (Eichhoff).
- Cussonia longissima**
Xyleborus ferrugineus (Fabricius), *Xyleborus picus* (Motschulsky).
- Cussonia spp.**
Acanthotomicus octospinosus (Schedl).
- Cussonia rantsilana**
Eucallacea xanthopus (Eichhoff), *Mitosoma obtusum* Schedl, *Mitosoma vulpinum* Schedl.
- Cyathea spp.**
Eucallacea oparum (Beeson).
- Cybistax donnell-smithii**
Cnemonyx splendens (Wood).
- Cydonia oblonga**
Scolytus rugulosus (Muller).
- Cylicodiscus gabunensis**
Doliopygus brevis (Strohmeyer), *Doliopygus conradti* (Strohmeyer), *Doliopygus perbrevis* Schedl, *Platypus hintzi* Schauffuss, *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus picus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).
- Cylicodiscus spp.**
Prennobiaus caricipennis Eichhoff.
- Cynodon dactylon**
Hypothenemus eruditus Westwood, *Hypothenemus pubescens* Hopkins.
- Cynometra alexandrii**
Ambrosiodinus aegir (Eggers), *Cyclorhpidion cruci-penne* (Schedl), *Doliopygus artespinitus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus exilis* (Chapuis), *Doliopygus fulgens* Schedl, *Doliopygus intritus* (Schedl), *Doliopygus megaloma* Schedl, *Doliopygus notatus* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditicus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Hypothenemus morio* (Eggers), *Prennobiaus nodulosus* Hagedorn, *Rhopalopselion subseriatus* (Schedl), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff.
- Cynometra hankei**
Chaetastus tuberculatus (Chapuis), *Coccotrypes grandis* (Eggers), *Cosmoderes donisi* (Schedl), *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus exilis* (Chapuis), *Doliopygus inulis* Schedl, *Doliopygus medius* Schedl, *Doliopygus megaloma* Schedl, *Doliopygus minor* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus subditicus* (Schedl), *Doliopygus unicomis* Schedl, *Hypothenemus cynometrae* Schedl, *Hypothenemus douisi* (Schedl), *Hypothenemus eruditus* Westwood, *Periommatius circularis* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus ambasiusculus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).
- Cynometra hemitomophylla**
Araptus laevigatus (Eggers), *Coccotrypes cyperi* (Beeson).
- Cynometra insularis**
Platypus citiensis Roberts.
- Cynometra oaxacana**
Pseudochramus jaliscoensis Wood.
- Cynometra spp.**
Ambrosiodinus tropicus (Hagedorn), *Doliopygus excavatus* (Sampson), *Doliopygus intritus* (Schedl), *Doliopygus perbrevis* Schedl, *Doliopygus serratus* (Strohmeyer).
- Cyrtandra spp.**
Xyleborus mumfordi Beeson, *Xyleborus tenetiicus* Beeson.
- Cytisus alpinus**
Hylastinus fankhauseri Reitter.
- Cytisus biflorus**
Hylastinus obscurus (Marshall).
- Cytisus hirsutus**
Hylastinus obscurus (Marshall).
- Cytisus laburnum**
Hylastinus fankhauseri Reitter, *Hylastinus obscurus* (Marshall).
- Cytisus nigricans**
Hylastinus obscurus (Marshall).
- Cytisus proliferus**
Liparthrum nigrescens Wollaston.
- Cytisus spp.**
Liparthrum genistae (Aube), *Phloeotribus perforiatus* (Wollaston), *Phloeotribus rhododactylus* (Marshall).
- Cytisus triflorus**
Hylastinus fankhauseri Reitter, *Phloeotribus peyerimhoffi* (Eggers).
- Cytisus veldeni**
Phloeotribus hercegovinensis (Seitner).
- Dacrycarpus spp.**
Diapys nebulosus Roberts.
- Dacrydium elatum**
Platypus citiensis Roberts.
- Dacrydium spp.**
Xyleborus partitus Brownie.
- Dacryodes deliciosa**
Cylindropalpus auricomans (Schauffuss).
- Dacryodes edulis**
Xyleborus sub-tuberculatus Eggers.
- Dacryodes excelsa**
Monarthrum praecustum (Eggers), *Platypus compositus* Say.
- Dacryodes klaineana**
Xyleborus alluaudi Schauffuss.
- Dacryodes pubescens**
Cyclorhpidion callosum (Schedl), *Cyclorhpidion*

- usafukalae* (Schedl), *Cyclorhynchium praecursor* (Schedl), *Xyleborinus sharpei* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus sub tuberculatus* Eggers.
- Dacryodes rostrata**
Crossotarsus browni Schedl, *Cyclorhynchium pruinosum* (Blandford), *Hypocryphalus malayensis* Schedl.
- Dacryodes spp.**
Ambrosiodinus lecontei Hopkins, *Cyclorhynchium pruinosum* (Blandford).
- Dacryodes yongambiensis**
Doliopygus fulgens Schedl, *Doliopygus ghesquieri* (Schedl), *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus opulentus* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Trachyostus aterrimus* (Schauffuss), *Xyleborus affinis* Eichhoff.
- Damonorops spp.**
Ambrosiodinus brunnicipes (Eggers), *Eucallacea lineatus* (Schedl), *Leptoxyloborus concisus* (Blandford).
- Dalbergia assamensis**
Platypus secretus Sampson.
- Dalbergia assamica**
Eucallacea sibsagaricus (Eggers), *Platypus carus* Strohmeyer, *Platypus indicus* Strohmeyer, *Xyleborus piceus* (Motschulsky).
- Dalbergia ecastophyllum**
Hypothenemus brunneus (Hopkins), *Hypothenemus crudiae* (Panzer).
- Dalbergia gastrophylum**
Hypothenemus birmanus (Eichhoff).
- Dalbergia hupeana**
Eucallacea validus (Eichhoff).
- Dalbergia latifolia**
Carchesiopygus multidentatus (Strohmeyer), *Crossotarsus fractus* Sampson, *Crossotarsus javanus* Beeson, *Crossotarsus minax* (Walker), *Ernoporus concentralis* (Eggers), *Platypus jansonii* Chapuis, *Platypus pseudocupulatus* Schedl, *Platypus solidus* Walker, *Platypus rethi* Strohmeyer, *Xyleborus haberkorni* Eggers, *Xyleborus perforans* (Wollaston), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus manicus* (Blandford), *Xylosandrus morigerus* (Blandford).
- Dalbergia paniculata**
Xyleborus perforans (Wollaston).
- Dalbergia pterocarpifolia**
Mitosoma lobatum Schedl, *Platypus madagascariensis* Chapuis, *Xyleborinus quadrispinosus* (Eichhoff), *Xyleborinus signatipennis* (Schedl), *Xyleborus antaisaka* Schedl, *Xyleborus gibber* Schedl, *Xyleborus sakalava* Schedl.
- Dalbergia sissoo**
Coccotrypes nubilis (Blandford), *Platypus solidus* Walker, *Xylosandrus crassiusculus* (Motschulsky).
- Dalbergia spp.**
Arixyleborus minor (Eggers), *Arixyleborus tuberculatus* (Eggers), *Dendrocerandrus brasiliensis* (Schedl), *Eucallacea andamanensis* (Blandford), *Mitosoma obconiceps* Schedl, *Mitosoma obliquatum* Schedl, *Mitosoma obtusum* Schedl, *Xyleborus madagascariensis* Schauffuss.
- Dalea lasiostachya**
Chramesus marginatus Wood.
- Dalhousiea spp.**
Diamerus impar Chapuis.
- Dalium corbisieri**
Eucallacea granosus (Schedl).
- Daniellia klainei**
Cylindropalpus laudatus (Schedl), *Diapus quinquespinatus* Chapuis, *Platypus hintzi* Schauffuss, *Platypus parallelus* (Fabricius), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus rolevulus* (Fabricius).
- Daniellia oliveri**
Ambrosiodinus eichhoffi (Schreiner), *Doliopygus aduncus* Schedl, *Doliopygus terebrans* Schedl, *Pityophthorus barbifer* Schedl, *Triozastus marshalli* (Sampson).
- Daphniophyllum glaucescens**
Hypothenemus anakusanus (Murayama), *Platypus calannus* Blandford.
- Daphniophyllum macropodium**
Xyleborus praectus Blandford, *Xyleborus rolevulus* (Fabricius).
- Daphniophyllum tejsmuoni**
Platypus calannus Blandford.
- Daphnopsis seibertii**
Araptus laevigatus (Eggers), *Hypothenemus plumeriae* (Nordlinger).
- Dehaasia cuneata**
Xylosandrus ater (Eggers).
- Deinbollia spp.**
Chaetastus tuberculatus (Chapuis), *Triozastus caliginosus* Roberts, *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky).
- Delphinium consolida**
Thannurgus delphinii (Rosenhauer).
- Delphinium spp.**
Thannurgus delphinii (Rosenhauer).
- Dendrobium phalaenopsis**
Xylosandrus compactus (Eichhoff), *Xylosandrus morigerus* (Blandford).
- Dendrobium spp.**
Xyleborus perforans (Wollaston), *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).
- Dendrobium urvelli**
Xylosandrus morigerus (Blandford).
- Dendrobium veratrifolium**
Xylosandrus compactus (Eichhoff), *Xylosandrus morigerus* (Blandford).
- Dendropanax arboreum**
Xyleborus affinis Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volutus* (Fabricius), *Xylosandrus laticeps* (Wood).
- Derris elliptica**
Hypothenemus cruditus Westwood.
- Derris microphylla**
Xylosandrus morigerus (Blandford).
- Derris robusta**
Eucallacea fornicatus (Eichhoff), *Hypothenemus cruditus* Westwood.
- Derris spp.**
Hypothenemus crudiae (Panzer).
- Desmodium cephalotes**
Eucallacea fornicatus (Eichhoff).
- Desmodium cogantii**
Chramesus marginatus Wood.
- Desmodium flemingia spp.**
Xylosandrus morigerus (Blandford).
- Desmodium ovalifolium**
Xylosandrus compactus (Eichhoff).

Desmoncus spp.*Xyleborus inaequalis* Schedl.**Desplatsia deweyrei***Doliopygus coelocephalus* (Schauffuss), *Doliopygus erichsoni* (Chapuis), *Doliopygus lebruni* Schedl., *Doliopygus lefevrei* Schedl., *Doliopygus rapax* (Sampson), *Periommatius grandis* Schedl., *Trachyostus aterrimus* (Schauffuss), *Trachyostus schoutedeni* (Schedl.).**Desplatsia subericarpa***Periommatius longicollis* Chapuis.**Dialanthera otoba***Xyleborus grossmanni* Schedl.**Dialium corbisieri***Ambrosiodinus oratus* (Eggers), *Cosmoderes solitarius* (Schedl.), *Doliopygus dubius* (Sampson), *Doliopygus exilis* (Chapuis), *Doliopygus lateralis* Schedl., *Doliopygus minimus* Schedl., *Doliopygus perbrevis* Schedl., *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl.), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl.), *Doliopygus woltscheci* Schedl., *Hypothenemus socialis* (Schedl.), *Mesoplatypus ventricornis* Schedl., *Mesoplatypus venustus* Schedl., *Polygraphus afzeliae* Schedl., *Strombophorus dialiumi* Schedl., *Strombophorus lukengae* Schedl., *Triozastus marshalli* (Sampson), *Xyleborinus gracilipennis* (Schedl.), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus piceus* (Motschulsky), *Xyleborus volutus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).**Dialium excelsum***Cylindropalpus laudatus* (Schedl.), *Doliopygus coelocephalus* (Schauffuss), *Doliopygus cowradti* (Strohmeyer), *Doliopygus lebruni* Schedl., *Doliopygus spectabilis* Schedl., *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl., *Periommatius grandis* Schedl., *Platypus solutus* Schedl., *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson).**Dialium pachyphyllum***Doliopygus cowradti* (Strohmeyer), *Doliopygus exilis* (Chapuis), *Doliopygus lateralis* Schedl., *Doliopygus perbrevis* Schedl., *Doliopygus tenuis* (Strohmeyer), *Hypothenemus hiseratus* (Eggers), *Platypus hintzi* Schauffuss, *Strombophorus lukengae* Schedl., *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus ficus* Eggers, *Xyleborus multipinatus* Eggers, *Xyleborus subtuberculatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).**Dialium spp.***Acanthotomicus unicus* (Schedl.), *Doliopygus angolensis* Schedl., *Doliopygus bilobatus* (Schedl.), *Platypus canaliculatus* Schedl., *Platypus puerulus* (Schedl.), *Strombophorus lukengae* Schedl., *Xyleborus fallax* Eichhoff.**Dialium tessmanni***Doliopygus medius* Schedl., *Periommatius longicollis* Chapuis, *Trachyostus aterrimus* (Schauffuss), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius).**Dialium spp.***Hypothenemus camerinus* (Eggers).**Dichaetanthera cordifolia***Pityophthorus dorsalis*.**Dichapetalum spp.***Xyleborus truncatulus* Schedl.**Dichopetalum thonneri***Hypothenemus acthiops* (Schedl.).**Dichopsis elliptica***Eucallacea andamanensis* (Blandford).**Dichopsis polyantha***Scolytominus assanensis* Schedl.**Dictyosperma album***Coccotrypes dactyliperda* (Fabricius).**Didymeles spp.***Mitosoma sexspinosum* Schedl.**Dillenia pentagyna***Eucallacea andamanensis* (Blandford), *Xyleborinus andrewesi* (Blandford), *Xyleborus perforans* (Wollaston), *Xylosandrus butamali* (Beeson), *Xylosandrus crassiusculus* (Motschulsky).**Dillenia philippinensis***Xyleborus similis* Ferrari.**Dillenia retusa***Coccotrypes advena* Blandford, *Coccotrypes variabilis* (Beeson).**Dioclea megacarpa***Hypothenemus erudiae* (Panzer), *Hypothenemus plumieriae* (Nordlinger), *Stegomernus pygmaeus* Wood, *Theoborus ricini* (Eggers).**Diospyros alboflavescens***Platypus impressus* (Strohmeyer), *Platypus intermedius* (Schedl.), *Trachyostus schaufussi* (Strohmeyer).**Diospyros crassiflora***Chaetastus persimilis* (Schedl.), *Chaetastus tuberculatus* (Chapuis), *Cylindropalpus laudatus* (Schedl.), *Platypus impressus* (Strohmeyer), *Trachyostus aterrimus* (Schauffuss), *Xyleborus affinis* Eichhoff.**Diospyros eriantha***Xyleborus atratus* Eichhoff.**Diospyros kaki***Ambrosiodinus rubricollis* (Eichhoff), *Cryphalus exiguus* Blandford, *Hypothenemus eruditus* Westwood, *Xyleborinus attenuatus* (Blandford), *Xyleborus kadoyamaensis* Murayama, *Xyleborus pfeili* (Ratzeburg), *Xylosandrus brevis* (Eichhoff), *Xylosandrus germanus* (Blandford).**Diospyros morrisiana***Xyleborus atratus* Eichhoff.**Diospyros oocarpa***Crossotarsus andamanus* Beeson, *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston).**Diospyros paniculata***Platypus latifinis* Walker, *Platypus uncinatus* Blandford, *Xyleborus perforans* (Wollaston).**Diospyros pseudo-ebenum***Platypus curvus* Strohmeyer, *Platypus hybridus* Schedl.**Diospyros pyrrocarpa***Platypus cordiger* Chapuis, *Xyleborus piceus* (Motschulsky).**Diospyros spp.***Ambrosiodinus eichhoffi* (Schreiner), *Ambrosiodinus rubricollis* (Eichhoff), *Araxyleborus medius* (Eggers), *Coccotrypes carpophagus* (Homung), *Crossotarsus squannulatus* Chapuis, *Doliopygus bitalei* Schedl., *Doliopygus convexus* Roberts, *Doliopygus dolosus* Schedl., *Mesoplatypus calabaricus* Roberts, *Platypus compositus* Say, *Platypus hirtus* Schedl., *Platypus hybridus* Schedl., *Platypus insularis* Strohmeyer, *Platypus secretus* Sampson, *Platypus volaticus* Schedl.

- Treptoplatypus circidicauda* Brownie, *Xylosandrus compactus* (Eichhoff).
- Diospyros suarcorens**
Chaetastus tuberculatus (Chapuis).
- Dipholis salicifolia**
Cnecinus strigicollis LeConte, *Cryptocarcinus seriatus* Eggers, *Hypothecenus seriatus* (Eichhoff), *Hypothecenus squamosus* (Hopkins), *Micracisella nanula* LeConte).
- Diphysa robinioidea**
Androsiodmus lecontei Hopkins, *Hypothecenus crudiac* (Panzer).
- Diplodiscus paniculatus**
Eucallacea quadraticollis (Eggers), *Platypus setaceus* Chapuis.
- Diploglottis australis**
Xylosandrus solidus (Eichhoff).
- Diplospora spp.**
Crossotarsus schedli Brownie.
- Diprosopora viridiflora**
Xyleborus atratus Eichhoff.
- Dipterocarpus alatus**
Cryphalus dipterocarpi Wood.
- Dipterocarpus baudii**
Arixyleborus suturalis (Eggers), *Coptodryas diversicolor* (Eggers), *Coptodryas nigax* (Schedl), *Coptodryas perparva* (Sampson), *Eccoptopterus limbis* Sampson, *Eccoptopterus spinosus* (Olivier), *Leptoxyleborus concisus* (Blandford), *Platypus curtus* Chapuis, *Webbia dipterocarpi* Hopkins, *Xyleborus apiculatus* Schedl, *Xyleborus emarginatus* Eichhoff, *Xyleborus javanus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus pseudopilifer* Schedl, *Xyleborus sichus* Schedl, *Xylosandrus crassiusculus* (Motschulsky).
- Dipterocarpus borneensis**
Crossotarsus terminatus Chapuis, *Genyocerus serratus* (Schedl), *Platypus dignus* Schedl, *Platypus platypoides* (Brownie), *Webbia bakoensis* Brownie, *Webbia quattuordecimspiniatus* Sampson, *Webbia suturalis* Brownie.
- Dipterocarpus cornutus**
Crossotarsus terminatus Chapuis, *Diapus quinquespinatus* Chapuis, *Genyocerus diaphanus* (Schedl), *Xyleborus improcerus* Sampson, *Xylosandrus medioeris* (Schedl).
- Dipterocarpus criinitus**
Coccotrypes godeaenus (Eggers), *Platypus curtus* Chapuis, *Xyleborus dolosus* Blandford.
- Dipterocarpus curmuk**
Xylosandrus medioeris (Schedl).
- Dipterocarpus grandiflorus**
Arixyleborus rugosipes Hopkins, *Coptodryas confusa* Hopkins, *Cyclorhynchium dipterocarpi* Hopkins, *Dryocoetops laevis* (Strohmeyer), *Hypoeryphalus rotundus* Hopkins, *Platypus bifurcus* (Schedl), *Platypus spectabilis* Schedl, *Webbia dipterocarpi* Hopkins.
- Dipterocarpus hasseltii**
Diapus quinquespinatus Chapuis.
- Dipterocarpus indicus**
Platypus cordiger Chapuis, *Platypus diversipennis* Schedl, *Platypus obtusipennis* Schedl, *Xylosandrus butamali* (Beeson).
- Dipterocarpus kerrii**
Coccotrypes nitidus (Eggers).
- Dipterocarpus kunstleri**
Cyclorhynchium agnatum (Eggers), *Platypus pseudo-*
- curtus* Schedl, *Leptoxyleborus concisus* (Blandford), *Xyleborinus permundissimus* (Schedl), *Xylosandrus difficilis* (Eggers).
- Dipterocarpus obtusifolius**
Ambrosiodmus minor (Stebbing), *Platypus biflexuosus* Schedl, *Webbia biformis* Brownie, *Webbia cornutus* Schedl.
- Dipterocarpus pilosus**
Anasa roseaeus (Eggers), *Arixyleborus mediosectus* (Eggers), *Carchesiopygus impariporus* (Beeson), *Coccotrypes barbatus* (Schedl), *Coccotrypes monoceros* (Beeson), *Coccotrypes papuanus* (Eggers), *Cryphalus dipterocarpi* Wood, *Diapus pendleburyi* Schedl, *Diapus quinquespinatus* Chapuis, *Genyocerus biporus* Schedl, *Genyocerus furtivus* (Sampson), *Platypus biflexuosus* Schedl, *Platypus curvus* Strohmeyer, *Platypus cupulatus* Chapuis, *Platypus indicus* Strohmeyer, *Platypus secretus* Sampson, *Platypus solidus* Walker, *Platypus subdepressus* (Schedl), *Platypus uncinatus* Blandford, *Xyleborus shoreae* (Stebbing).
- Dipterocarpus polosapis**
Hypothecenus dipterocarpi Hopkins.
- Dipterocarpus serrata**
Diapus quinquespinatus Chapuis.
- Dipterocarpus spp.**
Arixyleborus dipterocarpi Brownie, *Arixyleborus medius* (Eggers), *Cnecinus suturalis* (Eggers), *Diapus pusillinus* Chapuis, *Diapus quinquespinatus* Chapuis, *Genyocerus albipennis* Motschulsky, *Leptoxyleborus concisus* (Blandford), *Platypus bifurcus* (Schedl), *Platypus curtus* Chapuis, *Platypus dipterocarpi* Brownie, *Platypus insulindicus* Schedl, *Platypus oratus* Strohmeyer, *Platypus pseudocurtus* Schedl, *Platypus spinosus* Brownie, *Schedlia sumatrana* (Hagedorn), *Scolytoplatypus parvus* Sampson, *Treptoplatypus circidicauda* Brownie, *Webbia trigintispiniatus* Sampson, *Xyleborus amphiceranoides* Hagedorn, *Xyleborus cavuloides* Brownie, *Xyleborus fallax* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky).
- Dipterocarpus trinervis**
Coccotrypes cyperi (Beeson).
- Dipterocarpus turbinatus**
Anasa roseaeus (Eggers), *Arixyleborus mediosectus* (Eggers), *Crossotarsus andamanus* Beeson, *Eccoptopterus spinosus* (Olivier), *Genyocerus dipterocarpi* Brownie, *Platypus cordiger* Chapuis, *Sphacrotrypes costatus* Wood, *Xyleborinus andrewesi* (Blandford), *Xyleborus bidentatus* (Motschulsky), *Xyleborus cognatus* Blandford, *Xyleborus najor* (Stebbing), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.
- Dipterocarpus veniciflorus**
Coccotrypes incognitus (Schedl).
- Dipterocarpus zeylanicus**
Arixyleborus granulifer (Eggers), *Arixyleborus mediosectus* (Eggers), *Coccotrypes longior* (Eggers), *Hypothecenus javanus* (Eggers), *Platypus shoreanus* (Beeson), *Webbia ceylonae* Schedl, *Xyleborinus exiguus* (Walker).
- Discoglypremia caloneura**
Platypus hintzi Schauffuss, *Platypus orientalis* (Strohmeyer), *Prenanobius notholus* Hagedorn, *Xyleborus affinis* Eichhoff, *Xyleborus althausi* Schauffuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky).
- Disholcopsis spp.**
Araptus nanulus Wood.

- Displodiscus paniculatus**
Platypus caliginosus Schedl.
- Dissotis grandiflora**
Hypothenemus grandis Schedl.
- Distemonanthus benthamianus**
Cylindropalpus auricomans (Schaufuss), *Doliopygus bilobatus* (Schedl.), *Doliopygus dubius* (Sampson), *Platypus hirtzi* Schaufuss, *Rhopalopselion thompsoni* Schedl., *Xyleborus affinis* Eichhoff, *Xyleborus althaudi* Schaufuss, *Xylosandrus crassiusculus* (Motschulsky).
- Distemonanthus spp.**
Premnobius caripennis Eichhoff.
- Distylium racemosum**
Platypus calamus Blandford, *Sphaerotrypes pila* Blandford.
- Ditoma crenata**
Xyleborinus saxscui (Ratzeburg).
- Dolichandrone stipulata**
Platypus cupulatus Chapuis, *Platypus solidus* Walker, *Xyleborinus birmanus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.
- Dolichos lablab**
Hypothenemus dolichocola Hopkins.
- Dombeya goetzenii**
Doliopygus lefevrei Schedl., *Platypus collinus* Browne.
- Dombeya mastersii**
Doliopygus bidentatus (Strohmeyer), *Rhopalopselion immaturus* (Schedl.).
- Dombeya spp.**
Doliopygus nairobicus (Schedl.), *Eucallacca xanthlopus* (Eichhoff), *Platypus orientalis* (Strohmeyer), *Xyleborinus spiculatus* (Schaufuss), *Xyleborinus spinosus* (Schaufuss), *Xyleborus althaudi* Schaufuss, *Xyleborus sakalava* Schedl.
- Doonia cordifolia**
Sphaerotrypes cristatus Wood.
- Doonia zeylanica**
Arixyleborus medius (Eggers), *Crossotarsus terminatus* Chapuis, *Platypus latifinis* Walker, *Platypus shoranus* (Beeson), *Platypus uncinatus* Blandford, *Xylosandrus crassiusculus* (Motschulsky).
- Doryphora aromatica**
Platypus australis Chapuis.
- Doryalis spp.**
Hypothenemus grandis Schedl.
- Dracaena aurea**
Xyleborus ferrugineus (Fabricius), *Xyleborus perforans* (Wollaston).
- Dracondomerum spp.**
Arixyleborus cariniceps Schedl.
- Dracontomelon spp.**
Cnestus rotundatus Schedl., *Diapus pusillinus* Chapuis, *Diapus quinquespinatus* Chapuis.
- Dracaena drace**
Dactylotrypes longicollis (Wollaston).
- Dracaena spp.**
Mitosoma excisum Schaufuss.
- Dracontomelium mangiferum**
Platypus micurus Schedl.
- Dracontomelium spp.**
Crassotarsus uniszechi Chapuis, *Platypus solidus* Walker.
- Drimyrcarpus rasemosus**
Platypus lepidus Chapuis, *Platypus solidus* Walker, *Sphaerotrypes quadratuberculatus* Sampson.
- Drimyrcarpus granatensis**
Scolytodes punilus Wood.
- Dryalodaphne spp.**
Hypocryphalus montanus Schedl.
- Dryobalanops aromatica**
Baiocis peruanthus (Schedl.), *Coccotrypes gedeanus* (Eggers), *Cryptoxyleborus dryobalanopsis* Schedl., *Cyclorhpidion prinosum* (Blandford), *Cyclorhpidion sisyruphorum* (Hagedorn), *Diapus pendleburyi* Schedl., *Diapus pusillinus* Chapuis, *Diapus quinquespinatus* Chapuis, *Dryococtiops hirsutus* (Schedl.), *Hypothenemus cucubus* (Schedl.), *Hypothenemus javanicus* (Eggers), *Platypus bifurcus* (Schedl.), *Platypus binucus* Blandford, *Platypus curtus* Chapuis, *Platypus pseudocupulatus* Schedl., *Platypus pseudocurtus* Schedl., *Platypus transformis* Schedl., *Platypus tetulus* Schedl., *Platyarsulus declivis* Schedl., *Platyarsulus elongatus* Schedl., *Platyarsulus marshalli* Schedl., *Webbia quatuordecimspiniatus* Sampson, *Xyleborus amplexicauda* Hagedorn, *Xyleborus perforans* (Wollaston), *Xyleborus pseudopilifer* Schedl., *Xyleborus similis* Ferrari, *Xyleborus tunggali* Schedl., *Xylosandrus mancus* (Blandford).
- Dryobalanops camphora**
Platypus curtus Chapuis.
- Dryobalanops lanceolata**
Platypus lawasensis Browne.
- Dryobalanops oblongifolia**
Amasa schlichii (Stebbing), *Arixyleborus leprosus* Schedl., *Arixyleborus malayensis* (Schedl.), *Arixyleborus minor* (Eggers), *Arixyleborus scabripennis* (Blandford), *Arixyleborus suturalis* (Eggers), *Coptodryas nigax* (Schedl.), *Crossotarsus fractus* Sampson, *Crossotarsus schedli* Browne, *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Cyclorhpidion agnatum* (Eggers), *Genyocerus philippinensis* (Schedl.), *Genyocerus serratus* (Schedl.), *Hadrodemius globus* (Blandford), *Platypus bifidus* Schedl., *Platypus binucus* Blandford, *Platypus cupulatus* Chapuis, *Platypus insulindicus* Schedl., *Platypus platypoides* (Browne), *Platypus pseudocupulatus* Schedl., *Platypus solidus* Walker, *Schedlia sumatrana* (Hagedorn), *Scolyto-platypus pusillus* Eggers, *Webbia simplex* (Browne), *Xyleborus approximatus* Schedl., *Xyleborus javanicus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus siclus* Schedl., *Xylosandrus ater* (Eggers), *Xylosandrus mancus* (Blandford), *Xylosandrus morigerus* (Blandford).
- Dryobalanops spp.**
Scolyto-platypus parvus Sampson.
- Dryodaphnae spp.**
Diapus elongatus Schedl., *Diapus robustus* Schedl., *Diapus turgidus* Roberts.
- Drypetes gossiceileri**
Ambrosiodinus oratus (Eggers), *Chaetastus tuberculatus* (Chapuis), *Cylindropalpus laudatus* (Schedl.), *Doliopygus citri* Schedl., *Doliopygus coclocephalus* (Schaufuss), *Doliopygus donisi* Schedl., *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquieri* (Schedl.), *Doliopygus lebrunii* Schedl., *Doliopygus medius* Schedl., *Doliopygus megatoma* Schedl., *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl.), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl.), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl., *Perionnatus excisus* Strohmeyer, *Perionnatus grandis* Schedl., *Perionnatus longicollis* Chapuis, *Perionnatus*

- substriatus* Strohmeier, *Platypus hintzi* Schaufuss, *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeier), *Platypus solutus* Schedl, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeier), *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus picus* (Motschulsky), *Xyleborus rotulus* (Fabricius).
- Drypetes ituriensis**
Doliopygus lebruni Schedl, *Doliopygus medius* Schedl, *Doliopygus occallescens* Schedl, *Platypus intermedius* (Schedl), *Platypus solutus* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus picus* (Motschulsky).
- Drypetes leonensis**
Coptoborus usagarius (Eggers), *Cylindropalpus granulatus* (Schedl), *Cylindropalpus interpositus* (Schedl), *Doliopygus citri* Schedl, *Doliopygus cowradti* (Strohmeier), *Doliopygus dolosus* Schedl, *Doliopygus erichsoni* (Chapuis), *Doliopygus jurioni* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus medius* Schedl, *Periommatous longicollis* Chapuis, *Platypus impressus* (Strohmeier), *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeier), *Platypus spinulosus* (Strohmeier), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus elongatus* Eggers, *Xyleborus multispinatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).
- Drypetes louisii**
Doliopygus erichsoni (Chapuis), *Doliopygus rapax* (Sampson), *Platypus impressus* (Strohmeier), *Platypus intermedius* (Schedl), *Trachyostus aterrimus* (Schaufuss).
- Drypetes morocarpa**
Doliopygus cowradti (Strohmeier), *Doliopygus dubius* (Sampson), *Doliopygus interjectus* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus medius* Schedl, *Periommatous grandis* Schedl, *Periommatous longicollis* Chapuis, *Platypus impressus* (Strohmeier), *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeier), *Xyleborus affinis* Eichhoff.
- Drypetes sepiaria**
Hylesinus nilgirinus Eggers.
- Drypetes spinoso-dentata**
Eucallacea xanthopus (Eichhoff), *Platypus orientalis* (Strohmeier).
- Drypetes spp.**
Dactylipalpus groutellei (Blandford), *Doliopygus lebruni* Schedl, *Platypus conjunctus* Schedl, *Platypus intermedius* (Schedl), *Platypus spinulosus* (Strohmeier), *Premnobius caripennis* Eichhoff, *Xyleborus picus* (Motschulsky), *Xylosandrus compactus* (Eichhoff).
- Drypetes staudtii**
Chaetastus tuberculatus (Chapuis).
- Drypetes yambataense**
Xyleborus multispinatus Eggers.
- Duabanga somneratioides**
Eucallacea bicolor (Blandford), *Platypus solidus* Walker.
- Dubautia laxa**
Xyleborus hauraiensis Perkins.
- Duboisia spp.**
Hypothenemus eruditus Westwood.
- Duboscia viridiflora**
Hypothenemus colae (Schedl), *Hypothenemus eruditus* Westwood, *Hypothenemus socialis* (Schedl).
- Dumoria spp.**
Premnobius caripennis Eichhoff.
- Durio carinatus**
Platypus cupulatus Chapuis, *Platypus curtus* Chapuis.
- Durio griffithii**
Crossotarsus squamulatus Chapuis.
- Durio spp.**
Diapus quinquespinatus Chapuis, *Platypus cupulatus* Chapuis, *Platypus duriorcorus* Browne, *Platypus pseudocupulatus* Schedl, *Xyleborus perforans* (Wollaston).
- Durio zibethinus**
Diapus quinquespinatus Chapuis, *Platypus insulindicus* Schedl, *Xyleborus emarginatus* Eichhoff, *Xyleborus perforans* (Wollaston), *Xyleborus picus* (Motschulsky), *Xyleborus similis* Ferrari.
- Dyera costulata**
Carchesiopygus wollastoni (Chapuis), *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Hypothenemus javanus* (Eggers), *Platypus cupulatus* Chapuis, *Platypus dyerae* Browne, *Platypus vetli* Strohmeier, *Platypus westwoodi* Chapuis, *Xyleborus apertus* Schedl, *Xyleborus mucronatus* Eggers, *Xyleborus subemarginatus* Eggers.
- Dysoxylum amoorooides**
Hypothenemus eruditus Westwood, *Xyleborinus andrewesi* (Blandford).
- Dysoxylum binectariferum**
Crossotarsus boucouloiri Chapuis, *Diapus quinquespinatus* Chapuis.
- Dysoxylum decandrum**
Xyleborus perforans (Wollaston), *Xyleborus picus* (Motschulsky), *Xyleborus rotulus* (Fabricius).
- Dysoxylum muelleri**
Xyleborus perforans (Wollaston).
- Dysoxylum pettigrewianum**
Xyleborus perforans (Wollaston).
- Dysoxylum spp.**
Cryphalus citiensis Browne, *Cryphalus waplery* Eichhoff, *Diapus oosis* Roberts, *Genyocerus puer* (Schedl), *Hadrodemius globus* (Blandford), *Platypus alternantecostatus* (Schedl), *Platypus cavus* Strohmeier, *Platypus cordiger* Chapuis, *Platypus jansoni* Chapuis, *Platypus papuanus* Roberts, *Platypus parapetax* Roberts & Morimoto, *Platypus sulcinodis* Schedl, *Platypus vitensis* Roberts, *Platypus volaticus* Schedl, *Xyleborinus andrewesi* (Blandford).
- Echinocarpus dasycarpus**
Diapus spatulifer Browne, *Platypus falcatus* Strohmeier, *Xyleborus similis* Ferrari.
- Echinocystis macrocarpa**
Dendrocraniulus cucurbitae (LeConte).
- Echinopanax spp.**
Dryocoetes padi Stark.
- Ehlersii spp.**
Hypothenemus eruditus Westwood.
- Ehretia acuminata**
Eucallacea sibsagaricus (Eggers), *Platypus cavus* Strohmeier, *Platypus huiger* Motschulsky, *Platypus subdepressus* (Schedl), *Xyleborus shoreae* (Stebbing), *Xyleborus similis* Ferrari.
- Ekebergia capensis**
Hypocryphalus dubiosus Schedl.

Ekebergia rupeelliana

Chaetastus montanus Schedl, *Doliopygus nairobiensis* (Schedl), *Doliopygus serratus* (Strohmeyer).

Ekebergia spp.

Doliopygus serratus (Strohmeyer), *Platypus madagascariensis* Chapuis, *Scolytoplattypus cichelbaumi* Hagedorn, *Scolytoplattypus kivuensis* Schedl, *Triozastus marshalli* (Sampson), *Xyleborinus forficuloides* (Schedl), *Xyleborinus signatipennis* (Schedl).

Ekebergia suavis

Mitosoma sexspinosum Schedl, *Platypus madagascariensis* Chapuis, *Xyleborus alluaudi* Schaufuss.

Elaeagnus pungens

Hypothenemus seriatus (Eichhoff).

Elaeagnus pungens fruitlandi

Hypothenemus eruditus Westwood, *Hypothenemus javanus* (Eggers).

Elaeagnus spp.

Pseudoxylechinus variegatus Wood & Huang, *Scolytus jaroschewskii* Schevryev, *Scolytus scheryevi* Semenov, *Trypophloeus klimeschi* Eggers.

Elaeis guineensis

Coccotrypes carpophagus (Hornung), *Coccotrypes congonus* Eggers, *Coccotrypes dactyliperda* (Fabricius), *Coccotrypes nigripes* Eggers, *Diapus quinquespinatus* Chapuis, *Doliopygus conradti* (Strohmeyer), *Hypothenemus eruditus* Westwood, *Hypothenemus perhispidus* (Eggers), *Xyleborus perforans* (Wollaston), *Xyleborus piccus* (Motschulsky), *Xylosandrus compactus* (Eichhoff).

Elaeocarpus bifidus

Crossotarsus externedentatus (Fairmaire), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston).

Elaeocarpus decipiens

Sucus niisimai (Eggers).

Elaeocarpus ferrugineus

Anasa versicolor (Sampson), *Leptoxyleborus depressus* (Eggers).

Elaeocarpus ganitrus

Platypus biuncus Blandford, *Platypus cupulatus* Chapuis.

Elaeocarpus grandis

Xyleborus perforans (Wollaston).

Elaeocarpus jackianus

Leptoxyleborus depressus (Eggers).

Elaeocarpus lunceaefolius

Platypus falcatus Strohmeyer.

Elaeocarpus oblongus

Coccotrypes cyperi (Beeson).

Elaeocarpus petiolatus

Anasa versicolor (Sampson), *Ambrosiodinus asperatus* (Blandford), *Arixyleborus suturalis* (Eggers), *Cnestus aterrimus* (Eggers), *Crossotarsus terminatus* Chapuis.

Elaeocarpus sericeus

Ambrosiodinus mahafali (Schedl), *Xylosandrus crassiusculus* (Motschulsky).

Elaeocarpus serratus

Platypus furcatus Blandford.

Elaeocarpus spp.

Anasa versicolor (Sampson), *Ambrosiodinus wilderi* (Beeson), *Coptodryas perparva* (Sampson), *Coptodryas quadricostata* (Schedl), *Cryphalus boruensis* Schedl, *Diapus bilunatus* Schedl, *Diapus elongatus* Schedl, *Diapus nanus* Schedl, *Diapus nebulosus* Roberts, *Diapus oosis* Roberts, *Diapus unispinus* Roberts,

Mitosoma excisum Schaufuss, *Mitosoma panliunum* Schedl, *Mitosoma sexspinosum* Schedl, *Platypus semi-granosus* (Sampson), *Xyleborinus forficuloides* (Schedl), *Xyleborinus quadrispinosus* (Eichhoff), *Xyleborinus signatipennis* (Schedl), *Xyleborus alluaudi* Schaufuss, *Xyleborus antaisaka* Schedl, *Xyleborus insulindicus* Eggers, *Xyleborus madagascariensis* Schaufuss, *Xyleborus minutus* Blandford, *Xyleborus similis* Ferrari, *Xyleborus swezeyi* Beeson, *Xylosandrus crassiusculus* (Motschulsky).

Elaeocarpus tuberculatus

Coccotrypes cardamomi Schaufuss, *Xylosandrus crassiusculus* (Motschulsky).

Elaeodendron spp.

Hypocryphalus dubiosus Schedl.

Elaeophorbium drupifera

Cyrtogenius crubicollis Schedl.

Elateriospermum spp.

Coptodryas nudibrevis (Schedl).

Elateriospermum tapos

Coptodryas perparva (Sampson), *Crossotarsus brownei* Schedl, *Crossotarsus schedli* Browne, *Crossotarsus wallacci* (Thomson), *Cyrtogenius subacuminatus* (Schedl), *Diapus quinquespinatus* Chapuis, *Eccoptopterus spinosus* (Olivier), *Platypus insularis* Strohmeyer, *Platypus lepidus* Chapuis, *Platypus pseudocupulatus* Schedl, *Platypus puerulus* (Schedl), *Platypus solidus* Walker, *Xyleborus perforans* (Wollaston).

Ellettaria major

Coccotrypes cardamomi Schaufuss.

Elongatus spp.

Hypothenemus eruditus Westwood.

Embelia schimperii

Xylocleptes adeniae (Schedl).

Enantia chlorantha

Chaetastus tuberculatus (Chapuis), *Periommatius nitidicollis* Strohmeyer.

Enantia polycarpa

Xyleborus ambasiusculus Eggers.

Enantia spp.

Premnobius cavipennis Eichhoff.

Encelia californica

Chaetophilocus maclayi (Bruck).

Encelia farinosa

Chaetophilocus pruinosus (Blackman).

Endiandra palmerstonii

Ambrosiodinus compressus (Lea), *Coptodryas eucalyptica* (Schedl), *Xyleborus insulindicus* Eggers, *Xyleborus perforans* (Wollaston).

Endiandra spp.

Crossotarsus terminatus Chapuis, *Platypus loricae* (Schedl).

Endospermum macrophyllum

Crossotarsus externedentatus (Fairmaire), *Diapus quinquespinatus* Chapuis, *Platypus vitensis* Roberts.

Endospermum malaccense

Coptodryas diversicolor (Eggers), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus schedli* Browne, *Crossotarsus squamulatus* Chapuis, *Crossotarsus wallacci* (Thomson), *Diapus quinquespinatus* Chapuis, *Leptoxyleborus concisus* (Blandford), *Platypus bifurcus* (Schedl), *Platypus cupulatus* Chapuis, *Platypus curtus* Chapuis, *Platypus insularis* Strohmeyer, *Platypus lepidus* Chapuis, *Platypus parallelus* (Fabricius), *Platypus pseudocupulatus* Schedl, *Platypus signatus* Chapuis, *Platypus westwoodi* Chapuis, *Xyleborus perforans*

- (Wollaston). *Xyleborus piccus* (Motschulsky). *Xylosandrus morigerus* (Blandford).
- Endospermum medullosum**
Platypus jansoni Chapuis.
- Endospermum spp.**
Diapus papuanus Schedl. *Xyleborus perforans* (Wollaston).
- Endriandra rubescens**
Platypus fraterculus Schedl.
- Engelhardtia spicata**
Crossotarsus bonvolloiri Chapuis. *Crossotarsus siva* Beeson. *Crossotarsus ursus* Schedl. *Scolytoflatypus partus* Sampson. *Scolytoflatypus pubescens* Hagedorn. *Scolytoflatypus raja* Blandford.
- Entada gigas**
Araptus laetigatus (Eggers).
- Entadopsis abyssinica**
Doliopygus erichsoni (Chapuis). *Hypothenemus eruditus* Westwood. *Xyleborus affinis* Eichhoff.
- Entandrophragma angolense**
Chaetastus tuberculatus (Chapuis). *Doliopygus chapuisi* (Duvivier). *Doliopygus conradti* (Strohmeyer). *Doliopygus dubius* (Sampson). *Doliopygus ghesquieri* (Schedl). *Doliopygus interjectus* Schedl. *Doliopygus lebruni* Schedl. *Doliopygus megaloma* Schedl. *Doliopygus serratus* (Strohmeyer). *Periommatius excisus* Strohmeyer. *Periommatius grandis* Schedl. *Platypus hintzi* Schaufuss. *Platypus impressus* (Strohmeyer). *Platypus parallelus* (Fabricius). *Polygraphus bicolor* Eggers. *Prennobius scyrrinosus* Eggers. *Trachyostus schaufussi* (Strohmeyer). *Xyleborus affinis* Eichhoff. *Xyleborus alluaudi* Schaufuss. *Xyleborus ferrugineus* (Fabricius). *Xyleborus piccus* (Motschulsky). *Xylosandrus crassiusculus* (Motschulsky).
- Entandrophragma caudollei**
Chaetastus tuberculatus (Chapuis). *Doliopygus dubius* (Sampson). *Doliopygus ghesquieri* (Schedl). *Doliopygus serratus* (Strohmeyer). *Doliopygus tenuis* (Strohmeyer). *Periommatius excisus* Strohmeyer. *Platypus schenklingi* (Strohmeyer). *Platypus solutus* Schedl. *Trachyostus schaufussi* (Strohmeyer). *Xyleborus affinis* Eichhoff. *Xyleborus alluaudi* Schaufuss. *Xyleborus ferrugineus* (Fabricius).
- Entandrophragma cylindricum**
Chaetastus tuberculatus (Chapuis). *Doliopygus conradti* (Strohmeyer). *Doliopygus dubius* (Sampson). *Doliopygus nairobiensis* (Schedl). *Platypus hintzi* Schaufuss. *Platypus schenklingi* (Strohmeyer). *Trachyostus schaufussi* (Strohmeyer). *Xyleborus affinis* Eichhoff. *Xyleborus alluaudi* Schaufuss. *Xyleborus ferrugineus* (Fabricius). *Xyleborus piccus* (Motschulsky). *Xyleborus rolulus* (Fabricius). *Xylosandrus crassiusculus* (Motschulsky).
- Entandrophragma excelsum**
Chaetastus montanus Schedl. *Chaetastus tuberculatus* (Chapuis). *Doliopygus biclutatus* (Strohmeyer). *Periommatius grandis* Schedl. *Prennobius nukuivae* (Schedl). *Xyleborus affinis* Eichhoff. *Xyleborus alluaudi* Schaufuss. *Xyleborus ambasiipennis* Schedl.
- Entandrophragma spp.**
Ambrosiodmus aegir (Eggers). *Ambrosiodmus obliquus* (LeConte). *Chaetastus tuberculatus* (Chapuis). *Doliopygus artespianus* (Schedl). *Doliopygus chapuisi* (Duvivier). *Doliopygus ghesquieri* (Schedl). *Doliopygus lateralis* Schedl. *Doliopygus lebruni* Schedl. *Doliopygus lefevrei* Schedl. *Doliopygus megaloma* Schedl. *Doliopygus rapax* (Sampson). *Doliopygus serratus* (Strohmeyer). *Doliopygus stanceri* Schedl. *Doliopygus spectabilis* Schedl. *Doliopygus tenuis* (Strohmeyer). *Periommatius excisus* Strohmeyer. *Periommatius grandis* Schedl. *Polygraphus granulatus* Eggers. *Polygraphus granulifer* Eggers. *Trachyostus schaufussi* (Strohmeyer). *Triozastus marshalli* (Sampson). *Xyleborus ferrugineus* (Fabricius).
- Entandrophragma utile**
Chaetastus tuberculatus (Chapuis). *Cylindropalpus auricomans* (Schaufuss). *Doliopygus brevis* (Strohmeyer). *Doliopygus chapuisi* (Duvivier). *Doliopygus coeloccephalus* (Schaufuss). *Doliopygus conradti* (Strohmeyer). *Doliopygus mimicus* (Schedl). *Doliopygus perbrevis* Schedl. *Platypus hintzi* Schaufuss. *Platypus parallelus* (Fabricius). *Xyleborinus sharpae* (Hopkins). *Xyleborus affinis* Eichhoff. *Xylosandrus compactus* (Eichhoff). *Xylosandrus crassiusculus* (Motschulsky).
- Enterolobium cyclocarpum**
Eucallacca xanthopus (Eichhoff).
- Enterolobium saman**
Platypus cupidatus Chapuis.
- Enterolobium spp.**
Eucallacca fornicatus (Eichhoff). *Xyleborus rolulus* (Fabricius).
- Eperua falcata**
Platypus tiriosensis Reichardt. *Xyleborus parcellus* Wood.
- Epicattleya spp.**
Xylosandrus compactus (Eichhoff).
- Epidendrum spp.**
Xylosandrus compactus (Eichhoff).
- Epischlia spp.**
Hypothenemus bezaziani Peyerimhoff.
- Eranthemum spp.**
Xylosandrus compactus (Eichhoff).
- Eriobotrya japonica**
Hypothenemus eruditus Westwood.
- Eriocoelum microspermum**
Dryocoetoides cristatus (Fabricius).
- Eriocoelum spp.**
Doliopygus erichsoni (Chapuis).
- Erythrina abyssinica**
Eucallacca xanthopus (Eichhoff). *Platypus impressus* (Strohmeyer). *Platypus solutus* Schedl. *Xyleborus alluaudi* Schaufuss. *Xyleborus piccus* (Motschulsky). *Xyleborus principalis* Eichhoff.
- Erythrina burtii**
Eucallacca xanthopus (Eichhoff).
- Erythrina costaricensis**
Monarthrum fimbriaticorne (Blandford). *Theoborus theobromae* Hopkins. *Xyleborus affinis* Eichhoff. *Xyleborus morulus* Blandford. *Xyleborus posticus* Eichhoff.
- Erythrina cristagalli**
Araptus hostilis (Blackman).
- Erythrina indica**
Xyleborus perforans (Wollaston).
- Erythrina lithosperma**
Eucallacca fornicatus (Eichhoff). *Eucallacca xanthopus* (Eichhoff). *Scolytoflatypus hirsutus* Blackman. *Xyleborus perforans* (Wollaston). *Xyleborus piccus* (Motschulsky). *Xyleborus similis* Ferrari. *Xylosandrus crassiusculus* (Motschulsky). *Xylosandrus morigerus* (Blandford).
- Erythrina orientalis**
Eucallacca fornicatus (Eichhoff).

Erythrina peopigiana*Xyleborus ferrugineus* (Fabricius).***Erythrina* spp.**

Araptus hymenaeae (Eggers), *Doliopygus erichsoni* (Chapuis), *Eucallalcea fornicatus* (Eichhoff), *Eucallalcea interjectus* (Blandford), *Eucallalcea xanthopus* (Eichhoff), *Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff), *Platypus impressus* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Platypus pennatus* Schedl., *Platypus pseudocupulatus* Schedl., *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus picus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).

Erythrina resperitilo*Xyleborus similis* Ferrari.***Erythrocoeca* spp.**

Eucallalcea xanthopus (Eichhoff), *Xyleborus alluaudi* Schaufuss, *Xyleborus principalis* Eichhoff.

Erythrophleum guineense

Chaetastus tuberculatus (Chapuis), *Cylindropalpus laudatus* (Schedl.), *Doliopygus artespinatus* (Schedl.), *Doliopygus chapuisi* (Duvivier), *Doliopygus dubius* (Sampson), *Doliopygus exilis* (Chapuis), *Doliopygus ghesquieri* (Schedl.), *Doliopygus lebruni* Schedl., *Doliopygus leferrei* Schedl., *Doliopygus maynei* Schedl., *Doliopygus medius* Schedl., *Doliopygus rhodesianus* (Schedl.), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl., *Periommatius exicis* Strohmeyer, *Platypus hintzi* Schaufuss, *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus ambasiusculus* Eggers, *Xyleborus colvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Erythrophleum micranthum

Doliopygus dubius (Sampson), *Doliopygus exilis* (Chapuis), *Doliopygus tenuis* (Strohmeyer).

Erythrophleum* spp.Xyleborus affinis* Eichhoff.***Erythroxyloa noragranatense***

Cnestus bicornis (Eggers), *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

Erythroxyloa sphaeranthrum*Cosmoderes niger* (Schedl.).***Erythroxyloa* spp.**

Mitosoma obconiceps Schedl., *Mitosoma obliquatum* Schedl.

Escheilera corrugata

Monarthrum dimidiatum (Ferrari), *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).

Escheilera grata*Xyleborus affinis* Eichhoff.***Escheilera sagotiana***

Platypus longulus Chapuis, *Platypus tiriosensis* Reichardt, *Xyleborus parcellus* Wood.

***Escheilera* spp.**

Phelloterusanaxus Wood, *Phelloterus atrocis* Wood, *Phelloterus tersus* Wood, *Phloeotribus tetricus* Wood, *Phloeotribus venezuelensis* (Schedl.), *Platypus filaris* Wood, *Platypus secus* Wood, *Pseudothysanoes subulatus* (Wood), *Tesserocranulus nevermanni* Schedl., *Xyleborus colvulus* (Fabricius).

Escheilera subgladulosa*Dryocoetoides severus* Wood.***Eucalyptus acmenoides***

Hypothenemus melasomus (Lea), *Notoplatypus elongatus* Lea.

Eucalyptus bosistoana*Chaetastus tuberculatus* (Chapuis).***Eucalyptus botryoides****Chaetastus montanus* Schedl., *Xyleborus integer* Schedl.***Eucalyptus citriodora***

Ambrosiodmus neglectus (Schedl.), *Chaetastus montanus* Schedl., *Crossotarsus externedentatus* (Fairmaire), *Doliopygus artespinatus* (Schedl.), *Doliopygus chapuisi* (Duvivier), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus excavatus* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus unicornis* Schedl., *Platypus solutus* Schedl., *Xyleborinus fornicatus* (Schedl.), *Xyleborus affinis* Eichhoff, *Xyleborus perforans* (Wollaston), *Xyleborus principalis* Eichhoff, *Xyleborus rohulus* (Fabricius).

Eucalyptus deglupta

Eccoptopterus limbus Sampson, *Platypus associatus* Schedl., *Platypus pseudocupulatus* Schedl., *Xyleborinus exiguus* (Walker), *Xyleborus gorggae* Schedl., *Xyleborus perforans* (Wollaston).

Eucalyptus drepanophylla

Notoplatypus elongatus Lea, *Xyleborus perforans* (Wollaston).

Eucalyptus excelsa*Dryocoetoides pseudosolitaris* (Eggers).***Eucalyptus fastigata****Austroplatypus incompertus* (Schedl.).***Eucalyptus gigantea****Austroplatypus incompertus* (Schedl.).***Eucalyptus globulus***

Scolytplatypus darjceilingi Stebbing, *Xyleborus improbus* Sampson.

Eucalyptus grandis

Diapys quinquespinatus Chapuis, *Platypus solidus* Walker, *Platypus streuus* Schedl., *Xyleborus perforans* (Wollaston).

Eucalyptus intermedia*Xyleborus perforans* (Wollaston).***Eucalyptus laeropinea****Platypus incostatus* Schedl.***Eucalyptus maculata***

Crossotarsus externedentatus (Fairmaire), *Platypus subgranosus* Schedl., *Xyleborus affinis* Eichhoff, *Xyleborus antaisaka* Schedl., *Xyleborus perforans* (Wollaston).

Eucalyptus microcoris*Ambrosiodmus albizzianus* (Schedl.).***Eucalyptus obliqua****Austroplatypus incompertus* (Schedl.).***Eucalyptus paniculata***

Crossotarsus externedentatus (Fairmaire), *Xyleborus affinis* Eichhoff, *Xyleborus antaisaka* Schedl., *Xyleborus squamulatus* Eichhoff.

Eucalyptus pilularis*Austroplatypus incompertus* (Schedl.).***Eucalyptus robusta***

Mitosoma truncatipennis Schedl., *Platypus furcatus* Blandford, *Xyleborus antaisaka* Schedl., *Xyleborus itheringi* Iglesias, *Xyleborus madagascariensis* Schaufuss, *Xyleborus sakalava* Schedl.

Eucalyptus rostrata*Platypus mutatus* Chapuis.

Eucalyptus saligna

Ambrosiodmus eichhoffi (Schreiner), *Chaetastus tuberculatus* (Chapuis), *Doliopygus artespinatus* (Schedl), *Doliopygus erichsoni* (Chapuis), *Platypus solutus* Schedl, *Xyleborus principalis* Eichhoff.

Eucalyptus secana

Xyleborus perforans (Wollaston).

Eucalyptus siberiana

Austroplatypus incomptus (Schedl).

Eucalyptus spp.

Amasa truncatus (Erichson), *Ambrosiodmus acgir* (Eggers), *Ambrosiodmus albizzianus* (Schedl), *Ambrosiodmus compressus* (Lea), *Ambrosiodmus inominatus* (Schedl), *Ambrosiodmus natalensis* (Schaffuss), *Ambrosiodmus obliquus* (LeConte), *Ambrosiodmus tropicus* (Hagedorn), *Crossotarsus fractus* Sampson, *Crossotarsus javanus* Beeson, *Diapus malgassicus* Schedl, *Doliopygus erichsoni* (Chapuis), *Doliopygus nairobiensis* (Schedl), *Dryocoetoides solitarinus* (Schedl), *Mitosoma obliquatum* Schedl, *Platypus narrodecandradei* Marelli, *Platypus omnivorus* (Lea), *Prennobius caipennis* Eichhoff, *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus submolestus* Schedl, *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus solidus* (Eichhoff).

Eucalyptus tereticornis

Xyleborus perforans (Wollaston).

Eucalyptus torrelliana

Coptodryas parva (Lea).

Eucalyptus trachyphloia

Hypothenemus birmanus (Eichhoff).

Euclea natalensis

Lamurgus podocarpi Schedl.

Eugenia aequa

Dryocoetops eugeniae (Schedl).

Eugenia argutata

Diapus pusillinus Chapuis, *Diapus quinquespinatus* Chapuis.

Eugenia aromatica

Amasa batocraedensis (Schedl), *Platypus caryophyllatus* Blandford.

Eugenia bernardii

Crossotarsus squamulatus Chapuis.

Eugenia buxifolia

Dendrosinus bourveriae Schwarz, *Hypothenemus birmanus* (Eichhoff), *Hypothenemus hirsutus* (Wood), *Hypothenemus seriatus* (Eichhoff).

Eugenia caryophyllata

Platypus caryophyllatus Schedl, *Xylosandrus cylindrotomicus* (Schedl).

Eugenia caryophylla

Xyleborus perforans (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky).

Eugenia cumini

Coccotrypes carpophagus (Hornung).

Eugenia formosa

Coccotrypes advena Blandford, *Coccotrypes cyperi* (Beeson), *Coccotrypes papuanus* (Eggers).

Eugenia glomerata

Platypus cupulatus Chapuis.

Eugenia grandis

Crossotarsus squamulatus Chapuis, *Crossotarsus wallacei* (Thomson).

Eugenia jambolana

Amasa eugeniae (Eggers), *Coccotrypes malgassicus* (Schedl), *Coccotrypes nubibus* (Blandford), *Coptodryas elegans* (Sampson), *Eucallacea bicolor* (Blandford), *Platypus cupulatus* Chapuis, *Platypus curtatus* Sampson, *Platypus errans* (Sampson), *Platypus eugeniae* Schedl, *Platypus latifinis* Walker, *Platypus madagascariensis* Chapuis, *Platypus uncinatus* Blandford, *Xyleborinus andrecesi* (Blandford), *Xyleborinus arstriatus* (Eichhoff), *Xyleborinus forficuloides* (Schedl), *Xyleborinus reconditus* (Schedl), *Xyleborus haberkorni* Eggers, *Xyleborus jambolanaensis* Schedl, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky).

Eugenia lineata

Amasa circumcisulus (Schedl).

Eugenia malaccensis

Crossotarsus externedentatus (Fairmaire), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston).

Eugenia polyantha

Xylosandrus morigerus (Blandford).

Eugenia quadribractea

Cyclorhhipidion agnatum (Eggers).

Eugenia similis

Coccotrypes advena Blandford.

Eugenia spp.

Amasa asperus (Sampson), *Amasa opalescens* (Schedl), *Arixyleborus malayensis* (Schedl), *Arixyleborus scabripennis* (Blandford), *Arixyleborus suturalis* (Eggers), *Cenocephalus rugicollis* Schedl, *Coccotrypes cyperi* (Beeson), *Coptoborus bicolor* (Browne), *Coptoborus fragilis* (Browne), *Crossotarsus minax* (Walker), *Crossotarsus semicinctus* Schedl, *Crossotarsus terminatus* Chapuis, *Diapus papuanus* Schedl, *Eucallacea fomicatus* (Eichhoff), *Eucallacea laevis* (Eggers), *Eucallacea xanthopus* (Eichhoff), *Lamurgus eribrellus* Schedl, *Mitosoma sexspinosum* Schedl, *Platypus dignatus* Schedl, *Platypus lepidus* Chapuis, *Platypus longulus* Chapuis, *Platypus madagascariensis* Chapuis, *Platypus ovatus* Strohmeyer, *Platypus westwoodi* Chapuis, *Scolytoplatypus parvus* Sampson, *Treptoplatypus trepanatus* (Chapuis), *Xyleborus adusticollis* (Motschulsky), *Xyleborus antaisaka* Schedl, *Xyleborus antanala* Schedl, *Xyleborus apertus* Schedl, *Xyleborus javanus* Eggers, *Xylosandrus compactus* (Eichhoff), *Xylosandrus omissus* (Schedl), *Xylosandrus oralis* (Schedl).

Eugenia subglauca

Xyleborinus andrecesi (Blandford).

Euonymus alatus

Crossotarsus niponicus Blandford.

Euonymus atropurpureus

Hypothenemus eruditus Westwood.

Euonymus spp.

Altemoporos euonymi Kurenzov, *Hypothenemus eruditus* Westwood.

Eupatorium daleoides

Pityophthorus hermosus Wood, *Pityophthorus morosus* Wood.

Eupatorium pallescens

Arixyleborus scabripennis (Blandford), *Cnestus nitidipennis* (Schedl), *Cnestus suturalis* (Eggers), *Hadrodemus globus* (Blandford), *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus morigerus* (Blandford).

Eupatorium spp.

Eucallacea barbatulus (Schedl), *Scolytoplastypus nitidus* Eggers, *Xyleborus ciliatus* Eggers.

Eupatorium tapos

Xyleborus quadrispinosulus Eggers.

Eupatorium tjibeureum

Xylosandrus eupatorii (Eggers).

Euphorbia abyssinica

Triotemnus aethiopicus Eggers.

Euphorbia amygdaloides

Thamurgus varipes Eichhoff.

Euphorbia autiquorum

Cryphalogenes euphorbiae Wood, *Cryphalogenes exiguis* Wood.

Euphorbia balsamifera

Aphanarthrum affine Wollaston, *Aphanarthrum bicinctum* Wollaston, *Aphanarthrum canescens* Wollaston, *Aphanarthrum monodi* Paulian & Villiers, *Liparthrum bicaudatum* Wollaston.

Euphorbia beammierana

Aphanarthrum mairei Peyerimhoff, *Cisurgus occidentalis* Peyerimhoff, *Colobotheirus albaudi* (Peyerimhoff), *Triotemnus longicollis* Peyerimhoff.

Euphorbia cactiformes

Cisurgus occidentalis Peyerimhoff.

Euphorbia canariensis

Aphanarthrum bicinctum Wollaston, *Aphanarthrum canariensis* Wollaston, *Aphanarthrum pygmaeum* Wollaston, *Cisurgus wollastoni* (Eichhoff), *Colobotheirus luridus* (Wollaston), *Triotemnus subretusus* Wollaston.

Euphorbia characias

Thamurgus characiae Rosenhaner, *Thamurgus varipes* Eichhoff.

Euphorbia dendroides

Aphanarthrum affine Wollaston, *Liparthrum inarmatum* Wollaston, *Thamurgus euphorbiae* (Kuster).

Euphorbia dregei

Styracoptinus euphorbiae (Bright).

Euphorbia echinus

Aphanarthrum mairei Peyerimhoff, *Cisurgus occidentalis* Peyerimhoff, *Colobotheirus albaudi* (Peyerimhoff), *Triotemnus longicollis* Peyerimhoff.

Euphorbia gerardiana

Thamurgus euphorbiae (Kuster), *Thamurgus varipes* Eichhoff.

Euphorbia handiensis

Aphanarthrum mairei Peyerimhoff, *Colobotheirus albaudi* (Peyerimhoff).

Euphorbia megalallantica

Thamurgus mairei Peyerimhoff.

Euphorbia mellifera

Aphanarthrum euphorbiae Wollaston.

Euphorbia verifolia

Aphanarthrum indicum Wood.

Euphorbia obtusifolia

Aphanarthrum bicinctum Wollaston.

Euphorbia onoclada

Hypothenemus balachowskyi Menier, *Hypothenemus teleforti* (Menier).

Euphorbia piscatoria

Aphanarthrum bicolor Wollaston, *Aphanarthrum piscatorium* Wollaston, *Liparthrum inarmatum* Wollaston.

Euphorbia regis-jubae

Aphanarthrum affine Wollaston, *Aphanarthrum bicin-*

ctum Wollaston, *Aphanarthrum bicolor* Wollaston, *Aphanarthrum canescens* Wollaston, *Aphanarthrum jubae* Wollaston, *Liparthrum bicaudatum* Wollaston, *Liparthrum lowei* Wollaston.

Euphorbia resinifera

Aphanarthrum saturatum Peyerimhoff, *Triotemnus longicollis* Peyerimhoff.

Euphorbia royleana

Aphanarthrum reticulatum Wood, *Aphanarthrum royalecanum* Wood, *Eucallacea interjectus* (Blandford).

Euphorbia spp.

Aphanarthrum armatum Wollaston, *Aphanarthrum glabrum* Wollaston, *Aphanarthrum piscatorium* Wollaston, *Aphanarthrum reticulatum* Wood, *Aphanarthrum royalecanum* Wood, *Aphanarthrum subglabrum* Israelson, *Aphanarthrum wollastoni* Israelson, *Colobotheirus germanaui* Menier, *Cyrtogenius africanus* Wood, *Cyrtogenius scotti* Eggers, *Liparthrum curtum* Wollaston, *Liparthrum lowei* Wollaston, *Triotemnus scrofa* (Schedl), *Triotemnus ciliersi* Schedl.

Euphorbia steuoclada

Hypothenemus euphorbiae (Schedl), *Lamurgus euphorbiae* Schedl, *Lamurgus rugosipes* Schedl.

Euphorbia sudanica

Aphanarthrum duongi Villiers.

Euphorbia teke

Ambrosiodinus albizzianus (Schedl).

Euphorbia tirucalli

Acanthotomius euphorbiae (Schedl), *Eucallacea xanthopus* (Eichhoff), *Hypothenemus cruditus* Westwood.

Euphorbia tuekeyana

Aphanarthrum hesperidum Wollaston, *Liparthrum loweanum* Wollaston.

Euphorbia wulfenii

Thamurgus sardus Eggers.

Euphorbia spp.

Xylosandrus compactus (Eichhoff).

Euptelea polyandra

Crossotarsus niponicus Blandford.

Euroschinus falcatus

Coptodryas eucalyptica (Schedl), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

Eurya japonica

Baïocis perinimicus (Schedl), *Eucallacea velatus* (Sampson), *Platypus tenuissimus* Schedl, *Sucus niisimui* (Eggers), *Xyleborus octidesdentatus* Murayama, *Xyleborus volentis* (Fabricius).

Euryops athamasiæ

Thamurgus euryopsis Schedl.

Eusideroxylon zwageri

Platypus bimicus Blandford, *Platypus cupulatus* Chapuis, *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

Euterpe globosa

Coccotrypes robustus Eichhoff.

Euterpe oleraceæ

Arapis laevigatus (Eggers).

Erodium fraxinifolia

Cyclorhpidion hirtum (Hagedorn), *Platypus falcatus* Strohmeier, *Scolytoplastypus pubescens* Hagedorn, *Xyleborus hagedornianus* Schedl.

Erodium latifolia

Xyleborus piceus (Motschulsky).

Erodium meliæefolia

Xyleborus atratus Eichhoff.

Erodia rutaeacarpa*Cryphalus exiguus* Blandford.***Erodia* spp.***Ambrosiodinus lewisi* (Blandford), *Crossotarsus paucidentatus* Roberts, *Crossotarsus rasilis* Roberts, *Hypothenemus parvulus* Brown, *Platypus bajulus* Schedl, *Platypus jaysoni* Chapuis, *Platypus juvencus* Schedl, *Platypus schysi* Chapuis, *Platypus solidus* Walker, *Scolytogenes papuanus* (Schedl).***Excoecaria agallocha****Cryphalus scabricollis* Eichhoff, *Xyleborus bidentatus* (Motschulsky), *Xyleborus cognatus* Blandford.***Excoecaria dallachyana****Scolytogenes atterimus* Wood, *Xyleborus similis* Ferrari.***Exogonium jalapa****Scolytogenes jalapae* (Letzner).***Eysenhardtia polyotacha****Chaetophloeus mexicanus* (Blackman).***Eysenhardtia* spp.***Chaetophloeus mexicanus* (Blackman).***Fagara angolense****Doliopygus chapuisi* (Duvivier), *Doliopygus excavatus* (Sampson), *Doliopygus serratus* (Strohmeyer).***Fagara capensis****Platypus sampsoni* (Schedl), *Xyleborinus acutus* (Wollaston).***Fagara heitzi****Platypus heitzi* Schaufuss.***Fagara lemairei****Doliopygus expletus* Schedl, *Platypus orientalis* (Strohmeyer), *Xyleborus ferrugineus* (Fabricius).***Fagara macrophylla****Chaetastus tuberculatus* (Chapuis), *Doliopygus conradi* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus interjectus* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatus grandis* Schedl, *Pityophthorus joveri* Schedl, *Platypus heitzi* Schaufuss, *Platypus impolitus* Roberts, *Platypus parallelus* (Fabricius), *Polygraphus trauis* Schedl, *Premnobius nodulosus* Hagedorn, *Xyleborus affinis* Eichhoff, *Xyleborus alhauadi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus subtuberculatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).***Fagara* spp.***Eucallacea xanthopus* (Eichhoff), *Leptoxyleborus concisus* (Blandford), *Periommatus longicollis* Chapuis, *Platypus orientalis* (Strohmeyer), *Premnobius capicenis* Eichhoff, *Xyleborus amanicus* Hagedorn, *Xyleborus ferrugineus* (Fabricius), *Xyleborus principalis* Eichhoff.***Fagaropsis angolensis****Chaetastus tuberculatus* (Chapuis).***Fagraea fragrans****Anasa versicolor* (Sampson), *Arixyleborus saturalis* (Eggers), *Xyleborus perforans* (Wollaston), *Xyleborus submarginatus* Eggers.***Fagraea gigantea****Crossotarsus wallacei* (Thomson), *Diapys quinquepinatus* Chapuis, *Eucallacea fornicatus* (Eichhoff), *Leptoxyleborus concisus* (Blandford), *Platypus suffodiens* Sampson, *Xyleborus emarginatus* Eichhoff, *Xyleborus fallax* Eichhoff.***Fagus americana****Monarthrum mali* (Fitch).***Fagus crenata****Coccotrypes fagi* (Nobuchi), *Crossotarsus niponicus* Blandford, *Ernoporus shimaneensis* Murayama, *Indocryphalus pubipennis* (Blandford), *Platypus calamus* Blandford, *Platypus lewisi* Blandford, *Platypus modestus* Blandford, *Platypus severini* Blandford, *Taphrorhynchus pilosus* (Murayama), *Xyleborinus attenuatus* (Blandford), *Xyleborinus schaufussi* (Blandford), *Xyleborus atratus* Eichhoff, *Xyleborus seriatus* Blandford, *Xylosandrus nitidulus* (Blandford).***Fagus grandifolia****Cnesinus strigicollis* LeConte, *Dryocoetes betulae* Hopkins, *Hylecoccus rudis* (LeConte), *Hypothenemus interstitialis* (Hopkins), *Hypothenemus rotundicollis* (Eichhoff), *Pseudopityophthorus fagi* Blackman, *Scolytus fagi* Walsh, *Xyleborinus saxescui* (Ratzeburg), *Xyleborus ferrugineus* (Fabricius), *Xyleborus obesus* LeConte.***Fagus japonica****Crossotarsus niponicus* Blandford, *Hyporhynchus lewisi* Blandford, *Platypus modestus* Blandford.***Fagus multierris****Eucallacea validus* (Eichhoff), *Xyleborinus saxescui* (Ratzeburg), *Xylosandrus germanus* (Blandford).***Fagus orientalis****Dryocoetes albi* (Georg), *Ernoporicus fagi* (Fabricius), *Phloeotribus brevicollis* (Kolenati), *Platypus cylindrus* (Fabricius), *Taphrorhynchus bicolor* (Herbst), *Xyleborus monographus* (Fabricius).***Fagus* spp.***Ambrosiodinus tachygraphus* (Zimmermann), *Hylesinus toranio* (Dantlione), *Platypus caticeps* Brown, *Platypus lewisi* Blandford, *Pseudopityophthorus minutissimus* (Zimmermann), *Scolytoplatypus daimio* Blandford, *Scolytoplatypus mikado* Blandford, *Scolytoplatypus shogun* Blandford, *Scolytoplatypus tycon* Blandford, *Scolytus carpinii* (Ratzeburg), *Scolytus intricatus* (Ratzeburg), *Scolytus laevis* Chapuis, *Scolytus pygmaeus* (Fabricius), *Trypodendron domesticum* (Linnaeus), *Trypodendron signatum* (Fabricius), *Xyleborus dispar* (Fabricius), *Xyloterinus politus* (Say).***Fagus sylvatica****Ernoporicus fagi* (Fabricius), *Ernoporus tiliae* (Panzer), *Platypus cylindrus* (Fabricius), *Taphrorhynchus bicolor* (Herbst), *Taphrorhynchus hirtellus* Eichhoff, *Xyleborus pfeili* (Ratzeburg), *Xyleborus sayi* (Hopkins), *Xylosandrus germanus* (Blandford).***Fauchera* spp.***Eucallacea xanthopus* (Eichhoff).***Faurea saligna****Chaetastus montanus* Schedl, *Cyclorhpidion cruciforme* (Schedl), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Platypus intermedius* (Schedl), *Polygraphus granulifer* Eggers, *Polygraphus kirucensis* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alhauadi* Schaufuss.***Ferdinandia adolphi-federici****Doliopygus coclocephalus* (Schaufuss), *Doliopygus conradi* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus punctiventris* Schedl, *Doliopygus serratus* (Strohmeyer), *Trachyostus atterimus* (Schaufuss), *Xyleborus affinis* Eichhoff, *Xyleborus rotulus* (Fabricius).***Ferula* spp.***Cisurgus ferulae* Pfeffer.***Ficus ampelae****Xylosandrus morigerus* (Blandford).

Ficus aspera*Ficicis varians* Lea.***Ficus asperifolia****Chaetastus tuberculatus* (Chapuis), *Eccoptypterus spinosus* (Olivier), *Platypus hintzi* Schauffuss, *Platypus spinulosus* (Strohmeyer), *Trachyostus aterrimus* (Schauffuss).***Ficus asperima****Platypus latifinis* Walker, *Xyleborus similis* Ferrari.***Ficus aurea****Cncemonix ficus* (Schwarz), *Cryptocarcus seriatus* Eggers, *Hypothenemus birmanus* (Eichhoff), *Hypothenemus eruditus* Westwood, *Hypothenemus javanus* (Eggers).***Ficus benghalensis****Diamerus variegatus* Schedl.***Ficus benjamina****Platypus carus* Strohmeyer, *Platypus jansonii* Chapuis, *Xyleborus picus* (Motschulsky).***Ficus bracteata****Coccotrypes adriana* Blandford, *Coccotrypes cinnamomi* (Eggers).***Ficus capensis****Cryphalus kirucensis* Schedl, *Doliopygus bidentatus* (Strohmeyer), *Doliopygus erichsonii* (Chapuis), *Doliopygus rhodesianus* (Schedl), *Euwallacea xanthopus* (Eichhoff), *Hylesinopsis confusus* (Eggers), *Hylesinopsis granulatus* (Lepesme), *Hypothenemus eruditus* Westwood, *Hypothenemus lefevrei* (Schedl), *Platypus impressus* (Strohmeyer), *Platypus solutus* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus principalis* Eichhoff.***Ficus carica****Ambrosiodmus lewisi* (Blandford), *Aricerus eichhoffi* Blandford, *Cryphalus waplerei* Eichhoff, *Ficicis varians* Lea, *Hadrodemius amorphus* (Eggers), *Hypoborus ficus* Erichson, *Hypothenemus eruditus* Westwood, *Liparthrum curtum* Wollaston.***Ficus chorocarpa****Xyleborinus artemisans* (Schedl).***Ficus corylifolia****Xyleborus ferrugineus* (Fabricius).***Ficus cotinifolia****Phloeotribus setulosus* Eichhoff.***Ficus elastica****Diamerus fici* Blandford, *Platypus pseudocupulatus* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus perforans* (Wollaston).***Ficus eriobotryoides****Chaetastus montanus* Schedl, *Platypus ficus* Roberts.***Ficus exasperata****Chaetastus tuberculatus* (Chapuis), *Diamerus imperfectus* Eggers, *Diapus quinquespinnatus* Chapuis, *Doliopygus brevis* (Strohmeyer), *Doliopygus couradi* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus medius* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus serratus* (Strohmeyer), *Periommatius excisus* Strohmeyer, *Periommatius pseudomajor* Schedl, *Platypus hintzi* Schauffuss, *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus eichhoffianus* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus picus* (Motschulsky), *Xyleborus scobinatus* Hagedorn, *Xyleborus volculus* (Fabricius).***Ficus fistulosa****Scolytoplatypus nitidus* Eggers, *Xyleborus perforans* (Wollaston).***Ficus glabella****Diamerus minor* Eggers.***Ficus glabrata****Hylocurus disparilis* Wood.***Ficus glomerata****Coccotrypes cyperi* (Beeson), *Coccotrypes variabilis* (Beeson), *Cryphalus dorsalis* (Motschulsky), *Platypus carus* Strohmeyer, *Platypus cupulatus* Chapuis, *Platypus lepidus* Chapuis, *Platypus uicinatus* Blandford, *Xyleborus perforans* (Wollaston).***Ficus hauli****Xylosandrus usulubis* (Eggers).***Ficus hispida****Euwallacea malloti* (Eggers).***Ficus infectoria****Platypus errans* (Sampson), *Xyleborus perforans* (Wollaston), *Xyleborus pumilus* Eggers.***Ficus laurifolia****Cladoctonus major* (Eggers).***Ficus macrophylla****Acanthotomicus australis* (Schedl), *Aricerus eichhoffi* Blandford.***Ficus macrosperma****Platypus ficus* Roberts.***Ficus mallotocarpa****Periommatius grandis* Schedl.***Ficus melleri****Cryphalus pallidus* Eichhoff.***Ficus minahassae****Cryphalus deusepilosus* Schedl, *Platypus luniger* Motschulsky, *Xyleborus affinis* Eichhoff.***Ficus mucoso****Hypothenemus eruditus* Westwood, *Xyleborus ficus* Eggers.***Ficus natalensis****Eccoptypterus spinosus* (Olivier), *Xyleborus madagascariensis* Schauffuss.***Ficus pilosa****Hypothenemus eruditus* Westwood.***Ficus polita****Hylesinopsis ficus* (Schedl), *Hylesinopsis joveri* (Schedl), *Hypothenemus pubipennis* (Eggers).***Ficus preussii****Doliopygus couradi* (Strohmeyer), *Platypus hintzi* Schauffuss.***Ficus religiosa****Coccotrypes vulgaris* (Eggers), *Diamerus variegatus* Schedl, *Dactylipalpus transversus* Chapuis, *Ernocladius copulentus* (Sampson), *Xyleborinus artestriatus* (Eichhoff), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.***Ficus roxburghii****Coccotrypes longior* (Eggers).***Ficus rubiginosa****Aricerus eichhoffi* Blandford.***Ficus rumphii****Cryphalus dorsalis* (Motschulsky), *Diamerus variegatus* Schedl.***Ficus seretii****Ambrosiodmus tropicus* (Hagedorn), *Xyleborus fallax* Eichhoff.***Ficus sorocoides****Ambrosiodmus triton* (Schauffuss), *Euwallacea xantho-*

pus (Eichhoff), *Mitosoma crenulatum* Chapuis, *Mitosoma dispar* Schedl, *Mitosoma excisum* Schaufuss, *Platypus madagascariensis* Chapuis, *Xyleborinus spiculatus* (Schaufuss), *Xyleborinus spinosus* (Schaufuss), *Xyleborus alhuaudi* Schaufuss, *Xyleborus sakalava* Schedl, *Xylosandrus compactus* (Eichhoff), *Xylosandrus lairsutipennis* (Schedl).

Ficus spp.

Acanthotomicus fici Browne, *Acanthotomicus kepongi* (Schedl), *Acanthotomicus perexiguus* (Blandford), *Ambrosiodinus declivispinatus* (Schedl), *Ambrosiodinus eichhoffi* (Schreiner), *Ambrosiodinus obliquus* (LeConte), *Araptus aztecus* (Wood), *Araptus consobrinus* Wood, *Araptus factus* Wood, *Araptus obsolitus* (Blandford), *Araptus speciosus* Wood, *Aricerus chapuisi* Blandford, *Aricerus eichhoffi* Blandford, *Arixyleborus scabripennis* (Blandford), *Baiocis inimicus* (Schedl), *Chaetastus tuberculatus* (Chapuis), *Cnemomyx evidens* Wood, *Cnestus setulosus* Blandford, *Cnestus nitidus* (Schedl), *Coccotrypes gelecanus* (Eggers), *Coccotrypes medius* (Eggers), *Coccotrypes petioli* (Browne), *Corthylus abbreviatus* Eichhoff, *Corthylus additus* Wood, *Corthylus diligens* Wood, *Crossotarsus squamulatus* Chapuis, *Cryphalus exiguus* Blandford, *Cryphalus scabricollis* Eichhoff, *Cryphalus sylvicola* (Perkins), *Cryphalus wapleryi* Eichhoff, *Cyclorhaphidion crucifer* (Hagedorn), *Diamerus ater* Hagedorn, *Diamerus curvifer* (Walker), *Diamerus fici* Blandford, *Diamerus impar* Chapuis, *Diamerus pulverulentus* Gerstaecker, *Diamerus variegatus* Schedl, *Diapus pusillimus* Chapuis, *Diapus spinifer* Schedl, *Doliopygus covradti* (Strohmeyer), *Doliopygus medius* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus spectabilis* Schedl, *Euwallacea fornicatus* (Eichhoff), *Euwallacea interjectus* (Blandford), *Euwallacea quadratocollis* (Eggers), *Ficicis despectus* (Walker), *Ficicis javanus* (Eggers), *Ficicis maculipennis* (Schedl), *Ficicis philippinensis* (Eggers), *Glostatus acaciæ* (Schedl), *Gymnochilus consocius* (Blandford), *Gymnochilus minor* (Blandford), *Gymnochilus ritteri* Eichhoff, *Gymnochilus zonatus* Eichhoff, *Hylesinopsis fasciatus* (Hagedorn), *Hylesinopsis lairsuti* (Schedl), *Hylesinopsis sandiarabiae* (Schedl), *Hypocryphalus perminimus* (Schedl), *Hypothecenus brunneus* (Hopkins), *Hypothecenus columbi* Hopkins, *Hypothecenus erudiae* (Panzer), *Hypothecenus erectus* LeConte, *Hypothecenus eruditus* Westwood, *Hypothecenus interstitialis* (Hopkins), *Hypothecenus malus* (Schedl), *Hypothecenus seriatus* (Eichhoff), *Hypothecenus tritialis* Wood, *Indocryphalus pubipennis* (Blandford), *Leptoxyleborus concisus* (Blandford), *Liparthrum americanum* Wood, *Liparthrum mexicanum* Wood, *Mesoplatypus kitushi* Schedl, *Mitosoma paulianum* Schedl, *Mitosoma sexspinosum* Schedl, *Monarthrum exornatum* (Schedl), *Periommatum excisum* Strohmeyer, *Periommatum grandis* Schedl, *Phlocoborus scaber* Erichson, *Phlocotribus fici* Wood, *Phlocotribus geminus* Wood, *Phlocotribus maurus* Wood, *Phlocotribus opimus* Wood, *Phlocotribus setulosus* Eichhoff, *Platypus deceptor* Wood, *Platypus formosanus* Nisima & Murayama, *Platypus gilwevi* Roberts, *Platypus hintzi* Schaufuss, *Platypus indicus* Strohmeyer, *Platypus jansoni* Chapuis, *Platypus loriceus* (Sampson), *Platypus negatus* Schedl, *Platypus nocuus* Schedl, *Platypus orientalis* (Strohmeyer), *Platypus pseudocupulatus* Schedl, *Platypus quadrispinis* Brownie, *Platypus reichei* Chapuis, *Platypus solidus*

Walker, *Platypus tenellus* Schedl, *Platypus westwoodi* Chapuis, *Polygraphus kiruensis* Schedl, *Prenobius mukunayae* (Schedl), *Prenobius sexspinosus* Eggers, *Pycnarthrum hispidum* (Ferrari), *Pycnarthrum reticulatum* Schedl, *Pycnarthrum setulosum* Waterhouse, *Scolytodes amoicus* Wood, *Scolytodes cubensis* (Schedl), *Scolytodes crinecephalus* Wood, *Scolytodes exiguus* Wood, *Scolytodes factus* Wood, *Scolytodes ficicoleus* Wood, *Scolytodes fivorus* Wood, *Scolytodes genialis* Wood, *Scolytodes lepida* Wood, *Scolytodes micidus* Wood, *Scolytodes pseudopiccus* Wood, *Scolytodes reticulatus* (Wood), *Scolytodes rugicollis* (Schedl), *Scolytodes schwarzi* (Hopkins), *Scolytodes tenuis* (Wood), *Scolytodes venustus* Wood, *Scolytoplastypus kiruensis* Schedl, *Scolytoplastypus pusillus* Eggers, *Trachyostus schaufussi* (Strohmeyer), *Tricolus simplicis* Wood, *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus affinis* Eichhoff, *Xyleborus alhuaudi* Schaufuss, *Xyleborus amanicus* Hagedorn, *Xyleborus ambasi-pennis* Schedl, *Xyleborus ambasiusculus* Eggers, *Xyleborus bambuensis* Eggers, *Xyleborus comparabilis* Blandford, *Xyleborus emarginatus* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus multi-spinatus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky), *Xyleborus posticus* Eichhoff, *Xyleborus similis* Ferrari, *Xyleborus sparsipilosus* Eggers, *Xyleborus tenellus* Schedl, *Xyleborus truncatulus* Schedl, *Xyleborus rotulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus curtulus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

Ficus stenocarpa

Ficicis varians Lea, *Xyleborus perforans* (Wollaston).

Ficus thoningii

Cryphalus bellus Schedl, *Cryphalus pallidus* Eichhoff.

Ficus variegata

Xyleborinus andruecsi (Blandford).

Ficus vogelii

Periommatum grandis Schedl, *Periommatum longicollis* Chapuis, *Platypus glabratus* Roberts, *Platypus hintzi* Schaufuss.

Ficus wightiana

Cryphalus fivorus Murayama, *Cryphalus furukawai* Murayama.

Ficus xylophylla

Coccotrypes cinnamomi (Eggers).

Ficus zenkeri

Doliopygus chapuisi (Duvivier), *Doliopygus serratus* (Strohmeyer).

Fissicalyx fendleri

Xyleborus ferrugineus (Fabricius).

Fissistigma elegans

Acacis malayana Brownie, *Cnestus aterrimus* (Eggers), *Coptodryas curvidentis* (Schedl), *Euwallacea fornicatus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

Flacourtia spp.

Xylosandrus compactus (Eichhoff).

Flemingia strobilifera

Xylosandrus morigerus (Blandford).

Flindersia acuminata

Xyleborus insulindicus Eggers.

Flindersia bourjotiana

Xyleborus perforans (Wollaston).

Flindersia brayleyana

Coptodryas eucalyptica (Schedl), *Xyleborus perforans* (Wollaston).

Flindersia laeicarpa*Xyleborus perforans* (Wollaston).**Flindersia pubescens***Peridryocoetes queenslandi* Schedl, *Platypus scalaris* Schedl, *Platypus semigranosus* (Sampson).**Flindersia schotiana***Xyleborus emarginatus* Eichhoff.**Flindersia spp.***Ambrosiodinus compressus* (LeC), *Hylesinus nilgirinus* Eggers, *Xylosandrus compactus* (Eichhoff).**Flourensia cernua***Chaetophloeus sulcatus* (Wood).**Foetida clusioïdes***Ambrosiodinus innominatus* (Schedl), *Mitosoma lobatum* Schedl, *Xyleborinus mitosomipennis* (Schedl).**Fordia spp.***Crossotarsus squamulatus* Chapuis, *Hadrodemius comans* (Sampson).**Frauseria spp.***Pityophthorus frauseriae* Wood, *Pityophthorus torridus* Wood.**Fraxinus americana***Hylesinus aculeatus* Say, *Hylesinus californicus* (Swaine), *Hylesinus eridellei* (Swaine), *Hylesinus fasciatus* LeConte, *Hylesinus pruinosus* Eichhoff.**Fraxinus anomala***Hylesinus mexicanus* (Wood).**Fraxinus chinensis***Ambrosiodinus rubricollis* (Eichhoff).**Fraxinus commemoralis***Platypus contaminatus* (Blandford).**Fraxinus excelsa***Hylesinus crenatus* (Fabricius).**Fraxinus excelsior***Hylesinus cos* Spessivtsev, *Hylesinus ornii* Fuchs, *Hylesinus toranio* (Danthione), *Phloeotribus caucasicus* Reitter, *Pteleobius kraatzi* (Eichhoff), *Scolytus kirschli* Skalitzky, *Scolytus scolytus* (Fabricius).**Fraxinus excelsior hookeri***Hylesinus macmahoni* (Stebbing).**Fraxinus floribunda***Hylesinus macmahoni* (Stebbing).**Fraxinus japonica***Platypus calamus* Blandford.**Fraxinus lanuginosa***Platypus severini* Blandford.**Fraxinus lanuginosa serrata***Hylesinus cingulatus* Blandford, *Hylesinus laticollis* Blandford.**Fraxinus latifolia***Hylesinus californicus* (Swaine), *Hylesinus oregonus* (Blackman).**Fraxinus longicuspis***Hylesinus cingulatus* Blandford.**Fraxinus mandshurica***Emporicinus spessivtzeri* Berger, *Hylesinus choldkorskyi* Berger, *Hylesinus costatus* Blandford, *Hylesinus crenatus* (Fabricius), *Hylesinus cos* Spessivtsev, *Hylesinus lubarskii* Stark, *Hylesinus nobilis* Blandford, *Hylesinus pravdini* Stark, *Hylesinus shabliorskyi* Kurenzov, *Procryphalus fraxini* (Berger), *Scolytus trispinosus* Strohmeyer, *Xyleborus dispar* (Fabricius), *Xyleborus maiche* (Stark).**Fraxinus mandshurica japonica***Crossotarsus niponicus* Blandford, *Hylesinus cingulatus* Blandford, *Hylesinus laticollis* Blandford.**Fraxinus ornus***Hylesinus ornii* Fuchs, *Hylesinus toranio* (Danthione), *Phloeotribus muricatus* (Eggers).**Fraxinus oxyphylla***Hylesinus crenatus* (Fabricius), *Phloeotribus fraxini* (Eggers).**Fraxinus pennsylvanica***Hylesinus californicus* (Swaine), *Hylesinus eridellei* (Swaine).**Fraxinus rhyuchophylla***Hylesinus cingulatus* Blandford, *Hylesinus laticollis* Blandford.**Fraxinus sieboldiana***Hylesinus costatus* Blandford, *Platypus contaminatus* (Blandford).**Fraxinus sogdiana***Hylesinus prutenkyi* Sokolovskii.**Fraxinus spaethiana***Hylesinus laticollis* Blandford, *Platypus severini* Blandford.**Fraxinus spp.***Hylesinus aculeatus* Say, *Hylesinus botscharnikovi* Stark, *Hylesinus crenatus* (Fabricius), *Hylesinus guatemalensis* (Wood), *Hylesinus mandshuricus* Eggers, *Hylesinus tupolevi* Stark, *Hylesinus varius* (Fabricius), *Hylesinus wachli* Reitter, *Phloeotribus mayeti* (Guillebeau), *Platypus compositus* Say, *Platypus cylindrus* (Fabricius), *Scolytoplatypus daimio* Blandford, *Scolytoplatypus tycon* Blandford, *Scolytus japonicus* Chapuis, *Trypodendron domesticum* (Linnaeus), *Trypodendron signatum* (Fabricius), *Xyleborus dispar* (Fabricius), *Xyleborus sayi* (Hopkins), *Xylosandrus compactus* (Eichhoff), *Xylosandrus germanus* (Blandford), *Xylosterinus politus* (Say).**Fraxinus uhdei***Hylesinus aztecus* Wood.**Fraxinus velutina***Hylesinus californicus* (Swaine).**Fremontia californica***Pseudothysanoes hopkinsi* Blackman.**Freyinetia arborea***Coccotrypes dactyliperda* (Fabricius), *Xyleborus ignobilis* Perkins.**Freyinetia houbrouni***Xylosandrus morigerus* (Blandford).**Freyinetia spp.***Xyleborus agamus* Perkins.**Fuchsia spp.***Xylosandrus morigerus* (Blandford).**Funtumia elastica***Ambrosiodinus aegir* (Eggers), *Chaetastus tuberculatus* (Chapuis), *Cyclorhpidion crucipenne* (Schedl), *Doliopygus cowadti* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Xyleborinus similans* (Eggers).**Funtumia latifolia***Doliopygus erichsoni* (Chapuis), *Periommatius grandis* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus piccus* (Motschulsky).**Galactia spiciformis***Hypothenemus brunneus* (Hopkins), *Hypothenemus californicus* Hopkins, *Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff), *Hypothenemus squamosus* (Hopkins).**Galbulimima belgraveana***Platypus dohnbabae* Roberts & Morimoto.

Galbulimima spp.

Diapus elongatus Schedl. *Diapus oreogenus* Roberts. *Platypus cymbiformis* Roberts. *Platypus galbulimimae* Roberts & Morimoto. *Platypus grunicus* Roberts. *Platypus longissimus* Roberts. *Platypus nocpartibilis* Roberts.

Galimera coffeoides

Xyleborinus collarti (Eggers).

Ganua spp.

Cryphalus nitens Browne.

Garcinia guetoides

Doliopygus nigricornis Roberts.

Garcinia mergensis

Coccotrypes gedeanus (Eggers). *Coccotrypes tunggali* (Schedl). *Xyleborus bidentatus* (Motschulsky).

Garcinia myrtifolia

Platypus viticensis Roberts.

Garcinia polyantha

Chaetastus persimilis (Schedl). *Dactylipalpus parricida* Eggers. *Doliopygus artespiniatus* (Schedl). *Doliopygus conradii* (Strohmeyer). *Doliopygus dubius* (Sampson). *Doliopygus medius* Schedl. *Doliopygus minor* Schedl. *Doliopygus serratus* (Strohmeyer). *Mesoplatypus kitushi* Schedl. *Periommatius longicollis* Chapuis. *Phrixosoma major* (Eggers). *Platypus hirtzi* Schaufuss. *Platypus impressus* (Strohmeyer). *Polygraphus longipilis* Schedl. *Polygraphus sulcatus* Schedl. *Prennobius hystrix* (Schedl). *Prennobius nodulosus* Hagedorn. *Xyleborinus sharpae* (Hopkins). *Xyleborus affinis* Eichhoff. *Xyleborus ambasiusculus* Eggers. *Xyleborus scobinatus* Hagedorn. *Xylosandrus crassiusculus* (Motschulsky).

Garcinia punctata

Chaetastus tuberculatus (Chapuis). *Doliopygus conradii* (Strohmeyer). *Doliopygus dubius* (Sampson). *Doliopygus medius* Schedl. *Doliopygus minor* Schedl. *Doliopygus rapax* (Sampson). *Hypothenemus cruditus* Westwood. *Periommatius longicollis* Chapuis. *Phrixosoma garciniae* (Schedl). *Phrixosoma uniseriata* (Eggers). *Platypus intermedius* (Schedl). *Polygraphus subsulcatus* Schedl. *Prennobius mukonyae* (Schedl). *Trachyostus aterrimus* (Schaufuss). *Trachyostus schaufussi* (Strohmeyer). *Xyleborinus piloschli* (Schedl). *Xyleborinus sharpae* (Hopkins). *Xyleborus katangensis* Eggers. *Xylosandrus crassiusculus* (Motschulsky).

Garcinia smeathmannii

Chaetastus montanus Schedl.

Garcinia spp.

Anasa schlichii (Stebbing). *Ambrosiodinus tropicus* (Hagedorn). *Baiocis nubilosus* Roberts & Morimoto. *Coptodryas nugax* (Schedl). *Crossotarsus externedentatus* (Fairmaire). *Crossotarsus nitidulus* (Schedl). *Cryphalus ater* Browne. *Diamerus impar* Chapuis. *Diamerus luteus* Hagedorn. *Diapus angustilontus* Roberts. *Diapus hispinus* Schedl. *Diapus ubulosus* Roberts. *Diapus oosis* Roberts. *Diapus papuanus* Schedl. *Diapus pusillinus* Chapuis. *Diapus turgidus* Roberts. *Hypocryphalus sandakanensis* (Schedl). *Peridryocetes nitens* (Schedl). *Phrixosoma psaltes* (Hagedorn). *Platypus apicaloides* Schedl. *Platypus cupulatus* Chapuis. *Platypus gunicus* Roberts. *Platypus hamaticollis* Schedl. *Platypus iragarii* Roberts & Morimoto. *Platypus pseudocupulatus* Schedl. *Polygraphus tenuis* Schedl. *Prennobius curipennis* Eichhoff. *Scolytogenes gracilis* (Schedl). *Triozastus marshalli* (Sampson). *Xyleborus brevipennis* Schedl. *Xyleborus colvulus* (Fabricius).

Garcinia verrucosa

Ambrosiodinus camphorae (Hagedorn). *Mitosoma*

lobatum Schedl. *Polygraphus creber* Schedl. *Xyleborinus cupulatus* (Schedl). *Xyleborinus forficuloides* (Schedl).

Gordenia spp.

Xyleborus nitens Browne.

Goruga floribunda

Platypus petax Schedl.

Goruga pinnata

Crossotarsus externedentatus (Fairmaire). *Cryphalus scabriscollis* Eichhoff. *Eucallacca andamanensis* (Blandford). *Eucallacca interjectus* (Blandford). *Platypus solidus* Walker. *Xyleborinus andrewesi* (Blandford). *Xyleborus perforans* (Wollaston).

Goruga spp.

Platypus jansonii Chapuis. *Xyleborinus andrewesi* (Blandford).

Guamarouna panamensis

Xyleborus affinis Eichhoff.

Gaylussacii spp.

Cortlyhus punctatissimus (Zimmermann). *Xylosandrus crassiusculus* (Motschulsky).

Geijera salicifolia

Platypus solidus Walker.

Geniosporum paludosum

Eucallacca xanthopus (Eichhoff). *Hypothenemus grandis* Schedl. *Thamnurgus granulicollis* Schedl. *Xylocleptes sidanus* (Schedl).

Genista horrida

Liparthrum genistae (Aube).

Genista numilica

Liparthrum genistae (Aube). *Phlocotribus peyerinhoffi* (Eggers).

Genista spp.

Phlocotribus cristatus (Fauvel). *Phlocotribus rhododactylus* (Marshall).

Geranium spp.

Hypothenemus cruditus Westwood.

Germari spp.

Hypothenemus cruditus Westwood.

Gilbertiodendron deweyi

Coccotrypes grandis (Eggers). *Doliopygus lebrunii* Schedl. *Doliopygus tenuis* (Strohmeyer). *Hypothenemus biseriatus* (Eggers). *Hypothenemus macrolobii* (Eggers). *Hypothenemus socialis* (Schedl). *Trachyostus aterrimus* (Schaufuss). *Triozastus marshalli* (Sampson). *Xyleborus ambasiusculus* Eggers.

Gilbertiodendron spp.

Hypothenemus camerunus (Eggers).

Giricidia sepium

Hypothenemus brunneus (Hopkins).

Gironniera spp.

Crossotarsus wallacei (Thomson).

Girstona jentinsiana

Platypus curtatus Sampson.

Gleditschia japonica

Neopteleobius scutulatus (Blandford).

Gleditschia spp.

Dryocoetoides pseudosolitaris (Eggers). *Xyleborus dispar* (Fabricius). *Xyleborus spinulosus* Blandford.

Gleditschia triacanthos

Hylocurus langstoni Blackman. *Thysanocis fimbriicornis* LeConte.

Gliricidia maculata

Xylosandrus crassiusculus (Motschulsky).

Gliricidia sepium

Eucallacea fornicatus (Eichhoff), *Xyleborus perforans* (Wollaston).

Glochidion spp.

Diapys papuanus Schedl., *Diapys quinquespinatus* Chapuis, *Diapys turgidus* Roberts, *Eucallacea xanthopus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

Gluta elegans

Crossotarsus bronnei Schedl., *Cryphalus substriatus* Schedl.

Gluta rengas

Platypus biuncus Blandford.

Gluta spp.

Diapys quinquespinatus Chapuis.

Gluta tourtour

Xylosandrus crassiusculus (Motschulsky).

Gluta travancorica

Cocotrypes cyperi (Beeson), *Crossotarsus minas* (Walker), *Eccoptopterus spinosus* (Olivier), *Pityophthorus glutae* Wood, *Platypus carus* Strohmeyer, *Xylosandrus crassiusculus* (Motschulsky).

Glycine max

Hypothenemus erudiac (Panzer).

Gmelina arborea

Anasa versicolor (Eichhoff), *Ambrosiodinus lantanae* (Eggers), *Cocotrypes salakensis* (Schedl.), *Coptodryas mus* (Eggers), *Eccoptopterus sagittarius* Schedl., *Eucallacea andamanensis* (Blandford), *Eucallacea fornicatus* (Eichhoff), *Eucallacea interjectus* (Blandford), *Eucallacea malloti* (Eggers), *Eucallacea velatus* (Sampson), *Platypus insularis* Strohmeyer, *Platypus pseudocupulatus* Schedl., *Platypus solidus* Walker, *Platypus uncinatus* Blandford, *Premnobius ambitiosus* (Schauffuss), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky), *Xyleborus pseudopilifer* Schedl., *Xylosandrus difficilis* (Eggers), *Xylosandrus metagermannus* (Schedl.).

Gomphia serrata

Xylosandrus manicus (Blandford).

Gonioma camassi

Xyleborinus acmulus (Wollaston).

Gonystylus bancanus

Platypus hamaticollis Schedl., *Platypus pseudocupulatus* Schedl., *Platypus signatus* Chapuis, *Platypus westwoodi* Chapuis, *Treptoplatypus trepanatus* (Chapuis).

Gonystylus confusus

Cocotrypes medius (Eggers).

Gonystylus punctatus

Platypus citiensis Roberts.

Gonystylus spp.

Geujocerus sexporus (Schedl.), *Platypus magnus* Browne, *Platypus pseudocupulatus* Schedl., *Platypus westwoodi* Chapuis, *Xylosandrus ursulus* (Eggers).

Gordonia zeylanica

Crossotarsus terminatus Chapuis, *Platypus furcatus* Blandford.

Gossampinus heptaphylla

Xyleborus piceus (Motschulsky).

Gossweilerodendron balsamiferum

Chaetastus tuberculatus (Chapuis), *Cylindropalpus auricomans* (Schauffuss), *Cylindropalpus laudatus* (Schedl.), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus expletus* Schedl., *Doliopygus ghesquieri* (Schedl.), *Doliopygus lebruni* Schedl.

Doliopygus medius Schedl., *Doliopygus megatoma* Schedl., *Doliopygus perbrevis* Schedl., *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditicus* (Schedl.), *Doliopygus toinis* (Strohmeyer), *Doliopygus unicornis* Schedl., *Perionunatus grandis* Schedl., *Platypus parallelus* (Fabricius), *Platypus schenklingi* (Strohmeyer), *Strombophorus ericinus* (Schauffuss), *Trachyostus aterrimus* (Schauffuss), *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus cichloffianus* Schedl., *Xyleborus colulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Gossweilerodendron spp.

Ambrosiodinus cichloffii (Schreiner), *Ambrosiodinus obliquus* (LeConte), *Ambrosiodinus tropicus* (Hagedorn), *Diamerus impar* Chapuis.

Gossypiospermum praecox

Platypus pulchellus Chapuis.

Gossypium hirsutum

Ambrosiodinus cichloffii (Schreiner), *Ambrosiodinus tropicus* (Hagedorn), *Hypothenemus carbonarius* (Eggers), *Hypothenemus eruditus* Westwood, *Hypothenemus javanus* (Eggers), *Premnobius ambitiosus* (Schauffuss), *Premnobius circumspinnatus* Eggers, *Xyleborus affinis* Eichhoff, *Xyleborus africanus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus subtuberculatus* Eggers, *Xyleborus colulus* (Fabricius).

Gossypium spp.

Hypothenemus eruditus Westwood, *Hypothenemus gossypii* (Hopkins), *Pseudolithysanoes excavatus* (Wood), *Pseudolithysanoes obesus* (Wood), *Xylosandrus compactus* (Eichhoff).

Gossypium tomentosum

Hypothenemus eruditus Westwood.

Gouania glandulosa

Eucallacea xanthopus (Eichhoff), *Xyleborinus spiculatus* (Schauffuss), *Xyleborinus spinosus* (Schauffuss), *Xyleborus alluaudi* Schauffuss, *Xyleborus madagascariensis* Schauffuss.

Gouldia spp.

Xylosandrus compactus (Eichhoff).

Graptophyllum spp.

Xylosandrus compactus (Eichhoff).

Grevillea pierrard

Ambrosiodinus albizzianus (Schedl.).

Grevillea robusta

Ambrosiodinus albizzianus (Schedl.), *Cryphalus asperidus* Schedl., *Cryphalus puberulus* Schedl., *Cryphalus subcompactus* Lea, *Diapys pusillinus* Chapuis, *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus excavatus* (Sampson), *Eucallacea fornicatus* (Eichhoff), *Platypus solutus* Schedl., *Xyleborus perforans* (Wollaston), *Xyleborus principalis* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford).

Grevillea spp.

Ambrosiodinus aegir (Eggers), *Ambrosiodinus obliquus* (LeConte), *Chaetastus montanus* Schedl., *Doliopygus citri* Schedl., *Doliopygus erichsoni* (Chapuis), *Scolytoplatypus fasciatus* Hagedorn, *Triozastus marshalli* (Sampson), *Xylosandrus brevis* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford).

Grewia asiatica

Hypothenemus brunneus (Hopkins), *Hypothenemus erudiac* (Panzer).

Grewia laevigata*Xylosandrus morigerus* (Blandford).***Grewia latifolia****Hypothecum eruditus* Westwood, *Xylosandrus ater* (Eggers).***Grewia mildbraedii****Chaetastus tuberculatus* (Chapuis), *Doliopygus expletus* Schedl., *Eucallacca xanthopus* (Eichhoff), *Perionnatus grandis* Schedl., *Platypus hintzi* Schaufuss, *Platypus solutus* Schedl., *Platypus spinulosus* (Strohmeyer), *Polygraphus dimorphus* Schedl., *Triozastus marshalli* (Sampson), *Xyleborus principalis* Eichhoff.***Grewia paniculata****Cnestus aterrimus* (Eggers), *Xylosandrus maucus* (Blandford).***Grewia* spp.***Arxyleborus suturalis* (Eggers), *Crossotarsus fractus* Sampson, *Crossotarsus incernis* Schedl., *Crossotarsus squamulatus* Chapuis, *Eccoptyterus limbis* Sampson, *Scolytotplatypus partus* Sampson, *Xyleborus perforans* (Wollaston), *Xylosandrus maucus* (Blandford).***Grewia tiliaefolia****Coccotrypes nubilis* (Blandford), *Eucallacca andamanensis* (Blandford), *Xyleborus perforans* (Wollaston).***Grewia tomentosa****Xyleborus javanicus* Eggers.***Grewia vestita****Coccotrypes nubilis* (Blandford), *Xyleborus perforans* (Wollaston).***Guarea quara****Hypothecum seriatus* (Eichhoff).***Guapira* spp.***Dendrosinus mexicanus* Wood.***Guarea cedrata****Chaetastus tuberculatus* (Chapuis), *Cryphalus bellus* Schedl., *Cylindropalpus auricomans* (Schaufuss), *Cylindropalpus laudatus* (Schedl.), *Doliopygus artespiniatus* (Schedl.), *Doliopygus brevis* (Strohmeyer), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus jurioni* Schedl., *Doliopygus lebrunii* Schedl., *Doliopygus medius* Schedl., *Doliopygus perbrevis* Schedl., *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl., *Eucallacca granosus* (Schedl.), *Hypothecum eruditus* Westwood, *Perionnatus excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Platypus solutus* Schedl., *Platypus spinulosus* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus albaudi* Schaufuss, *Xyleborus ambasicusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus subtuberculatus* Eggers, *Xyleborus colvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).***Guarea laurentii****Chaetastus tuberculatus* (Chapuis), *Cylindropalpus auricomans* (Schaufuss), *Cylindropalpus laudatus* (Schedl.), *Doliopygus citri* Schedl., *Doliopygus conradti* (Strohmeyer), *Doliopygus divaricus* (Schedl.), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus lateralis* Schedl., *Doliopygus lebrunii* Schedl., *Doliopygus lecontei* Schedl., *Doliopygus lefevrei* Schedl., *Doliopygus proximus* Schedl., *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus spectabilis* Schedl., *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl., *Eucallacca xanthopus* (Eichhoff), *Microrhynchus congonus* Eggers, *Perionnatus grandis* Schedl., *Platypus hintzi* Schaufuss,*Platypus impressus* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Platypus schencklingi* (Strohmeyer), *Platypus solutus* Schedl., *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborinus similans* (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus albaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piccus* (Motschulsky), *Xyleborus colvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).***Guarea* spp.***Premnobius cavipennis* Eichhoff.***Guarea thompsonii****Chaetastus tuberculatus* (Chapuis), *Cylindropalpus laudatus* (Schedl.), *Doliopygus coclocephalus* (Schaufuss), *Doliopygus divaricus* (Schedl.), *Doliopygus erichsoni* (Chapuis), *Doliopygus lebrunii* Schedl., *Doliopygus megatoma* Schedl., *Doliopygus minutissimus* (Schedl.), *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus staneri* Schedl., *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl., *Platypus hintzi* Schaufuss, *Trachyostus schoutedeni* (Schedl.), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus albaudi* Schaufuss, *Xyleborus ambasicusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piccus* (Motschulsky), *Xyleborus colvulus* (Fabricius).***Guarea trichiloides****Hypothecum trinitatis* (Hopkins), *Pycnarthrum fulgidum* Wood.***Guatteria* spp.***Coptoborus tolimanus* (Eggers), *Hypothecum bolivianus* (Eggers), *Taurodenus splendidus* (Schaufuss).***Guazuma ulmifolia****Cnesinus punctatus* Blandford, *Coptoborus catulus* (Blandford), *Microcortylus incernis* Wood.***Guetarda* spp.***Xyleborus biconicus* Eggers.***Guercina abelana****Pseudothyrsanor guercinae* (Schedl.).***Guibourtia arnoldiana****Enocladus guibourtiae* (Schedl.), *Microrhynchus guibourtiae* Schedl., *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius).***Guibourtia* spp.***Doliopygus dentiventris* Browne.***Guizotia schultzii****Eucallacca xanthopus* (Eichhoff).***Gulbertiodendron dewevrei****Hypothecum perlispidus* (Eggers).***Guttiferae* spp.***Xyleborus rismiae* Wood.***Gymmarion* spp.***Xyleborus affinis* Eichhoff.***Gymnosporia luteola****Traglostus exornatus* Schedl.***Gymnosporia* spp.***Platypus orientalis* (Strohmeyer), *Scolytotplatypus fasciatus* Hagedorn, *Scolytotplatypus kivuensis* Schedl.***Gymotroches onillarum****Xylosandrus morigerus* (Blandford).***Haasia* spp.***Xylosandrus compactus* (Eichhoff).***Hegeia abyssinica****Cyclorhynchus aguaticeps* (Schedl.), *Eucallacca xanthopus* (Eichhoff), *Hypothecum longipennis* (Eggers).

- Platypus impressus* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Xyleborus ruidae* Schedl.
- Hagenia spp.**
Acanthotomicus curvidens (Schedl), *Ambrosiodinus aegir* (Eggers), *Platypus orientalis* (Strohmeyer).
- Hakea sericea**
Carchesiopygus dentipennis Schedl, *Hypocryphalus moorei* Schedl.
- Hamamelis japonica**
Indocryphalus pubipennis (Blandford), *Xyleborinus attenuatus* (Blandford).
- Hamamelis spp.**
Hypothenemus eruditus Westwood, *Pityophthorus lautus* Eichhoff, *Pseudopityophthorus minutissimus* (Zimmermann), *Xylosandrus brevis* (Eichhoff).
- Hamamelis virginiana**
Hypothenemus eruditus Westwood, *Lymantor decipiens* (LeConte), *Micracisella opacicollis* (LeConte).
- Hannoa klaineana**
Ambrosiodinus opacithorax (Schedl), *Chaetastus tuberculatus* (Chapuis), *Cylindropalpus auricomans* (Schaufuss), *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus crichsoni* (Chapuis), *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicoloris* Schedl, *Periommatous longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).
- Haplolobus spp.**
Diapus nanus Schedl.
- Hardwickia pinnata**
Coccotrypes cardamomi Schaufuss.
- Haronga paniculata**
Acanthotomicus harongae (Schedl), *Acanthotomicus kivuensis* (Schedl), *Doliopygus conradti* (Strohmeyer), *Phrixosoma nigra* (Eggers), *Platypus orientalis* (Strohmeyer), *Xyleborinus collarti* (Eggers), *Xylosandrus crassiusculus* (Motschulsky).
- Harpullia pedicellaris**
Protoplatypus vetulus Wood.
- Harpullia spp.**
Ambrosiodinus incertus (Schedl), *Xyleborus venustulus* Schedl.
- Harungana madagascariensis**
Hypothenemus plumierae (Nordlinger), *Phrixosoma fuscovillosa* (Schedl), *Pseudomicracis harunganae* (Schedl), *Xylosandrus hirsutipennis* (Schedl).
- Heathi spp.**
Hypothenemus eruditus Westwood.
- Hechtia podantha**
Chramesus amecetens (Wood).
- Hedera colchica**
Kissophagus novaki Reitter.
- Hedera helix**
Kissophagus hederacae (Schmidt), *Kissophagus novaki* Reitter, *Kissophagus muesslini* Reitter, *Scolytogenes indicus* Wood, *Scolytoplatypus siomio* Blandford.
- Hedera spp.**
Kissophagus erinacellus Wichmann.
- Helianthus spp.**
Hypothenemus eruditus Westwood.
- Helichrysum pandurctum**
Cyrtogenius mulungensis (Schedl).
- Heritiera fomes**
Coccotrypes litoralis (Beeson), *Coccotrypes salakensis* (Schedl), *Crossotarsus externodentatus* (Fäurmaire), *Crossotarsus squamulatus* Chapuis, *Eucallacca bicolor* (Blandford), *Platypus biuncus* Blandford, *Platypus uncinatus* Blandford, *Xyleborinus artestriatus* (Eichhoff), *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.
- Heritiera javanica**
Crossotarsus wallacei (Thomson), *Eccoptopterus limbus* Sampson, *Xyleborus tunggali* Schedl.
- Heritiera littoralis**
Xyleborus similis Ferrari.
- Heritiera spp.**
Scolytoplatypus parvus Sampson.
- Heritiera trifolia**
Crossotarsus vafer Schedl, *Platypus chevrolati* Chapuis, *Platypus pseudocupulatus* Schedl, *Platypus ustus* Schedl, *Treptoplatypus multiporus* Schedl, *Xyleborus cyclopus* Schedl.
- Hevea brasiliensis**
Ambrosiodinus obliquecaudata Motschulsky, *Chaetastus tuberculatus* (Chapuis), *Coptoborus pseudotenuis* (Schedl), *Coptoborus tespatorius* (Schedl), *Coptodryas corporaali* (Eggers), *Crossotarsus minax* (Walker), *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Doliopygus conradti* (Strohmeyer), *Doliopygus crichsoni* (Chapuis), *Eccoptopterus spinosus* (Olivier), *Eucallacca andamanensis* (Blandford), *Eucallacca comptus* (Sampson), *Eucallacca fornicatus* (Eichhoff), *Eucallacca interjectus* (Blandford), *Eucallacca xanthopus* (Eichhoff), *Hypothenemus biserialis* (Eggers), *Hypothenemus eruditus* Westwood, *Hypothenemus javanus* (Eggers), *Periommatous longicollis* Chapuis, *Platypus cupulatus* Chapuis, *Platypus hintzi* Schaufuss, *Platypus insularis* Strohmeyer, *Platypus jansonii* Chapuis, *Platypus lepidus* Chapuis, *Platypus livatus* Blandford, *Platypus parallelus* (Fabricius), *Platypus pseudocupulatus* Schedl, *Platypus quinquecostatus* Chapuis, *Platypus schysi* Chapuis, *Platypus signatus* Chapuis, *Platypus solidus* Walker, *Platypus westwoodi* Chapuis, *Prennobiobius quadrispinosus* Schedl, *Prennobiobius robustulus* (Schedl), *Tesserocerus devalquei* Chapuis, *Theoborus ricini* (Eggers), *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus exiguus* (Walker), *Xyleborinus heveae* (Schedl), *Xyleborinus polyalthiae* (Schedl), *Xyleborinus similis* (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus ficus* Eggers, *Xyleborus horridus* Eichhoff, *Xyleborus imbellis* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky), *Xyleborus principalis* Eichhoff, *Xyleborus setulosus* Eggers, *Xyleborus similis* Ferrari, *Xyleborus volutus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford), *Xylosandrus morigerus* (Blandford).
- Hevea spp.**
Ambrosiodinus albizzianus (Schedl), *Coptodryas nigax* (Schedl), *Crossotarsus javanus* Beeson, *Hypothenemus caneranus* (Eggers), *Hypothenemus eruditus* Westwood, *Platypus biuncus* Blandford, *Platypus cavus* Strohmeyer, *Platypus tragus* Schedl, *Prennobiobius catipennis* Eichhoff, *Xyleborus similis* Ferrari, *Xylosandrus discolor* (Blandford).

Hexalobus africanus*Doliopygus brevis* (Strohmeyer).***Hexalobus crispiflorus****Platypus parallelus* (Fabricius).***Hibiscus macrophyllus****Eriocladus corpulentus* (Sampson), *Eucallacea xanthopus* (Eichhoff), *Margadillius minor* Schedl, *Xylosandrus maucus* (Blandford).***Hibiscus rosa-sinensis****Hypothenemus eruditus* Westwood.***Hibiscus* spp.***Margadillius parvulus* Eggers, *Platypus lepidus* Chapuis, *Platypus pseudocupulatus* Schedl, *Xylosandrus compactus* (Eichhoff).***Hibiscus syriacus****Erioporicus caucasicus* (Lindemann), *Erioporus tiliae* (Panzer).***Hibiscus tiliaceus****Cryphalus major* Stebbing, *Cryphalus neglectus* Schedl, *Hypocryphalus corpulentus* Schedl, *Hypothenemus dipteroearpi* Hopkins, *Ptilopodius marquesanus* Beeson, *Ptilopodius ramosus* Beeson, *Xyleborus ferrugineus* (Fabricius).***Hildegardia barteri****Chaetastus tuberculatus* (Chapuis).***Hippocratea* spp.***Hypothenemus eruditus* Westwood.***Hippomane mauciuella****Cnemomyx opacus* Wood, *Cnemomyx splendens* (Wood).***Hirtella glandulosa****Dryococtoides pseudosolitaris* (Eggers).***Hirtella* spp.***Dryococtoides rusticus* Wood.***Hirtella triunda****Taurodemus bicornutus* (Wood).***Histiogaster carpio****Xyleborinus saxeseni* (Ratzeburg).***Hologarna arnottiana****Eucallacea andamanensis* (Blandford), *Xyleborus perforans* (Wollaston), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus terminatus* (Eggers).***Holoptelea grandis****Doliopygus medius* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus serratus* (Strohmeyer), *Xyleborus alluaudi* Schanhuus.***Holoptelea integrifolia****Platypus solidus* Walker.***Homalanthus* spp.***Leptoxyleborus concisus* (Blandford), *Xyleborus ferrugineus* (Fabricius).***Homalium foetidum****Xyleborus emarginatus* Eichhoff.***Homalium letestui****Chaetastus tuberculatus* (Chapuis).***Homalium planiflorum****Xyleborus antaisaka* Schedl.***Homalium* spp.***Coccotrypes rotundicollis* (Eggers), *Doliopygus conradii* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Platypus hintzi* Schanhuus, *Platypus intermedius* (Schedl).***Hoepa beccariana****Webbia cornutus* Schedl, *Webbia duodecimspinatus* Schedl, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus maucus* (Blandford).***Hoepa ferrea****Arixyleborus scabripennis* (Blandford), *Coptodryas perparta* (Sampson), *Cryptoxyleborus nanus* Browne, *Eucallacea linatus* (Schedl), *Genyocerus serratus* (Schedl), *Hadrodemius comans* (Sampson), *Leptoxyleborus concisus* (Blandford), *Webbia bituberculatus* Browne, *Webbia cornutus* Schedl, *Webbia duodecimspinatus* Schedl, *Xyleborus minutus* Blandford, *Xyleborus pseudopilifer* Schedl, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus maucus* (Blandford).***Hoepa mengarawan****Platypus proteus* (Schedl).***Hoepa odorata****Arixyleborus medius* (Eggers), *Eccoptopterus limbis* Sampson, *Genyocerus biporus* (Schedl), *Genyocerus diaphanus* (Schedl), *Hadrodemius comans* (Sampson), *Platypus curtus* Chapuis, *Platypus shoreanus* (Beeson), *Webbia cornutus* Schedl, *Webbia trigintispinatus* Sampson, *Xylosandrus crassiusculus* (Motschulsky).***Hoepa parviflora****Ambrosiodmus lewisi* (Blandford), *Sphaerotrypes subtectus* Browne, *Xylosandrus compactus* (Eichhoff).***Hoepa* spp.***Cnestus suturalis* (Eggers), *Diapys quinquespinnatus* Chapuis, *Genyocerus puer* (Schedl), *Platypus bifurcus* (Schedl), *Schedlia sumatrana* (Hagedorn), *Sphaerotrypes philippinensis* Strohmeyer, *Taphrodusus divisus* (Browne), *Webbia dipteroearpi* Hopkins, *Webbia quatuordecimspinatus* Sampson, *Webbia suturalis* Browne, *Xyleborinus perminutissimus* (Schedl), *Xyleborus amplexicauda* Hagedorn.***Hoepa wightiana****Eucallacea andamanensis* (Blandford), *Sphaerotrypes subtectus* Browne, *Xyleborus perforans* (Wollaston), *Xylosandrus crassiusculus* (Motschulsky).***Horsfieldia glabra****Crossotarsus horni* Schedl, *Diapys quinquespinnatus* Chapuis, *Platypus bajulus* Schedl.***Horsfieldia irya****Platypus schysi* Chapuis.***Hoslundia opposita****Eucallacea xanthopus* (Eichhoff).***Hoslundia* spp.***Ambrosiodmus obliquus* (LeConte).***Hovea* spp.***Ambrosiodmus rubricollis* (Eichhoff).***Hoveia dulcis****Hypothenemus brunneus* (Hopkins).***Hoveia belmoreana****Coccotrypes dactyliperda* (Fabricius).***Hullettia dumosa****Xylosandrus maucus* (Blandford).***Humiristrum exselsum****Dryococtoides insculptus* Wood.***Hura polyandra****Cnemomyx equitui* Wood.***Hydnocarpus* spp.***Xyleborus perforans* (Wollaston).***Hydnocarpus wightiana****Xyleborus perforans* (Wollaston).***Hylodendron gabunense****Chaetastus tuberculatus* (Chapuis), *Hypothenemus biseriatus* (Eggers), *Mesoplatypus venustus* Schedl, *Prenobius quadrispinatus* Schedl, *Xyleborus ferrugineus* (Fabricius).

Hymenaea courbaril

Araptus hymenaeae (Eggers), *Crossotarsus schedli* Brownie, *Hypothenemus obscurus* (Fabricius).

Hymenocardia capensis

Lamurgus bicolor Schedl.

Hymenocardia ulmoides

Doliopygus conradti (Strohmeyer), *Doliopygus notatus* Schedl., *Doliopygus serratus* (Strohmeyer), *Doliopygus submarginatus* Schedl., *Periommatius grandis* Schedl., *Xyleborus amictetus* Schedl.

Hymenodictyon excelsum

Coptodryas recidens (Sampson), *Eucallacca interjectus* (Blandford), *Platypus secretus* Sampson, *Platypus suffodiens* Sampson, *Xyleborus pumilus* Eggers.

Hymenostegia afzelii

Doliopygus brevis (Strohmeyer), *Doliopygus conradti* (Strohmeyer), *Doliopygus exilis* (Chapuis), *Doliopygus opifex* (Sampson), *Doliopygus perbrevis* Schedl., *Doliopygus propinquus* Schedl., *Dryococtoides cristatus* (Fabricius), *Periommatius longicollis* Chapuis, *Stephanopodius ghanacensis* (Schedl.), *Trachyostus aterrimus* (Schauffuss), *Xyleborus alluaudi* Schauffuss.

Hymenostegia spp.

Prennobilis caripennis Eichhoff.

Hypericum lauceolatum

Cyclorhipidion agnaticeps (Schedl.), *Pseudomicracis bugeckae* (Schedl.), *Xyleborus amanicus* Hagedorn, *Xyleborus integer* Schedl., *Xyleborus principalis* Eichhoff.

Hyphaene guineensis

Coccotrypes carpophagus (Hornung).

Hyphaene spp.

Coccotrypes dactyliperda (Fabricius).

Hyphorbe spp.

Coccotrypes dactyliperda (Fabricius).

Hypodaptus spp.

Periommatius excisus Strohmeyer.

Hyracrepans spp.

Hypothenemus seriatus (Eichhoff).

Ibuga spp.

Xyleborus amanicus Hagedorn.

Icthyomethia communis

Ambrosiodinus lecontei Hopkins, *Hypothenemus brunneus* (Hopkins), *Hypothenemus columbi* Hopkins, *Hypothenemus eruditus* Westwood, *Hypothenemus squamosus* (Hopkins).

Icica altissima

Acanthotomicus bidentis Wood, *Acanthotomicus ocularis* (Wood), *Xyleborinus celatus* Wood, *Xyleborus affinis* Eichhoff.

Ilex anomala

Xyleborinus saxesceni (Ratzeburg), *Xyleborus ferrugineus* (Fabricius), *Xyleborus molokaiensis* Perkins, *Xyleborus obliquus* Sharp.

Ilex chinensis

Platypus calamus Blandford, *Platypus quercivorus* Murayama.

Ilex dipyrrena

Crossotarsus cinnamomi Beeson, *Scolytoplatus euto-moides* Blandford.

Ilex macropoda

Coptodryas kirishimanus (Murayama).

Ilex mitis

Chaetastus montanus Schedl.

Ilex oldhami

Crossotarsus simplex Murayama, *Xyleborus osuniensis* Murayama.

Ilex spp.

Ambrosiodinus apicalis (Blandford), *Ambrosiodinus rubricollis* (Eichhoff), *Cryphalus sylvicola* (Perkins), *Diaprus nebulosus* Roberts, *Eucallacca validus* (Eichhoff), *Platypus calamus* Blandford, *Xyleborus dispar* (Fabricius), *Xylosandrus compactus* (Eichhoff).

Illicium religiosum

Platypus calamus Blandford, *Polygraphus magnus* Murayama, *Xyleborus octiesdentatus* Murayama, *Xyleborus ohtoensis* Nobuchi.

Indigofera arrecta

Hypothenemus grandis Schedl., *Xylosandrus compactus* (Eichhoff).

Indigofera galegoides

Hypothenemus cruditus Westwood.

Indigofera spp.

Xylosandrus compactus (Eichhoff).

Indigofera suffruticosa

Xylosandrus compactus (Eichhoff).

Inga alba

Xyleborus volvulus (Fabricius).

Inga laurina

Monarthrum praecustum (Eggers), *Xyleborus affinis* Eichhoff.

Inga marginata

Xyleborus ferrugineus (Fabricius).

Inga paterno

Chramesus vitiosus Wood, *Chramesus xylophagus* Wood, *Hylocurus inaequalis* Wood, *Scolytus lactus* Wood, *Scolytus propinquus* Blandford.

Inga spp.

Chramesus vastus Wood, *Cnesinus elegans* Blandford, *Corthylocurus mexicanus* (Schedl.), *Corthylus ingaensis* (Schedl.), *Corthylus insignis* Wood, *Corthylus serratus* Wood, *Corthylus robustus* Schedl., *Dryococtoides capucinus* (Eichhoff), *Dryococtoides monachus* (Blandford), *Dryococtoides pilatus* Wood, *Dryococtoides verrucosus* Wood, *Gnathotrupes bituberculatus* (Blandford), *Hylocurus elegans* Eichhoff, *Hylocurus simplex* Blandford, *Hylocurus verrucosus* Wood, *Hypothenemus crudiae* (Panzer), *Hypothenemus erectus* LeConte, *Hypothenemus opacus* (Eichhoff), *Hypothenemus solocis* Wood, *Hypothenemus suspectus* Wood, *Hypothenemus teretis* Wood, *Micracis lepichus* Wood, *Micracis suainci* Blackman, *Monarthrum notatum* Wood, *Monarthrum proprium* Wood, *Phloeoborus punctatorugosus* Chapuis, *Phloeotribus ingae* Wood, *Phloeotribus squamiger* Wood, *Platypus chiriquensis* Wood, *Scolytodes ingarorus* Wood, *Taurodemus bicornutus* (Wood), *Taurodemus carulus* (Wood), *Theoborus villosulus* (Blandford), *Xyleborinus celatus* Wood, *Xyleborus ferrugineus* (Fabricius), *Xyleborus squamulatus* Eichhoff, *Xylosandrus compactus* (Eichhoff), *Xylosandrus laticeps* (Wood).

Inga vera

Chramesus rotundatus (Chapuis), *Dryococtoides pseudosolitarinus* (Eggers), *Platypus dentatus* Dalman, *Platypus excisus* Chapuis, *Xyleborus affinis* Eichhoff.

Inocarpus edulis

Crossotarsus externedentatus (Fairmaire), *Xyleborus volvulus* (Fabricius).

Inocarpus spp.

Crossotarsus externedentatus (Fairmaire), *Xylosandrus compactus* (Eichhoff).

Ipomoea cathartica

Hypothenemus californicus Hopkins, *Hypothenemus*

- cruditus* Westwood, *Hypothenemus hirsutus* (Wood), *Hypothenemus seriatus* (Eichhoff).
- Ipomoea littoralis***
Hypothenemus californicus Hopkins.
- Ipomoea pres-caprae***
Cryptocarenum seriatus Eggers, *Scolytogenes knabi* (Hopkins).
- Ipomoea* spp.**
Scolytogenes hirtus (Wood), *Scolytogenes rusticus* (Wood), *Scolytogenes truncis* (Wood).
- Ipomoea turpethum***
Scolytogenes aspericollis (Eichhoff).
- Iraunum xanthophyllum***
Xyleborus xanthophyllum Schedl.
- Irringia gabonensis***
Chaetastus tuberculatus (Chapuis), *Cylindropalpus pumilio* (Schedl), *Platypus hintzi* Schaufuss, *Xyleborus affinis* Eichhoff.
- Irringia grandifolia***
Ambrosiodmus aegir (Eggers), *Doliopygus coclocephalus* (Schaufuss), *Doliopygus lefevrei* Schedl, *Doliopygus serratus* (Strohmeyer), *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus volutus* (Fabricius).
- Isoloma bruneelii***
Doliopygus crichsoni (Chapuis), *Doliopygus tenuis* (Strohmeyer), *Eucallacea xanthopus* (Eichhoff), *Periommatus similis* Strohmeyer, *Xyleborinus polyalthiae* (Schedl), *Xyleborus affinis* Eichhoff.
- Isoloma* spp.**
Premnobius caripennis Eichhoff.
- Isonandra polyantha***
Eucallacea bicolor (Blandford), *Scolytomimus assamensis* Schedl.
- Isonandra* spp.**
Xyleborinus andrewesi (Blandford).
- Iva imbricata***
Hypothenemus californicus Hopkins, *Hypothenemus gossypii* (Hopkins).
- Ixonanthes reticulata***
Crossotarsus wallacci (Thomson), *Platypus cupulatus* Chapuis.
- Ixora parviflora***
Eucallacea andamanensis (Blandford).
- Jacaranda copaia***
Platypus dentatus Dahman, *Xyleborus semipunctatus* Eggers, *Xyleborus volutus* (Fabricius).
- Jacaranda* spp.**
Premnobius caripennis Eichhoff, *Xylosandrus laticeps* (Wood).
- Jacksonia* spp.**
Xyleborus perforans (Wollaston).
- Jacobiina* spp.**
Xylosandrus compactus (Eichhoff).
- Jambosa malaccensis***
Crossotarsus externedentatus (Fairmaire).
- Jasminium abyssinicum***
Dendrochilus jasminiae Schedl.
- Jasminium* spp.**
Xylosandrus compactus (Eichhoff).
- Jatropha cinerea***
Liparthrum albosetum Bright.
- Jatropha curcas***
Xyleborus perforans (Wollaston).
- Jatropha kebella***
Xyleborus perforans (Wollaston).
- Jatropha spathulata***
Dendroterus texanus Wood.
- Jatropha* spp.**
Hypothenemus macrolobii (Eggers).
- Juglans californica***
Pityophthorus juglandis Blackman.
- Juglans cinerea***
Xyleborus ferrugineus (Fabricius).
- Juglans major***
Pityophthorus juglandis Blackman.
- Juglans mandshurica***
Cryphalus mandshuricus Eggers, *Hylesinus cos* Spesivtsev, *Xyleborus aequalis* (Beitter).
- Juglans mandshurica sieboldiana***
Platypus modestus Blandford.
- Juglans nigra***
Ambrosiodmus rubricollis (Eichhoff), *Hylesinus crenatus* (Fabricius), *Hypothenemus bezaziani* Peyerimhoff, *Hypothenemus crudiac* (Panzer), *Hypothenemus cruditus* Westwood, *Hypothenemus seriatus* (Eichhoff), *Pityophthorus juglandis* Blackman, *Pityophthorus lautus* Eichhoff, *Pseudothysanoes lecontei* Blackman.
- Juglans regia***
Ambrosiodmus rubricollis (Eichhoff), *Coccotrypes nubilis* (Blandford), *Crossotarsus fairmairei* Chapuis, *Dryocoetes himalayensis* Strohmeyer, *Scolytus nitidus* Schedl, *Scolytus scolytus* (Fabricius), *Sphaerotrypes juglans* Tsai & Yin, *Trypodendron domesticum* (Linnaeus), *Xyleborinus artestratus* (Eichhoff), *Xyleborinus subgranulatus* (Eggers), *Xylosandrus discolor* (Blandford).
- Juglans sieboldiana***
Cryphalus juglans Näsima, *Hylesinus laticollis* Blandford.
- Juglans* spp.**
Ambrosiodmus apicalis (Blandford), *Ambrosiodmus tachygraphus* (Zimmermann), *Hylesinus cingulatus* Blandford, *Hylesinus varius* (Fabricius), *Hypothenemus cruditus* Westwood, *Eucallacea validus* (Eichhoff), *Platypus quercuslandi* Schedl, *Scolytoplatypus tyeon* Blandford, *Sphaerotrypes juglans* Krivolutskaia & Kupyanskaya, *Xyleborus ferrugineus* (Fabricius), *Xyleborus sayi* (Hopkins), *Xylosandrus germanus* (Blandford).
- Juglaniaria brevii***
Cylindropalpus auricomans (Schaufuss), *Doliopygus divaricus* (Schedl).
- Juglaniaria paniculata***
Glostatus multispinosus (Schedl), *Polygraphus zambianus* Beaver.
- Juglaniaria seretii***
Chaetastus tuberculatus (Chapuis), *Cylindropalpus auricomans* (Schaufuss), *Cylindropalpus interpositus* (Schedl), *Doliopygus conjunctus* Schedl, *Doliopygus giesquieri* (Schedl), *Doliopygus lefevrei* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus pygmaeolus* Schedl, *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicomis* Schedl, *Trachyostus aterrimus* (Schaufuss), *Triozastus marshalli* (Sanpson), *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).
- Juniperus chinensis***
Phloeosinus hopchi Schedl, *Phloeosinus rudis* Blandford, *Phloeosinus shensi* Tsai & Yin.

Juniperus communis*Phlocosinus turkestanicus* Semenov.***Juniperus depeanu****Carphobius arizonicus* Blackman, *Phlocosinus delconii* Blackman, *Phlocosinus furnissi* Blackman, *Phlocosinus hoferi* Blackman, *Phlocosinus scopulorum neomexicanus* Blackman, *Phlocosinus serratus* (LeConte), *Phlocosinus spinosus* Blackman.***Juniperus excelsa****Phlocosinus acatayi* Schedl.***Juniperus flaccida****Phlocosinus delconii* Blackman.***Juniperus monosperma****Phlocosinus furnissi* Blackman, *Phlocosinus scopulorum neomexicanus* Blackman, *Phlocosinus serratus* (LeConte).***Juniperus occidentalis****Phlocosinus hoppingi* Swaine, *Phlocosinus punctatus* LeConte, *Phlocosinus serratus* (LeConte), *Phlocosinus swainci* Bruck.***Juniperus osteosperma****Phlocosinus furnissi* Blackman, *Phlocosinus hoferi* Blackman, *Phlocosinus scopulorum neomexicanus* Blackman, *Phlocosinus serratus* (LeConte).***Juniperus procera****Glostatus acaciae* (Schedl).***Juniperus pseudosabina****Phlocosinus turkestanicus* Semenov.***Juniperus scopulorum****Phlocosinus hoferi* Blackman, *Phlocosinus hoppingi* Swaine, *Phlocosinus keeni* Blackman, *Phlocosinus scopulorum scopulorum* Swaine, *Phlocosinus serratus* (LeConte).***Juniperus* spp.***Phlocosinus bicolor* (Brulle), *Phlocosinus cristatus* (LeConte), *Phlocosinus delconii* Blackman, *Phlocosinus henschi* Reitter, *Phlocosinus palearis* Wood, *Phlocosinus perlatus* Chapuis, *Phlocosinus serratus* (LeConte), *Phlocosinus thujae* (Perris).***Juniperus virginiana****Phlocosinus dentatus* (Say).***Kairiballi* spp.***Xyleborus parcellus* Wood.***Kalmia latifolia****Xyleborus sayi* (Hopkins).***Kalopanax ricinifolium****Erioporicus senicovi* (Kurenzov), *Platypus lewisi* Blandford, *Xyleborus orientalis* Eggers.***Kalopanax septenlobum****Crossotarsus niponicus* Blandford, *Platypus lewisi* Blandford, *Xyleborus seriatus* Blandford.***Kaya floribunda****Xylosandrus crassiusculus* (Motschulsky).***Khaya anthotheca****Cylindropalpus granulatus* (Schedl), *Doliopygus perbrevis* Schedl, *Rhopalopselion immaturus* (Schedl), *Xyleborus consobrinus* Eggers.***Khaya grandifolia****Chaetastus tuberculatus* (Chapuis), *Polygraphus coronatus* Eggers, *Xyleborus affinis* Eichhoff.***Khaya ivorensis****Chaetastus tuberculatus* (Chapuis), *Diapus quinque-spinatus* Chapuis, *Doliopygus chapuisi* (Duvivier), *Doliopygus couradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferruginus**(Fabricius)*, *Xyleborus picens* (Motschulsky), *Xyleborus scobinatus* Hagedorn, *Xyleborus subtuberculatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).***Khaya klainea****Platypus hintzi* Schaufuss.***Khaya nyasica****Eucallaea khayae* (Schedl).***Khaya senegalensis****Pityophthorus fallax* (Hagedorn), *Xylosandrus maucus* (Blandford).***Khaya* spp.***Ambrosiodinus cichliffi* (Schreiner), *Chaetastus tuberculatus* (Chapuis), *Cyclorhpidion crucipenne* (Schedl), *Doliopygus artespiniatus* (Schedl), *Doliopygus perbrevis* Schedl, *Doliopygus unicoloris* Schedl, *Pityophthorus hintzi* Schedl, *Platypus hintzi* Schaufuss, *Polygraphus bicolor* Eggers, *Polygraphus granulatus* Eggers, *Polygraphus grandiflor* Eggers, *Prennobius caripennis* Eichhoff, *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus principalis* Eichhoff, *Xyleborus volutus* (Fabricius).***Kickxia arborea****Platypus signatus* Chapuis.***Kigelia lanceolata****Platypus solutus* Schedl, *Rhopalopselion congoum* (Schedl).***Klaineana* spp.***Ambrosiodinus cichliffi* (Schreiner).***Klainedoxa gabonensis****Acanthotomicus sexdentatus* (Eggers), *Chaetastus tuberculatus* (Chapuis), *Coccotrypes rotundicollis* (Eggers), *Doliopygus artespiniatus* (Schedl), *Doliopygus bilobatus* (Schedl), *Doliopygus couradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus ghesquieri* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus leferrei* Schedl, *Doliopygus megaloma* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus punctiventr* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus spectabilis* Schedl, *Doliopygus unicoloris* Schedl, *Hypothenemus cruditus* Westwood, *Micropyphalus klainedoxae* Schedl, *Periommatius excisus* Strohmeyer, *Periommatius longicollis* Chapuis, *Pityophthorus africanus* Wood, *Pityophthorus africanus* Eggers, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus caudatus* Schedl, *Xyleborus clerodendronae* Schedl, *Xyleborus nitidulus* Eggers, *Xyleborus volutus* (Fabricius).***Klainedoxa gabonensis oblongifolia****Xylosandrus cylindrotomicus* (Schedl).***Klainedoxa* spp.***Prennobius caripennis* Eichhoff.***Kleinhoria hospita****Hadrodemius globus* (Blandford).***Knightia excelsa****Xyleborinus saxenii* (Ratzeburg).***Koompassia excelsa****Arixyleborus granulifer* (Eggers), *Coptodryas diversicolor* (Eggers), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus inermis* Schedl, *Crossotarsus squamulatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Eccoptypterus limbus* Sampson, *Platypus curtus* Chapuis, *Platypus forficula* Chapuis, *Xyleborus emarginatus* Eichhoff, *Xyleborus fallax* Eichhoff.

Koompassia malaccensis

Ozopemon rugatus (Blandford). *Platypus forficula* Chapuis. *Platypus insularis* Strohmeyer. *Platypus signatus* Chapuis. *Platypus westwoodi* Chapuis. *Xyleborus apertus* Schedl. *Xyleborus fallax* Eichhoff. *Xyleborus perforans* (Wollaston). *Xyleborus picus* (Motschulsky). *Xyleborus rotundus* (Fabricius).

Koompassia spp.

Arixyleborus granifer (Eichhoff).

Koordersiodendron pinnatum

Platypus laevis Brown.

Kopsia flavida

Platypus insulindicus Schedl. *Xyleborinus andrewesi* (Blandford). *Xyleborus adusticollis* (Motschulsky).

Kosteletzkya adoensis

Hypothenemus grandis Schedl.

Kotschya africana

Thamnungus granulicollis Schedl.

Kududarula spp.

Ambrosiodinus obliquecaudata Motschulsky.

Kydia calycina

Eraoladius corpulentus (Sampson). *Eucallacea interjectus* (Blandford). *Xyleborus fallax* Eichhoff. *Xyleborus perforans* (Wollaston). *Xyleborus similis* Ferrari.

Lactuca spp.

Hypothenemus grandis Schedl.

Lagenaria vulgaris

Cosmoderes monilicollis Eichhoff.

Lagerstroemia flos-reginae

Xylosandrus crassiusculus (Motschulsky).

Lagerstroemia hypoleuca

Crossotarsus terminatus Chapuis. *Xyleborus cognatus* Blandford.

Lagerstroemia lanceolata

Crossotarsus minax (Walker). *Sphaerotrypes globulus* Blandford.

Lagerstroemia parviflora

Crossotarsus externedentatus (Fairmaire). *Platypus cavus* Strohmeyer. *Sphaerotrypes globulus* Blandford. *Xyleborus perforans* (Wollaston).

Lagerstroemia speciosa

Xylosandrus crassiusculus (Motschulsky).

Lagunaria leucantha

Hypothenemus eruditus Westwood.

Lagunaria patersonia

Platypus norfolkensis Schedl.

Laudera pulcherrime

Coccotrypes nubilus (Blandford).

Laudolphiu ouariensis

Platypus intermedius (Schedl). *Platypus solutus* Schedl.

Laudolphia robusta

Ctenoxylon flavescens Hagedorn.

Laudolphia spp.

Scolytogenes sodalis (Schedl).

Lansea grandis

Coccotrypes nubilus (Blandford). *Crossotarsus externedentatus* (Fairmaire). *Platypus cupulatus* Chapuis. *Platypus latifinis* Walker. *Platypus lepidus* Chapuis. *Platypus secretus* Sampson. *Platypus solidus* Walker. *Xyleborinus andrewesi* (Blandford). *Xyleborinus artemis-triatus* (Eichhoff). *Xyleborus shoreae* (Stebbing). *Xylosandrus crassiusculus* (Motschulsky).

Lansea wehlcitschii

Doliopygus serratus (Strohmeyer). *Periommatius grandis* Schedl. *Platypus hintzi* Schauffuss. *Platypus parallelus*

(Fabricius). *Xyleborus affinis* Eichhoff. *Xyleborus ferrugineus* (Fabricius). *Xyleborus picus* (Motschulsky).

Lansea zenkeri

Platypus hintzi Schauffuss.

Lansium domesticum

Coptodryas nudipennis (Schedl). *Cyrtogenius brevior* (Eggers). *Xyleborinus andrewesi* (Blandford). *Xyleborus adusticollis* (Motschulsky). *Xylosandrus nudipennis* (Schedl).

Lansium spp.

Coptodryas elegans (Sampson).

Lantana salvifolia

Eucallacea xanthopus (Eichhoff). *Xyleborus principalis* Eichhoff.

Lantana spp.

Ambrrosiodinus lantanae (Eggers). *Eucallacea formicatus* (Eichhoff). *Xylosandrus compactus* (Eichhoff). *Xylosandrus terminatus* (Eggers).

Laportea spp.

Platypus jansoni Chapuis. *Platypus solidus* Walker.

Larix americana

Hylurgops rugipennis pinifex Fitch.

Larix dahurica

Carphoborus cholodkorskyi Spessivtsev. *Cryphalus latus* Eggers. *Hylurgops spessivtseri* Eggers. *Polygraphus proximus* Blandford.

Larix dahurica koreana

Dryocoetes infuscatus Murayama. *Polygraphus horyurensis* Murayama.

Larix europaea

Crypturus hispidulus Thomson. *Hylastes cunicularius* Erichson. *Orthotomicus laricis* (Fabricius). *Pityogenes irkutensis* Eggers. *Pityokteines curvidens* (Germar). *Pityokteines spinidens* (Reitter). *Pityophthorus buyssoni* Reitter. *Pityophthorus glabratus* Eichhoff.

Larix gmelini

Cryphalus latus Eggers. *Cryphalus premayaensis* Murayama. *Polygraphus sachalinensis* Eggers.

Larix griffithiana

Trypodendron dorjitenzi Schmutzzenhofer.

Larix laricina

Carphoborus dunni Swaine. *Dendroctonus simplex* LeConte. *Dendroctonus valens* LeConte. *Pityophthorus consimilis* LeConte. *Pityophthorus opaculus* LeConte. *Polygraphus rugipennis* (Kirby). *Scolytus piceae* (Swaine).

Larix leptolepis

Cryphalus laricis Nüßima. *Dryocoetes karamatsu* Sawamoto. *Polygraphus kisoensis* Nüßima. *Xyleborus seriatus* Blandford.

Larix lyallii

Pityophthorus alpinensis G. Hopping. *Scolytus laricis* Blackman.

Larix occidentalis

Dendroctonus pseudotsugae Hopkins. *Scolytus laricis* Blackman. *Xylechinus montanus* Blackman.

Larix olgensis coreana

Trypodendron gainaensis (Murayama).

Larix potanini

Polygraphus zhungdianensis Tsai & Yin.

Larix sibirica

Carphoborus teplouchovi Spessivtsev. *Pityophthorus lichtensteini* (Ratzeburg). *Pityophthorus micrographus* (Linnaeus). *Polygraphus poligraphus* (Linnaeus). *Polygraphus seriatus* Reitter. *Scolytus morawitzii* Semenov.

Larix spp.

Cryphalus asperatus (Gyllenhal), *Cryphalus latus* Eggers, *Dendroctonus micans* (Kugelann), *Dryocoetes affaber* (Mannerheim), *Dryocoetes autographus* (Ratzeburg), *Dryocoetes baikalicus* Reitter, *Dryocoetes pini* Nüßima, *Dryocoetes rugicollis* Eggers, *Gnathotrichus materiarius* (Fitch), *Hylastes nigrinus* (Mannerheim), *Hylurgops glabratus* (Zetterstedt), *Hylurgops palliatus* (Gyllenhal), *Ips acuminatus* (Gyllenhal), *Ips cembrae* (Heer), *Ips typographus* (Linnaeus), *Orthotomicus caelatus* (Eichhoff), *Orthotomicus suturalis* (Gyllenhal), *Pityogenes chalcographus* (Linnaeus), *Scolytus morawitzi* Semenov, *Xyleborinus saxeseni* (Ratzeburg), *Xylechinus pilosus* (Ratzeburg).

Larrea tridentata

Chactophloeus fasciatus (Blackman).

Lasiodiscus spp.

Ambrosiodinus albizzianus (Schedl).

Lauraceae spp.

Xyleborus piccus (Motschulsky).

Laurineae spp.

Platypus puerulus (Schedl).

Laurus alba

Thamurgus kaltenbachii (Baeh).

Laurus camphora

Ambrosiodinus camphorae (Hagedorn).

Laurus canariensis

Liparthrum nigrescens Wollaston.

Laurus nobilis

Hypothenemus lustrix (Eggers), *Liparthrum colchicum* Semenov, *Liparthrum laurivorus* Schedl.

Lebrunia sushaie

Chactastus montanus Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus scobinatus* Hagedorn.

Lecaniodiscus cupanioides

Doliopygus erichsoni (Chapuis), *Doliopygus medius* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Trachyostus schoutedeni* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky).

Lecaniodiscus spp.

Ambrosiodinus eichhoffi (Schreiner), *Prennobiaus cavipennis* Eichhoff.

Lecythis costaricensis

Phloeoborus punctatoriosus Chapuis.

Lecythis spp.

Phelloterusanaxus Wood, *Platypus cersus* Wood, *Platypus nudatus* Wood, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).

Leea crispa

Xylosandrus crassiusculus (Motschulsky).

Leea sambucina

Xylosandrus crassiusculus (Motschulsky).

Leea spp.

Xyleborinus andrewesi (Blandford).

Leonotis africana

Eucallalcea xanthopus (Eichhoff).

Leptoderris laurentii

Doliopygus conradti (Strohmeyer), *Xyleborus alluandi* Schaufuss.

Leptolaena multiflora

Ambrosiodinus artegranulatus (Schedl), *Mitosoma lobatum* Schedl, *Mitosoma obtusum* Schedl, *Polygraphus amoenus* (Schaufuss), *Xyleborinus forficuloides* (Schedl).

Leptonychia bantangensis

Xyleborus barumbensis Eggers.

Leptospermum ericoides

Anasa truncatus (Erichson).

Leucaenia glauca

Crossotarsus externedentatus (Fairmaire), *Hypothenemus brunneus* (Hopkins), *Hypothenemus eruditus* Westwood, *Hypothenemus javanus* (Eggers), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

Leucaenia leucocephala

Eccoptyterus spinosus (Olivier).

Leucaenia pulverulenta

Chramesus mimosae Blackman, *Hyllocurus atkinsoni* Wood.

Leucaenia spp.

Ambrosiodinus wilderi (Beeson), *Eucallalcea fornicatus* (Eichhoff), *Xyleborus swazeyi* Beeson, *Xylosandrus compactus* (Eichhoff).

Leucas spp.

Mimioecurus congonus (Schedl).

Leucosceptrum canum

Eucallalcea velatus (Sampson), *Eucallalcea wallacii* (Blandford).

Lezjarai spp.

Hypothenemus eruditus Westwood.

Libocedrus decurrens

Phloeosinus antennatus Swaine, *Phloeosinus fulgens* Swaine, *Phloeosinus hoppingi* Swaine, *Phloeosinus punctatus* LeConte, *Phloeosinus sequoiae* Hopkins, *Phloeosinus tandykoi* Swaine.

Licania spp.

Phelloterusanaxus Wood, *Platypus exitialis* Wood, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).

Ligustrum spp.

Ambrosiodinus rubricollis (Eichhoff), *Lanurgus barbatus* Eggers.

Limaciopsis loangensis

Doliopygus artespianatus (Schedl).

Lindackeria dentata

Doliopygus bilobatus (Schedl), *Doliopygus conradti* (Strohmeyer).

Lindera benzoin

Xyleborus sayi (Hopkins).

Lindera erythrocarpa

Crossotarsus niponicus Blandford, *Platypus quercivorus* Murayama, *Xylosandrus germanus* (Blandford), *Xylosandrus mutilatus* (Blandford).

Lindera latifolia

Coptodryas recidens (Sampson), *Eucallalcea bicolor* (Blandford), *Xyleborus glabratus* Eichhoff.

Lindera pulcherrima

Diapus quadrispinatus Chapuis, *Diapus quinquespinatus* Chapuis, *Diapus spatulifer* Brownie, *Scolytogenes cylonicus* (Schedl).

Lindera spp.

Ambrosiodinus obliquus (LeConte), *Scolytplatypus tycon* Blandford, *Xylosandrus brevis* (Eichhoff), *Xylosandrus mutilatus* (Blandford).

Lindera thunbergii

Crossotarsus simplex Murayama.

Lippia spp.

Ambrosiodinus aegir (Eggers).

- Lippia substrigosa*
Corthylus mexicanus Schedl.
- Liquidambar orientalis*
Platypus simulans Schedl.
- Liquidambar spp.**
Xylosandrus compactus (Eichhoff).
- Liquidambar styraciflua**
Cnesimus strigicollis LeConte, *Dryocoetes betulae* Hopkins, *Hypothenemus cruditus* Westwood, *Hypothenemus interstitialis* (Hopkins), *Hypothenemus seriatus* (Eichhoff), *Monarthrum fasciatum* (Say), *Monarthrum mali* (Fitch), *Pityophthorus liquidambaris* Blackman, *Pityophthorus molestus* Wood, *Xyleborus ferrugineus* (Fabricius).
- Liriodendron spp.**
Ambrosiodinus tachygraphus (Zimmermann), *Xyleborus dispar* (Fabricius), *Xyleborus obesus* LeConte.
- Liriodendron tulipifera**
Corthylus columbianus Hopkins, *Trischlidias atomus* (Hopkins), *Xyleborus saji* (Hopkins), *Xylosandrus germanus* (Blandford).
- Liriosma singularis**
Premnobius cavipennis Eichhoff, *Taurodemus perbebae* (Ferrari), *Xyleborinus reconditus* (Schedl), *Xyleborus rugosipennis* Schedl.
- Lithocarpus amygdalifolia**
Xyleborus atratus Eichhoff.
- Lithocarpus densiflorus**
Monarthrum scutellare (LeConte).
- Lithocarpus edulis**
Platypus quercitorus Murayama.
- Lithocarpus konishii**
Diapus formosanus Niisima & Murayama.
- Lithocarpus spp.**
Diapus latespinis Schedl, *Diapus nannus* Schedl, *Diapus perpygmaeus* Roberts, *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Diapus robustus* Schedl, *Platypus novaezelandensis* Roberts, *Xyleborus armiger* Schedl, *Xyleborus arripennis* Schedl.
- Lithocarpus stipitata**
Xyleborus atratus Eichhoff.
- Lithocarpus ternaticupula**
Xyleborus atratus Eichhoff.
- Lithocarpus wallichianus**
Amasus schliehi (Stebbing), *Crossotarsus longicollis* Browne, *Crossotarsus squamulatus* Chapuis, *Cyclorhipidion punctatopilosum* (Schedl), *Platypus pseudocupulatus* Schedl, *Xylosandrus crassiusculus* (Motschulsky).
- Litsea amara**
Phloeocraonus bruchioides Schedl, *Xylosandrus pygmaeus* (Eggers).
- Litsea cassiaefolia**
Xylosandrus compactus (Eichhoff).
- Litsea dolichocarpa**
Xyleborus atratus Eichhoff.
- Litsea domarensis**
Hyledius nitidicollis (Motschulsky), *Platypus jansoni* Chapuis, *Sicus niisimai* (Eggers).
- Litsea elongata**
Diapus spatulifer Browne, *Scolytotplatypus pubescens* Hagedorn, *Scolytotplatypus raja* Blandford, *Xyleborus glabratus* Eichhoff.
- Litsea megacarpa**
Crossotarsus wallacei (Thomson), *Hadrodemius globus* (Blandford), *Platypus pseudocupulatus* Schedl, *Xylosandrus nancus* (Blandford).
- Litsea polyantha**
Coccotrypes myristicae (Roepke), *Platypus solidus* Walker, *Xyleborus perforans* (Wollaston).
- Litsea spp.**
Crossotarsus porcatus Roberts, *Diapus amblylaminatus* Roberts, *Diapus bimaculatus* Schedl, *Diapus nebulosus* Roberts, *Diapus unispinus* Roberts, *Phloeocraonus bruchioides* Schedl, *Scolytotplatypus daujeelingi* Stebbing, *Xyleborus perforans* (Wollaston).
- Litsea umbrosa**
Xyleborus eggersi Beeson.
- Litsea zeylanica**
Ambrosiodinus asperatus (Blandford), *Platypus furcatus* Blandford.
- Livistona cochinchinensis**
Coccotrypes barbatus (Schedl), *Coccotrypes nitidus* (Eggers).
- Livistona jenkinsiana**
Platypus shillongensis Schedl.
- Livistona spp.**
Coccotrypes carpophagus (Hornung), *Coccotrypes dactylipera* (Fabricius), *Xyleborus perforans* (Wollaston).
- Lobelia bequaertii**
Thamniurgus lobeliae Eggers.
- Lobelia gibberoa**
Cyrtogenius molociae (Schedl), *Thamniurgus africanus* Eggers, *Thamniurgus zukwala* Scott.
- Lobelia spp.**
Thamniurgus africanus Eggers, *Thamniurgus punctatissimus* Eggers, *Xyleborus piceus* (Motschulsky).
- Lobelia telekii**
Thamniurgus lobeliae Eggers.
- Lobelia wollastonii**
Thamniurgus lobeliae Eggers.
- Lodoicea callipyge**
Xyleborus perforans (Wollaston).
- Lodoicea sechellarum**
Xyleborus ferrugineus (Fabricius), *Xyleborus perforans* (Wollaston).
- Lomatia hirsuta**
Xylechinus spathifer Schedl.
- Lonchocarpus capassa**
Liparthrum australis Schedl.
- Lonchocarpus castilloi**
Chramesus erenatus Wood, *Cnesimus strigicollis* LeConte.
- Lonchocarpus constrictus**
Chramesus vitiosus Wood.
- Lonchocarpus guatemalensis**
Chramesus vitiosus Wood.
- Lonchocarpus margaritensis**
Scolytus dimidiatus Chapuis, *Xyleborus ferrugineus* (Fabricius).
- Lonchocarpus sericeus**
Doliopygus brevis (Strohmeyer), *Doliopygus perbrevis* Schedl, *Platypus hiutzi* Schanfuss, *Tiarophorus intermedius* Schedl.
- Lonchocarpus spp.**
Chramesus periosus Wood, *Chramesus securus* Wood, *Hylesinopsis rhodesianus* (Eggers), *Pseudotlusyanoes squameus* Wood, *Rhopalopselion lonchocarpace* (Schedl), *Scolytus dimidiatus* Chapuis, *Scolytus propinquus* Blandford, *Strombophorus interstitialis* Browne.
- Lonicera caprifolium**
Xylosandrus morigerus (Blandford).

Lonicera spp.

Hypothenemus eruditus Westwood, *Xylosandrus discolor* (Blandford).

Lophira alata

Cylindropalpus auricomans (Schauffuss), *Platypus hintzi* Schauffuss, *Platypus parallelus* (Fabricius), *Premnobius cortlyloides* Hagedorn, *Xyleborus affinis* Eichhoff, *Xyleborus rotulus* (Fabricius).

Lophira procera

Platypus parallelus (Fabricius), *Xyleborus affinis* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky).

Lophira spp.

Premnobius cavipennis Eichhoff.

Lophopetalum spp.

Ambrosiodinus sarawakensis (Eggers), *Baiocis pernamudus* (Schedl), *Platypus lingulatus* Roberts & Morimoto, *Platypus lophopetali* Browne, *Platypus pseudocupulatus* Schedl, *Platypus puerulus* (Schedl).

Loranthus spp.

Cyrtogenius polyphagus (Schedl), *Thamniurgus granulicollis* Schedl, *Xylocleptes sidanus* (Schedl), *Xylosandrus abruptulus* (Schedl).

Loroa brocunii

Chaetastus tuberculatus (Chapuis), *Doliopygus artemspinatus* (Schedl), *Doliopygus chapuisi* (Duvivier), *Doliopygus excavatus* (Sampson), *Xyleborus alhuaudi* Schauffuss.

Loroa klaineana

Xyleborus affinis Eichhoff, *Xyleborus alhuaudi* Schauffuss, *Xylosandrus crassiusculus* (Motschulsky).

Loroa spp.

Doliopygus excavatus (Sampson), *Periommatius excisus* Strohmeyer, *Periommatius longicollis* Chapuis.

Loroa trichilioides

Chaetastus tuberculatus (Chapuis), *Doliopygus artemspinatus* (Schedl), *Doliopygus bitalei* Schedl, *Doliopygus coelocephalus* (Schauffuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Hypothenemus eruditus* Westwood, *Periommatius grandis* Schedl, *Platypus parallelus* (Fabricius), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alhuaudi* Schauffuss, *Xyleborus amanicus* Hagedorn, *Xyleborus principalis* Eichhoff, *Xyleborus splencus* Sampson, *Xyleborus rotulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Lucuma malaccensis

Platypus loricatus (Sampson), *Platypus signatus* Chapuis, *Platypus westwoodi* Chapuis.

Luffa acutangula

Dendrocraniulus cucurbitae (LeConte), *Dendrocraniulus sobrinus* Wood.

Luffa aegyptiaca

Cosmoderes monilicollis Eichhoff.

Luffa spp.

Xylosandrus crassiusculus (Motschulsky).

Lupinus spp.

Chramesus editus (Bright).

Lysiloma bahamensis

Hypothenemus brunneus (Hopkins), *Hypothenemus hirsutus* (Wood), *Hypothenemus squamosus* (Hopkins).

Maba abyssinica

Xyleborus elongatus Eggers, *Xyleborus ugandensis* Schedl.

Maba laurentii

Doliopygus citri Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus subdolosus* Schedl, *Doliopygus tenuis* (Strohmeyer), *Mesoplatypus ustus* Schedl, *Platy-*

pus hintzi Schauffuss, *Xyleborus multispinatus* Eggers, *Xyleborus scobinatus* Hagedorn.

Maba sandwicensis

Crossotarsus externedentatus (Fairmaire).

Maba spp.

Glostatus acaciae (Schedl), *Scolytoplatypus fasciatus* Hagedorn, *Trachyostus aterrimus* (Schauffuss).

Macadamia indica

Coccotrypes cyperi (Beeson).

Macadamia spp.

Eucallacea formicatus (Eichhoff), *Xylosandrus compactus* (Eichhoff).

Macaranga aleuritoides

Hypothenemus quadriceps Browne.

Macaranga audamunica

Diamerus curvifer (Walker).

Macaranga barteri

Periommatius grandis Schedl, *Periommatius longicollis* Chapuis, *Platypus orientalis* (Strohmeyer).

Macaranga denticulata

Coccotrypes cyperi (Beeson), *Coccotrypes longior* (Eggers), *Coccotrypes nubilis* (Blandford), *Diamerus nigresetosus* Eggers, *Eucallacea interjectus* (Blandford), *Eucallacea telatus* (Sampson), *Eucallacea wallacei* (Blandford), *Platypus lopchuensis* Schedl, *Scolytoplatypus raja* Blandford.

Macaranga gigantea

Coccotrypes cinamomi (Eggers), *Coccotrypes medius* (Eggers).

Macaranga kilimandjarica

Crossotarsus externedentatus (Fairmaire).

Macaranga laucifolia

Chaetastus tuberculatus (Chapuis), *Cylindropalpus laudatus* (Schedl), *Doliopygus donisi* Schedl, *Doliopygus erichsoni* (Chapuis), *Doliopygus lateralis* Schedl, *Doliopygus leferrei* Schedl, *Doliopygus minor* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Hypothenemus eruditus* Westwood, *Periommatius excisus* Strohmeyer, *Periommatius subrobustus* Schedl, *Platypus hintzi* Schauffuss, *Platypus impressus* (Strohmeyer), *Platypus picinus* Schedl, *Platypus schenklingi* (Strohmeyer), *Platypus spinulosus* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus alhuaudi* Schauffuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus rotulus* (Fabricius).

Macaranga monandra

Xylosandrus crassiusculus (Motschulsky).

Macaranga neonildbraediana

Eucallacea xanthopus (Eichhoff).

Macaranga schweinfurthii

Chaetastus tuberculatus (Chapuis).

Macaranga spiuosa

Platypus minutissimus Schedl, *Xyleborinus sharpae* (Hopkins).

Macaranga spp.

Amasa versicolor (Sampson), *Chaetastus montanus* Schedl, *Crossotarsus terminatus* Chapuis, *Cyclorhizipidion bicinctum* (Schedl), *Diapys bilunatus* Schedl, *Diapys papuanus* Schedl, *Diapys nebulosus* Roberts, *Diapys turgidus* Roberts, *Doliopygus bidentatus* (Strohmeyer), *Doliopygus bilobatus* (Schedl), *Doliopygus lateralis* Schedl, *Doliopygus reclusus* Schedl, *Platypus capitilunatus* Roberts & Morimoto, *Platypus collinus* Browne, *Platypus jansoni* Chapuis, *Platypus opacideclivis* Schedl, *Platypus picinus* Schedl, *Platypus solidus* Walker, *Prem-*

nobis caripennis Eichhoff, *Prennobius sexspinosus* Eggers, *Scolytoplatypus mikado* Blandford, *Scolytoplatypus occidentalis* Brownie, *Scolytoplatypus truncatus* Brownie, *Trizostus marshalli* (Sampson), *Xyleborinus gracilipennis* (Schedl), *Xyleborinus quadrispinosus* (Eichhoff), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborinus similans* (Eggers), *Xyleborus truncatus* Schedl, *Xylosandrus difficilis* (Eggers), *Xylosandrus morigenus* (Blandford).

Machilus edulis

Diapus spatulifer Brownie.

Machilus japonica

Platypus calamus Blandford, *Scolytus aratus* Blandford, *Xyleborus machili* Nisima.

Machilus longipaniculata

Crossotarsus reugetensis Nisima & Murayama, *Xyleborus atratus* Eichhoff.

Machilus macrantha

Coccotrypes cinnamomi (Eggers), *Coccotrypes variabilis* (Beeson), *Platypus circumdentatus* Strohmeyer.

Machilus odoratissima

Crossotarsus externedentatus (Fairmaire), *Crossotarsus machili* Beeson, *Diapus quadrispinatus* Chapuis, *Diapus quinquespinatus* Chapuis, *Eucallacea velatus* (Sampson), *Indocryphalus machili* Wood, *Phloeosinus machilus* (Schedl), *Phloeosinus squannulatus* Chapuis, *Platypus curtatus* Sampson, *Platypus falcatus* Strohmeyer, *Scolytoplatypus minimus* Hagedorn, *Scolytoplatypus raja* Blandford, *Xyleborus improbus* Sampson, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford).

***Machilus* spp.**

Anasa amputatus (Blandford), *Ambrosiodmus apicalis* (Blandford), *Ambrosiodmus rubricollis* (Eichhoff), *Diapus spatulifer* Brownie, *Eucallacea interjectus* (Blandford), *Eucallacea validus* (Eichhoff), *Hadrodemus anorplus* (Eggers), *Hadrodemus artemomus* (Schedl), *Scolytoplatypus mikado* Blandford, *Scolytoplatypus tycon* Blandford, *Xyleborus aquilus* Blandford, *Xyleborus kinamotocensis* Murayama, *Xyleborus pfeili* (Ratzeburg), *Xylosandrus germanus* (Blandford).

Machilus thumbergii

Cnestus murayamai Schedl, *Crossotarsus niponicus* Blandford, *Dryocoetips coffeae* (Eggers), *Indocryphalus pubipennis* (Blandford), *Phloeosinus pulchellus* Blandford, *Platypus calamus* Blandford, *Platypus contaminatus* (Blandford), *Sucus nisimae* (Eggers), *Taphrozyelus taradakensis* (Murayama), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus atratus* Eichhoff, *Xyleborus volutus* (Fabricius), *Xylosandrus brevis* (Eichhoff), *Xylosandrus discolor* (Blandford), *Xylosandrus mutilatus* (Blandford).

Maclura pomifera

Hypothenemus scriatus (Eichhoff), *Liparthrum squamosum* (Blackman).

Macphersonia malagascariensis

Mitosoma excisum Schaufuss, *Xyleborinus spiculatus* (Schaufuss), *Xyleborus alluaudi* Schaufuss.

Macrolobium heudelotii

Ambrosiodmus tropicus (Hagedorn), *Cyclorhpidion cachani* (Schedl), *Cylindropalpus avricomans* (Schaufuss), *Doliopygus serratus* (Strohmeyer), *Xyleborinus similans* (Eggers), *Xyleborus ambasiusculus* Eggers, *Xyleborus subtuberculatus* Eggers.

Macrolobium macrophyllum

Cylindropalpus avricomans (Schaufuss), *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers,

Xyleborus rothkirchi Eggers, *Xylosandrus crassiusculus* (Motschulsky).

***Macrolobium* spp.**

Ambrosiodmus tropicus (Hagedorn), *Coptoborus usagarius* (Eggers), *Hypothenemus macrolobii* (Eggers), *Prennobius caripennis* Eichhoff, *Prennobius quadrispinosus* Schedl, *Prennobius sexspinosus* Eggers, *Xyleborinus sharpae* (Hopkins), *Xyleborus ambasiusculus* Eggers, *Xyleborus conradi* Hagedorn, *Xyleborus multispinatus* Eggers, *Xyleborus subtuberculatus* Eggers, *Xylosandrus corthyloides* (Schedl), *Xylosandrus crassiusculus* (Motschulsky).

***Madhuca* spp.**

Anasa striatotruncatus (Schedl), *Crossotarsus externedentatus* (Fairmaire).

Madrilus edulis

Xyleborus lineatus Eggers.

Maesa lanceolata

Eucallacea xanthopus (Eichhoff).

Maesa rufescens

Chaetatus montanus Schedl, *Doliopygus artespinatus* (Schedl), *Doliopygus bidentatus* (Strohmeyer), *Eucallacea xanthopus* (Eichhoff), *Platypus impressus* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Theoborus ricini* (Eggers), *Xyleborus alluaudi* Schaufuss, *Xyleborus principalis* Eichhoff.

***Maesa* spp.**

Chaetatus montanus Schedl, *Eucallacea malloti* (Eggers), *Scolytoplatypus kiruensis* Schedl, *Xyleborus ruandae* Schedl.

Maesa tenera

Xylosandrus brevis (Eichhoff).

***Maesobotrya* spp.**

Scolytoplatypus kiruensis Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus africanus* Eggers, *Xyleborus alluaudi* Schaufuss.

Maesopsis eminii

Ambrosiodmus albizzianus (Schedl), *Coptoborus usagarius* (Eggers), *Cyclorhpidion crucipenne* (Schedl), *Doliopygus conradi* (Strohmeyer), *Doliopygus retusus* Schedl, *Doliopygus serratus* (Strohmeyer), *Periommatius excisus* Strohmeyer, *Periommatius subrobustus* Schedl, *Platypus hintzi* Schaufuss, *Scolytoplatypus africanus* Eggers, *Xyleborus affinis* Eichhoff, *Xyleborus volutus* (Fabricius).

***Maesopsis* spp.**

Prennobius caripennis Eichhoff.

Magnolia cathartii

Platypus errans (Sampson).

Magnolia foetida

Hypothenemus eruditus Westwood.

Magnolia glauca

Cuesinus strigicollis LeConte, *Hypothenemus eruditus* Westwood.

Magnolia grandiflora

Platypus compositus Say.

Magnolia obovata

Crossotarsus niponicus Blandford, *Eucallacea validus* (Eichhoff), *Xyleborinus attenuatus* (Blandford).

***Magnolia* spp.**

Hypothenemus erudiae (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus interstitialis* (Hopkins), *Scolytoplatypus shogun* Blandford.

Magnolia virginiana

Hypothenemus eruditus Westwood.

Malacantha spp.

Chaetastus montanus Schedl, *Doliopygus bidentatus* (Strohmeyer).

Malaisia scandens

Cryphalus waplerei Eichhoff.

Mallotus albus

Carchesiopygus impariporus (Beeson), *Hadrolemius pseudocomanus* (Eggers), *Platypus solidus* Walker, *Webbia triguittispinatus* Sampson.

Mallotus japonicus

Eucallacca validus (Eichhoff), *Platypus calamus* Blandford, *Xyleborus aquilus* Blandford, *Xyleborus scriatus* Blandford, *Xyleborus rotulus* (Fabricius).

Mallotus philippinensis

Coccotrypes nubilis (Blandford), *Eucallacca bicolor* (Blandford), *Eucallacca malloti* (Eggers), *Xyleborinus artestriatus* (Eichhoff), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

Mallotus ricinoides

Cryphalus malloti Schedl, *Scolytplatypus pusillus* Eggers.

Mallotus roxburghianus

Crossotarsus machili Beeson.

Mallotus spp.

Xyleborinus andrewesi (Blandford).

Malus formosana

Xyleborus atratus Eichhoff.

Malus pumila

Ambrosiodermus apicalis (Blandford), *Scolytus aratus* Blandford, *Xylosandrus crassiusculus* (Motschulsky).

Malus sieboldii

Xyleborus montanus Niisima.

Malus spp.

Corthylus mexicanus Schedl, *Hypothenemus eruditus* Westwood, *Scolytus lacris* Chapuis, *Scolytus mali* (Bechstein), *Scolytus pomi* Yin & Huang, *Scolytus rugulosus* (Müller), *Scolytus semenovi* (Spessivtsev), *Scolytus tadzhikistanicus* Stark, *Tiarophorus scrutator* (Pandelle), *Xyleborinus saevens* (Ratzeburg).

Malus sylvestris

Xylosandrus pseudosolidus (Schedl).

Malvastrum spp.

Hypothenemus californicus Hopkins, *Xylosandrus compactus* (Eichhoff).

Mammea africana

Doliopygus coeloccephalus (Schaufuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus erichsonii* (Chapuis), *Doliopygus expletus* Schedl, *Doliopygus ghesquieri* (Schedl), *Doliopygus lateralis* Schedl, *Doliopygus lebrunii* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus propinquus* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Periommatous excisus* Strohmeyer, *Periommatous longicollis* Chapuis, *Platypus solutus* Schedl, *Trachytostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus rotulus* (Fabricius).

Mammea americana

Coccotrypes cyperi (Beeson).

Mammea spp.

Ambrosiodermus eichhoffi (Schreiner).

Mangifera caesia

Xyleborinus andrewesi (Blandford).

Mangifera foetida

Xyleborus emarginatus Eichhoff.

Mangifera indica

Ambrosiodermus diversipennis (Schedl), *Ambrosiodermus*

fraterculus (Schaufuss), *Ambrosiodermus hagedorni* (Iglesias), *Coccotrypes confusus* (Eggers), *Coccotrypes cyperi* (Beeson), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus minax* (Walker), *Cryptocarcinus scriatus* Eggers, *Cyclohrupidium mangoense* (Schedl), *Diamerus mangiferae* Browne, *Diamerus nigrisetosus* Eggers, *Diapus quinquepinatus* Chapuis, *Eccoptotenus spinosus* (Olivier), *Eucallacca interjectus* (Blandford), *Eucallacca xanthopus* (Eichhoff), *Ficicis despectus* (Walker), *Hypocryphalus mangiferae* (Stebbing), *Hypothenemus birmanus* (Eichhoff), *Hypothenemus californicus* Hopkins, *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus gossypii* (Hopkins), *Hypothenemus javanicus* (Eggers), *Hypothenemus mangoni* Schedl, *Hypothenemus morio* (Eggers), *Hypothenemus scriatus* (Eichhoff), *Hypothenemus setosus* (Eichhoff), *Platypus jansoni* Chapuis, *Platypus latifinis* Walker, *Platypus solidus* Walker, *Prennobilus ambitiosus* (Schaufuss), *Xyleborinus andrewesi* (Blandford), *Xyleborinus artestriatus* (Eichhoff), *Xyleborinus forficuloides* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus biconicus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus haberkorni* Eggers, *Xyleborus metacucubus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xyleborus spinulosus* Blandford, *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford), *Xylosandrus niancus* (Blandford), *Xylosandrus pseudosolidus* (Schedl).

Mangifera minor

Platypus jansoni Chapuis.

Mangifera odorata

Hypocryphalus mangiferae (Stebbing), *Xyleborus metacucubus* Eggers, *Xylosandrus compactus* (Eichhoff).

Mangifera spp.

Crossotarsus brounei Schedl, *Diapus nanus* Schedl, *Diapus pusillimus* Chapuis, *Eucallacca fornicatus* (Eichhoff), *Platypus oratus* Strohmeyer, *Platypus pseudocupulatus* Schedl, *Prennobilus caripennis* Eichhoff.

Manihot gluziorii

Xyleborus affinis Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piccus* (Motschulsky).

Manihot utilissima

Hypothenemus bahianiae Schedl, *Platypus parallelus* (Fabricius), *Xyleborus ferrugineus* (Fabricius).

Mauikara hexandra

Scolytomimus rectus Wood.

Manikara kauki

Coccotrypes carpophagus (Homung).

Maniltoa spp.

Crossotarsus miszcechi Chapuis, *Platypus misoolensis* Browne, *Platypus viticensis* Roberts.

Mansonia altissima

Doliopygus nairobiensis (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluandi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piccus* (Motschulsky).

Manuglieta insignis

Dactylipalpus transtversus Chapuis.

Maregraria spp.

Prennobilus caripennis Eichhoff, *Xyleborinus gracilis* (Eichhoff), *Xyleborus parcellus* Wood, *Xyleborus rugosipennis* Schedl.

Marumia muscosa

Crossotarsus terminatus Chapuis, *Platypus fraterculus* Schedl, *Xylosandrus morigerus* (Blandford).

Mauloutchia spp.

Mitosoma octospinosum Schedl, *Mitosoma suspicax* Schedl, *Sauroptilius sauropterus* (Schedl).

Mauria glauca

Pityophthorus debilis Wood.

Maytenus acuminatus

Lanurgus gracilis Schedl, *Lanurgus spatulatus* Schedl.

Maytenus spp.

Scolytoplattypus fasciatus Hagedorn.

Medicago sativa

Hylastinus obscurus (Marshall).

Melaleuca leucadendron

Xyleborus perforans (Wollaston).

Melaleuca spp.

Xylosandrus compactus (Eichhoff).

Melanorrhoea curtisii

Crossotarsus browni Schedl, *Xyleborus haberkorni* Eggers.

Melanorrhoea spp.

Arixyleborus scabripennis (Blandford), *Crossotarsus squamulatus* Chapuis, *Hadrodemius comans* (Sampson), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus manicus* (Blandford).

Melanorrhoea usitata

Polygraphus thüsi Wood, *Polygraphus texator* (Browne).

Melanthera brownii

Cyrtogenius polyphagus (Schedl), *Xylocleptes sidanus* (Schedl).

Melastoma malabathricum

Eucallalca fornicatus (Eichhoff).

Melastoma spp.

Xyleborinus saxeseni (Ratzeburg), *Xylosandrus compactus* (Eichhoff).

Melia azedarach

Crossotarsus rengaensis Niisima & Murayama, *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

Melia spp.

Cnestus suturalis (Eggers), *Xylosandrus compactus* (Eichhoff).

Melia azedarach japonica

Ambrosiodinus rubricollis (Eichhoff).

Melicocca bijugata

Xyleborus ferrugineus (Fabricius), *Xyleborus colulus* (Fabricius), *Xylosandrus laticeps* (Wood).

Melicoccus spp.

Xylosandrus compactus (Eichhoff).

Melicope neurococca

Ficicis varians Lea.

Melilotus spp.

Hylastinus obscurus (Marshall).

Meliosma cuneifolia

Xylosandrus brevis (Eichhoff).

Meliosma myriantha

Platypus calanus Blandford.

Meliosma simplicifolia

Platypus catus Strohmeyer, *Platypus indicus* Strohmeyer, *Platypus huiiger* Motschulsky, *Platypus secretus* Sampson.

Melochia odorata

Xyleborus immersus Schedl.

Melochia spp.

Xylosandrus compactus (Eichhoff).

Melochia umbellata

Xylosandrus crassiusculus (Motschulsky).

Melodorum fulgens

Ernoporus melodori (Hopkins).

Memocylon spp.

Coptodryas nugax (Schedl).

Menispermum spp.

Araptus trepidus Wood.

Meriania spp.

Scolytodes serenus Wood.

Mesogordonia spp.

Xyleborinus quadrispinosus (Eichhoff), *Xyleborus submolestus* Schedl.

Mespidolaphne spp.

Cyclorhipidion scalptor (Schedl), *Mitosoma paulianum* Schedl.

Mespilus germanica

Scolytus amygdali Guerin-Meneville.

Mespilus spp.

Scolytus rugulosus (Muller).

Mesua ferrea

Carchesiopygus impariporus (Beeson), *Coccotrypes monoceros* (Beeson), *Coccotrypes papuanus* (Eggers), *Crossotarsus bououloiri* Chapuis, *Crossotarsus schedli* Browne, *Cryphalus scabricollis* Eichhoff, *Dactylpalpus transersus* Chapuis, *Hadrodemius metacomans* (Eggers), *Platypus catus* Strohmeyer, *Platypus errans* (Sampson), *Xyleborinus andrewesi* (Blandford), *Xyleborus fallax* Eichhoff, *Xyleborus micronatulus* Eggers, *Xylosandrus mesua* (Eggers).

Mesua myriocarpa

Ambrosiodinus lewisi (Blandford).

Metopium toxiferum

Cryptocarenum seriatum Eggers, *Hypothenemus hirsutus* (Wood), *Pityophthorus concentralis* Eichhoff.

Metrosideros collina polymorpha

Xyleborinus saxeseni (Ratzeburg), *Xyleborus similimus* Perkins.

Metrosideros excelsa

Anasa truncatus (Erichson).

Michelia champaca

Ambrosiodinus lantanae (Eggers), *Coptodryas mus* (Eggers), *Cyclorhipidion hirtum* (Hagedorn).

Michelia excelsa

Diapus spatulifer Browne.

Michelia nilagirica

Platypus fuscatus Blandford.

Michelia oblonga

Platypus catus Strohmeyer.

Miconia caudata

Corthylus rubricollis Blandford, *Monarthrum carinulum* Wood, *Theoborus pristis* (Wood).

Miconia dodecandra

Corthylocyclon aztecum (Bright).

Miconia globuliflora

Corthylus collaris Blandford, *Corthylus serratus* Wood, *Corthylus strigilis* Wood, *Corthylus truncis* Wood, *Scolytodes pumilus* Wood, *Xyleborus affinis* Eichhoff.

Miconia pubescens

Monarthrum pematum (Schedl), *Monarthrum proximum* Wood.

Miconia schlechtendalii

Corthylus scutus Wood, *Micracis lignicolus* Wood.

Miconia spp.

Corthylocyclon aztecum (Bright), *Corthylocurus barbatus* (Blandford), *Corthylocurus mexicanus* (Schedl), *Corthylocurus comatus* Blandford, *Corthylocurus retusus* Wood, *Dryocoetoides capucinus* (Eichhoff), *Hypothenemus*

- erectus* LeConte, *Hypothenemus interstitialis* (Hopkins), *Micracis swaini* Blackman, *Microcorthyus demissus* Wood, *Monarthrum hoegei* (Blandford), *Scolytodes inmanis* Wood, *Taurodemus perebeae* (Ferrari), *Tricohus aciculatus* Wood, *Tricohus ovicollis* Blandford, *Xyleborus meritus* Wood.
- Microcos coriacea**
Doliopygus conradti (Strohmeyer), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditicus* (Schedl), *Premnobius quadrispinosus* Schedl, *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky).
- Microcos pinatifida**
Cylindropalpus granulatus (Schedl), *Doliopygus conradti* (Strohmeyer), *Doliopygus jurioni* Schedl, *Doliopygus interjectus* Schedl, *Doliopygus medius* Schedl, *Doliopygus subditicus* (Schedl), *Hypothenemus eruditus* Westwood, *Hypothenemus macrolobii* (Eggers), *Premnobius nodulosus* Hagedorn, *Xyleborinus gracilipennis* (Schedl), *Xyleborus tenellus* Schedl, *Xyleborus xylotrupes* Schedl, *Xylosandrus crassiusculus* (Motschulsky).
- Microcos spp.**
Diapus turgidus Roberts.
- Microdesmis puberula**
Cylindropalpus pumilio (Schedl), *Cylindropalpus pusillus* (Schedl), *Doliopygus citri* Schedl, *Doliopygus dubius* (Sampson), *Doliopygus jurioni* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditicus* (Schedl), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff.
- Microglossa volubilis**
Cyrtogenius motoliae (Schedl), *Hypothenemus attenuatus* Wood.
- Micromeles spp.**
Dryocoetes padi Stark, *Platypus volaticus* Schedl.
- Mikania scandens**
Dendrochilus mikaniae Schedl.
- Mildbraediendron excelsum**
Chaetastus tuberculatus (Chapuis), *Doliopygus perbrevis* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss.
- Millettia atropurpurea**
Platypus indicus Strohmeyer.
- Millettia dehiscens**
Platypus biuncus Blandford, *Platypus jansonii* Chapuis, *Platypus pseudocupulatus* Schedl.
- Millettia drastica**
Doliopygus conradti (Strohmeyer), *Hypothenemus eruditus* Westwood.
- Millettia duchesnei**
Doliopygus serratus (Strohmeyer), *Strombophorus crenatus* Hagedorn, *Strombophorus millettiae* Schedl, *Strombophorus vagans* Schedl.
- Millettia ferruginea**
Cyrtogenius millettiae (Schedl), *Cyrtogenius mulungensis* (Schedl), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus lefevrei* (Schedl), *Platypus impressus* (Strohmeyer), *Xyleborinus collarti* (Eggers), *Xyleborus alluaudi* Schaufuss, *Xyleborus piccus* (Motschulsky), *Xyleborus principalis* Eichhoff.
- Millettia hylobia**
Rhopalopselion congonum (Schedl).
- Millettia laurentii**
Hypothenemus eruditus Westwood.
- Millettia megasperma**
Scolytogenes tricolor (Lea).
- Millettia pendula**
Platypus lepidus Chapuis.
- Millettia spp.**
Acanthotomicus bicornis (Schedl), *Doliopygus falsificus* (Schedl), *Tiarophorus capucinus* Schedl, *Xyleborus multispinatus* Eggers.
- Millettia sutherlandi**
Doliopygus erichsoni (Chapuis).
- Millettia thoungii**
Doliopygus bulbifer Schedl.
- Mimosa ercvendbergii**
Chramesus unicornis Wood.
- Mimosa spp.**
Chaetophilocus andinus Wood, *Chramesus mimosae* Blackman, *Hylocurus parkinsoniae* Blackman, *Hypothenemus brunneus* (Hopkins), *Hypothenemus dolosus* Wood, *Hypothenemus erectus* LeConte, *Hypothenemus interstitialis* (Hopkins), *Hypothenemus opacus* (Eichhoff), *Hypothenemus rotundicollis* (Eichhoff), *Micracisella nanula* (LeConte), *Micracisella opacithorax* (Schedl), *Monarthrum fasciatum* (Say), *Pseudothymanoes acaciae* (Blackman), *Theoborus coartatus* (Sampson), *Thysanoes inornatus* Wood, *Thysanoes texanus* Blackman.
- Mimusops africana**
Xyleborus colvulus (Fabricius).
- Mimusops caffra**
Xylotomus scolytoides Eichhoff.
- Mimusops djave**
Platypus parallelus (Fabricius).
- Mimusops elengi**
Scolytominus mimusops Wood.
- Mimusops heckelii**
Chaetastus tuberculatus (Chapuis), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piccus* (Motschulsky), *Xyleborus colvulus* (Fabricius).
- Mimusops littoralis**
Scolytominus pusillus (Eggers), *Xyleborus bidentatus* (Motschulsky), *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.
- Mimusops spp.**
Xyleborus ferrugineus (Fabricius).
- Mitragyna spp.**
Ambrosiodinus eichhoffi (Schreiner), *Chaetastus tuberculatus* (Chapuis), *Doliopygus dubius* (Sampson), *Perionnatus exsitus* Strohmeyer, *Perionnatus subrobustus* Schedl, *Pityophthorus hintzi* Schedl, *Platypus hintzi* Schaufuss, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).
- Mitragyna stipulosa**
Chaetastus diversifrons Browne, *Platypus hintzi* Schaufuss, *Xyleborus affinis* Eichhoff, *Xyleborus piccus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).
- Mitrastemon spp.**
Coccotrypes barbatus (Schedl).
- Moerua spp.**
Ambrosiodinus signiceps (Schedl).
- Monodora myristica**
Chaetastus tuberculatus (Chapuis), *Hypothenemus pubipennis* (Eggers), *Mesoplatypus tenuis* Schedl, *Xyleborus alluaudi* Schaufuss.

Monotes kerstingii*Doliopygus terebraus* Schedl.**Morinda citrifolia***Xyleborus perforans* (Wollaston).**Morinda lucida***Chaetastus tuberculatus* (Chapuis), *Doliopygus conradti* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus lefei rei* Schedl., *Xyleborus affinis* Eichhoff, *Xyleborus subtuberculatus* Eggers.**Moringa oleifera***Hypothenemus eruditus* Westwood.**Moringa pterygosperma***Scolytogenes indicus* Wood.**Morisonia americana***Cucisnus setulosus* Blandford.**Morus acidosa***Xyleborus atratus* Eichhoff.**Morus alba***Ambrosiodinus rubricollis* (Eichhoff), *Chramesus setosus* Wood, *Cryphalus exiguus* Blandford, *Ficicis varians* Lea, *Phloeotribus frontalis* (Olivier), *Thysanocis fimbriicornis* LeConte, *Trypodendron domesticum* (Linnaeus), *Xyleborus atratus* Eichhoff.**Morus bombycis***Cryphalus exiguus* Blandford, *Xyleborus atratus* Eichhoff.**Morus lactea***Chaetastus tuberculatus* (Chapuis), *Hylesinopsis dubius* Eggers, *Xyleborus picus* (Motschulsky).**Morus mezozygia***Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Hylesinopsis dubius* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus coluculus* (Fabricius).**Morus mezozygia***Doliopygus brevis* (Strohmeyer), *Doliopygus perbrevis* Schedl., *Platypus hintzi* Schaufuss, *Xyleborus alluaudi* Schaufuss.**Morus rubra***Hylocurus langstoni* Blackman, *Hypothenemus columbi* Hopkins, *Hypothenemus crudiac* (Panzer), *Hypothenemus interstitialis* (Hopkins), *Phloeotribus frontalis* (Olivier).**Morus spp.***Ambrosiodinus rubricollis* (Eichhoff), *Doliopygus rapax* (Sampson), *Hypothenemus eruditus* Westwood, *Premnobius catipennis* Eichhoff, *Trachyostus aterrimus* (Schaufuss), *Xyleborus alluaudi* Schaufuss, *Xyleborus atratus* Eichhoff, *Xyleborus praecius* Blandford, *Xylosandrus germanus* (Blandford).**Motandra guineensis***Acanthotomicus biconicus* (Schedl).**Mucuna andreana***Araptus politus* (Blandford).**Mucuna fawcetti***Araptus politus* (Blandford).**Mucuna spp.***Araptus mucunae* (Blackman).**Muelenbeckia tamnifolia***Stegomerus montanus* Wood.**Muntingia calabura***Xylosandrus compactus* (Eichhoff).**Muonnia spp.***Hypothenemus seriatus* (Eichhoff).**Murraya koenigii***Crossotarsus externodentatus* (Fairmaire), *Xylosandrus crassiusculus* (Motschulsky).**Murraya paniculata***Xyleborus perforans* (Wollaston).**Murraya spp.***Xylosandrus compactus* (Eichhoff).**Musa basjoo***Hypothenemus eruditus* Westwood.**Musanga cecropioides***Cryphalus bellus* Schedl., *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus serratus* (Strohmeyer), *Euwallacea pandae* (Schedl), *Hypothenemus biseriatus* (Eggers), *Hypothenemus eruditus* Westwood, *Periommatius longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Polygraphus musangae* (Schedl), *Premnobius quadrispinosus* Schedl., *Serratus similis* (Eggers), *Xyleborinus gracilipennis* (Schedl), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus caudatus* Schedl., *Xyleborus ferrugineus* (Fabricius), *Xyleborus picus* (Motschulsky), *Xyleborus subtuberculatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).**Musanga spp.***Ambrosiodinus eichhoffi* (Schreiner).**Myrianthus arboreus***Doliopygus domisi* Schedl., *Doliopygus lefei rei* Schedl., *Doliopygus unicornis* Schedl., *Periommatius excisus* Strohmeyer, *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xylosandrus crassiusculus* (Motschulsky).**Myrianthus holstii***Xyleborus alluaudi* Schaufuss, *Xyleborus clerodendronae* Schedl.**Myrianthus spp.***Ambrosiodinus tropicus* (Hagedorn), *Premnobius catipennis* Eichhoff, *Xyleborus ambustusculus* Eggers.**Myrica faya***Xyleborinus saeseni* (Ratzeburg).**Myrica pubescens***Araptus nigrellus* Wood, *Corthylus granulifer* Wood, *Corthylus rubricollis* Blandford, *Corthylus strigilis* Wood, *Xyleborus meritus* Wood.**Myrica salicifolia***Doliopygus erichsoni* (Chapuis), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus lefei rei* (Schedl), *Xyleborus principalis* Eichhoff.**Myrica spp.***Hylocurus hirtellus* (LeConte), *Xylosandrus germanus* (Blandford).**Myristica andamanica***Crossotarsus andamanus* Beeson, *Euwallacea bicolor* (Blandford), *Xyleborinus andrewesi* (Blandford), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.**Myristica castaneaeefolia***Crossotarsus externodentatus* (Fairmaire), *Platypus citiensis* Roberts, *Xyleborus perforans* (Wollaston).**Myristica cinnamomea***Coccotrypes variabilis* (Beeson).**Myristica dactyloides***Arxyleborus grandifer* (Eggers), *Coccotrypes longior* (Eggers), *Coccotrypes salakensis* (Schedl), *Coccotrypes vulgaris* (Eggers), *Cryphalus nigricans* Schedl., *Hyledius ceylonicus* (Schedl), *Hyledius concinnulus* (Walker), *Hyledius regalis* (Wood).**Myristica fragrans***Anasa batoerradensis* (Schedl), *Arxyleborus malayensis* (Schedl), *Coccotrypes myristicae* (Roepke),

- Coccotrypes priesneri* Schedl, *Coptodryas myristicac* (Schedl), *Coptodryas unax* (Schedl), *Hypocryphalus sumatranus* (Schedl), *Hypothenemus obscurus* (Fabricius), *Hyledius nitidicollis* (Motschulsky), *Platypus webberi* Schedl, *Xyleborus fulculus* Schedl, *Xyleborus setulosus* Eggers.
- Myristica furfuraceae**
Coriacephalus xyloctenoides Schedl, *Hypocryphalus granulatus* Schedl, *Hyledius cribratus* (Blandford).
- Myristica indica**
Xyleborinus andrewesi (Blandford).
- Myristica longifolia**
Hadrodemius pseudocomans (Eggers), *Hyledius jiri* (Wood).
- Myristica philippinensis**
Dactylipalpus transerens Chapuis, *Hyledius cribratus* (Blandford), *Hyledius nitidicollis* (Motschulsky).
- Myristica spp.**
Coccotrypes barbatus (Schedl), *Coccotrypes tapatapaoanus* (Schedl), *Crossotarsus longicornis* (Schedl), *Diamerus graufi* Brownie, *Diapus amblylaminatus* Roberts, *Diapus latespinis* Schedl, *Diapus nebulosus* Roberts, *Diapus oomisis* Roberts, *Diapus papuanus* Schedl, *Hypocryphalus basilirtus* (Beeson), *Hypothenemus eruditus* Westwood, *Hyledius imitans* (Eggers), *Platypus bifidus* Schedl, *Platypus imberbis* Roberts, *Platypus negatus* Schedl, *Platypus nemorosus* Roberts, *Platypus papulosus* Roberts, *Platypus patens* Roberts, *Platypus schysi* Chapuis, *Xylosandrus crassiusculus* (Motschulsky).
- Myrmidone spp.**
Hypothenemus eruditus Westwood.
- Myroxylon toluiferum**
Xyleborus affinis Eichhoff.
- Myrsine spp.**
Xyleborinus saxeseni (Ratzeburg), *Xylosandrus compactus* (Eichhoff).
- Myrtaceae spp.**
Platypus madagascariensis Chapuis.
- Napoleona imperialis**
Doliopygus conradi (Strohmeyer), *Doliopygus serratus* (Strohmeyer), *Hypothenemus eruditus* Westwood, *Periommatius substriatus* Strohmeyer, *Platypus hintzi* Schaufuss, *Prennobiis perspicidus* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus colculus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).
- Napoleona spp.**
Ambrosiodinus cichhoffi (Schreiner), *Prennobiis caripennis* Eichhoff.
- Nauclea diderichii**
Chaetastus tuberculatus (Chapuis), *Doliopygus chapuisi* (Duvivier), *Doliopygus conradi* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus picus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).
- Nauclea excelsa**
Platypus cavus Strohmeyer.
- Nauclea orientalis**
Coptodryas eucalyptica (Schedl).
- Nauclea sessilifolia**
Platypus solidus Walker, *Platypus suffocidens* Sampson.
- Nauclea spp.**
Platypus solidus Walker, *Platypus subtruncatus* Brownie, *Platypus uncatus* Brownie, *Prennobiis caripennis* Eichhoff.
- Nectandra angustifolia**
Xylosandrus compactus (Eichhoff).
- Nectandra spp.**
Anphicranus terbella Blandford, *Araptus rufopalliatu* Eichhoff, *Cnesinus bicostatus* Schedl, *Cnesinus intermedius* Schedl, *Cnesinus teretis* Wood, *Corthylus additus* Wood, *Corthylus cirritus* Wood, *Corthylus convexifrons* Wood, *Cryptocarenum brevicollis* Eggers, *Gnathotrypes colaphus* Wood, *Gnathotrypes nectandrae* Wood, *Hylocurus flagellatus* Wood, *Hypothenemus opacus* (Eichhoff), *Microcorthylus contractus* Wood, *Microcorthylus diversus* Wood, *Microcorthylus umbratus* Wood, *Monarthrum lobatum* (Ferrari), *Platypus deceptor* Wood, *Platypus secus* Wood, *Scolytodes decorus* Wood, *Sternobothrus bicaudatus* (Blandford), *Sternobothrus sculpturatus* (Blandford), *Taurodemius bicornutus* (Wood), *Xylosandrus retusus* (Eichhoff).
- Neesia altissima**
Xyleborus cancellatus Eggers.
- Nemosoma elongatum**
Xyleborinus saxeseni (Ratzeburg).
- Neobuxbaumia mezealensis**
Cactopinus burjosi Wood.
- Neodypsis baroni**
Polygraphus amoenus (Schaufuss), *Xyleborinus forficuloides* (Schedl), *Xyleborus sakalava* Schedl, *Xylosandrus crassiusculus* (Motschulsky).
- Neonauclea spp.**
Diapus perygmaeus Roberts, *Diapus quinquispinatus* Chapuis, *Platypus aolai* Brownie, *Platypus solomonicus* Brownie.
- Neotina boursii**
Xyleborinus forficuloides (Schedl).
- Neowashingtonia robusta**
Coccotrypes carpophagus (Hornung).
- Nephelium lappaceum**
Xylosandrus manicus (Blandford).
- Nephelium lichi**
Coccotrypes advena Blandford, *Coccotrypes confusus* (Eggers), *Coccotrypes papuanus* (Eggers), *Eucallaea fornicatus* (Eichhoff), *Hypothenemus birmanus* (Eichhoff).
- Nephelium longana**
Anasa beesoni (Eggers).
- Nephelium spp.**
Anasa striatotruncatus (Schedl), *Arixyleborus suturalis* (Eggers), *Baiocis peruanulus* (Schedl), *Coccotrypes rhizophorae* (Hopkins), *Coptodryas diversicolor* (Eggers), *Crossotarsus nitidulus* (Schedl), *Platypus puerulus* (Schedl), *Xyleborinus pomtianus* (Schedl).
- Nerium oleander**
Araptus dubiosus (Schedl), *Araptus oleanderi* (Schedl).
- Nerium spp.**
Microborus lautus Wood.
- Nesogordonia papaverifera**
Xyleborus affinis Eichhoff.
- Nesogordonia spp.**
Polygraphus kasukumbii Schedl.
- Newtonia buchananii**
Platypus intermedius (Schedl).

Nicotiana tabacum*Xyleborus spinulosus* Blandford.**Nipa spp.***Leptoxyleborus concisus* (Blandford).**Noleua spp.***Chraenus amercetus* (Wood), *Corthylus noleneae* Wood.**Nothofagus carrii***Platypus capito* Browne, *Platypus gracilior* Browne.**Nothofagus cunnaughammii***Platypus subgranosus* Schedl.**Nothofagus dombeyi***Gnathotrupes caliculus* (Schedl), *Gnathotrupes cirratus* Schedl, *Gnathotrupes impressus* (Schedl), *Gnathotrupes longipennis* (Blanchard), *Gnathotrupes longinervis* (Schedl), *Gnathotrupes nanulus* (Schedl), *Gnathotrupes naumannii* (Schedl), *Gnathotrupes nothofagi* (Schedl), *Gnathotrupes pauciconvexus* Schedl, *Gnathotrupes pauciconvexus* Schedl, *Gnathotrupes pustulatus* Schedl, *Gnathotrupes similis* Schedl, *Gnathotrupes solidus* Schedl, *Gnathotrupes vaser* (Schedl), *Gnathotrupes velatus* Schedl, *Philocotribus nahueliaci* (Schedl).**Nothofagus grandis***Diapus kuperi* Roberts.**Nothofagus obliqua***Simphloeus porteri* Brethes.**Nothofagus pullei***Diapus pusillimus* Chapuis, *Diapus spinifer* Schedl, *Platypus celsus* Roberts, *Platypus inversus* Roberts, *Platypus longicaeratus* Roberts, *Platypus nothofagus* Roberts, *Platypus petaloideus* Roberts, *Platypus runcinatus* Roberts.**Nothofagus pumilio***Xylechium maculatus* Schedl.**Nothofagus spp.***Crossotarsus coxalis* Schedl, *Crossotarsus dentatus* Browne, *Cryphalus nothofagi* Browne, *Diapus nebulosus* Roberts, *Diapus robustus* Schedl, *Diapus spinifer* Schedl, *Diapus unispinus* Roberts, *Hypothenemus inermis* Browne, *Platypus denticollis* Browne, *Platypus margaritaceus* Roberts & Morimoto, *Platypus panduriformis* Roberts, *Platypus petalinus* Roberts & Morimoto, *Platypus praececlens* Schedl, *Scolytogenes papuanus* (Schedl).**Nothopanax spp.***Eucallacea fornicatus* (Eichhoff), *Hypothenemus eruditus* Westwood.**Nuxia conferta***Cyclorhipidium guineense* (Eggers).**Nyssa aquatica***Hypothenemus eruditus* Westwood, *Xylosandrus germanus* (Blandford).**Nyssa javanica***Platypus cavus* Strohmeyer, *Platypus drescheri* Schedl, *Platypus tenuissimus* Schedl.**Nyssa sessiliflora***Diapus spatulifer* Browne, *Eucallacea bicolor* (Blandford), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.**Nyssa spp.***Monarthrum fasciatum* (Say), *Monarthrum mali* (Fitch), *Xyleborus ferrugineus* (Fabricius), *Xyleborus sayi* (Hopkins).**Nyssa sylvatica***Hypothenemus eruditus* Westwood.**Obscurus spp.***Hypothenemus eruditus* Westwood.**Ochanostachys amentacea***Crossotarsus squamulatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Xyleborus perforans* (Wollaston), *Xyleborus volutus* (Fabricius).**Ochna arborea***Lanurgus capensis* Schedl.**Ochrocarpos spp.***Hypothenemus muticus* (Schedl), *Polygraphus aequalis* Schedl, *Polygraphus acquatus* Schedl, *Polygraphus amoenus* (Schaufuss).**Ochroma lagopus***Eucallacea fornicatus* (Eichhoff), *Xylosandrus morigerus* (Blandford).**Ochroma spp.***Ambrosiodinus hagedorni* (Iglesias), *Corthylus comatus* Blandford, *Corthylus strigilis* Wood, *Hypothenemus javanus* (Eggers), *Hypothenemus opacus* (Eichhoff), *Hypothenemus seriatus* (Eichhoff), *Hypothenemus trivialis* Wood, *Monarthrum consimile* (Blandford), *Phloeotribus vesculus* Wood, *Platypus chiriquensis* Wood, *Sampsonius dampfi* Schedl, *Taurodenius perbeae* (Ferrari), *Theoborus theobromae* Hopkins, *Xyleborinus bicornatus* (Wood), *Xyleborus caribicus* Eggers, *Xyleborus ferox* Blandford, *Xyleborus ferrugineus* (Fabricius), *Xyleborus spinulosus* Blandford.**Ochroma velutina***Scolytodes ochromae* Wood.**Ochthocosmus africanaus***Doliopygus artespinatus* (Schedl), *Doliopygus bijunctipinae* Roberts, *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus costatus* Schedl, *Doliopygus ghesquieri* (Schedl), *Doliopygus interjectus* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minutissimus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus spectabilis* Schedl, *Doliopygus tenuis* (Strohmeyer), *Platypus hintzi* Schaufuss, *Platypus intermedius* (Schedl), *Platypus rufescens* (Strohmeyer), *Platypus schenklingi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus multispinatus* Eggers, *Xyleborus rothkirchi* Eggers, *Xyleborus subtuberculatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).**Ocotea bullata***Xyleborinus acmulus* (Wollaston).**Ocotea catesbyana***Hypothenemus birmanus* (Eichhoff), *Hypothenemus brunneus* (Hopkins), *Hypothenemus dissimilis* (Zimmermann), *Hypothenemus interstitialis* (Hopkins), *Hypothenemus javanus* (Eggers), *Hypothenemus seriatus* (Eichhoff), *Xylosandrus zimmermanni* (Hopkins).**Ocotea guianensis***Taurodenius splendidus* (Schaufuss).**Ocotea laevis***Xyleborus sartor* Schedl.**Ocotea laevis***Platypus madagascariensis* Chapuis.**Ocotea puberula***Microcorthylus suggrandis* Schedl.**Ocotea racemosa***Xyleborus sakalava* Schedl.**Ocotea rodiaei***Platypus longulus* Chapuis.

Ocotea spp.

Ambrosiodmus inominatus (Schedl), *Chaetastus montanus* Schedl, *Mitosoma excisum* Schaufuss, *Mitosoma obliquatum* Schedl, *Pagiocerus frontalis* (Fabricius), *Premobius cavipennis* Eichhoff.

Ocotea usabarensis

Chaetastus montanus Schedl, *Chortastus orientalis* Schedl, *Doliopygus bidentatus* (Strohmeyer).

Octomeles sumatrana

Crossotarsus semicinctus Schedl, *Platypus jansoni* Chapuis, *Platypus solidus* Walker, *Xyleborus emarginatus* Eichhoff.

Odina fraxinifolia

Platypus darjelingensis Schedl.

Odina wodier

Bothinodroctonus indicus Wood, *Coccotrypes nubilus* (Blandford), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus squamulatus* Chapuis, *Cryphalus scabricollis* Eichhoff, *Eucallacea fornicatus* (Eichhoff), *Eucallacea interjectus* (Blandford), *Genyocerus furtivus* (Sampson), *Platypus secretus* Sampson, *Platypus solidus* Walker, *Polygraphus auogcissi* Wood, *Xyleborinus andrewesi* (Blandford), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

Olea africana

Lanurgus oleae Schedl, *Lanurgus xylographus* Schedl.

Olea ambrensis

Platypus madagascariensis Chapuis, *Xyleborinus aduncus* (Schedl), *Xyleborinus quadrispinis* (Schedl), *Xyleborinus spiculatus* (Schaufuss).

Olea capensis

Lanurgus oleaeformis Schedl, *Lanurgus spathulatus* Schedl, *Lanurgus xylographus* Schedl, *Xyleborinus aemulus* (Wollaston).

Olea cuspidata

Hylesinus cingulatus Blandford, *Hylesinus macmahoni* (Stebbing).

Olea europaea

Carphoborus perrisi (Chapuis), *Chaetoptelius vestitus* (Mulsant & Rey), *Coccotrypes dactyliperda* (Fabricius), *Hylesinus californicus* (Swaine), *Hylesinus toranio* (Dantlione), *Phloeotribus brevicollis* (Kolenati), *Phloeotribus maroccanus* (Guillebeau), *Phloeotribus scarabaeoides* (Bernard), *Scolytus pygmaeus* (Fabricius), *Xylosandrus compactus* (Eichhoff).

Olea hochstetteri

Chaetastus diversifrons Browne, *Chaetastus montanus* Schedl, *Ctonoxylon griseum* Schedl, *Ctonoxylon hamatum* Schedl, *Cyclorhipidion agnaticeps* (Schedl), *Lanurgus oleae* Schedl.

Olea laurifolia

Lanurgus oleaeformis Schedl, *Platypus sampsoni* (Schedl).

Olea spp.

Ambrosiodmus cichhoffi (Schreiner), *Hylesinus varius* (Fabricius), *Tiarophorus gardneri* Schedl.

Olea welwitschii

Chaetastus montanus Schedl, *Ctonoxylon hamatum* Schedl, *Ctonoxylon spathifer* Schedl.

Olmea recta

Chramesus tibialis Wood.

Olmediella spp.

Xylosandrus compactus (Eichhoff).

Oncostemum spp.

Xyleborinus signatipennis (Schedl).

Ongoeka gore

Chaetastus tuberculatus (Chapuis), *Doliopygus artemisatus* (Schedl), *Doliopygus couradti* (Strohmeyer), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus lateralis* Schedl, *Doliopygus leferrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Eucallacea xanthopus* (Eichhoff), *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl, *Periommatius longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl, *Trachyostus schoutedeni* (Strohmeyer), *Xyleborus alhuandi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus volutus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Ononis natrix

Hylastinus obscurus (Marshall).

Opuntia spp.

Aphanarthrum indicum Wood.

Orbigya oleifera

Coccotrypes cyperi (Beeson).

Oreodoxa spp.

Coccotrypes dactyliperda (Fabricius).

Oreopanax capitatum

Botriosternus foveatus (Blackman), *Cuesinus denotatus* Wood, *Cuesinus porcatus* Blandford.

Oreopanax nubigenum

Cnathotrichus omissus Wood, *Pityophthorus timidulus* Wood, *Scolytodes irazuensis* Wood, *Scolytodes punctiferus* Wood, *Xylechinus acarus* Wood.

Oreopanax spp.

Cuesinus porcatus Blandford, *Corthylus mexicanus* Schedl, *Xylechinus marmoratus* Blandford, *Xylechinus tessellatus* Blandford.

Oreopanax xalapense

Corthygeylon aztecum (Bright), *Scolytodes irazuensis* Wood, *Scolytodes venustus* Wood, *Xylechinus fuliginosus* Blandford, *Xylechinus marmoratus* Blandford, *Xylechinus mexicanus* Wood.

Oricia suareolens

Xyleborus alhuandi Schaufuss.

Origanum vulgare

Thannurgus kaltenbachi (Bach).

Ormosia formosana

Xyleborus atratus Eichhoff.

Ormosia hosiei

Xylosandrus mutilatus (Blandford).

Osbeckia aspera

Sucus niisimai (Eggers), *Xylosandrus mesuae* (Eggers).

Osmanthus fragrans

Xylosandrus mutilatus (Blandford).

Osmanthus spp.

Xylosandrus compactus (Eichhoff).

Ostodes paniculata

Platypus secretus Sampson.

Ostrya virginica

Pseudopityophthorus asperulus (LeConte), *Pseudothy-sanoes lecontei* Blackman.

Ostrya carpinifolia

Corthylus punctatissimus (Zimmermann), *Scolytus carpinii* (Ratzeburg).

Ostyra spp.

Scolytus intricatus (Ratzeburg), *Tiarophorus scrutator* (Pandellet).

Ougeinia dalbergioides

Hypothecenus eruditus Westwood, *Xylechinus ougeniae* Wood, *Xylosandrus crassiusculus* (Motschulsky).

Oxyanthus speciosus

Chaetastus montanus Schedl, *Xyleborus alluaudi* Schauffuss.

Oxytigma manni

Doliopygus pseudoserriatus Roberts, *Mesoplatypus tenuis* Schedl.

Oxytigma usoo

Periommatius nitidicollis Strohmeyer.

Oxytigma oxyphyllum

Chaetastus tuberculatus (Chapuis), *Coccotrypes rotundicollis* (Eggers), *Cylindropalpus laudatus* (Schedl), *Doliopygus chapuisi* (Duvivier), *Doliopygus citri* Schedl, *Doliopygus clarus* (Schedl), *Doliopygus conradti* (Strohmeyer), *Doliopygus divaricus* (Schedl), *Doliopygus donisi* Schedl, *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquieri* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus retusus* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl, *Periommatius longicollis* Chapuis, *Platypus lintzi* Schauffuss, *Platypus impressus* (Strohmeyer), *Platypus oricuttalis* (Strohmeyer), *Platypus parallelus* (Fabricius), *Platypus schenklingsi* (Strohmeyer), *Platypus solutus* Schedl, *Prennobiinus quadrispinosus* Schedl, *Strombophorus ericinus* (Schauffuss), *Trachyostus aterrimus* (Schauffuss), *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus annectens* Schedl, *Xyleborus colvulus* (Fabricius).

Pachylobus spp.

Prennobiinus cavipennis Eichhoff.

Pachycereus pectenaboriginum

Cactopinus mexicanus Wood.

Pachycereus spp.

Cactopinus atkinsoni Wood.

Pachyelasma spp.

Coccotrypes rotundicollis (Eggers), *Prennobiinus cavipennis* Eichhoff.

Pachyelasma tessmanii

Doliopygus conradti (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Hypothecenus eruditus* Westwood, *Platypus lintzi* Schauffuss, *Prennobiinus longus* Eggers.

Pachylobus pubescens=Dacryodes buetneri

Acanthotomicus pachylobius (Schedl).

Pachylobus deliciosus

Coccotrypes confusus (Eggers), *Ctenoxylon spathifer* Schedl, *Cylorhpidion eichani* (Schedl), *Cylindropalpus auricomus* (Schauffuss), *Eucallacea pandae* (Schedl), *Platypus schenklingsi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus ferrugineus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Pachylobus spp.

Xyleborus alluaudi Schauffuss, *Xyleborus piccus* (Motschulsky).

Pachypodanthium staudtii

Xyleborus colvulus (Fabricius).

Pachystela laurentii

Cylindropalpus granulatus (Schedl), *Cylindropalpus interpositus* (Schedl), *Doliopygus bidentatus* (Strohmeyer), *Doliopygus dolosus* Schedl, *Prennobiinus mikunyah* (Schedl), *Xyleborinus sharpae* (Hopkins), *Xyleborus ambasiipennis* Schedl, *Xyleborus comparabilis* Schedl.

Pachystela spp.

Ambrosiodinus aegir (Eggers).

Pachytrope dimepate

Eucallacea xanthopus (Eichhoff), *Platypus madagascariensis* Chapuis, *Xyleborinus quadrispinis* (Schedl), *Xyleborus alluaudi* Schauffuss, *Xylosandrus crassiusculus* (Motschulsky).

Pachytrope obovata

Platypus madagascariensis Chapuis.

Padus asiatica

Cryphalus scopiger Berger.

Padus maaki

Dryocoetes padi Stark.

Padus pubescens

Cryphalus scopiger Berger.

Pajanelia longifolia

Eucallacea fornicatus (Eichhoff).

Palaquium elliptica

Crossotarsus quadricaudatus (Strohmeyer), *Xyleborinus andrewesi* (Blandford).

Palaquium gutta

Arixyleborus scabripennis (Blandford), *Hyleidius cribriatus* (Blandford), *Xyleborus adusticollis* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus manicus* (Blandford).

Palaquium hornei

Platypus citiensis Roberts.

Palaquium maingayi

Arixyleborus leprosus Schedl, *Arixyleborus minor* (Eggers), *Arixyleborus suturalis* (Eggers), *Crossotarsus externedentatus* (Fairmaire), *Liparthrum palaquius* (Schedl), *Scolytominus pusillus* (Eggers).

Palaquium pseudorostratum

Scolytominus assamensis Schedl.

Palaquium spp.

Crossotarsus squamulatus Chapuis, *Platypus bifurcus* (Schedl), *Platypus cupulatus* Chapuis, *Platypus hirtellus* Schedl, *Platypus solidus* Walker, *Platypus westwoodi* Chapuis, *Webbia cylindricus* Schedl, *Webbia sarakensis* Schedl, *Xyleborus apertus* Schedl, *Xyleborus emarginatus* Eichhoff, *Xyleborus major* (Stebbing).

Palaquium stellatum

Anasa forcicollis (Browne), *Anasa versicolor* (Sampson), *Arixyleborus grandis* (Schedl), *Coptoborus bicolor* (Browne), *Coptoborus fragilis* (Browne), *Crossotarsus fractus* Sampson, *Hypocryphalus cylindrus* (Browne), *Scolytominus pusillus* (Eggers), *Webbia costulatus* Schedl, *Xyleborinus andrewesi* (Blandford), *Xylosandrus ater* (Eggers).

Palisandra rouge

Ambrosiodinus artemgranulatus (Schedl).

Palmetia pinnata

Scolytominus philippinensis (Eggers).

Panax spp.

Platypus semigranosus (Sampson), *Xyleborinus spiculatus* (Schaufuss), *Xyleborus sakalata* Schedl.

Pancocia harnsiana

Chaetastus tuberculatus (Chapuis), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus jurionii* Schedl, *Doliopygus leferrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus unicornis* Schedl, *Hypothenemus cruditus* Westwood, *Hypothenemus solitarius* (Schedl), *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl, *Periommatius substratus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus picus* (Motschulsky), *Xyleborus volutus* (Fabricius).

Pancocia laurentii

Doliopygus conradti (Strohmeyer), *Doliopygus divaricus* (Schedl), *Doliopygus jurionii* Schedl, *Doliopygus medius* Schedl, *Doliopygus tenuis* (Strohmeyer), *Eucallacea pandae* (Schedl), *Eucallacea xanthopus* (Eichhoff), *Hypothenemus concolor* Hagedorn, *Periommatius substratus* Strohmeyer, *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus picus* (Motschulsky), *Xyleborus rotikirehi* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

Panda oleosa

Cylindropalpus laudatus (Schedl), *Doliopygus brevis* (Strohmeyer), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus erichsonii* (Chapuis), *Doliopygus expletus* Schedl, *Doliopygus leferrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus opifex* (Sampson), *Doliopygus perbrevis* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus subditus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Eucallacea pandae* (Schedl), *Periommatius excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Platypus schenklingsi* (Strohmeyer), *Premnobius nukunayae* (Schedl), *Premnobius nodulosus* Hagedorn, *Scolytoplastypus neglectus* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus ficus* Eggers, *Xyleborus subtuberculatus* Eggers, *Xyleborus volutus* (Fabricius).

Panda spp.

Premnobius cavipennis Eichhoff, *Scolytoplastypus kieuensis* Schedl.

Pandanus spp.

Ptilopodius dubiosus Wood.

Pangium spp.

Crossotarsus mniszecki Chapuis.

Pansinystalia spp.

Periommatius mkusii Strohmeyer.

Parabaena sagittata

Eucallacea andamanensis (Blandford).

Parabenzoin praecox

Phloeosinus pulchellus Blandford, *Sucus nissimai* (Eggers), *Xylosandrus brevis* (Eichhoff), *Xylosandrus mutilatus* (Blandford).

Parabenzoin spp.

Scolytoplastypus tycon Blandford.

Paraberlina bifoliolata

Chaetastus striatus Brownie.

Paramacrolobium coeruleum

Doliopygus glespierei (Schedl), *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus retusus* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus subditus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Hypothenemus cruditus* Westwood, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus volutus* (Fabricius).

Parartocarpus spp.

Xyleborus amphicrauides Hagedorn, *Xyleborus apertus* Schedl.

Parashorea lucida

Crossotarsus wallacei (Thomson), *Genyocerus diaphanus* (Schedl), *Genyocerus serratus* (Schedl), *Platypus bifurcus* (Schedl), *Platypus curtus* Chapuis.

Parashorea malaanan

Platypus bifurcus (Schedl).

Parashorea plicata

Sphaerotrypes quadrituberculatus Sampson.

Parashorea spp.

Genyocerus abdominalis (Schedl), *Platypus bifurcus* (Schedl).

Parashorea stellata

Genyocerus biporus (Schedl).

Parashorea tomentella

Platypus sandakanensis Brownie.

Parathesis serrulata

Corthylus mexicanus Schedl.

Parinarium curatellifolium

Doliopygus chapuisi (Duvivier), *Doliopygus intritus* (Schedl).

Parinarium excelsum

Dryocoetoides indolatus Wood, *Taurodennus flavipes* (Fabricius), *Taurodennus splendidus* (Schaufuss).

Parinarium glabra

Platypus internedius (Schedl), *Platypus spinulosus* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus principalis* Eichhoff.

Parinarium griffithianum

Crossotarsus inermis Schedl, *Crossotarsus squamulatus* Chapuis, *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Xyleborus latus* Eggers.

Parinarium holstii

Doliopygus conradti (Strohmeyer), *Doliopygus donisi* Schedl, *Doliopygus erichsonii* (Chapuis), *Doliopygus tenuis* (Strohmeyer), *Mesoplatypus kitushi* Schedl, *Mesoplatypus quinquecinctus* (Schedl), *Pityophthorus togonus* Eggers, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Platypus rufescens* (Strohmeyer), *Platypus schenklingsi* (Strohmeyer), *Xyleborus ambasiipennis* Schedl, *Xyleborus parinarie* Schedl.

Parinarium insularum

Platypus citiensis Roberts.

Parinarium kerstingi

Doliopygus interjectus Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xylosandrus crassiusculus* (Motschulsky).

Parinarium mobota*Diapus quinquespinatus* Chapuis.***Parinarium* spp.***Ambrosiodinus sarawakensis* (Eggers), *Hypocryphalus striatus* Hopkins, *Leptoxyleborus concisus* (Blandford), *Ozopemon parinarii* Hopkins, *Premnobius quadrispinosus* Schedl, *Premnobius robustulus* (Schedl).***Parinarium tenuifolium****Doliopygus lefevrei* Schedl, *Doliopygus rapax* (Sampson).***Parishia insignis****Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.***Paritricia excelsa****Tawodenus varians* (Fabricius).***Parkia bicolor****Chaetastus tuberculatus* (Chapuis), *Doliopygus erichsoni* (Chapuis), *Doliopygus expletus* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).***Parkia biglobosa****Triozastus marshalli* (Sampson).***Parkia filicoidea****Chaetastus tuberculatus* (Chapuis), *Doliopygus chapuisi* (Duvivier).***Parkia oliveri****Doliopygus tenuis* (Strohmeyer), *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl, *Xyleborus volcuis* (Fabricius).***Parkia speciosa****Arixyleborus tuberculatus* (Eggers), *Crossotarsus externodentatus* (Fairmaire), *Crossotarsus incernis* Schedl, *Crossotarsus schedli* Browne, *Crossotarsus squamulatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Platypus cupulatus* Chapuis, *Platypus insulindicus* Schedl, *Platypus jansonii* Chapuis, *Platypus lepidus* Chapuis, *Platypus pseudocupulatus* Schedl, *Xyleborinus andrewesi* (Blandford), *Xyleborinus exiguus* (Walker), *Xyleborus affinis* Eichhoff, *Xyleborus haberkorni* Eggers, *Xyleborus perforans* (Wollaston).***Parkia* spp.***Doliopygus perminutissimus* (Schedl), *Scolytoplastypus occidentalis* Browne.***Parkinsonia aculeata****Amphicranus fastigiatus* Blandford, *Monarthrum fimbriaticorne* (Blandford).***Parmentiera edulis****Hypothenemus eruditus* Westwood, *Hypothenemus gossypii* (Hopkins).***Paropsia schiebeniana****Doliopygus conradti* (Strohmeyer), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Dryocoetoides cristatus* (Fabricius), *Eucallacea pandae* (Schedl), *Hypothenemus biseriatus* (Eggers), *Hypothenemus criticus* (Schedl), *Hypothenemus eruditus* Westwood, *Platypus hintzi* Schaufuss, *Premnobius longus* Eggers, *Premnobius marginatus* Eggers, *Trachyostus schaufussi* (Strohmeyer).***Parrottia jacquemontiana****Scolytoplastypus siomio* Blandford.***Parthenium argentatum****Pityophthorus mexicanus* Blackman.***Parthenocissus quinquefolia****Hypothenemus squamosus* (Hopkins).***Partocarpus* spp.***Eucallacea arctelacris* (Schedl).***Pasania aspericupula****Crossotarsus chalcographus* Schedl, *Crossotarsus terminatus* Chapuis.***Pasania cuspidata****Crossotarsus emancipatus* Murayama, *Crossotarsus reingetensis* Nisima & Murayama, *Xyleborus atratus* Eichhoff, *Xyleborus exesus* Blandford, *Xyleborus nagaoensis* Murayama.***Pasania glabra****Platypus quercivorus* Murayama.***Pasania oocarpa****Crossotarsus squamulatus* Chapuis.***Pasania* spp.***Amasa selchichi* (Stebbing), *Amasa versicolor* (Sampson), *Crossotarsus squamulatus* Chapuis, *Cyclorhipidion circumcissum* (Sampson), *Diapus quinquespinatus* Chapuis, *Leptoxyleborus concisus* (Blandford), *Platypus binucus* Blandford, *Platypus pseudosolidus* Schedl, *Platypus semiernis* Schedl, *Weldbia piscecauda* Browne.***Pasania sundiaca****Arixyleborus scabripennis* (Blandford), *Coptodryas diversicolor* (Eggers), *Crossotarsus longicollis* Browne, *Crossotarsus terminatus* Chapuis, *Cyclorhipidion punctatopilosum* (Schedl), *Diapus quinquespinatus* Chapuis, *Leptoxyleborus concisus* (Blandford), *Platypus convexicauda* Schedl, *Platypus pasanae* Schedl, *Platypus platypoides* (Browne), *Xyleborus ciliatiformis* Schedl, *Xyleborus latus* Eggers.***Pascoria* spp.***Hypothenemus ater* (Eggers).***Paspalum raginatum****Hypothenemus californicus* Hopkins, *Hypothenemus eruditus* Westwood, *Hypothenemus pubescens* Hopkins.***Passiflora latifolia****Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood.***Passiflora mollissima****Chramesus bispinus* Wood.***Passiflora multiflora****Hypothenemus eruditus* Westwood.***Passiflora* spp.***Xylosandrus compactus* (Eichhoff).***Passing* spp.***Xyleborus separandus* Schedl.***Paullinia pinnata****Hypothenemus grandis* Schedl.***Pausinystalia macroceras****Triozastus caliginosus* Roberts.***Pavonia rutshuruensis****Doliopygus erichsoni* (Chapuis).***Payena* spp.***Crossotarsus wallacei* (Thomson).***Pedialanthus macrocarpus****Araptus attenuatus* Wood.***Peganum parvula****Thammurgus brylinskiji* Reitter.***Pelargonium hortorum****Amasa amputatus* (Blandford).***Pelea* spp.***Xyleborus oahuensis* Perkins, *Xylosandrus compactus* (Eichhoff).***Pellacalyx saccardianus****Xyleborus similis* Ferrari.***Peltogyne* spp.***Monarthrum parvum* (Eggers).

Peltophorum pterocarpum*Xyleborinus gracilipennis* (Schedl).***Penaraha* spp.***Platypus granosus* Browne.***Pentaclethra eetveldeana****Cylindropalpus camerunus* (Schedl), *Hylesinopsis horridus* (Eggers), *Hypothenemus eruditus* Westwood, *Periommatius longicollis* Chapuis, *Pityophthorus congonus* Eggers.***Pentaclethra macrophylla****Coptoborus usagarius* (Eggers), *Diapys quinquespinatus* Chapuis, *Doliopygus bilobatus* (Schedl), *Doliopygus conradti* (Strohmeyer), *Doliopygus donisi* Schedl, *Doliopygus exilis* (Chapuis), *Doliopygus gracilior* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus notatus* Schedl, *Doliopygus propinquus* Schedl, *Dryococtoides cristatus* (Fabricius), *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus submarginatus* Schedl, *Doliopygus subditicus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Hypothenemus ater* (Eggers), *Hypothenemus biseriatus* (Eggers), *Hypothenemus concolor* Hagedorn, *Hypothenemus eruditus* Westwood, *Pityophthorus pentaclethrae* Schedl, *Platypus parallelus* (Fabricius), *Platypus spinulosus* (Strohmeyer), *Premnobius mukunyeae* (Schedl), *Premnobius nodulosus* Hagedorn, *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus ambasinusculus* Eggers, *Xyleborus ficus* Eggers, *Xyleborus multispinatus* Eggers, *Xyleborus pentaclethrae* Schedl, *Xyleborus principalis* Eichhoff, *Xyleborus rothkirchii* Eggers, *Xyleborus scobinatus* Hagedorn, *Xyleborus subgranosus* Schedl, *Xyleborus subtuberculatus* Eggers, *Xyleborus volutus* (Fabricius).***Pentaclethra* spp.***Ambrosiodinus tropicus* (Hagedorn).***Pentacme contorta****Sphaerotrypes quadrituberculatus* Sampson.***Pentacme maris****Cryptoxyleborus subnaccus* Schedl.***Pentacme* spp.***Platypus bifurcus* (Schedl).***Pentadesma suaris****Coptodryas perparva* (Sampson), *Cryptoxyleborus turbincus* (Sampson), *Diapys pendleburyi* Schedl, *Diapys quinquespinatus* Chapuis, *Sphaerotrypes pentacme* Wood, *Sphaerotrypes quadrituberculatus* Sampson.***Pentadesma butyracea****Coccotrypes rotundicollis* (Eggers).***Pentadesma lebrunii****Chaetastus montanus* Schedl, *Coptoborus usagarius* (Eggers), *Doliopygus erichsoni* (Chapuis), *Platypus solutus* Schedl, *Polygraphus longipilis* Schedl, *Polygraphus tenuipennis* Schedl, *Xyleborinus similans* (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus ambasinusculus* Schedl, *Xyleborus principalis* Eichhoff, *Xyleborus sphenos* Sampson, *Xyleborus truncatulus* Schedl.***Pentaspadon* spp.***Xyleborus apertus* Schedl.***Peptadenia pericillei****Xyleborinus signatipennis* (Schedl).***Peraphyllum ramosissimum****Chaetophloeus heterodoxus* (Casey).***Perebea integrifolia****Taurodennus perebeae* (Ferrari).***Pericopsis elata****Platypus assamelae*.***Periploca graeca****Liparthrum arnoldi* Semenov.***Perrottetia sandwicensis****Xyleborinus saxeseni* (Ratzeburg).***Perrottetia* spp.***Xyleborus ferrugineus* (Fabricius), *Xylosandrus compactus* (Eichhoff).***Persea americana****Ambrosiodinus aegir* (Eggers), *Araptus mendicus* Wood, *Araptus placetulus* Wood, *Araptus schwarzi* (Blackman), *Cnesinus carinatus* Wood, *Cnesinus costulatus* Blandford, *Cnesinus electinus* Wood, *Cnesinus gracilis* Blandford, *Cnesinus mycelitis* Wood, *Cnesinus prominulus* Wood, *Cnesinus pullus* Blandford, *Cnesinus punctatus* Blandford, *Coccotrypes cyperi* (Beeson), *Corthylocorus aguacatensis* (Schedl), *Corthylus flagellifer* Blandford, *Corthylus papulans* Eichhoff, *Corthylus sanguineus* Schedl, *Crossotarsus externedentatus* (Fairmaire), *Cryptocarenum diadematus* Eggers, *Doliopygus erichsoni* (Chapuis), *Eucallacea xanthopus* (Eichhoff), *Hypothenemus eruditus* Westwood, *Hypothenemus gossypii* (Hopkins), *Hypothenemus seriatus* (Eichhoff), *Pagiocerus frontalis* (Fabricius), *Phloeocleptus obscurus* Wood, *Platypus madagascariensis* Chapuis, *Platypus solutus* Schedl, *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus aplanatideclivis* Schedl, *Xyleborus perforans* (Wollaston).***Persea borbonia****Ambrosiodinus lecontei* Hopkins, *Cryptocarenum seriatus* Eggers, *Hypothenemus birmanus* (Eichhoff), *Hypothenemus interstitialis* (Hopkins), *Hypothenemus javanus* (Eggers), *Hypothenemus seriatus* (Eichhoff).***Persea gratissima****Coccotrypes dactyliperda* (Fabricius), *Crossotarsus externedentatus* (Fairmaire), *Eucallacea fornicatus* (Eichhoff), *Pityophthorus kivuensis* Schedl, *Platypus biuncus* Blandford, *Platypus cupulatus* Chapuis, *Platypus insulindicus* Schedl, *Xyleborus affinis* Eichhoff, *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).***Persea indica****Hypothenemus longipennis* (Eggers), *Xylosandrus compactus* (Eichhoff), *Pagiocerus*.***Persea pittieri****Araptus schwarzi* (Blackman).***Persea popenoi****Monarthrum subgranulatum* Wood.***Persea* spp.***Ambrosiodinus obliquus* (LeConte), *Chraesus atkinsoni* Wood, *Eucallacea fornicatus* (Eichhoff), *Pagiocerus frontalis* (Fabricius), *Phloeocleptus ardis* Wood, *Phloeocleptus atkinsoni* Wood, *Phloeocleptus cristatus* Wood, *Phloeocleptus spicatus* Wood, *Pseudothysanoes perseae* Wood, *Xylosandrus compactus* (Eichhoff).***Perymanium grande****Pityophthorus hermosus* Wood.***Petraea volubilis****Eucallacea fornicatus* (Eichhoff).***Phalocarpus septentrionalis****Hypothenemus birmanus* (Eichhoff), *Hypothenemus erudiae* (Panzer), *Hypothenemus eruditus* Westwood.***Phaseolus lunatus****Hypothenemus eruditus* Westwood.

Phaseolus spp.*Chranemus pumilus* (Chapuis).**Phellodendron amurense***Crossotarsus niponicus* Blandford, *Eucallalcea validus* (Eichhoff), *Xyleborus acqualis* (Reitter), *Xyleborus maiche* (Stark), *Xylechinus bergeri* Spessivtzev.**Phellodendron sachalinensis***Eidophelus imitans* Eichhoff.**Phellodendron spp.***Scolytoplatypus tycon* Blandford.**Philodiscus burcoensis***Pityophthorus joveri* Schedl.**Philodiscus plurijugatus***Platypus orientalis* (Strohmeyer).**Philibertella clausa***Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff).**Phoebe attenuata***Platypus errans* (Saunders).**Phoebe hainesiana***Coccotrypes vulgaris* (Eggers).**Phoebe lamceolata***Ambrosiodmus lewisi* (Blandford), *Phloeosinus phoebe* Wood, *Xyleborus rufobrunneus* Eggers, *Xyleborus shoreae* (Stebbing), *Xylosandrus crassiusculus* (Motschulsky).**Phoebe mexicana***Amphicranus collaris* Blandford, *Amphicranus melanura* (Blandford), *Corthylus collaris* Blandford, *Corthylus comatus* Blandford, *Corthylus panamensis* Blandford, *Corthylus retusifera* Wood, *Corthylus retusus* Wood, *Corthylus serratus* Wood, *Corthylus strigilis* Wood, *Momarthrum carinulum* Wood, *Platypus simpliciformis* Wood, *Scolytodes phoebae* Wood, *Scolytodes piceus* (Blandford), *Tricolus nactus* Wood, *Tricolus oricollis* Blandford, *Tricolus scitulus* Wood, *Xyleborus meritus* Wood, *Xyleborus prolatus* Wood.**Phoenix caurienensis***Coccotrypes dactyliperda* (Fabricius), *Dactylotrypes longicollis* (Wollaston).**Phoenix dactylifera***Coccotrypes carpophagus* (Hornung), *Coccotrypes dactyliperda* (Fabricius), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston).**Phoenix puldosa***Leptoxyleborus concisus* (Blandford).**Phoenix reclinata***Coccotrypes dactyliperda* (Fabricius), *Platypus impressus* (Strohmeyer).**Phoenix rupicola***Coccotrypes dactyliperda* (Fabricius).**Phoenix spp.***Coccotrypes dactyliperda* (Fabricius), *Coccotrypes distinctus* (Motschulsky).**Phoenix sylvestris***Coccotrypes dactyliperda* (Fabricius).**Phoradendron bolleanum***Pseudothysanoes funebris* Wood.**Phoradendron flavescens***Pseudothysanoes leechii* Wood, *Pseudothysanoes phoradendri* Blackman.**Phoradendron longifolium***Pseudothysanoes funereus* Wood.**Phoradendron robinsonii***Pseudothysanoes viscidus* Wood.**Phoradendron robustissimum***Chaetophloeus phoradendri* Wood, *Pseudothysanoes furvus* Wood, *Pseudothysanoes viscidus* Wood.**Phoradendron spp.***Chaetophloeus confinis* Wood, *Chaetophloeus phoradendri* Wood, *Chaetophloeus struthanthii* Wood, *Chranemus priscus* Wood, *Hypothenemus solocis* Wood, *Hypothenemus squamosus* (Hopkins), *Pseudothysanoes amassius* Wood, *Pseudothysanoes bullatus* Wood, *Pseudothysanoes fimbriatus* Wood, *Pseudothysanoes furvatus* Wood, *Pseudothysanoes furtescens* Wood, *Pseudothysanoes graniticus* Wood, *Pseudothysanoes peniculus* Wood, *Pseudothysanoes tenellus* Wood, *Pseudothysanoes verticillus* Wood, *Xylosandrus curtulus* (Eichhoff).**Photina japonica***Eucallalcea fornicatus* (Eichhoff).**Phragmites communis***Hypothenemus eruditus* Westwood.**Phyllanthus discoideus***Doliopygus dubius* (Saunders), *Doliopygus leferrei* Schedl, *Doliopygus serratus* (Strohmeyer).**Phyllanthus emblica***Xyleborinus artestriatus* (Eichhoff).**Phyllanthus flexuosus***Indocryphalus pubipennis* (Blandford).**Phyllanthus guineensis***Eucallalcea xanthopus* (Eichhoff).**Phyllanthus spp.***Hypothenemus grandis* Schedl.**Phyllocladus hypophylla***Phloeosinus phyllocladus* Bright.**Phyllocladus spp.***Diapus bilunatus* Schedl, *Diapus elongatus* Schedl, *Diapus nanus* Schedl, *Diapus nebulosus* Roberts.**Phyllostachys spp.***Scolytoplatypus mikado* Blandford.**Phytelephas macrocarpa***Coccotrypes cyperi* (Beeson), *Coccotrypes dactyliperda* (Fabricius).**Phytolacca spp.***Eucallalcea xanthopus* (Eichhoff).**Phytophthora cambivora***Platypus cylindrus* (Fabricius), *Xyleborus dryographus* (Ratzeburg).**Piurua spp.***Platypus biuncus* Blandford.**Picea abies***Pityophthorus micrographus* (Linnaeus), *Pityophthorus tragardii* Spessivtzev.**Picea ajanensis***Crypturgus tuberosus* Niisima, *Hylastes brunneus* Erichson, *Hylastes plumbeus* Blandford, *Orthotomicus starki* Spessivtzev, *Pityogenes foreolatus* Eggers, *Pityogenes sibiricus* Murayama, *Pityophthorus jucundus* Blandford, *Pityophthorus sichotensis* Kurenzov, *Tomiceus puellus* (Reitter).**Picea asperata***Cryphalus miyagopicus* Tsai & Li, *Cryphalus saltuarius* Weise, *Hylarops cusulcatus* Tsai & Huang, *Polygraphus angustus* Tsai & Yin, *Polygraphus squameus* Yin & Huang, *Polygraphus szemaocensis* Tsai & Yin, *Polygraphus zhungdianensis* Tsai & Yin, *Scolytus sinopicus* Tsai, *Xyleborinus saevens* (Ratzeburg).

Picea chihuahuana

Pityophthorus bassetti Blackman, *Pseudothysanoc confiferae* (Wood).

Picea engelmannii

Carphoborus carri Swaine, *Carphoborus intermedius* Wood, *Carphoborus piceae* Wood, *Carphoborus sansoni* Swaine, *Cryphalus ruficollis* Hopkins, *Crypturgus borealis* Swaine, *Dolargus pumilus* (Mannerheim), *Dryocoetes caryi* Hopkins, *Dryocoetes confusus* Swaine, *Gnathotrichus denticulatus* Blackman, *Gnathotrichus retusus* (LeConte), *Hylastes macer* LeConte, *Hylurgops reticulatus* Wood, *Hylurgops rugipennis rugipennis* (Mannerheim), *Hylurgops subcostulatus subcostulatus* (Mannerheim), *Ips borealis swaini* Hoppong, R., *Ips borealis lanieri* Wood, *Ips hunteri* Swaine, *Ips perturbatus* (Eichhoff), *Ips pilifrons pilifrons*, *Ips pilifrons utahensis* Wood, *Ips pilifrons sulcifrons* Wood, *Ips tridens engelmanni* Swaine, *Phloeotribus lecontei* Schedl, *Pityokteines lasiocarpi* (Swaine), *Pityophthorus aquilus* Blackman, *Pityophthorus bassetti* Blackman, *Pityophthorus carinulatus* Swaine, *Pityophthorus murrayanae* Blackman, *Pityophthorus nitidulus* (Mannerheim), *Pityophthorus nitidus* Swaine, *Pityophthorus occidentalis* Blackman, *Pityophthorus opaculus* LeConte, *Pityophthorus pseudotsugae* Swaine, *Pityophthorus recens* Bright, *Pityophthorus tuberculatus* Eichhoff, *Polygraphus convexifrons* Wood, *Polygraphus hoppingi* Swaine, *Polygraphus rufipennis* (Kirby), *Scierus amictens* LeConte, *Scierus pubescens* Swaine, *Scolytus opaculus* Blackman, *Trypodendron rufitarsis* (Kirby), *Nylechinus montanus* Blackman.

Picea excelsa

Carphoborus rossicus Semenov, *Carphoborus teplouchovi* Spessivtsev, *Cryphalus asperatus* (Gyllenhal), *Cryphalus piceae* (Ratzeburg), *Cryphalus piccus* Eggers, *Cryphalus saltuarius* Weise, *Dendroctonus micans* (Kugelann), *Hylastes angustatus* (Herbst), *Hylastes brunneus* Erichson, *Hylastes cunicularius* Erichson, *Hylastes plumbicus* Blandford, *Hylurgops glabratus* (Zetterstedt), *Hylurgops inouyei* Nobuchi, *Hylurgops palliatus* (Gyllenhal), *Ips amitinus* (Eichhoff), *Ips duplicatus* (Sahlberg), *Orthotomicus starki* Spessivtsev, *Phloeotribus spinulosus* (Rey), *Pityogenes saalasi* Eggers, *Pityophthorus arakii* (Sawamoto), *Pityophthorus exculptus* (Ratzeburg), *Pityophthorus micrographus* (Linnaeus), *Pityophthorus morosovi* Spessivtsev, *Pityophthorus pityographus* (Ratzeburg), *Pityophthorus tragardhi* Spessivtsev, *Trypodendron laeae* Eggers.

Picea glauca

Carphoborus andersoni Swaine, *Carphoborus carri* Swaine, *Carphoborus sansoni* Swaine, *Cryphalus ruficollis* Hopkins, *Crypturgus borealis* Swaine, *Dendroctonus punctatus* LeConte, *Dryocoetes caryi* Hopkins, *Dryocoetes granicollis* (LeConte), *Ips borealis borealis* Swaine, *Ips borealis thomasi* Hoppong, G., *Ips borealis lanieri* Wood, *Ips perturbatus* (Eichhoff), *Ips tridens tridens*, *Ips tridens engelmanni* Swaine, *Phloeosinus pini* Swaine, *Phloeotribus piceae* Swaine, *Pityophthorus balsameus* Blackman, *Pityophthorus bassetti* Blackman, *Pityophthorus borealis* Blackman, *Pityophthorus cariniceps* LeConte, *Pityophthorus cascoensis* Blackman, *Pityophthorus concavus* Blackman, *Pityophthorus consimilis* LeConte, *Pityophthorus dentifrons* Blackman, *Pityophthorus intexus* Swaine, *Pityophthorus murrayanae* Blackman, *Pityophthorus nitidulus* (Mannerheim), *Pityophthorus nitidus* Swaine,

Pityophthorus opaculus LeConte, *Pityophthorus recens* Bright, *Polygraphus convexifrons* Wood, *Polygraphus rufipennis* (Kirby), *Scierus amictens* LeConte, *Nylechinus americanus* Blackman.

Picea glehnii

Cryphalus piceae (Ratzeburg), *Cryphalus piccus* Eggers, *Crypturgus tuberosus* Niisima, *Hylurgops inouyei* Nobuchi, *Polygraphus gracilis* Niisima, *Nylechorus septentrionalis* Niisima.

Picea jezoensis

Cryphalus jezoensis Inouye & Nobuchi, *Cryphalus laricis* Niisima, *Cryphalus nipponensis* Inouye & Nobuchi, *Cryphalus piceae* (Ratzeburg), *Cryphalus piccus* Eggers, *Cryphalus sichotensis* Kurenzov, *Crypturgus tuberosus* Niisima, *Dryocoetes niijimai* Nobuchi, *Hylastes cunicularius* Erichson, *Hylastes plumbicus* Blandford, *Hylurgops glabratus* (Zetterstedt), *Hylurgops inouyei* Nobuchi, *Hylurgops interstitialis* (Chapuis), *Hylurgops longipilus* (Reitter), *Hylurgops spessivtsevi* Eggers, *Hylurgops interstitialis* (Chapuis), *Hylurgops palliatus* (Gyllenhal), *Ips duplicatus* (Sahlberg), *Pityogenes foecolatus* Eggers, *Pityogenes scirindensis* Murayama, *Polygraphus gracilis* Niisima, *Polygraphus proximus* Blandford, *Polygraphus sachalinensis* Eggers, *Polygraphus squamulatus* Niisima, *Tomiscus puellus* (Reitter), *Nylechorinus saxoseni* (Ratzeburg), *Nylechorus septentrionalis* Niisima.

Picea koraiensis

Carphoborus taicaiensis Murayama, *Carphoborus teplouchovi* Spessivtsev, *Crypturgus tuberosus* Niisima, *Hylurgops glabratus* (Zetterstedt), *Pityophthorus morosovi* Spessivtsev, *Pityophthorus pini* Kurenzov, *Polygraphus proximus* Blandford, *Polygraphus sachalinensis* Eggers.

Picea likiangensis

Polygraphus junmanicus Sokanovskii.

Picea mariana

Crypturgus alutaceus Schwarz, *Pityophthorus borealis* Blackman, *Pityophthorus briscoei* Blackman, *Pityophthorus nitidus* Swaine.

Picea microsperma

Hylurgops palliatus (Gyllenhal).

Picea morinda

Crossotarsus confiferae Stebbing, *Cryphalus major* Stebbing, *Dryocoetes indicus* Stebbing, *Ips stebbingi* Strohmeier, *Pityogenes spessivtsevi* Lebedev, *Polygraphus major* Stebbing, *Polygraphus pini* Stebbing, *Scolytoplatypus raja* Blandford, *Scolytoplatypus siomio* Blandford.

Picea morrisonicola

Polygraphus taicaiensis Schedl.

Picea obovata

Carphoborus teplouchovi Spessivtsev, *Cryphalus piccus* Eggers, *Cryphalus saltuarius* Weise, *Hylastes brunneus* Erichson, *Hylastes cunicularius* Erichson, *Hylastes plumbicus* Blandford, *Hylurgops glabratus* (Zetterstedt), *Hylurgops spessivtsevi* Eggers, *Ips duplicatus* (Sahlberg), *Orthotomicus starki* Spessivtsev, *Pityogenes rudnecki* Sokanovskii, *Pityogenes saalasi* Eggers, *Pityogenes scirindensis* Murayama, *Pityophthorus flavimaculatus* Murayama, *Pityophthorus lapponicus* Stark, *Pityophthorus lichtensteini* (Ratzeburg), *Pityophthorus micrographus* (Linnaeus), *Pityophthorus morosovi* Spessivtsev, *Pityophthorus pini* Kurenzov, *Pityophthorus tragardhi* Spessivtsev, *Polygraphus sachalinensis* Eggers.

Picea omorika

Pityophthorus micrographus (Linnaeus), *Pityophthorus pityographus* (Ratzeburg).

Picea orientalis

Cryphalus saltuarius Weise, *Pityophthorus pityographus* (Ratzeburg).

Picea pungens

Carphoborus brevisetosus Wood, *Carphoborus sansoni* Swaine, *Ips launeri* Swaine, *Ips pilifrons sulcifrons* Wood, *Phloeotribus lecontei* Schedl, *Pityokteines ornatus* (Swaine), *Pityophthorus bassetti* Blackman, *Pityophthorus carinulatus* Swaine, *Pityophthorus murrayanae* Blackman, *Pityophthorus occidentalis* Blackman, *Pityophthorus opaculus* LeConte, *Pityophthorus ornatus* Blackman, *Pityophthorus tuberculatus* Eichhoff, *Polygraphus rufipennis* (Kirby).

Picea rubens

Carphoborus carri Swaine, *Carphoborus dumii* Swaine, *Cryphalus rubentis* Hopkins, *Cryphalus ruficollis* Hopkins, *Crypturgus borealis* Blackman, *Dendroctonus punctatus* LeConte, *Dryocoetes caryi* Hopkins, *Pityophthorus angustus* Blackman, *Pityophthorus biovalis* Blackman, *Pityophthorus briscoei* Blackman, *Pityophthorus dentifrons* Blackman, *Polygraphus rufipennis* (Kirby), *Xylechinus americanus* Blackman.

Picea schrenkiana

Ips hameri Reitter, *Pityogenes spessittsevi* Lebedev, *Pityophthorus kirgizicus* Pjatnitskii, *Pityophthorus parfentieri* Pjatnitskii, *Pityophthorus schrenkianae* Pjatnitskii.

Picea sitchensis

Cryphalus pubescens Hopkins, *Dendroctonus punctatus* LeConte, *Dolurgus pumilus* (Mannerheim), *Hylurgops reticulatus* Wood, *Hylurgops rugipennis rugipennis* (Mannerheim), *Ips concinnus* (Mannerheim), *Ips plastographus maritimus* Lanier, *Ips tridens tridens*, *Ips tridens engelmanni* Swaine, *Pityophthorus nitidulus* (Mannerheim), *Pseudohylesinus sitchensis* Swaine.

Picea spinulosa

Trypodendron dorjitenzingi Schmutzenhofer.

***Picea* spp.**

Carphoborus sansoni Swaine, *Cryphalus latus* Eggers, *Crypturgus cinereus* (Herbst), *Crypturgus hispidulus* Thomson, *Crypturgus pusillus* (Gyllenhal), *Crossotarsus piccae* Stebbing, *Dendroctonus rufipennis* Kirby, *Dendroctonus valens* LeConte, *Dryocoetes affaber* (Mannerheim), *Dryocoetes autographus* (Ratzeburg), *Dryocoetes formosanus* Nobuchi, *Dryocoetes hectographus* Reitter, *Dryocoetes pini* Niisima, *Dryocoetes rugicollis* Eggers, *Gnathotrichus materiarius* (Fitch), *Hylastes angusticollis* Eggers, *Hylastes ater* (Paykull), *Hylastes nigrinus* (Mannerheim), *Hylastes opacus* Erichson, *Hylurgops imitator* (Reitter), *Hylurgops porosus* (LeConte), *Hylurgops rugipennis pinifex* Fitch, *Hylurgops subcostatus subcostulatus* (Mannerheim), *Hypothenemus interstitialis* (Hopkins), *Ips acuminatus* (Gyllenhal), *Ips orientalis* Wood & Yin, *Ips sexdentatus* (Boemer), *Ips typographus* (Linnaeus), *Orthotomicus caclatus* (Eichhoff), *Orthotomicus laricis* (Fabricius), *Orthotomicus proximus* (Eichhoff), *Orthotomicus suturalis* (Gyllenhal), *Pityogenes bidentatus* (Herbst), *Pityogenes chalcographus* (Linnaeus), *Pityogenes quadridens* (Hartig), *Pityokteines curridens* (Germar), *Pityophthorus balsameus* Blackman, *Pityophthorus carinatus carinatus* Bright, *Pityophthorus consimilis* LeConte, *Pityophthorus lautus* Eichhoff,

Pityophthorus puberulus (LeConte), *Pityophthorus puberulus* (Zinnicruamam), *Platypus xylographus* Schedl, *Polygraphus jozeonis* Niisima, *Polygraphus kisocensis* Niisima, *Polygraphus poligraphus* (Linnaeus), *Polygraphus rufipennis* (Kirby), *Polygraphus subopacus* Thomson, *Scolytoplatypus tycon* Blandford, *Scolytus piccae* (Swaine), *Tomieus minor* (Hartig), *Tomieus piniperda* (Linnaeus), *Trypodendron lineatum* (Olivier), *Xyleborinus saxeseni* (Ratzeburg), *Xylechinus montanus* Blackman, *Xylechinus pilosus* (Ratzeburg), *Xyloterinus politus* (Say).

***Pimeleodendron* spp.**

Platypus advena Schedl, *Platypus fulgidus* Browne.

Pinus albicaulis

Dendroctonus ponderosae Hopkins, *Ips latidens* (LeConte), *Ips montanus* (Eichhoff), *Pityogenes fossifrons* (LeConte), *Pityophthorus absontus* Blackman, *Pityophthorus aquilus* Blackman, *Pityophthorus confertus* Swaine, *Pityophthorus confinis* LeConte, *Pityophthorus murrayanae* Blackman, *Pityophthorus toralis* Wood.

Pinus aristata

Carphoborus declivis Wood, *Conophthorus ponderosae* Hopkins, *Pityophthorus absontus* Blackman, *Pityophthorus aquilus* Blackman, *Pityophthorus boycei* Swaine, *Pityophthorus crassus* Blackman, *Pityophthorus jeffreyi* Blackman, *Pityophthorus mormon* Bright, *Pityophthorus tuberculatus* Eichhoff, *Pityophthorus venustus* Blackman.

Pinus armandii

Cryphalus chidingensis Tsai & Li, *Cryphalus lipingensis* Tsai & Li, *Cryphalus pseudochidingensis* Tsai & Li, *Dendroctonus armandi* Tsai & Li, *Hylastes techangensis* Tsai & Huang, *Hylurgops junnanicus* Sokanovskii, *Hylurgops longipilus* (Reitter), *Hylurgops major* Eggers, *Polygraphus junnanicus* Sokanovskii, *Polygraphus sinensis* Eggers, *Polygraphus squameus* Yin & Huang, *Polygraphus verrucifrons* Tsai & Yin, *Polygraphus zhungdianensis* Tsai & Yin, *Tomieus pilifer* (Spessittsev), *Xyleborinus saxeseni* (Ratzeburg).

Pinus attenuata

Hylurgops porosus (LeConte), *Hylurgops reticulatus* Wood, *Hylurgops rugipennis rugipennis* (Mannerheim), *Ips mexicanus* (Hopkins), *Ips paraconfusus* Lanier, *Pityokteines ornatus* (Swaine), *Pityophthorus californicus* Bright, *Pityophthorus carmeli* Swaine, *Pityophthorus tuberculatus* Eichhoff.

Pinus ayacahuite

Dendroctonus adjunctus Blandford, *Dendroctonus approximatus* Dietz, *Dendroctonus mexicanus* Hopkins, *Hylurgops planirostris* (Chapuis), *Pityoborus secundus* Blackman, *Pityophthorus abstrusus* Bright, *Pityophthorus annectens* LeConte, *Pityophthorus brevis* Blackman, *Pityophthorus crassus* Blackman, *Pityophthorus cristatus* Wood, *Pityophthorus cuspidatus* Blackman, *Pityophthorus delicatus* Wood, *Pityophthorus discretus* Wood, *Pityophthorus festus* Wood, *Pityophthorus glabratulus* (Schedl), *Pityophthorus impexus* Bright, *Pityophthorus montivagus* Bright, *Pityophthorus nigricans* Blandford, *Pityophthorus scabridus* Schedl, *Pityophthorus solus* Blackman.

Pinus balfouriana

Dendroctonus ponderosae Hopkins, *Hylurgops rugipennis pinifex* Fitch, *Ips montanus* (Eichhoff), *Pityogenes fossifrons* (LeConte), *Pityophthorus absontus* Blackman.

Pinus banksiana

Conophthorus resinosa Hopkins, *Cryphalus fulvus* Niisima, *Dendroctonus murrayanae* Hopkins, *Ips perroti* Swaine, *Ips pilifrons thatcheri* Wood, *Ips pini* (Say), *Phloeosinus pini* Swaine, *Pityogenes plagiatus* (LeConte), *Pityophthorus balsameus* Blackman, *Pityophthorus brisocci* Blackman, *Pityophthorus cariniceps* LeConte, *Pityophthorus cavatus* Bright, *Pityophthorus concavus* Blackman, *Pityophthorus consimilis* LeConte, *Pityophthorus dentifrons* Blackman, *Pityophthorus puberulus* (LeConte), *Pityophthorus pulchellus* Eichhoff, *Trypodendron rufitarsis* (Kirby), *Trypodendron scabricollis* (LeConte).

Pinus brutia

Pityogenes pennidens (Reitter).

Pinus canariensis

Crypturgus concolor (Wollaston), *Hylastes loucei* Paiva, *Ips nobilis* (Wollaston).

Pinus caribaea

Pityoborus hondurensis Wood, *Pityophthorus annectens* LeConte, *Pityophthorus ocellus* Bright, *Pityophthorus pulicarius* (Zimmermann), *Pityophthorus scaberrimus* Schedl, *Xyleborinus sharpae* (Hopkins).

Pinus cembra

Hylurgops glabratus (Zetterstedt), *Pityogenes conjunctus* Reitter, *Pityophthorus lichtensteini* (Ratzeburg).

Pinus cembroides

Carphoborus convexifrons Wood, *Carphoborus pini-colens* Wood, *Conophthorus edulis* Hopkins, *Ips hoppingi* Lanier, *Pityophthorus arcanus* Bright, *Pityophthorus barberi* Blackman, *Pityophthorus confertus* Swaine, *Pityophthorus crassus* Blackman, *Pityophthorus deletus* LeConte, *Pityophthorus keeni* (Blackman), *Pityophthorus lecontei* Bright, *Pityophthorus leiophyllae* Blackman, *Pityophthorus modicus* Blackman, *Pityophthorus schwarzii* Blackman, *Pityophthorus subopacus* Blackman, *Pityophthorus tuberculatus* Eichhoff, *Pityophthorus zonalis* Bright, *Pityotrichus barbatus* (Blackman).

Pinus chiapensis

Gnathotrichus perniciosus Wood.

Pinus chihuahuana

Platypus pini Hopkins.

Pinus clausa

Carphoborus bicornis Wood.

Pinus contorta

Carphoborus declivis Wood, *Carphoborus intermedius* Wood, *Carphoborus ponderosae* Swaine, *Conophthorus ponderosae* Hopkins, *Crypturgus borealis* Swaine, *Dendroctonus murrayanae* Hopkins, *Dendroctonus ponderosae* Hopkins, *Dolurgus pumilus* (Mannerheim), *Gnathotrichus retusus* (LeConte), *Hylastes longicollis* Swaine, *Hylurgops porosus* (LeConte), *Hylurgops reticulatus* Wood, *Hylurgops rugipennis rugipennis* (Mannerheim), *Hylurgops rugipennis pinifex* Fitch, *Hylurgops subcostulatus subcostulatus* (Mannerheim), *Ips emarginatus* (LeConte), *Ips latidens* (LeConte), *Ips pini* (Say), *Ips plastographus maritimus* Lanier, *Phloeosinus antennatus* Swaine, *Pityogenes knechtli* Swaine, *Pityokteines ornatus* (Swaine), *Pityophthorus absonus* Blackman, *Pityophthorus aquilus* Blackman, *Pityophthorus boycei* Swaine, *Pityophthorus carinatus monticolae* Bright, *Pityophthorus carinulatus* Swaine, *Pityophthorus confertus* Swaine, *Pityophthorus confinis* LeConte, *Pityophthorus crassus* Blackman, *Pityophthorus digestus* (LeConte), *Pityophthorus fuscus* Black-

man, *Pityophthorus indigus* Wood, *Pityophthorus mormon* Bright, *Pityophthorus murrayanae* Blackman, *Pityophthorus nitidulus* (Mannerheim), *Pityophthorus occidentalis* Blackman, *Pityophthorus scalptor* Blackman, *Pityophthorus toralis* Wood, *Pityophthorus tuberculatus* Eichhoff, *Pityophthorus venustus* Blackman, *Pseudohylesinus pini* Wood, *Sciurus annectens* LeConte, *Trypodendron rufitarsis* (Kirby), *Xyleborus intrusus* Blandford.

Pinus cooperi

Gnathotrichus nitidifrons Hopkins, *Ips mexicanus* (Hopkins), *Pityophthorus crassus* Blackman, *Pityophthorus rubidus* Wood, *Pityophthorus thomasi* Bright.

Pinus coulteri

Dendroctonus brucei LeConte, *Dendroctonus ponderosae* Hopkins, *Ips paraconfusus* Lanier, *Pityophthorus carmeli* Swaine, *Pityophthorus confinis* LeConte, *Pityophthorus electus* Blackman, *Pityophthorus scalptor* Blackman, *Pityophthorus tuberculatus* Eichhoff, *Pityophthorus venustus* Blackman, *Xyleborus intrusus* Blandford.

Pinus culminicola

Pityophthorus crassus Blackman, *Pityophthorus culminicola* Bright, *Pityophthorus megas* Bright, *Pityophthorus terminalis* Bright.

Pinus densiflora

Ambrosiodmus rubricollis (Eichhoff), *Cryphalus fulvus* Niisima, *Cryphalus jeholensis* Murayama, *Cryphalus laricis* Niisima, *Cryphalus piceae* (Ratzeburg), *Cryphalus oblongus* Niisima, *Dryocoetes uniseriatus* Eggers, *Euwallacea calidus* (Eichhoff), *Hylastes parallelus* Chapuis, *Hylastes plumbicus* Blandford, *Hylurgops interstitialis* (Chapuis), *Orthotomicus multidentatus* (Murayama), *Orthotomicus tosaensis* (Murayama), *Pityophthorus jucundus* Blandford, *Polygraphus kisoensis* Niisima, *Xyleborus aquilus* Blandford, *Xyleborus atratus* Eichhoff, *Xyleborus festivus* Eichhoff, *Xyleborus septentrionalis* Niisima.

Pinus discolor

Conophthorus edulis Hopkins.

Pinus douglasiana

Conophthorus ponderosae Hopkins.

Pinus durangensis

Conophthorus ponderosae Hopkins, *Dendroctonus rhizophagus* Thomas & Bright, *Hylastes gracilis* LeConte, *Hylurgops incomptus* (Blandford), *Ips mexicanus* (Hopkins), *Pityophthorus crassus* Blackman, *Pityophthorus festus* Wood.

Pinus echinata

Carphoborus bifurcus Eichhoff, *Conophthorus echinatae* Wood, *Crypturgus alutaceus* Schwarz, *Crypturgus borealis* Swaine, *Dendroctonus frontalis* Zimmermann, *Dendroctonus terebrans* (Olivier), *Gnathotrichus materiarius* (Fitch), *Pityogenes meridiemus* Blackman, *Pityogenes plagiatus* (LeConte), *Pityophthorus confusus* Blandford, *Pityophthorus pulicarius* (Zimmermann), *Pityophthorus pullus* (Zimmermann), *Trypodendron scabricollis* (LeConte), *Xyleborus pubescens* Zimmermann.

Pinus edulis

Carphoborus convexifrons Wood, *Carphoborus pini-colens* Wood, *Conophthorus edulis* Hopkins, *Dendroctonus ponderosae* Hopkins, *Hylastes fulgidus* Blackman, *Hylastes gracilis* LeConte, *Ips confusus* (LeConte), *Ips latidens* (LeConte), *Pityokteines ornatus* (Swaine), *Pityophthorus annectens* LeConte, *Pityophthorus barberi* Blackman, *Pityophthorus blandus* Black-

man, *Pityophthorus brevis* Blackman, *Pityophthorus confertus* Swaine, *Pityophthorus crassus* Blackman, *Pityophthorus deletus* LeConte, *Pityophthorus keeni* (Blackman), *Pityophthorus lecontei* Bright, *Pityophthorus medicus* Blackman, *Pityophthorus punctifrons* Bright, *Pityophthorus schwarzi* Blackman, *Pityophthorus solus* Blackman, *Pityophthorus tuberculatus* Eichhoff, *Pityophthorus woodi* Bright, *Pityotrichus barbatus* (Blackman).

Pinus elliotii

Ambrosiodmus catharinensis (Eggers), *Ambrosiodmus hagedornii* (Eglesias), *Carphoborus bifurens* Eichhoff, *Dendroctonus terabrans* (Olivier), *Hylastes exilis* Chapuis, *Pityophthorus annectens* LeConte, *Pityophthorus anticus* Schedl, *Pityophthorus concentricus* Eichhoff, *Pityophthorus confusus* Blandford, *Pityophthorus pinacornus* Bright, *Thyoborus villosulus* (Blandford), *Xyleborinus gracilis* (Eichhoff), *Xyleborinus linearicollis* (Schedl), *Xyleborinus schoenherrii* (Schedl), *Xyleborus adelographus* Eichhoff.

Pinus engelmannii

Carphoborus pinicolens Wood, *Conophthorus apacheae* Hopkins, *Dendroctonus approximatus* Dietz, *Dendroctonus frontalis* Zimmermann, *Dendroctonus rhizophagus* Thomas & Bright, *Hylurgops incomptus* (Blandford), *Pityophthorus annectens* LeConte, *Pityophthorus crassus* Blackman, *Pityophthorus cristatus* Wood, *Pityophthorus intentus* Bright, *Pityophthorus rubidus* Wood, *Pityophthorus sclerodactyligeri* (Schedl), *Pityophthorus seguis* Blackman.

Pinus excelsa

Crossotarsus fairmairei Chapuis, *Cryphalus major* Stebbing, *Cryphalus strolmeyereri* Stebbing, *Dryocoetes indicus* Stebbing, *Hylastes brunneus* Erichson, *Ips stebbingi* Strolmeyer, *Pityogenes scitus* Blandford, *Pityogenes spessictseri* Lebedev, *Pityophthorus deodara* (Stebbing), *Polygraphus pini* Stebbing, *Scolytus major* Stebbing.

Pinus flexilis

Carphoborus pinicolens Wood, *Conophthorus ponderosae* Hopkins, *Dendroctonus ponderosae* Hopkins, *Gnathotrichus retusus* (LeConte), *Hylurgops porosus* (LeConte), *Hylurgops rugipennis pinifex* Fitch, *Ips latidens* (LeConte), *Ips woodi* Thatcher, *Pityogenes fossifrons* (LeConte), *Pityophthorus absomus* Blackman, *Pityophthorus acutus* Blackman, *Pityophthorus amplus* (Blackman), *Pityophthorus aquilus* Blackman, *Pityophthorus boycei* Swaine, *Pityophthorus confertus* Swaine, *Pityophthorus crassus* Blackman, *Pityophthorus deletus* LeConte, *Pityophthorus grandis* Blackman, *Pityophthorus morion* Bright, *Pityophthorus murrayanae* Blackman, *Pityophthorus occidentalis* Blackman, *Pityophthorus pinguis* (Blackman), *Pityophthorus toralis* Wood, *Pityophthorus tuberculatus* Eichhoff, *Pityotrichus hesperius* Bright.

Pinus gerardiana

Carphoborus zhoi (Stebbing), *Ips stebbingi* Strolmeyer, *Pityogenes scitus* Blandford, *Pityogenes spessictseri* Lebedev, *Pityophthorus chilgoza* Wood, *Polygraphus major* Stebbing, *Polygraphus treuchii* Stebbing.

Pinus glabra

Dendroctonus frontalis Zimmermann.

Pinus greggii

Carphoborus costatus Wichmann, *Pityophthorus crassus* Blackman, *Pityophthorus pellitus* Schedl, *Pityophthorus schwarzi* Blackman, *Pityophthorus solus* Blackman.

Pinus griffithii

Carphoborus costatus Wichmann, *Polygraphus aterrinus* Strolmeyer, *Polygraphus major* Stebbing, *Polygraphus setosus* Schedl, *Polygraphus squameus* Yin & Huang, *Polygraphus zhungdianensis* Tsai & Yin, *Trypodendron dorjintenzingi* Schmutzenhofer.

Pinus halepensis

Carphoborus boumairei Brisout, *Carphoborus marani* Pfeiffer, *Carphoborus pini* Eichhoff, *Crypturgus mediterraneus* Eichhoff, *Crypturgus numidicus* Ferrari, *Hylastes linearis* Erichson, *Hylurgus micklitzii* Wachtl, *Ips erosus* (Wollaston), *Orthotomicus proximus* (Eichhoff), *Pityogenes calcaratus* (Eichhoff), *Pityogenes porifrons* Eggers, *Pityophthorus pubescens* (Marshall).

Pinus hartwegii

Dendroctonus adjunctus Blandford, *Dendroctonus approximatus* Dietz, *Ips mexicanus* (Hopkins), *Pityogenes mexicanus* Wood, *Pityophthorus blandulus* Schedl, *Pityophthorus cortezii* Bright, *Pityophthorus crassus* Blackman, *Pityophthorus furvissii* Bright, *Pityophthorus pubifrons* Bright, *Pityophthorus solus* Blackman, *Pseudotsyanoes pini* Wood.

Pinus heldreichii

Pityophthorus balcanicus Pfeiffer, *Pityophthorus henscheli* Seitner, *Pityophthorus pityographus* (Ratzeburg).

Pinus hondurensis

Xyleborus affinis Eichhoff.

Pinus insularis

Ambrosiodmus camphorae (Hagedorn), *Ambrosiodmus inominatus* (Schedl), *Ambrosiodmus triton* (Schaufuss), *Coccotrypes recticollis* (Schedl), *Cryphalus malloti* Schedl, *Cryphalus sylvicola* (Perkins), *Cyrtogenius luteus* (Blandford), *Diapus malgassicus* Schedl, *Hylastes techangensis* Tsai & Huang, *Mitosoma exisum* Schaufuss, *Mitosoma ouconiceps* Schedl, *Mitosoma obliquatum* Schedl, *Platypus piniperla* Schedl, *Platypus tenellus* Schedl, *Polygraphus jumanicus* Sokanovskii, *Polygraphus szemaocensis* Tsai & Yin, *Scolytoplatypus pusillus* Eggers, *Tomicus brevipilosus* (Eggers), *Xyleborinus spinifer* (Eggers), *Xyleborus antaisaka* Schedl, *Xyleborus madagascariensis* Schaufuss, *Xyleborus pinicola* Eggers, *Xyleborus sakalava* Schedl, *Xyleborus submolestus* Schedl, *Xylosandrus crassiusculus* (Motschulsky).

Pinus jeffreyi

Cactopinus pini Blackman, *Carphoborus simplex* LeConte, *Conophthorus ponderosae* Hopkins, *Dendroctonus jeffreyi* Hopkins, *Dendroctonus ponderosae* Hopkins, *Gnathotrichus retusus* (LeConte), *Hylurgops porosus* (LeConte), *Hylurgops reticulatus* Wood, *Hylurgops subcostulatus subcostulatus* (Mannerheim), *Ips emarginatus* (LeConte), *Ips latidens* (LeConte), *Ips paraconfusus* Lanier, *Ips pilifrons thatcheri* Wood, *Ips pini* (Say), *Pityogenes carinulatus* (LeConte), *Pityokteines ornatus* (Swaine), *Pityophthorus confertus* Swaine, *Pityophthorus confinis* LeConte, *Pityophthorus digestus* (LeConte), *Pityophthorus clectus* Blackman, *Pityophthorus jeffreyi* Blackman, *Pityophthorus sculptor* Blackman, *Pityophthorus tuberculatus* Eichhoff, *Pityophthorus venustus* Blackman, *Trypodendron rufitarsis* (Kirby), *Xyleborus ferrugineus* (Fabricius), *Xyleborus intrusus* Blandford.

Pinus koraiensis

Cryphalus fulvus Niisima, *Cryphalus laricis* Niisima, *Cryphalus piccus* Eggers, *Dryocoetes baikalicus* Reitter, *Dryocoetes infuscatus* Murayama, *Hylastes brunneus* Erichson, *Hylastes cunicularius* Erichson, *Hylastes*

plumbicus Blandford, *Hylurgops interstitialis* (Chapuis), *Hylurgops longipilus* (Reitter), *Hylurgops spessirtseti* Eggers, *Hylurgops transbaicalicus* Eggers, *Pityogenes forcolatus* Eggers, *Pityogenes irkutensis* Eggers, *Pityophthorus lapponicus* Stark, *Pityophthorus pini* Kirenzov, *Polygraphus sachalinensis* Eggers, *Scolytus moravici* Semenov, *Tomiscus brevipilosus* (Eggers), *Tomiscus pilifer* (Spessirtsev), *Tomiscus puellus* (Reitter), *Xyleborinus saevus* (Ratzeburg).

Pinus lambertiana

Cactopinus koebeli Blackman, *Carphoborus pinicoleus* Wood, *Conophthorus ponderosae* Hopkins, *Cryphalus pubescens* Hopkins, *Dendroctonus ponderosae* Hopkins, *Gnathotrichus retusus* (LeConte), *Hylurgops rugipennis* (Mannerheim), *Ips latidens* (LeConte), *Ips paraconfusus* Lanier, *Pityophthorus confinis* LeConte, *Pityophthorus dolus* Wood, *Pityophthorus pseudotsugae* Swaine.

Pinus laevis

Dendroctonus mexicanus Hopkins, *Pityophthorus amictens* LeConte, *Pityophthorus cuspidatus* Blackman, *Pityophthorus durus* Blackman, *Pityophthorus lepidus* Bright, *Pityophthorus miniatus* Bright, *Pityophthorus nocturnus* Schedl, *Pityophthorus obtusipennis* Blandford, *Pityophthorus pellitus* Schedl, *Pityophthorus solatus* Wood, *Pityophthorus solus* Blackman.

Pinus leiophylla

Carphoborus convexifrons Wood, *Carphoborus pinicoleus* Wood, *Conophthorus conicoleus* Wood, *Conophthorus ponderosae* Hopkins, *Dendroctonus adjunctus* Blandford, *Dendroctonus approximatus* Dietz, *Dendroctonus mexicanus* Hopkins, *Dendroctonus parallelocollis* Chapuis, *Gnathotrichus delcovi* Blackman, *Gnathotrichus nitidifrons* Hopkins, *Gnathotrichus perniciosus* Wood, *Gnathotrichus sulcatus* (LeConte), *Hylurgops incomptus* (Blandford), *Hylurgops plauirostris* (Chapuis), *Hylurgops subcostulatus alternans* (Chapuis), *Ips mexicanus* (Hopkins), *Ipsoborus secundus* Blackman, *Pityophthorus aciculatus* Bright, *Pityophthorus acutus* Blackman, *Pityophthorus amictens* LeConte, *Pityophthorus barberi* Blackman, *Pityophthorus clarus* Blackman, *Pityophthorus crassus* Blackman, *Pityophthorus cristatus* Wood, *Pityophthorus delicatus* Wood, *Pityophthorus durus* Blackman, *Pityophthorus festus* Wood, *Pityophthorus grandis* Blackman, *Pityophthorus intentus* Bright, *Pityophthorus leiophyllae* Blackman, *Pityophthorus obtusipennis* Blandford, *Pityophthorus perotei* Blackman, *Pityophthorus rubidus* Wood, *Pityophthorus schwarzi* Blackman, *Pityophthorus solus* Blackman, *Pityophthorus spadix* Blackman, *Pityophthorus subopacus* Blackman, *Pityophthorus venustus* Blackman, *Platypus pini* Hopkins, *Xyleborus intrusus* Blandford.

Pinus leucodermis

Crypturgus nimidicus Ferrari, *Ips robustus* (Knotek), *Pityogenes bistridentatus* (Eichhoff).

Pinus luchuensis

Orthotomicus kunijoshii Nobuchi, *Xyleborus atratus* Eichhoff.

Pinus lumholtzii

Carphoborus mexicanus Bright, *Pityophthorus crassus* Blackman, *Pityophthorus cristatus* Wood, *Pityophthorus cuspidatus* Blackman, *Pityophthorus rubidus* Wood, *Pityophthorus schwarzi* Blackman.

Pinus massoniana

Cryphalus massonians Tsai & Li, *Cyrtogenius luteus*

(Blandford), *Eucallacca interjectus* (Blandford), *Eucallacca validus* (Eichhoff), *Hylurgops longipilus* (Reitter), *Hylurgops major* Eggers, *Xyleborus aquilus* Blandford, *Xyleborus pinicola* Eggers.

Pinus maximowiczii

Cryphalus furukawai Murayama, *Xyleborus niticus* Blandford.

Pinus merkusii

Platypus biflexuosus Schedl, *Platypus curvus* Strohmeyer, *Polygraphus sunatrans* Schedl, *Xyleborus pfeili* (Ratzeburg).

Pinus mexicana

Xyleborus intrusus Blandford.

Pinus michoacana

Conophthorus michoacanae Wood, *Pityophthorus confusus* Blandford, *Pityophthorus durus* Blackman, *Pityophthorus pellitus* Schedl, *Pityophthorus subopacus* Blackman.

Pinus monophylla

Cactopinus koebeli Blackman, *Cactopinus pini* Blackman, *Carphoborus frontalis* Wood, *Carphoborus pinicoleus* Wood, *Conophthorus monophyllae* Hopkins, *Dendroctonus ponderosae* Hopkins, *Hylastes gracilis* LeConte, *Ips confusus* (LeConte), *Pityophthorus arcuus* Bright, *Pityophthorus blandus* Blackman, *Pityophthorus confinis* LeConte, *Pityophthorus deletus* LeConte, *Pityophthorus grandis* Blackman, *Pityophthorus keevii* (Blackman), *Pityophthorus medicus* Blackman, *Pityophthorus punctifrons* Bright, *Pityophthorus tuberculatus* Eichhoff.

Pinus montana

Cryphalus piccus Eggers, *Hylurgops glabratus* (Zetterstedt), *Pityogenes conjunctus* Reitter.

Pinus montezumae

Conophthorus ponderosae Hopkins, *Dendroctonus adjunctus* Blandford, *Dendroctonus approximatus* Dietz, *Dendroctonus mexicanus* Hopkins, *Dendroctonus parallelocollis* Chapuis, *Gnathotrichus delcovi* Blackman, *Gnathotrichus nitidifrons* Hopkins, *Gnathotrichus perniciosus* Wood, *Gnathotrichus sulcatus* (LeConte), *Hylastes gracilis* LeConte, *Hylastes retifer* Wood, *Ips bonansea* (Hopkins), *Ips mexicanus* (Hopkins), *Pityophthorus arcuthobii* Wood, *Pityophthorus crassus* Blackman, *Pityophthorus dispar* Bright, *Pityophthorus micans* Bright, *Pityophthorus montezumae* Bright, *Pityophthorus pellitus* Schedl, *Pityophthorus scabridus* Schedl, *Pityophthorus schwarzi* Blackman, *Pityophthorus solus* Blackman, *Pityophthorus subopacus* Blackman, *Pseudothysanoes pini* Wood.

Pinus monticola

Conophthorus ponderosae Hopkins, *Dendroctonus ponderosae* Hopkins, *Hylastes longicollis* Swaine, *Hylurgops reticulatus* Wood, *Hylurgops rugipennis rugipennis* (Mannerheim), *Ips emarginatus* (LeConte), *Ips latidens* (LeConte), *Ips montanus* (Eichhoff), *Pityogenes fossifrons* (LeConte), *Pityophthorus absonus* Blackman, *Pityophthorus boycei* Swaine, *Pityophthorus confertus* Swaine, *Pityophthorus venustus* Blackman, *Pityophthorus toralis* Wood, *Scolytus monticolae* (Swaine), *Trypodendron rufitarsis* (Kirby).

Pinus mugo

Hylurgops glabratus (Zetterstedt), *Pityophthorus glabratus* Eichhoff, *Pityophthorus henschei* Seitner, *Pityophthorus knoteki* Reitter, *Pityophthorus pubescens* (Marshall).

Pinus mugo rotundata

Pityophthorus glabratus Eichhoff.

Pinus muricata

Dolargus pumilus (Mammerheim), *Hylurgops reticulatus* Wood, *Hylurgops rugipennis* rugipennis (Mammerheim), *Ips mexicanus* (Hopkins), *Ips plagiographus maritimus* Lanier, *Pityophthorus caruclii* Swaine, *Pityophthorus nitidulus* (Mammerheim), *Pityophthorus setosus* Blackman, *Pseudohylesinus pini* Wood.

Pinus niger

Pityogenes trepanatus (Nordlinger).

Pinus nigra

Cryphalus jeholensis Murayama, *Orthotomicus pinivora* Schedl, *Pityogenes bistridentatus* (Eichhoff), *Pityogenes conjunctus* Reitter, *Pityophthorus balcanicus* Pfeiffer, *Pityophthorus buyssouii* Reitter, *Pityophthorus carniolicus* Wichmann, *Pityophthorus glabratus* Eichhoff, *Pityophthorus lichtensteini* (Ratzeburg), *Pityophthorus pubescens* (Marshall).

Pinus nigra mauretanicus

Pityophthorus mauretanicus Peyerimhoff.

Pinus nigricans

Ips mausfeldi (Wachtl).

Pinus obovata

Carphoborus rossicus Semenov.

Pinus occidentalis

Ambrosiodinus lecontei Hopkins, *Hypothecenus cruditus* Westwood, *Pityophthorus antillicus* Bright, *Pityophthorus pinarvus* Bright.

Pinus ochoterenii

Ambrosiodinus funebris (Schedl), *Pityophthorus attenuatus* Blackman, *Pityophthorus blandulus* Schedl, *Pityophthorus confusus* Blandford, *Pityophthorus dispar* Bright, *Pityophthorus glabratus* (Schedl), *Platypus pini* Hopkins.

Pinus oocarpa

Araptus sobrinus Wood, *Dendroctonus frontalis* Zimmermann, *Dendroctonus mexicanus* Hopkins, *Dendroctonus parallelcollicis* Chapuis, *Gnathotrichus perniciosus* Wood, *Pityoborus frontalis* Wood, *Pityoborus houbtrensensis* Wood, *Pityoborus secundus* Blackman, *Pityophthorus blandulus* Schedl, *Pityophthorus cacuminatus* Blandford, *Pityophthorus confusus* Blandford, *Pityophthorus crassus* Blackman, *Pityophthorus delicatus* Wood, *Pityophthorus festus* Wood, *Pityophthorus euterpes* Bright, *Pityophthorus miniatus* Bright, *Pityophthorus nocturnus* Schedl, *Pityophthorus oclusus* Bright, *Pityophthorus pellitus* Schedl, *Pityophthorus scabridus* Schedl, *Pityophthorus schweirdfegeri* (Schedl), *Pityophthorus solus* Blackman, *Xyleborus affinis* Eichhoff, *Xyleborus volucrus* (Fabricius).

Pinus palustris

Crypturgus alutaceus Schwarz, *Dendroctonus frontalis* Zimmermann, *Dendroctonus terebrans* (Olivier), *Hylastes exilis* Chapuis, *Pityophthorus unsectus* LeConte, *Pityophthorus confusus* Blandford, *Pityophthorus pulchellus* Eichhoff, *Pityophthorus pulicarius* (Zimmermann), *Pityophthorus pullus* (Zimmermann), *Xyleborus ferrugineus* (Fabricius), *Xyleborus pubescens* Zimmermann.

Pinus parviflora

Eucallacea validus (Eichhoff), *Hylurgops interstitialis* (Chapuis), *Tomicus brevipilosus* (Eggers).

Pinus patula

Hylurgops longipennis (Blandford), *Hylurgops planirostris* (Chapuis), *Mitosoma excisum* Schafluss, *Pityophthorus ciliatus* Blackman, *Pityophthorus crassus*

Blackman, *Pityophthorus montivagus* Bright, *Pityophthorus scabridus* Schedl, *Xyleborus spinulosus* Blandford.

Pinus peuce

Pityophthorus knotecki Reitter, *Pityophthorus lichtensteini* (Ratzeburg), *Pityophthorus pityographus* (Ratzeburg).

Pinus pinaster

Carphoborus bonnairei Brisson, *Crypturgus mediterraneus* Eichhoff, *Crypturgus numidicus* Ferrari, *Hylastes angustatus* (Herbst), *Hylastes linearis* Erichson, *Ips crosus* (Wollaston), *Pityogenes calcaratus* (Eichhoff), *Pityogenes porifrons* Eggers, *Pityophthorus pubescens* (Marshall).

Pinus pinea

Pityogenes pennidicus (Reitter), *Pityophthorus pubescens* (Marshall).

Pinus pithyusa

Crypturgus numidicus Ferrari.

Pinus ponderosa

Carphoborus costatus Wichmann, *Carphoborus perplexus* Wood, *Carphoborus pinicolus* Wood, *Carphoborus ponderosae* Swaine, *Carphoborus simplex* LeConte, *Conophthorus ponderosae* Hopkins, *Crypturgus borealis* Swaine, *Dendroctonus adjunctus* Blandford, *Dendroctonus approximatus* Dietz, *Dendroctonus brevicornis* LeConte, *Dendroctonus frontalis* Zimmermann, *Dendroctonus jeffreyi* Hopkins, *Dendroctonus mexicanus* Hopkins, *Dendroctonus ponderosae* Hopkins, *Gnathotrichus denticulatus* Blackman, *Gnathotrichus imitatus* Wood, *Gnathotrichus materiarius* (Fitch), *Gnathotrichus retusus* (LeConte), *Gnathotrichus sulcatus* (LeConte), *Hylastes fulgidus* Blackman, *Hylastes gracilis* LeConte, *Hylastes longicollis* Swaine, *Hylastes macei* LeConte, *Hylastes nigricans* (Mammerheim), *Hylurgops porosus* (LeConte), *Hylurgops reticulatus* Wood, *Hylurgops subcostulatus subcostulatus* (Mammerheim), *Hylurgops subcostulatus alternans* (Chapuis), *Ips bonnairei* (Hopkins), *Ips emarginatus* (LeConte), *Ips knausi* Swaine, *Ips latidens* (LeConte), *Ips lecontei* Swaine, *Ips paracoenifus* Lanier, *Ips pilifrons thatcheri* Wood, *Ips pini* (Say), *Pityoborus secundus* Blackman, *Pityogenes carinulatus* (LeConte), *Pityoketrines ornatus* (Swaine), *Pityophthorus acutus* Blackman, *Pityophthorus amphus* (Blackman), *Pityophthorus amectens* LeConte, *Pityophthorus aquilus* Blackman, *Pityophthorus arcanus* Bright, *Pityophthorus barberi* Blackman, *Pityophthorus blandus* Blackman, *Pityophthorus boycei* Swaine, *Pityophthorus brevis* Blackman, *Pityophthorus clarus* Blackman, *Pityophthorus comosus* Blackman, *Pityophthorus confertus* Swaine, *Pityophthorus confinis* LeConte, *Pityophthorus crassus* Blackman, *Pityophthorus cuspidatus* Blackman, *Pityophthorus delectus* LeConte, *Pityophthorus digestus* (LeConte), *Pityophthorus dolus* Wood, *Pityophthorus electus* Blackman, *Pityophthorus grandis* Blackman, *Pityophthorus immanis* Blackman, *Pityophthorus infulatus* Blackman, *Pityophthorus ingens* Blackman, *Pityophthorus intensus* Bright, *Pityophthorus jeffreyi* Blackman, *Pityophthorus lecontei* Bright, *Pityophthorus leechi* Wood, *Pityophthorus levis* Wood, *Pityophthorus murrayanae* Blackman, *Pityophthorus rubidus* Wood, *Pityophthorus scalptor* Blackman, *Pityophthorus scalptus* Bright, *Pityophthorus schwarzii* Blackman, *Pityophthorus schweirdfegeri* (Schedl), *Pityophthorus serratus* Swaine, *Pityophthorus tuberculatus* Eichhoff, *Pityophthorus venustus* Blackman, *Pityophthorus zonalis* Bright, *Pityotrichus barbatus* (Blackman), *Platypus*

pini Hopkins, *Trypodendron rufitarsis* (Kirby), *Xyleborus intrusus* Blandford.

Pinus pringlei

Pityophthorus durus Blackman, *Pityophthorus glabratus* (Schedl).

Pinus pseudostrobus

Corthylus mexicanus Schedl, *Dendroctonus adjunctus* Blandford, *Dendroctonus mexicanus* Hopkins, *Dendroctonus vitei* Wood, *Gnathotrichus perniciosus* Wood, *Gnathotrichus sulcatus* (LeConte), *Hylurgops incomptus* (Blandford), *Hylurgops planirostris* (Chapuis), *Ips bonansea* (Hopkins), *Ips lecontei* Swaine, *Ips mexicanus* (Hopkins), *Pityoborus lirtellus* Wood, *Pityoborus secundus* Blackman, *Pityophthorus aciculatus* Bright, *Pityophthorus delicatus* Wood, *Pityophthorus diglyphus* Blandford, *Pityophthorus glabratus* (Schedl), *Pityophthorus miniatus* Bright, *Pityophthorus nocturnus* Schedl, *Pityophthorus pellitus* Schedl, *Pityophthorus scabridus* Schedl, *Pityophthorus schuerdtfegeri* (Schedl), *Pityophthorus spadix* Blackman, *Platypus pini* Hopkins.

Pinus pumila

Crypturgus tuberosus Niisima, *Hylurgops spessictevi* Eggers, *Pityogenes foveolatus* Eggers, *Pityogenes japonicus* Nobuchi, *Polygraphus kisoensis* Niisima, *Polygraphus mekancensis* Niisima.

Pinus quadrifolia

Pityophthorus punctifrons Bright.

Pinus radiata

Carphoborus radiatae Swaine, *Conophthorus radiatae* Hopkins, *Dolergus pumilus* (Mannerheim), *Gnathotrichus retusus* (LeConte), *Hylurgops porosus* (LeConte), *Hylurgops reticulatus* Wood, *Hylurgops rugipennis rugipennis* (Mannerheim), *Ips mexicanus* (Hopkins), *Ips plastographus maritimus* Lanier, *Pityophthorus californicus* Bright, *Pityophthorus carmeli* Swaine, *Pityophthorus murrayanae* Blackman, *Pityophthorus nitidulus* (Mannerheim), *Pityophthorus pubescens* (Marshall), *Pityophthorus setosus* Blackman, *Pityophthorus trepidus* Bright.

Pinus resinosa

Conophthorus resinosa Hopkins, *Hylurgops rugipennis pinifex* Fitch, *Ips perroti* Swaine, *Pityogenes plagiatus* (LeConte), *Pityophthorus annexens* LeConte, *Pityophthorus balsameus* Blackman, *Pityophthorus cariniceps* LeConte, *Pityophthorus cavatus* Bright, *Pityophthorus concavus* Blackman, *Pityophthorus consimilis* LeConte, *Pityophthorus intextus* Swaine, *Pityophthorus nitidus* Swaine, *Pityophthorus puberulus* (LeConte), *Pityophthorus pulchellus* Eichhoff, *Pityophthorus pulicarius* (Zimmermann), *Pityophthorus ranniperda* Swaine, *Trypodendron scabricollis* (LeConte).

Pinus rigida

Cryphalus fulvus Niisima, *Dendroctonus frontalis* Zimmermann, *Dendroctonus terebrans* (Olivier), *Pityophthorus consimilis* LeConte, *Pityophthorus pulchellus* Eichhoff, *Pityophthorus pulicarius* (Zimmermann), *Xyleborinus saxenii* (Ratzeburg).

Pinus roxburghii

Carphoborus costatus Wichmann, *Coccotrypes nubilis* (Blandford), *Crossotarsus wilnoti* (Stebbing), *Cryphalus major* Stebbing, *Hylurgus indicus* Wood, *Ips longifolia* (Stebbing), *Liparthrum longifolia* (Stebbing), *Pityogenes scitus* Blandford, *Pityogenes spessictevi* Lebedev, *Pityophthorus deodara* (Stebbing), *Platypus bififormis* Chapuis, *Polygraphus aterrimus* Strohmeier, *Polygraphus difficilis* Wood, *Polygraphus longifolia*

Stebbing, *Polygraphus setosus* Schedl, *Platypus bififormis* Chapuis.

Pinus rudis

Dendroctonus adjunctus Blandford, *Dendroctonus approximatus* Dietz, *Dendroctonus mexicanus* Hopkins, *Pityophthorus blaudulus* Schedl, *Pityophthorus glabratus* (Schedl), *Pityophthorus nigricans* Blandford, *Pityophthorus pellitus* Schedl, *Pityophthorus scabridus* Schedl, *Platypus pini* Hopkins, *Xyleborus intrusus* Blandford.

Pinus sabiniana

Carphoborus simplex LeConte, *Ips spinifer* (Eichhoff), *Pityophthorus confinis* LeConte, *Pityophthorus modicus* Blackman, *Pityophthorus novellus* Blackman, *Pityophthorus tuberculatus* Eichhoff.

Pinus serotina

Dendroctonus terebrans (Olivier).

Pinus siberica

Pityophthorus lapponicus Stark.

***Pinus* spp.**

Ambrosiodinus apicalis (Blandford), *Ambrosiodinus fraterculus* (Schanfuss), *Ambrosiodinus mysticus* (Wood), *Carphoborus bifurcus* Eichhoff, *Carphoborus minimus* (Fabricius), *Carphoborus pinicolus* Wood, *Coccotrypes cinnamomi* (Eggers), *Coccotrypes medius* (Eggers), *Conophthorus coniperda* (Schwarz), *Conophthorus mexicanus* Wood, *Conophthorus resinosa* Hopkins, *Crypturgus cinereus* (Herbst), *Crypturgus hispidulus* Thomson, *Crypturgus pusillus* (Gyllenhal), *Dendroctonus brevicornis* LeConte, *Dendroctonus micans* (Kugelann), *Dendroctonus parallelocollis* Chapuis, *Dendroctonus valens* LeConte, *Dryocoetes affaber* (Mannerheim), *Dryocoetes autographus* (Ratzeburg), *Dryocoetes lectographus* Reitter, *Dryocoetes pini* Niisima, *Dryocoetes rugicollis* Eggers, *Gnathotrichus delongi* Blackman, *Gnathotrichus denticulatus* Blackman, *Gnathotrichus imitans* Wood, *Gnathotrichus perniciosus* Wood, *Gnathotrichus sulcatus* (LeConte), *Hylastes asperatus* Wood, *Hylastes ater* (Paykull), *Hylastes attenuatus* Erichson, *Hylastes exilis* Chapuis, *Hylastes flolri* (Eggers), *Hylastes fulgidus* Blackman, *Hylastes gracilis* LeConte, *Hylastes linearis* Erichson, *Hylastes macer* LeConte, *Hylastes mexicanus* Wood, *Hylastes niger* Wood, *Hylastes nigricans* (Mannerheim), *Hylastes opacus* Erichson, *Hylastes parallelus* Chapuis, *Hylastes porculus* Erichson, *Hylastes salebrosus* Eichhoff, *Hylastes tennis* Eichhoff, *Hylocurus beckeri* Heqvist, *Hylocurus rivalis* Wood, *Hylurgops glabratus* (Zetterstedt), *Hylurgops imitator* (Reitter), *Hylurgops incomptus* (Blandford), *Hylurgops interstitialis* (Chapuis), *Hylurgops longipennis* (Blandford), *Hylurgops palliatus* (Gyllenhal), *Hylurgops planirostris* (Chapuis), *Hylurgops porosus* (LeConte), *Hylurgops subcostulatus subcostulatus* (Mannerheim), *Hylurgops subcostulatus alternans* (Chapuis), *Hylurgus ligniperda* (Fabricius), *Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff), *Ips acuminatus* (Gyllenhal), *Ips anitinus* (Eichhoff), *Ips avulsus* (Eichhoff), *Ips bonansea* (Hopkins), *Ips calligraphus* (Germer), *Ips cembrae* (Heer), *Ips confusus* (LeConte), *Ips emarginatus* (LeConte), *Ips grandicollis* (Eichhoff), *Ips integer* (Eichhoff), *Ips sexdentatus* (Boerner), *Ips typographus* (Linnaeus), *Monarthrum fasciatum* (Say), *Orthotomicus caelatus* (Eichhoff), *Orthotomicus laricus* (Fabricius), *Orthotomicus longicollis* (Gyllenhal), *Orthotomicus proximus* (Eichhoff), *Orthotomicus saturalis* (Gyllenhal), *Pityoborus comatus* (Zimmermann), *Pityoborus fron-*

talis Wood, *Pityoborus hirtellus* Wood, *Pityoborus rubentis* Wood, *Pityoborus secundus* Blackman, *Pityoborus velutinus* Wood, *Pityogenes bicentatus* (Herbst), *Pityogenes carinulatus* (LeConte), *Pityogenes chalcographus* (Linnaeus), *Pityogenes irkutensis* Eggers, *Pityogenes quadridentis* (Hartig), *Pityokteines curvidens* (Germar), *Pityophthorus abstrusus* Bright, *Pityophthorus annectens* LeConte, *Pityophthorus aztecus* Bright, *Pityophthorus cacuminatus* Blandford, *Pityophthorus chalcocensis* Hopkins, *Pityophthorus ciliatus* Blackman, *Pityophthorus consimilis* LeConte, *Pityophthorus cristatus* Wood, *Pityophthorus decliviscostus* Bright, *Pityophthorus delevii* (Blackman), *Pityophthorus delicatus* Wood, *Pityophthorus discretus* Wood, *Pityophthorus durus* Blackman, *Pityophthorus exculptus* (Ratzeburg), *Pityophthorus festus* Wood, *Pityophthorus impexus* Bright, *Pityophthorus ineditus* Bright, *Pityophthorus ingens* Blackman, *Pityophthorus jeffreyi* Blackman, *Pityophthorus lateceps* Bright, *Pityophthorus leophyllae* Blackman, *Pityophthorus lepichus* Bright, *Pityophthorus litos* Bright, *Pityophthorus minus* Bright, *Pityophthorus nitidus* Swaine, *Pityophthorus obtusipennis* Blandford, *Pityophthorus ornatus* Blackman, *Pityophthorus pellitus* Schedl, *Pityophthorus pulrus* (Zimmermann), *Pityophthorus ridis* Blackman, *Pityophthorus sapineus* Bright, *Pityophthorus separatus* Bright, *Pityophthorus solatus* Wood, *Pityophthorus solers* Blackman, *Pityophthorus solus* Blackman, *Pityophthorus spadix* Blackman, *Pityophthorus subopacus* Blackman, *Pityophthorus subsimilis* Schedl, *Pityophthorus respertinus* Bright, *Platypus flavicornis* (Fabricius), *Platypus madagascariensis* Chapuis, *Platypus pini* Hopkins, *Platypus xylographus* Schedl, *Polygraphus horjurenensis* Murayama, *Polygraphus polygraphus* (Linnaeus), *Polygraphus proximus* Blandford, *Polygraphus subopacus* Thomson, *Polygraphus szemaocensis* Tsai & Yin, *Polygraphus verrucifrons* Tsai & Yin, *Scolytus platypus tycon* Blandford, *Tomicus destruens* (Wollaston), *Tomicus minor* (Hartig), *Tomicus piniperda* (Linnaeus), *Trischidium atonum* (Hopkins), *Xyleborinus saxosus* (Ratzeburg), *Xyleborus atratus* Eichhoff, *Xyleborus dispar* (Fabricius), *Xyleborus curygraphus* (Ratzeburg), *Xyleborus pinitorus* Browne, *Xyleborus pubescens* Zimmermann, *Xyleborus seriatus* Blandford, *Xylosandrus germanus* (Blandford), *Xylocerinus politus* (Say).

Pinus strobiformis

Conophthorus pouderosae Hopkins, *Dendroctonus pouderosae* Hopkins, *Dendroctonus terebrans* (Olivier), *Gnathotrichus denticulatus* Blackman, *Ips woodi* Thatcher, *Pityogenes fossifrons* (LeConte), *Pityophthorus acutus* Blackman, *Pityophthorus amphus* (Blackman), *Pityophthorus brevicornatus* Bright, *Pityophthorus brevis* Blackman, *Pityophthorus chrus* Bright, *Pityophthorus confertus* Swaine, *Pityophthorus confinis* LeConte, *Pityophthorus crassus* Blackman, *Pityophthorus cuspidatus* Blackman, *Pityophthorus delectus* LeConte, *Pityophthorus durus* Blackman, *Pityophthorus inanis* Blackman, *Pityophthorus infulatus* Blackman, *Pityophthorus intectus* Bright, *Pityophthorus nigricans* Blandford, *Pityophthorus pinguis* (Blackman), *Pityophthorus seignis* Blackman, *Pityophthorus tuberculatus* Eichhoff, *Pityophthorus venustus* Blackman, *Pityotrichus hesperius* Bright.

Pinus strobus

Conophthorus couiperda (Schwarz), *Dendroctonus frontalis* Zimmermann, *Dendroctonus murrayanae*

Hopkins, *Dendroctonus terebrans* (Olivier), *Gnathotrichus materiarius* (Fitch), *Hylurgops inouyei* Nobuchi, *Hylurgops nigripennis* pinifex Fitch, *Ips latidens* (LeConte), *Ips pilifrons thatcheri* Wood, *Ips pini* (Say), *Pityogenes hopkinsi* Swaine, *Pityophthorus angustus* Blackman, *Pityophthorus balsameus* Blackman, *Pityophthorus biotialis* Blackman, *Pityophthorus brisocci* Blackman, *Pityophthorus carinatus carinatus* Bright, *Pityophthorus cariniceps* LeConte, *Pityophthorus consimilis* LeConte, *Pityophthorus dentifrons* Blackman, *Pityophthorus lautus* Eichhoff, *Pityophthorus nitidus* Swaine, *Pityophthorus puberulus* (LeConte), *Pityophthorus pulchellus* Eichhoff, *Pityophthorus pulicarius* (Zimmermann), *Pityophthorus pullus* (Zimmermann), *Pityophthorus ramiperda* Swaine, *Polygraphus rufipennis* (Kirby).

Pinus strobus chiapensis

Pityophthorus nocturnus Schedl, *Pityophthorus obtusipennis* Blandford, *Pityophthorus subsimilis* Schedl.

Pinus sylvestris

Carphoborus cholodkorskyi Spessivtsev, *Carphoborus jurinskii* Eggers, *Cryphalus laricis* Nüssima, *Hylastes angustatus* (Herbst), *Hylastes brunneus* Erichson, *Hylastes cucularius* Erichson, *Hylurgops glabratus* (Zetterstedt), *Hylurgops inouyei* Nobuchi, *Ips duplicatus* (Sahlberg), *Ips mansfeldi* (Wachtl), *Ips robustus* (Knotek), *Pityogenes calcaratus* (Eichhoff), *Pityogenes conjunctus* Reitter, *Pityogenes irkutensis* Eggers, *Pityogenes trepanatus* (Nordlinger), *Pityophthorus buyssouii* Reitter, *Pityophthorus carniolicus* Wichmann, *Pityophthorus glabratus* Eichhoff, *Pityophthorus lichtensteini* (Ratzeburg), *Pityophthorus opaculus* LeConte, *Pityophthorus puberulus* (LeConte), *Pityophthorus pubescens* (Marshall), *Pityophthorus pulicarius* (Zimmermann), *Polygraphus seriatus* Reitter, *Xyleborus klingancensis* Murayama.

Pinus tabulaeformis

Cryphalus jeholensis Murayama, *Cryphalus pseudochiulingensis* Tsai & Li, *Cryphalus pseudotabulaeformis* Tsai & Li, *Cryphalus tabulaeformis* Tsai & Li, *Hylastes techangensis* Tsai & Huang, *Hylurgops junnaicus* Sokanowskii, *Hylurgops longipilus* (Reitter), *Hylurgops major* Eggers, *Pityophthorus scirpus* Murayama, *Polygraphus junnaicus* Sokanowskii, *Polygraphus sinensis* Eggers, *Polygraphus squameus* Yin & Huang, *Polygraphus szemaocensis* Tsai & Yin, *Polygraphus verrucifrons* Tsai & Yin, *Tomicus pilifer* (Spessivtsev), *Xyleborus emarginatus* Eichhoff.

Pinus tabulaeformis mukdensis

Cryphalus fulvus Nüssima.

Pinus taeda

Carphoborus bifurcus Eichhoff, *Crypturgus alutaceus* Schwarz, *Dendroctonus frontalis* Zimmermann, *Dendroctonus terebrans* (Olivier), *Gnathotrichus materiarius* (Fitch), *Hylastes exilis* Chapuis, *Hypothenemus crudiace* (Panzer), *Pityogenes meridianus* Blackman, *Pityophthorus annectens* LeConte, *Pityophthorus confusus* Blandford, *Pityophthorus consimilis* LeConte, *Pityophthorus pulicarius* (Zimmermann), *Pityophthorus pullus* (Zimmermann), *Trypodendron scabricollis* (LeConte), *Xyleborus ferruginus* (Fabricius).

Pinus taicaiensis

Encallacea validus (Eichhoff).

Pinus tenuifolia

Dendroctonus adjunctus Blandford, *Dendroctonus mexicanus* Hopkins, *Dendroctonus parallelocollis* Chapuis, *Hylaeus clarki* Wood, *Pityophthorus delicatus*

- Wood, *Pityophthorus festus* Wood, *Pityophthorus nocturnus* Schedl, *Pityophthorus pellitus* Schedl, *Pityophthorus subsimilis* Schedl, *Xyleborus affinis* Eichhoff.
- Pinus teocote***
Conophthorus teocotum Wood, *Dendroctonus approximatus* Dietz, *Dendroctonus mexicanus* Hopkins, *Dendroctonus vitci* Wood, *Pityophthorus crassus* Blackman, *Pityophthorus leiophyllae* Blackman, *Pityophthorus perotei* Blackman, *Pityophthorus schwarzi* Blackman.
- Pinus thunbergiana***
Cryphalus fulvus Nüßima, *Cryphalus furnkawai* Murayama, *Cryphalus jeholensis* Murayama, *Cryphalus laricus* Nüßima, *Eucallalca validus* (Eichhoff), *Orthotomicus nankinensis* Kurenzov & Kononov, *Orthotomicus toscanis* (Murayama), *Pityophthorus jucundus* Blandford.
- Pinus torreyana***
Pityophthorus carmeli Swaine.
- Pinus tuberculata***
Dolargus pumilus (Mannerheim).
- Pinus virginiana***
Carphoborus bicoloris Wood, *Carphoborus bifureus* Eichhoff, *Dendroctonus frontalis* Zimmermann, *Hyलगops rugipennis pinifex* Fitch, *Pityogenes plagiatus* (LeConte), *Pityophthorus carmicaps* LeConte, *Pityophthorus consimilis* LeConte, *Pityophthorus pulchellus* Eichhoff, *Pityophthorus pulicarius* (Zimmermann).
- Pinus wachaoensis***
Conophthorus ponderosae Hopkins, *Pityophthorus digestus* (LeConte).
- Pinus yunnanensis***
Cryphalus szechuanensis Tsai & Li, *Hylastes techangensis* Tsai & Huang, *Hyलगops major* Eggers, *Ips chinensis* Kurenzov & Kononov, *Polygraphus junnanicus* Sokanovskii, *Polygraphus szenaoensis* Tsai & Yin, *Polygraphus verrucifrons* Tsai & Yin, *Xyleborus emarginatus* Eichhoff.
- Piper guahamense***
Cryphalus sylvicola (Perkins).
- Piper* spp.**
Cnestus suturalis (Eggers), *Cortlylus cirritus* Wood, *Corthybus comosus* Wood, *Hadrodenius globus* (Blandford), *Xyleborus haberkornii* Eggers.
- Piptadenia africana***
Chaetastus tuberculatus (Chapuis), *Doliopygus clausi* (Duvivier), *Doliopygus conradi* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus exilis* (Chapuis), *Doliopygus eximius* Schedl, *Doliopygus expletus* Schedl, *Doliopygus ghesquieri* (Schedl), *Doliopygus gracilior* Schedl, *Doliopygus lateralis* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus leferrei* Schedl, *Doliopygus perminutissimus* (Schedl), *Doliopygus propinquus* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus spectabilis* Schedl, *Doliopygus subdolosus* Schedl, *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Hypothenemus ater* (Eggers), *Hypothenemus biseriatus* (Eggers), *Periommatius longicollis* Chapuis, *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus subtuberculatus* Eggers, *Xyleborus volutus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).
- Piptadenia buchanaui***
Cryptocorus spinipennis Schedl, *Doliopygus exilis* (Chapuis).
- Piptadenia percillei***
Xyleborus alluaudi Schaufuss, *Xyleborus malgascicus* Schedl.
- Piptadenia* spp.**
Mesoplatus quinquevinctus (Schedl), *Pseudochrames semibrunnens* (Eggers).
- Piptadeniastrum africanum***
Chaetastus montanus Schedl, *Doliopygus apifex* (Sampson), *Doliopygus perminutissimus* (Schedl), *Doliopygus propinquus* Schedl, *Periommatius grandis* Schedl, *Triozastus baughuasi* (Schaufuss), *Triozastus caliginosus* Roberts, *Triozastus elongatus* Schedl, *Triozastus pilosus* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus barumbucensis* Eggers, *Xylosandrus crassiusculus* (Motschulsky).
- Piptadeniastrum* spp.**
Prennobius caripensis Eichhoff.
- Pipturus albidus***
Xyleborus ferrugineus (Fabricius), *Xyleborus hawaiiensis* Perkins, *Xyleborus perforans* (Wollaston).
- Pipturus* spp.**
Xyleborinus saxescii (Ratzeburg), *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).
- Piscidia piscipala***
Cnemomyx vagabundus (Wood).
- Pisonia* spp.**
Xyleborus ferrugineus (Fabricius).
- Pisonia umbellifera***
Xyleborus ferrugineus (Fabricius).
- Pistacia atlantica***
Chaetoptelius vestitus (Mulsant & Rey).
- Pistacia integerrima***
Chaetoptelius vestitus (Mulsant & Rey).
- Pistacia lentiscus***
Chaetoptelius vestitus (Mulsant & Rey), *Phloeotribus scarabacoides* (Bernard).
- Pistacia* spp.**
Carphoborus perrisi (Chapuis), *Phloeotribus mayeti* (Guillebeau).
- Pistacia terebenthus***
Chaetoptelius vestitus (Mulsant & Rey).
- Pistacia vera***
Chaetoptelius vestitus (Mulsant & Rey).
- Pithecolobium bubalinum***
Cyclorhipidion foersteri (Hagedorn).
- Pithecolobium dulce***
Xyleborus perforans (Wollaston).
- Pithecolobium guadeloupense***
Cryptocarenum scriatum Eggers, *Hypothenemus hirsutus* (Wood), *Hypothenemus seriatus* (Eichhoff), *Micracisella nanula* (LeConte).
- Pithecolobium lobatum***
Xyleborinus andrewesi (Blandford), *Xyleborus setulosus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).
- Pithecolobium pinnatum***
Xyleborus asper Eggers, *Xyleborus ferrugineus* (Fabricius).
- Pithecolobium samau***
Ambrosiodinus pithecolobius (Schedl), *Platypus suffodiens* Sampson.
- Pithecolobium splendeus***
Crossotarsus externedentatus (Fairmaire).

***Pithecolobium* spp.**

Crossotarsus squamulatus Chapuis, *Crossotarsus terminatus* Chapuis, *Cyclorhaphidion pruinosum* (Blandford), *Platypus lepidus* Chapuis, *Platypus pseudocupulatus* Schedl, *Xylosandrus compactus* (Eichhoff).

Pithecelobium unguis-cati

Hypothenemus hirsutus (Wood), *Hypothenemus squamosus* (Hopkins).

Pittosporum resiniferum

Cryphalus resiniferi Schedl.

Pittosporum spathicalyx

Euwallacea xanthopus (Eichhoff).

***Pittosporum* spp.**

Ambrosiodinus compressus (Lea), *Cyrtogenitus dimorphus* (Schedl), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus seriatus* (Eichhoff), *Mitosoma exisum* Schaufuss, *Xyleborinus quadrispinis* (Schedl), *Xyleborinus spiculatus* (Schaufuss), *Xyleborinus spinosus* (Schaufuss), *Xyleborus alluandi* Schaufuss, *Xylosandrus compactus* (Eichhoff).

Pittosporum tobira

Cryphalus biosimensis (Murayama).

Pittosporum viridiflorum

Chaetastus montanus Schedl, *Trioastus caliginosus* Roberts.

***Plagioscyphus* spp.**

Crossotarsus nitens Chapuis, *Platypus madagascariensis* Chapuis, *Prenobius catipennis* Eichhoff.

Planchonella laurifolia

Platypus semigranosus (Sampson).

Planchonella pohlaniana

Xyleborus perforans (Wollaston), *Xyleborus rotulus* (Fabricius).

Planchonella samoensis

Cryphalus samoensis Beeson, *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Platypus tetracerus* Beeson, *Xyleborus longicollis* Browne.

Planchonella sandwicensis

Xyleborus lauianensis Perkins.

***Planchonella* spp.**

Diapus elongatus Schedl, *Diapus nebulosus* Roberts, *Diapus papuanus* Schedl, *Diapus pernygmaeus* Roberts, *Diapus quinquespinatus* Chapuis, *Diapus turzichus* Roberts, *Platypus ambiguus* Roberts, *Platypus aspicius* Roberts & Morimoto, *Platypus glochidicus* Roberts & Morimoto, *Platypus jansoni* Chapuis.

Planchonia andamanica

Xyleborus cognatus Blandford, *Xyleborus similis* Ferrari.

***Planchonia* spp.**

Xyleborus similis Ferrari.

Planera aquatica

Hylocurus floridensis Atkinson.

Platanus acerifolia

Hypothenemus erulatus Westwood.

Platanus occidentalis

Corthyus columbianus Hopkins.

***Platanus* spp.**

Xyleborus dispar (Fabricius).

Plathymenia reticulata

Xyleborus rugosipennis Schedl.

***Platyccarya* spp.**

Xylosandrus mutilatus (Blandford).

Platygladus orientalis

Phloeosinus thujae (Perris).

Plectocomia elongata

Xyleborus inaequalis Schedl.

***Electronia* spp.**

Xyleborus cancellatus Eggers.

Pleiocarpa mierantha

Scolytogenes pleiocarpae (Schedl).

Pleiocarpa tubicina

Hypothenemus perhispidus (Eggers), *Platypus intermedius* (Schedl), *Scolytogenes pleiocarpae* (Schedl), *Xyleborus alluandi* Schaufuss, *Xyleborus principalis* Eichhoff.

***Pleiogynum* spp.**

Ambrosiodinus lecontei Hopkins.

Plomele aurea

Xyleborus rugatus Blackburn.

Plerandra grayi

Scolytogenes fijianus (Schedl).

***Plochodius* spp.**

Xyleborinus longus (Eggers).

Plumeria rubra

Scolytodes plumeriae Wood, *Scolytodes plumericolens* Wood, *Scolytodes tenuis* Wood.

***Plumeria* spp.**

Scolytopsis laticollis Wood.

Podocarpus falcata

Lanurgus spathulatus Schedl, *Traglostus brevisetosus* Schedl, *Xyleborinus acmudus* (Wollaston).

Podocarpus imbricata

Platypus bajulus Schedl, *Platypus catus* Strohmeier, *Platypus ecchi* Strohmeier, *Scolytoplastypus nitidus* Eggers.

Podocarpus indicus

Coccotrypes cinnamomi (Eggers), *Coccotrypes medius* (Eggers).

Podocarpus latifolia

Ambrosiodinus vichhoffi (Schreiner), *Hypoeryphalus caplandicus* Schedl, *Lanurgus oleaeformis* Schedl.

Podocarpus nageia

Phloeosinus osunienis Murayama.

Podocarpus oleifolia

Corthyus simplex Wood, *Monarthrum nevermanni* (Schedl), *Phloeotribus atarus* Wood.

Podocarpus raspiglosii

Araptus impensus (Wood), *Platypus secus* Wood.

***Podocarpus* spp.**

Acanthotomicus curvidens (Schedl), *Coccotrypes leverii* Browne, *Crossotarsus coxalis* Schedl, *Diapus elongatus* Schedl, *Diapus papuanus* Schedl, *Diapus spinifer* Schedl, *Doliopygus bidentatus* (Strohmeier), *Lanurgus podocarpi* Schedl, *Phloeosinus kinabaluensis* Bright, *Phloeosinus podocarpi* Browne, *Platypus fastuosus* Schedl, *Platypus orientalis* (Strohmeier), *Platypus semiopacus* Strohmeier, *Platypus uniformis* Schedl, *Scolytodes gemmaeus* Wood, *Scolytoplastypus kiuensis* Schedl, *Tryptoplastypus undtiporus* Schedl.

Poinciana elata

Ambrosiodinus lewisi (Blandford), *Euwallacea interjectus* (Blandford), *Platypus indicus* Strohmeier, *Xyleborinus andreweesi* (Blandford).

Poinciana regia

Coccotrypes confusus (Eggers), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus erudiae* (Panzer), *Hypothenemus libericensis* (Hopkins), *Hypothenemus melsonius* (Lea), *Micracis burgosi* Wood, *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston).

Poinsettia heterophylla

Hypothenemus brunneus (Hopkins), *Hypothenemus gossypii* (Hopkins).

Polyalthia simiarum

Coccotrypes carpophagus (Hornung).

***Polyalthia* spp.**

Crossotarsus mniszewski Chapuis, *Platypus jansoni* Chapuis, *Platypus schysi* Chapuis.

Polyalthia suaveolens

Chaetastus tuberculatus (Chapuis), *Cylindropalpus laudatus* (Schedl), *Doliopygus divaricus* (Schedl), *Doliopygus donisi* Schedl, *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus expletus* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus leferrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Hypothenemus eruditus* Westwood, *Hypothenemus macrolobii* (Eggers), *Hypothenemus socialis* (Schedl), *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl, *Periommatius longicollis* Chapuis, *Periommatius substriatus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Platypus picinus* Schedl, *Platypus quadricornis* Schedl, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus polyalthiae* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus scobinatus* Hagedorn, *Xyleborus volvulus* (Fabricius).

Polygonum tomentosum

Hypothenemus grandis Schedl.

***Polyosma* spp.**

Platypus cupulatus Chapuis, *Platypus geminatus* Chapuis.

Polypodium lycopodioides

Hypothenemus eruditus Westwood, *Hypothenemus perhispidus* (Eggers).

***Polyporus* spp.**

Ambrosiodmus natalensis (Schaufuss).

Polyscias fulva

Chaetastus montanus Schedl, *Chaetastus tuberculatus* (Chapuis), *Platypus inpolitus* Roberts, *Xyleborus alluaudi* Schaufuss.

Polyscias kikuyuensis

Chaetastus montanus Schedl, *Chaetastus tuberculatus* (Chapuis), *Doliopygus bidentatus* (Strohmeyer), *Doliopygus citri* Schedl, *Platypus orientalis* (Strohmeyer), *Tiarophorus gardneri* Schedl.

***Polyscias* spp.**

Chaetastus montanus Schedl, *Doliopygus citri* Schedl, *Doliopygus nairobiensis* (Schedl), *Doliopygus rapax* (Sampson).

Pometia macrocarpa

Platypus protenus (Schedl).

Pometia pinnata

Crossotarsus mniszewski Chapuis, *Crossotarsus wallacei* (Thomson), *Platypus cavus* Strohmeyer, *Platypus jansoni* Chapuis, *Xyleborinus andrewesi* (Blandford), *Xyleborus perforans* (Wollaston), *Xyleborus perplexus* Schedl, *Xylosandrus ater* (Eggers), *Xylosandrus manicus* (Blandford).

***Pometia* spp.**

Baioicis perianthus (Schedl), *Crossotarsus inaequidens* Browne, *Crossotarsus nakazawai* Browne, *Diapus perpygmaeus* Roberts, *Diapus pusillimus* Chapuis, *Diapus*

quinquespinatus Chapuis, *Platypus abruptifer* Wood, *Platypus granulatus* Browne, *Platypus insidius* Schedl, *Platypus juncus* Schedl, *Platypus lepidus* Chapuis, *Platypus matoae* Browne, *Platypus pseudocupulatus* Schedl, *Xyleborinus andrewesi* (Blandford), *Xyleborinus pometicus* (Schedl).

Pometia tomentosa

Crossotarsus javanus Beeson, *Platypus signatus* Chapuis.

Pongamia glabra

Phloeoditica curtus (Eggers).

***Popowia* spp.**

Ctonoxylon kiruensis Schedl.

Populus acuminata

Trypophloeus populi Hopkins.

Populus alba

Scolytus kirschi Skalitzky, *Trypophloeus granulatus* (Ratzeburg).

Populus angustifolia

Trypophloeus populi Hopkins.

Populus ciliata

Crossotarsus wilmot (Stebbing).

Populus deltoides

Eucallacca validus (Eichhoff), *Hypothenemus sciratus* (Eichhoff), *Trypodendron retusum* (LeConte).

Populus diversifolia

Trypophloeus klimeschi Eggers.

Populus glandulosa

Eucallacca validus (Eichhoff).

Populus grandidentata

Trypodendron retusum (LeConte).

Populus nigra

Scolytus scolytus (Fabricius).

Populus pruinosa

Trypophloeus klimeschi Eggers.

Populus pyramidalis

Trypophloeus binodulus (Ratzeburg), *Trypophloeus granulatus* (Ratzeburg).

Populus sieboldii

Xyleborus volvulus (Fabricius).

***Populus* spp.**

Ambrosiodmus apicalis (Blandford), *Ambrosiodmus leucisi* (Blandford), *Ambrosiodmus rubricollis* (Eichhoff), *Eucallacca fornicatus* (Eichhoff), *Eucallacca interjectus* (Blandford), *Hyllocurus hirtellus* (LeConte), *Micracis swainei* Blackman, *Platypus falcatus* Strohmeyer, *Scolytoplatus tycon* Blandford, *Trypodendron signatum* (Fabricius), *Xyleborinus saxesceni* (Ratzeburg), *Xyleborus emarginatus* Eichhoff, *Xyleborus pfeili* (Ratzeburg), *Xylosandrus crassiusculus* (Motschulsky).

Populus suaveolens

Trypophloeus klimeschi Eggers.

Populus tremula

Trypophloeus binodulus (Ratzeburg), *Trypophloeus granulatus* (Ratzeburg), *Trypophloeus kurenzovi* Namberger, *Trypophloeus palmi* Hansen, *Trypophloeus tremulae* Stark, *Xyleborus pfeili* (Ratzeburg).

Populus tremuloides

Procrystalus mucronatus (LeConte), *Trypodendron retusum* (LeConte), *Trypophloeus populi* Hopkins, *Trypophloeus thatcheri* (Wood), *Xyleborus obesus* LeConte.

Populus trichocarpa

Gnathotrichus retusum (LeConte), *Trypophloeus populi* Hopkins, *Trypophloeus thatcheri* (Wood).

Potamoecia tacaco

Dendrocraniulus declivis Schedl. *Dendrocraniulus vicinus* Wood.

Poupartia caffra

Ambrosiodinus sakoae (Schedl).

Pourouma aspera

Gnathotripes terebratus (Wood).

Pouteria amibaefolia

Platypus pouteriae Wood. *Platypus sicarius* Wood. *Nyleborus affinis* Eichhoff. *Nyleborus ferrugineus* (Fabricius).

Pouteria campechana

Chaetophloeus pouteriae Wood.

Pouteria egregia

Platypus appianatus Wood. *Nyleborus affinis* Eichhoff. *Nyleborus rotulus* (Fabricius).

Pouteria guianensis

Platypus chuniculus Wood. *Platypus occipitis* Wood. *Nyleborus rotulus* (Fabricius).

Pouteria malaccensis

Crossotarsus squamulatus Chapuis. *Platypus loricatus* (Sampson). *Platypus pseudocupulatus* Schedl. *Platypus signatus* Chapuis. *Platypus westwoodi* Chapuis.

Pouteria spp.

Dryocoetoides rusticus Wood. *Dryocoetoides severus* (Schedl). *Hypothenemus bolivianus* (Eggers). *Platypus pouteriae* Wood. *Prenobius curipennis* Eichhoff. *Sampsonius expulsus* Wood. *Taurodennus ebeneus* (Wood). *Taurodennus splendidus* (Schaufuss). *Nyleborinus reconditus* (Schedl). *Nyleborus commixtus* Blandford. *Nyleborus parcellus* Wood.

Poeceria exitialis

Platypus exitialis Wood.

Pritchardia pacifica

Coccotrypes dactyliperda (Fabricius).

Pritchardia thurstoni

Coccotrypes carpophagus (Hornung).

Pronia copalifer

Coccotrypes cyperi (Beeson).

Prosopis chilensis

Hypothenemus rugifer (Schedl).

Prosopis glandulosa

Pseudothysanoes turnbowi Wood.

Prosopis juliflora

Thysanoes texanus Blackman.

Prosopis nudiflora

Nylosandrus compactus (Eichhoff).

Prosopsis pallida

Nyleborinus saxeseni (Ratzeburg).

Prosopis spp.

Chaetophloeus fasciatus (Blackman). *Hypothenemus erectus* LeConte. *Hypothenemus interstitialis* (Hopkins). *Hypothenemus rotundicollis* (Eichhoff). *Micracisella nanula* (LeConte). *Micracisella opacithorax* (Schedl). *Nylosandrus compactus* (Eichhoff).

Protea spp.

Thammurgus gramlicollis Schedl.

Protium copal

Gnatholeptus semiernis (Nimberg).

Protium macgregorii

Platypus solidus Walker.

Protium nervosum

Taurodennus ebeneus (Wood). *Taurodennus varulus* (Wood). *Nyleborinus celatus* Wood.

Protium spp.

Amphicranus micans Wood. *Camptoecerus aeneipennis*

(Fabricius). *Camptoecerus auricomus* Blandford. *Camptoecerus niger* (Fabricius). *Cucemonyx exiguus* (Blandford). *Cucemonyx protivorus* Wood. *Coptoborus usagariensis* (Eggers). *Cryphalus nitidipennis* Brownie. *Cryptocarenum lepidus* Wood. *Cryptocarenum pilosus* Eggers. *Gnatholeptus panamensis* Blackman. *Gnatholeptus shaamoni* (Blackman). *Hypothenemus bolivianus* (Eggers). *Hypothenemus opacus* (Eichhoff). *Microborus limatus* Wood. *Pericryphalus sobrinus* Wood. *Pityophthorus sparsepilosus* (Schedl). *Pityophthorus subcristatus* Schedl. *Platypus tristis* Roberts. *Prenobius curipennis* Eichhoff. *Taurodennus bicornutus* (Wood). *Taurodennus flatipes* (Fabricius). *Nyleborus binucus* Brownie. *Nyleborus ferrugineus* (Fabricius). *Nyleborus protii* Brownie.

Protium tenuifolium

Camptoecerus rectus Wood. *Nylosandrus laticeps* (Wood).

Protorkus spp.

Platypus madagascariensis Chapuis.

Prunus americana

Phlocotribus liminaris (Harris).

Prunus angustifolia

Phlocotribus liminaris (Harris).

Prunus apetala

Nyleborus lactus Niisima.

Prunus armeniaca

Cryphalus malus Niisima. *Scolytoplatypus minimus* Hagedorn. *Scolytus nitidus* Schedl. *Nyleborinus saxeseni* (Ratzeburg).

Prunus arium

Polygraphus grandiclava Thomson.

Prunus cerasa

Polygraphus grandiclava Thomson.

Prunus communis

Phlocotribus pruni Wood.

Prunus davidiana

Ambrosiodinus rubricollis (Eichhoff).

Prunus domestica

Hypothenemus birmanus (Eichhoff). *Phlocotribus porteri* Bruch. *Scolytoplatypus fasciatus* Hagedorn.

Prunus donarium spontanea

Nyleborus atratus Eichhoff.

Prunus grayana

Nylechinus gunnensis (Murayama).

Prunus jamusakura

Coccotrypes naidaijincensis (Murayama). *Crossotarsus simplex* Murayama.

Prunus maximowiczii

Dryocoetes cerasi Eggers.

Prunus mume

Cryphalus malus Niisima.

Prunus nepalensis

Diaprus quadrispinatus Chapuis. *Diaprus quinque-spinatus* Chapuis. *Diaprus spatulifer* Brownie. *Scolytoplatypus darjelingi* Stebbing. *Scolytoplatypus pubescens* Hagedorn. *Scolytoplatypus raja* Blandford.

Prunus padus

Cryphalus scopiger Berger. *Lynantor acris* (Lindemann). *Lynantor covyli* (Perris). *Polygraphus grandiclava* Thomson. *Scolytoplatypus siomio* Blandford. *Nylechinus padus* Wood.

Prunus parviflora

Tomicus multisetosus (Murayama).

Prunus persica

Cryphalus malus Niisima. *Hypothenemus crudiae*

- (Panzer). *Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff), *Phloeotribus destructor* Wood, *Phloeotribus discrepans* Blandford, *Phloeotribus liminaris* (Harris), *Phloeotribus pruni* Wood, *Scolytus pumi* Yin & Hwang, *Xylosandrus crassiusculus* (Motschulsky).
- Prunus pseudo-cerasus***
Cryphalus nalis Nisima.
- Prunus salasii***
Ambrosiodinus natalensis (Schaufuss), *Eucallacea xanthopus* (Eichhoff), *Hypothenemus grandis* Schedl.
- Prunus salicina***
Cryphalus nalis Nisima.
- Prunus sargentii***
Cryphalus nalis Nisima.
- Prunus serotina***
Hypothenemus eruditus Westwood, *Liparthrum pruni* Wood, *Phloeotribus destructor* Wood, *Phloeotribus liminaris* (Harris), *Phloeotribus peruvianus* Wood, *Phloeotribus pruni* Wood, *Xyleborinus saxeseni* (Ratzeburg).
- Prunus serrulata spontanea***
Eucallacea validus (Eichhoff).
- Prunus sphaerocarpa***
Acorthylus pruni (Wood), *Platypus calanus* Blandford, *Platypus deceptor* Wood, *Platypus deplanatus* Wood.
- Prunus* spp.**
Ambrosiodinus apicalis (Blandford), *Ambrosiodinus lewisi* (Blandford), *Ambrosiodinus rubricollis* (Eichhoff), *Chaetophloeus heterodoxus* (Casey), *Coccotrypes naidaijuncus* (Murayama), *Glochinoecerus genellus* Blandford, *Hypothenemus eruditus* Westwood, *Monarthrum fasciatum* (Sav), *Phloeotribus destructor* Wood, *Phloeotribus pruni* Wood, *Platypus calanus* Blandford, *Platypus cylindrus* (Fabricius), *Platypus quercivorus* Murayama, *Platypus severini* Blandford, *Polygraphus parvulus* Murayama, *Polygraphus ssiiori* Nisima, *Scolytoplatypus mikado* Blandford, *Scolytus auygdali* Guerin-Meneville, *Scolytus aratus* Blandford, *Scolytus ensifer* Eichhoff, *Scolytus gretschkini* Sokanovskii, *Scolytus japonicus* Chapuis, *Scolytus kirschi* Skalitzy, *Scolytus mali* (Bechstein), *Scolytus pygmaeus* (Fabricius), *Scolytus rugulosus* (Muller), *Scolytus scheygrevi* Semenov, *Trypodendron domesticum* (Linnaeus), *Xyleborinus attenuatus* (Blandford), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus praevius* Blandford, *Xyleborus seriatus* Blandford, *Xylosandrus germanus* (Blandford), *Xylosandrus pseudosolidus* (Schedl).
- Prunus ssiori***
Platypus calanus Blandford, *Polygraphus sharicensis* Nisima.
- Prunus tomentosa***
Scolytus pumi Yin & Hwang.
- Prunus triloba***
Cryphalus pruni Eggers.
- Prunus virginiana***
Phloeotribus pruni Wood.
- Prunus vulgaris***
Phloeotribus pruni Wood.
- Prunus yedoensis***
Xyleborus atratus Eichhoff.
- Pseudoeugenia* spp.**
Platypus hamatidus Schedl.
- Pseudomorus brunoniana***
Ficicis varians Lea.
- Pseudoolmedia laevigata***
Dryocoetes severus Wood, *Tanodenus splendidus* (Schaufuss), *Tanodenus varians* (Fabricius), *Xyleborinus revolutus* (Schedl).
- Pseudoolmedia* spp.**
Phloeotribus minor Wood.
- Pseudospondias microcarpa***
Chaetastus tuberculatus (Chapuis), *Platypus hiitzi* Schauffuss, *Scolytoplatypus africanus* Eggers, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).
- Pseudospondias* spp.**
Trachyostus aterrimus (Schauffuss).
- Pseudotsuga douglasii***
Cryphalus asperatus (Gyllenhal).
- Pseudotsuga flahuati***
Hylastes asperatus Wood, *Hylastes gracilis* LeConte.
- Pseudotsuga macrocarpa***
Carphoborus blaisdelli Swaine, *Dendroctonus pseudotsugae* Hopkins, *Pseudohylesinus nebulosus serratus* Bruck, *Scolytus oregoni* Blackman.
- Pseudotsuga menziesii***
Carphoborus pseudotsugae Wood, *Carphoborus vandykei* Bruck, *Cryphalus pubescens* Hopkins, *Cryphalus ruficollis* Hopkins, *Dendroctonus pseudotsugae* Hopkins, *Dryocoetes autographus* (Ratzeburg), *Dryocoetes cristatus* Inouye & Nobuchi, *Guathotrichus retusus* (LeConte), *Guathotrichus sulcatus* (LeConte), *Hylastes ater* (Paykull), *Hylastes nigritus* (Mannerheim), *Hylastes ruber* Swaine, *Hylurgops reticulatus* Wood, *Hylurgops subopimus rugipennis* (Mannerheim), *Hylurgops rugicostulatus subcostulatus* (Mannerheim), *Phloeosinus antennatus* Swaine, *Phloeotribus lecontei* Schedl, *Pityokteines elegans* Swaine, *Pityokteines lasiocarpi* (Swaine), *Pityophthorus arcuus* Bright, *Pityophthorus italicus* Bright, *Pityophthorus malleatus* Bright, *Pityophthorus opaculus* LeConte, *Pityophthorus oratus* Bright, *Pityophthorus pseudotsugae* Swaine, *Pityophthorus solers* Blackman, *Pityophthorus speculum* Bright, *Platypus apicalis* (White), *Platypus wilsoni* Swaine, *Pseudohylesinus nebulosus nebulosus* (LeConte), *Pseudohylesinus sericeus* (Mannerheim), *Pseudothysanoes conferrae* (Wood), *Sciurus amecetens* LeConte, *Scolytus hermosus* Wood, *Scolytus monticola* (Swaine), *Scolytus oregoni* Blackman, *Scolytus reflexus* Blackman, *Scolytus unispinosus* LeConte, *Scolytus virgatus* Bright, *Xyleborus intrusus* Blandford.
- Pseudotsuga* spp.**
Trypodendron lineatum (Olivier).
- Psidium guajava***
Diaprus formosanus Nisima & Murayama, *Eucallacea fornicatus* (Eichhoff), *Eucallacea xanthopus* (Eichhoff), *Phloeoborus punctatorugosus* Chapuis, *Pityophthorus robai* (Blackman), *Platypus flectus* Nisima & Murayama, *Platypus nijimai* Murayama, *Scolytogenes samoanus* (Browne), *Tanodenus perbeae* (Ferrari), *Xyleborus affinis* Eichhoff, *Xyleborus subtuberculatus* Eggers.
- Psittacanthus schiedeanus***
Chaetophloeus strathanthi Wood, *Cucisimus noguerae* Atkinson, *Corthylus scuticostus* Wood.
- Psittacanthus* spp.**
Corthylus sentosus Wood, *Hypothenemus indigenus* Wood, *Pseudothysanoes plumalis* Wood, *Pseudothysanoes tenellus* Wood.
- Psychotia* spp.**
Xyleborinus quadrispinosus (Eichhoff), *Xyleborus alhuaudi* Schauffuss, *Xylosandrus hirsutipennis* (Schedl).

Psychotia viridiflora*Platypus signatus* Chapuis.***Ptelea trifoliata****Phlocotribus scabricollis* (Hopkins).***Pteleopsis hylodendron****Chaetastus tuberculatus* (Chapuis), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Dryocoetoides cristatus* (Fabricius), *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl.***Pteridium aquilinum****Coccotrypes cardamomi* Schauffuss, *Coccotrypes pterydophytæ* (Schedl).***Pternandra coerulescens****Anasa versicolor* (Sampson).***Pterocarpus angolensis****Doliopygus conradti* (Strohmeyer), *Doliopygus crinitus* (Chapuis), *Doliopygus subserratus* Browne.***Pterocarpus dalbergioides****Crossotarsus andamanis* Beeson, *Platypus cupulatus* Chapuis, *Platypus solidus* Walker, *Platypus reclinatus* (Beeson), *Xyleborinus exiguus* (Walker), *Xyleborus bidentatus* (Motschulsky), *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus pfelti* (Ratzeburg), *Xyleborus similis* Ferrari.***Pterocarpus indicus****Crossotarsus externedentatus* (Fairmaire), *Eucallacea limatus* (Schedl), *Hypocryphalus perminimus* (Schedl), *Platypus insularis* Strohmeyer, *Xyleborus granulipes* Schedl, *Xyleborus similis* Ferrari.***Pterocarpus marsupium****Ambrosiodinus dilingensis* (Eggers), *Crossotarsus minax* (Walker), *Ernoporus concentricus* (Eggers), *Eucallacea andamanensis* (Blandford), *Eucallacea interjectus* (Blandford), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.***Pterocarpus mildbraedii****Chaetastus tuberculatus* (Chapuis), *Doliopygus pseudo-serratus* Roberts, *Trachyostus aterrimus* (Schauffuss).***Pterocarpus osun****Mesoplatypus venustus* Schedl.***Pterocarpus soyauxii****Ambrosiodinus oratus* (Eggers), *Chaetastus tuberculatus* (Chapuis), *Cylindropalpus pertinax* (Schedl), *Doliopygus coelocephalus* (Schauffuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquieri* (Schedl), *Doliopygus interjectus* Schedl, *Doliopygus lebrunii* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus maynei* Schedl, *Doliopygus opulentus* Schedl, *Doliopygus semipilosus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Hypothenemus eruditus* Westwood, *Prennobius longus* Eggers, *Prennobius robustulus* (Schedl), *Prennobius scapinosus* Eggers, *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus althausi* Schauffuss, *Xyleborus caudatus* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus rotulus* (Fabricius).***Pterocarpus* spp.***Ambrosiodinus natalensis* (Schauffuss), *Ernoporus armatus* (Browne), *Ernoporus tuberculatus* (Browne), *Leptoxyleborus concisus* (Blandford), *Platypus triplurus* Browne.***Pterocarpus stenoptera****Sphaerotrypes juglansii* Tsai & Yin.***Pterocarpus tinctorius****Cylindropalpus laudatus* (Schedl), *Doliopygus per-**bretis* Schedl, *Hypothenemus pubipennis* (Eggers), *Hypothenemus solitarius* (Schedl), *Platypus parallelus* (Fabricius), *Xyleborus affinis* Eichhoff, *Xyleborus ficus* Eggers.***Pterocarya rhoifolia****Crossotarsus niponicus* Blandford, *Scolytogenes fujisanus* (Nobuchi).***Pterocymbium beccarii****Crossotarsus subpellucidus* Lea, *Eucallacea barbatus* (Hagedorn), *Eucallacea wallacci* (Blandford), *Platypus pallidus* Chapuis, *Platypus parallelus* (Fabricius), *Platypus solidus* Walker, *Platypus subgranosus* Schedl, *Platypus ustus* Schedl, *Xyleborus emarginatus* Eichhoff, *Xyleborus similis* Ferrari.***Pterocymbium cinctorium****Platypus quadrifissilis* Schedl.***Pterocymbium* spp.***Crossotarsus wallacci* (Thomson), *Diapus pusillimus* Chapuis, *Hyledius cribratus* (Blandford), *Platypus jausoni* Chapuis.***Pteromalus bimaculatus****Xyleborinus saxeseni* (Ratzeburg).***Pterospermum acerifolium****Platypus solidus* Walker, *Xyleborus perforans* (Wollaston), *Xylosandrus discolor* (Blandford).***Pterospermum heyneanum****Coccotrypes longior* (Eggers).***Pterospermum* spp.***Xyleborinus andrewesi* (Blandford).***Pterygopodium oxyphyllum****Doliopygus donist* Schedl.***Pterygota bequaertii****Chaetastus tuberculatus* (Chapuis), *Doliopygus jurioni* Schedl, *Doliopygus lateralis* Schedl, *Doliopygus lateralis* Schedl, *Doliopygus lebrunii* Schedl, *Doliopygus medius* Schedl, *Doliopygus punctiventris* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus unicornis* Schedl, *Platypus hintzi* Schauffuss, *Platypus intermedius* (Schedl), *Strombophorus vagans* Schedl, *Trachyostus aterrimus* (Schauffuss), *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus rotulus* (Fabricius).***Pterygota mucrocarpa****Cylindropalpus auricomans* (Schauffuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus medius* Schedl, *Doliopygus mimicus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Platypus hintzi* Schauffuss, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).***Pterygota* spp.***Platypus obliquetruncatus* Schedl, *Prennobius caripennis* spp.***Ptychosperma* spp.***Coccotrypes dactyliperda* (Fabricius).***Pueraria thumbergiana****Ambrosiodinus lewisi* (Blandford).***Punica granatum****Eucallacea xanthopus* (Eichhoff), *Platypus solutus* Schedl, *Xyleborus piccus* (Motschulsky).***Punica* spp.***Xyleborus dispar* (Fabricius).***Purshia mexicana****Chaetophloeus heterodoxus* (Casey).***Pycanthus angolensis****Chaetastus persimilis* (Schedl), *Chaetastus tuberculatus* (Chapuis), *Doliopygus bilobatus* (Schedl), *Doliopygus*

conradti (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus interjectus* Schedl, *Doliopygus lefevrei* Schedl, *Eucallaccia granosus* (Schedl), *Mesoplatypus venustus* Schedl, *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Platypus parallelus* (Fabricius), *Platypus picinus* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus nitidulus* Eggers, *Xyleborus picus* (Motschulsky), *Xyleborus subtuberculatus* Eggers, *Xylosandrus volubus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Pycanthus kombo

Chaetastus persinilis (Schedl), *Chaetastus tuberculatus* (Chapuis), *Doliopygus conradti* (Strohmeyer), *Doliopygus serratus* (Strohmeyer), *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus picus* (Motschulsky), *Xyleborus rotulus* (Fabricius).

Pycanthus marchalinus

Xyleborus ferrugineus (Fabricius).

***Pycanthus* spp.**

Ambrosiodinus eichhoffi (Schreiner).

Pycnostachys coerulea

Eucallacea xanthopus (Eichhoff), *Rhopalopselion cougoum* (Schedl).

Pygeum africanum

Chaetastus diversifrons Brownie, *Chaetastus montanus* Schedl, *Cylindropalpus laudatus* (Schedl), *Hylesinopsis fasciatus* (Hagedorn), *Sphaerotrypes pygeumii* Schedl, *Triozastus marshalli* (Sampson).

Pygeum parviflorum

Diapus quinquespinatus Chapuis.

Pyrus betulaeifolia

Sphaerotrypes pyri Tsai & Yin.

Pyrus communis

Cnesinus strigicollis LeConte.

Pyrus lanata

Dryocoetes himalayensis Strohmeyer, *Scolytoplattypus siomio* Blandford.

Pyrus malus

Chaetophloeus heterodoxus (Casey), *Cryphalus malus* Niisima, *Hypothenemus africanus* (Hopkins), *Hypothenemus crudidae* (Panzer), *Hypothenemus cruditus* Westwood, *Hypothenemus malus* (Schedl), *Lymnantor coryli* (Perris), *Scolytus nitidulus* Schedl.

***Pyrus* spp.**

Hypothenemus cruditus Westwood, *Scolytoplattypus daimio* Blandford, *Scolytus japonicus* Chapuis, *Scolytus mali* (Bechstein), *Scolytus rugulosus* (Müller), *Xylosandrus germanus* (Blandford), *Xyleborus dispar* (Fabricius).

Pyrus ussuriensis

Scolytus jacobsoni (Spessivtsev).

Qualea ingens

Dryocoetoides flavus (Fabricius), *Taurodemus perebae* (Ferrari), *Xyleborinus reconditus* (Schedl), *Xyleborus spinulosus* Blandford.

Qualea wittrockii

Hypothenemus plumieriae (Nordlinger), *Sampsonius dampfi* Schedl.

Quercus acuta

Ambrosiodinus rubricollis (Eichhoff), *Coptodryas kirishimanus* (Murayama), *Platypus calamus* Blandford.

Platypus lewisi Blandford, *Platypus quercivorus* Murayama, *Xyleborus atratus* Eichhoff, *Xyleborus niyazakensis* Murayama, *Xyleborus nancreatus* Murayama, *Xyleborus pelliculosus* Eichhoff, *Xyleborus tsukubanus* Murayama.

Quercus acutissima

Platypus lewisi (Murayama), *Platypus lewisi* Blandford, *Platypus quercivorus* Murayama, *Scolytogenes imitans* Eichhoff, *Sphaerotrypes pila* Blandford.

Quercus afares

Taphronychus rillifrons (Dufour).

Quercus agrifolia

Gnathotriclus pilosus (LeConte), *Monarthrum dentigerum* (LeConte), *Monarthrum scutellare* (LeConte), *Pseudopityophthorus agrifoliae* Blackman, *Pseudopityophthorus pubipennis* (LeConte).

Quercus alba

Corthylihus columbianus Hopkins, *Micracisella opacicollis* (LeConte), *Monarthrum fasciatum* (Say), *Pseudopityophthorus pubescens* Blackman, *Xyleborus ferrugineus* (Fabricius).

Quercus aliena

Platypus koryoensis (Murayama), *Platypus lewisi* Blandford.

Quercus borealis

Pseudopityophthorus pubescens Blackman, *Xyleborus ferrugineus* (Fabricius).

Quercus cerris

Erioporicus fagi (Fabricius), *Taphronychus hirtellus* Eichhoff.

Quercus coccinea

Xyleborus ferrugineus (Fabricius).

Quercus costaricensis

Monarthrum pseudoscutellare (Schedl).

Quercus crispula

Platypus calamus Blandford.

Quercus dentata

Taphronychus leucetti (Stebbing).

Quercus digitata

Monarthrum fasciatum (Say).

Quercus dilatata

Diapus aculeatus Blandford, *Diapus molossus* Chapuis, *Diapus spatulifer* Brownie, *Platypus sexualis* Beeson, *Sphaerotrypes querci* Stebbing.

Quercus emoryi

Pseudopityophthorus opacicollis Blackman, *Pseudothysanoes sedulus* Blackman.

Quercus fagifolia

Diapus quinquespinatus Chapuis.

Quercus falcata

Micracisella opacicollis (LeConte), *Xyleborus ferrugineus* (Fabricius).

Quercus gambellii

Pseudothysanoes sedulus Blackman.

Quercus garrayana

Pseudopityophthorus pubipennis (LeConte).

Quercus gilliana

Scolytus querci Yin & Huang.

Quercus gilva

Anasa calamoides (Murayama), *Diapus spatulifer* Brownie, *Platypus calamus* Blandford, *Platypus kinshuensis* Murayama, *Platypus lewisi* Blandford, *Platypus quercivorus* Murayama, *Platypus severini* Blandford.

Quercus glauca

Coptodryas kirishimana (Murayama), *Crossotarsus flavomaculatus* Strohmeyer, *Eucallacea telatus* (Samp-

- son). *Platypus calanus* Blandford. *Platypus quercivorus* Murayama.
- Quercus grisea**
Pseudopityophthorus vaapaii Blackman.
- Quercus grosseserrata**
Eucallacra validus (Eichhoff).
- Quercus houdai**
Platypus calanus Blandford.
- Quercus houdurensis**
Monarthrum quercuum Wood. *Pseudopityophthorus granulifer* Wood. *Pseudopityophthorus pruinosis* (Eichhoff).
- Quercus humboldtii**
Cucinus deperditus Wood. *Cucinus fulgidus* Wood. *Phloeotribus renorsus* Wood. *Pseudopityophthorus colombianus* Wood.
- Quercus hypoleucoides**
Corthylus petilus Wood. *Monarthrum huachucae* Wood. *Pseudopityophthorus granulatus* Blackman. *Pseudopityophthorus pruinosis* (Eichhoff). *Pseudopityophthorus vaapaii* Blackman.
- Quercus ilex**
Taphrocyclus minor Eggers.
- Quercus incana**
Carchesiopygus lobacanthus Schedl. *Crossotarsus fairmairi* Chapuis. *Crossotarsus uilmoti* (Stebbing). *Diapus aculeatus* Blandford. *Diapus quadrispinatus* Chapuis. *Diapus quinquespinatus* Chapuis. *Platypus abruptus* Sampson. *Polygraphus querci* Wood. *Scolytoplattypus pubescens* Hagedorn. *Sphaerotrypes querci* Stebbing.
- Quercus jordanae**
Xyleborus rufus Schedl.
- Quercus kelloggii**
Monarthrum scutellare (LeConte). *Pseudopityophthorus agrifoliae* Blackman. *Pseudopityophthorus pubipennis* (LeConte).
- Quercus lanellosa**
Ambrosiodinus apicalis (Blandford). *Arixyleborus moestus* (Eggers). *Diapus minor* Schedl. *Diapus molossus* Chapuis. *Diapus quadrispinatus* Chapuis. *Diapus quinquespinatus* Chapuis. *Diapus spatulifer* Brownie. *Indoceryphalus intermedius* (Sampson). *Platypus curtatus* Sampson. *Platypus falcatus* Strohmeyer. *Platypus levisi* Blandford. *Platypus quadriporus* (Beeson). *Pseudoxylechinus indicus* Wood. *Scolytoplattypus darjeelingi* Stebbing. *Xyleborus improbus* Sampson. *Xyleborus inarmatus* Eggers. *Xylechinus darjeelingensis* Schedl.
- Quercus lanuginosa**
Taphrocyclus leucetti (Stebbing).
- Quercus lineata**
Platypus quadriporus (Beeson).
- Quercus marylandica**
Pseudopityophthorus pruinosis (Eichhoff). *Trischidias atomus* (Hopkins).
- Quercus mirbeckii**
Taphrocyclus villifrons (Dufour).
- Quercus mongolica**
Platypus quercivorus Murayama. *Xyleborus atratus* Eichhoff. *Xyleborus lactus* Niisima. *Xyleborus punctulatus* Kurenzow. *Xyleborus starki* Numberg.
- Quercus mongolica grosseserrata**
Crossotarsus niponicus Blandford. *Platypus calanus* Blandford. *Platypus levisi* Blandford. *Platypus modestus* Blandford. *Platypus quercivorus* Murayama. *Xyleborus aquilus* Blandford.
- Quercus myrsinaefolia**
Acanthotomicus spinosus Blandford. *Ambrosiodinus rubricollis* (Eichhoff). *Crossotarsus niponicus* Blandford. *Platypus calanus* Blandford. *Platypus quercivorus* Murayama. *Sphaerotrypes pila* Blandford. *Xyleborus japonicus* Nobuchi. *Xyleborus naneranus* Murayama. *Xylosandrus compactus* (Eichhoff).
- Quercus nigra**
Pseudopityophthorus asperulus (LeConte). *Pseudopityophthorus pruinosis* (Eichhoff).
- Quercus pedunculata**
Taphrocyclus villifrons (Dufour).
- Quercus phellos**
Xyleborus ferrugineus (Fabricius).
- Quercus phillyraeoides**
Xyleborus misatoensis Nobuchi. *Xyleborus wakayanensis* Nobuchi.
- Quercus pubescens**
Taphrocyclus villifrons (Dufour).
- Quercus robur**
Platypus mutatus Chapuis. *Taphrocyclus villifrons* (Dufour).
- Quercus rubra**
Monarthrum fasciatum (Say). *Monarthrum mali* (Fitch). *Pseudopityophthorus asperulus* (LeConte). *Pseudopityophthorus pubescens* Blackman.
- Quercus salicina**
Crossotarsus niponicus Blandford. *Platypus calanus* Blandford. *Platypus quercivorus* Murayama.
- Quercus supotaefolia**
Micracis lignicolus Wood. *Pseudopityophthorus granulifer* Wood.
- Quercus semicarpifolia**
Crossotarsus fairmairi Chapuis. *Diapus aculeatus* Blandford. *Diapus molossus* Chapuis. *Genyocerus furtivus* (Sampson). *Scolytus querci* Yin & Huang. *Sphaerotrypes querci* Stebbing. *Taphrocyclus leucetti* (Stebbing).
- Quercus serrata**
Diapus quinquespinatus Chapuis. *Platypus calanus* Blandford. *Platypus koryocensis* (Murayama). *Platypus levisi* Blandford. *Platypus quercivorus* Murayama. *Xyleborus atratus* Eichhoff. *Xylosandrus crassiusculus* (Motschulsky).
- Quercus sessilifolia**
Platypus calanus Blandford. *Platypus quercivorus* Murayama.
- Quercus sopotaefolia**
Pseudopityophthorus pruinosis (Eichhoff).
- Quercus spicata**
Coccotrypes papuanus (Eggers).
- Quercus spp.**
Anasa schlichii (Stebbing). *Ambrosiodinus apicalis* (Blandford). *Ambrosiodinus devexus* (Schedl). *Ambrosiodinus ferus* (Wood). *Ambrosiodinus fucbris* (Schedl). *Ambrosiodinus levisi* (Blandford). *Ambrosiodinus rubricollis* (Eichhoff). *Amphiceranus rameus* Wood. *Amphiceranus splendens* Wood. *Chramesus dentatus* Schaeffer. *Cucinus elegantis* Wood. *Cucinus gibbulus* Wood. *Cucinus porvatus* Blandford. *Cucinus strigicollis* LeConte. *Corthylus cyclon aztecum* (Bright). *Corthylus minutus* Bright. *Corthylus petilus* Wood. *Crossotarsus fractus* Sampson. *Crossotarsus horni* Schedl. *Crossotarsus oligodontus* Roberts. *Crossotarsus simplex* Murayama. *Crossotarsus terminatus* Chapuis. *Cryphalus felis* Wood. *Cyclorhipidion circumcisum*

(Sampson), *Cyclorhipidium subobtusum* (Schedl), *Diapys pendleburyi* Schedl, *Dryococtiops coffeae* (Eggers), *Eucallacca xanthopus* (Eichhoff), *Glochinoceus gemellus* Blandford, *Gnathotrichus dentatus* Wood, *Gnathotrichus nimifrons* Wood, *Gnathotrichus obscurus* Wood, *Gnathotrichus pilosus* (LeConte), *Gnathotrichus prinus* (Bright), *Gnathotrupes bituberculatus* (Blandford), *Hadrodemius amorphus* (Eggers), *Hylesinus crenatus* (Fabricius), *Hylesinus varius* (Fabricius), *Hylocurus femineus* Wood, *Hylocurus hirtellus* (LeConte), *Hylocurus inconspuus* Wood, *Hylocurus longipennis* Wood, *Hylocurus parkinsoniae* Blackman, *Hypothenemus birmanus* (Eichhoff), *Hypothenemus columbi* Hopkins, *Hypothenemus crudiae* (Panzer), *Hypothenemus dissimilis* (Zimmermann), *Hypothenemus eruditus* Westwood, *Hypothenemus interstitialis* (Hopkins), *Hypothenemus rotundicollis* (Eichhoff), *Hypothenemus seriatus* (Eichhoff), *Leptoxyloborus concisus* (Blandford), *Lymantor coryli* (Perris), *Micracis amplius* Wood, *Micracis evanesens* Wood, *Micracis incertus* Wood, *Micracis lignator* Blackman, *Micracisella adnata* Wood, *Micracisella knulli* (Blackman), *Micracisella mimetica* Wood, *Micracisella nanula* (LeConte), *Micracisella scitula* Wood, *Microcorthyus vicinus* Wood, *Monarthrum aberrans* Schedl, *Monarthrum bicavum* Wood, *Monarthrum cordatum* (Blandford), *Monarthrum cordaticum* Wood, *Monarthrum dentigerum* (LeConte), *Monarthrum desum* (Wood), *Monarthrum fasciatum* (Say), *Monarthrum gnarum* (Schedl), *Monarthrum laterale* (Eichhoff), *Monarthrum luctuosum* (Blandford), *Monarthrum morsum* Wood, *Monarthrum nevemanni* (Schedl), *Monarthrum pseudoscutellare* (Schedl), *Monarthrum quercicolens* Wood, *Monarthrum quercivorum* Schedl, *Monarthrum quercus* (Wood), *Monarthrum quercuum* Wood, *Monarthrum scrobiceps* (Eichhoff), *Monarthrum sulcatum* (Blandford), *Monarthrum rallidum* (Ferrari), *Monarthrum rittatum* (Blandford), *Phloeosinus pulchellus* Blandford, *Phloeotribus quercinus* Wood, *Pityophthorus conspectus* Wood, *Pityophthorus guatemalensis* Blandford, *Pityophthorus lautus* Eichhoff, *Pityophthorus medialis* Wood, *Pityophthorus melanurus* Wood, *Pityophthorus parilis* Wood, *Pityophthorus quercinus* Wood, *Pityophthorus scitulus* Wood, *Platypus annexus* Wood, *Platypus cugestus* Wood, *Platypus formosanus* Niisima & Murayama, *Platypus connexus* Wood, *Platypus convexicauda* Schedl, *Platypus cylindrus* (Fabricius), *Platypus jansoni* Chapuis, *Platypus kinshuensis* Murayama, *Platypus marcidus* Blandford, *Platypus otiosus* Schedl, *Platypus platypoides* (Browne), *Platypus quadridentatus* (Olivier), *Platypus quercus* Wood, *Platypus querci* Browne, *Platypus quercicola* Schedl, *Platypus quercivorus* Murayama, *Pseudopityophthorus agrifoliae* Blackman, *Pseudopityophthorus asperulus* (LeConte), *Pseudopityophthorus comosus* Bright, *Pseudopityophthorus declivis* Wood, *Pseudopityophthorus denticulus* Wood, *Pseudopityophthorus festivus* Wood, *Pseudopityophthorus granulatus* Blackman, *Pseudopityophthorus hondurensis* Wood, *Pseudopityophthorus limbatus* Eggers, *Pseudopityophthorus minutissimus* (Zimmermann), *Pseudopityophthorus opacicollis* Blackman, *Pseudopityophthorus peregrinus* Wood & Yin, *Pseudopityophthorus pruinosis* (Eichhoff), *Pseudopityophthorus singularis* Wood, *Pseudopityophthorus squamosus* Bright, *Pseudopityophthorus tenuis* Wood, *Pseudopityophthorus virilis* Wood, *Pseudopityophthorus yacapaui* Blackman, *Pseudo-*

thysanoes brunneus Wood, *Pseudothysanoes costatus* Wood, *Pseudothysanoes lecontei* Blackman, *Pseudothysanoes quercicolens* Wood, *Pseudothysanoes quercinus* (Wood), *Pseudothysanoes quercivorus* Wood, *Pseudothysanoes securus* Wood, *Pseudothysanoes scidulus* Blackman, *Schedlia vulpinus* (Schedl), *Scolytodes amabilis* Wood, *Scolytodes radiatus* Wood, *Scolytoplatypus daimio* Blandford, *Scolytoplatypus mikado* Blandford, *Scolytoplatypus raja* Blandford, *Scolytoplatypus sionio* Blandford, *Scolytoplatypus tycon* Blandford, *Scolytus intricatus* (Ratzeburg), *Scolytus laevis* Chapuis, *Scolytus pygmaeus* (Fabricius), *Scolytus scolytus* (Fabricius), *Scolytus sulcifrons* Rey, *Sphaerotrypes yunnanensis* Tsai & Yin, *Tesserocerus alternans* Schedl, *Tesserocerus schmutzehofer* Schedl, *Thysanoes adonis* Wood, *Thysanoes berchemiae* Blackman, *Thysanoes fimbriicornis* LeConte, *Thysanoes lobdelli* Blackman, *Thysanoes pallens* Wood, *Thysanoes subulcatus* Wood, *Thysanoes xylophagus* Blackman, *Tiarophorus scrutator* (Pandelle), *Trypodendron domesticum* (Linnaeus), *Webbia piseccauda* Browne, *Xyleborinus aculeus* (Wollaston), *Xyleborinus attenuatus* (Blandford), *Xyleborinus exiguus* (Walker), *Xyleborinus gracilicornis* (Schedl), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborinus adusticollis* (Motschulsky), *Xyleborinus affinis* Eichhoff, *Xyleborinus armipennis* Schedl, *Xyleborinus emarginatus* Eichhoff, *Xyleborinus curygraphus* (Ratzeburg), *Xyleborinus exesus* Blandford, *Xyleborinus kumamotoensis* Murayama, *Xyleborinus monographus* (Fabricius), *Xyleborinus obesus* LeConte, *Xyleborinus olmoi* Browne, *Xyleborinus okinosensis* Murayama, *Xyleborinus onoharacensis* Murayama, *Xyleborinus perforans* (Wollaston), *Xyleborinus pfeili* (Ratzeburg), *Xyleborinus quercicola* Eggers, *Xyleborinus scirvorenis* Murayama, *Xyleborinus seriatus* Blandford, *Xyleborinus xylographus* (Say), *Xylosandrus brevis* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus germanus* (Blandford), *Xylosandrus manicus* (Blandford), *Xylocerinus politus* (Say).

Quercus stenophylla

Ambrosiodinus levisi (Blandford), *Platypus calamus* Blandford, *Xyleborinus attenuatus* (Blandford), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborinus kojimai* Murayama, *Xyleborinus pelliculosus* Eichhoff, *Xyleborinus rotulus* (Fabricius).

Quercus texana

Hypothenemus eruditus Westwood.

Quercus tomentocaulis

Platypus longius Wood.

Quercus tomentosicupula

Xyleborus atratus Eichhoff.

Quercus velutina

Hylocurus rudis (LeConte), *Pseudopityophthorus asperulus* (LeConte).

Quercus virginiana

Arauptus nanulus Wood.

Quercus williamsii

Micracis lignicolus Wood.

Quercus wislizenii

Pseudopityophthorus agrifoliae Blackman.

Quercus wrayi

Cyclorhipidium punctatopilosum (Schedl), *Platypus quercinus* Schedl.

Quintinia spp.

Crossotarsus caliginosus Roberts, *Margadillius magnus* Browne.

Quisqualis indica

Hypothenemus californicus Hopkins, *Hypothenemus crudiae* (Panzer), *Hypothenemus cruditus* Westwood.

Radlkofera spp.

Doliopygus bitalei Schedl, *Doliopygus omissus* Schedl, *Eucallacca xanthopus* (Eichhoff), *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Xyleborus alhuandi* Schanfuss, *Xyleborus amanicus* Hagedorn, *Xyleborus principalis* Eichhoff.

Randia acuminata

Cylindropalpus granulosis (Schedl).

Randia anisophylla

Anasa versicolor (Sampson), *Ambrosiolum rubricollis* (Eichhoff), *Leptoxyloborus concisus* (Blandford).

Randia congolana

Doliopygus serratus (Strohmeyer), *Hypothenemus perhispidus* (Eggers), *Micryphalus nitidus* (Schedl), *Xyleborus alhuandi* Schanfuss, *Xylosandrus crassiusculus* (Motschulsky).

Randia spp.

Pseudothysanoes truncatus Wood, *Pseudothysanoes resculus* Wood, *Xyleborinus andrewesi* (Blandford).

Randia uliginosa

Eucallacca andamanensis (Blandford).

Rapanea guyanensis

Cortylus mexicanus Schedl.

Rapanea melanophloeos

Xyleborinus acutus (Wollaston).

Rapanea rhododendroides

Chaetastus montanus Schedl.

Rauwolfia caffra

Eucallacca xanthopus (Eichhoff), *Prennobiobius minor* Eggers.

Rauwolfia inebrians

Rhopalopschion immaturus (Schedl).

Rauwolfia vomitoria

Triozastus caliginosus Roberts.

Ravensara perrillei

Platypus madagascariensis Chapuis, *Mitosoma odonticeps* Schedl.

Ravensara polyneura

Mitosoma odonticeps Schedl.

Ravensara spp.

Eucallacca xanthopus (Eichhoff), *Hypothenemus abruptus* (Schedl), *Mitosoma obconiceps* Schedl, *Mitosoma truncatipennis* Schedl, *Xyleborinus mitosomipennis* (Schedl), *Xyleborus madagascariensis* Schanfuss, *Xyleborus sakalava* Schedl, *Xylosandrus manicus* (Blandford).

Ravensara madagascariensis

Mitosoma odonticeps Schedl.

Regas spp.

Platypus perbrevis Browne.

Retama borei

Phlocotribus pycerinloffii (Eggers).

Retama sphaerocarpa

Liparthrum genistae (Aube), *Phlocotribus rhododactylus* (Marshall).

Retama spp.

Phlocotribus cristatus (Fauvel), *Phlocotribus maroccanus* (Guillebeau).

Reynoldsia tahitensis

Xyleborus munyfordi Beeson.

Reynosia septentrionalis

Hypothenemus hirsutus (Wood).

Rhacoma crossopetalum

Cryptocarinus serriatus Eggers.

Rhamnus betulaeifolia

Chramesus setosus Wood.

Rhamnus capreaefolia

Chramesus chapuisi LeConte.

Rhamnus cathartica

Lymantor coryli (Perris).

Rhamnus frangula

Lymantor coryli (Perris).

Rhamnus lauceolata

Hypothenemus dissimilis (Zimmermann), *Hypothenemus rotundicollis* (Eichhoff).

Rhamnus spp.

Hyllocurus hirtellus (LeConte), *Hypothenemus serriatus* (Eichhoff), *Hypothenemus sparsus* Hopkins.

Rhedia edulis

Campitocerus auricomus Blandford, *Micracis carinulus* Wood, *Microborus boops* Blandford, *Phrixosoma minor* Wood, *Phrixosoma rufum* Blandford, *Pityophthorus galericus* Wood, *Pityophthorus strictus* Wood.

Rhedia madruuo

Phrixosoma crebra Wood, *Phrixosoma frustrata* Wood, *Phrixosoma obesa* Blackman, *Phrixosoma viriosa* Wood, *Taurodemus bicornutus* (Wood), *Xyleborus schildi* Schedl.

Rhedia spp.

Hypothenemus javanus (Eggers).

Rhizophora apiculata

Crossotarus externedentatus (Fairmaire), *Platypus pseudocupulatus* Schedl, *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston).

Rhizophora mangle

Coccotrypes rhizophorae (Hopkins), *Hypothenemus birmanus* (Eichhoff), *Hypothenemus crudiae* (Panzer), *Hypothenemus cruditus* Westwood, *Hypothenemus javanus* (Eggers), *Micracisella nanula* (LeConte), *Thysanoes pallens* Wood, *Trischidius atomus* (Hopkins), *Trischidius minutissima* Wood, *Xyleborus productus* Hagedorn.

Rhizophora mucronata

Coccotrypes litoralis (Beeson), *Coccotrypes rhizophorae* (Hopkins), *Eruoporus inermis* (Schedl), *Platypus foenicula* Chapuis, *Platypus insularis* Strohmeyer, *Xyleborus bidentatus* (Motschulsky), *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

Rhizophora spp.

Coccotrypes fallax (Eggers), *Cryphalus negrosensis* Browne, *Prennobiobius cavipennis* Eichhoff, *Xylosandrus compactus* (Eichhoff).

Rhodannia trinervia

Anasa versicolor (Sampson), *Arixyleborus scabripennis* (Blandford), *Eccoopterus limbus* Sampson, *Hadrodemus comans* (Sampson), *Xyleborus approximatus* Schedl, *Xyleborus minutus* Blandford.

Rhodoabaena bakeriana

Mitosoma obconiceps Schedl, *Mitosoma obliquatum* Schedl, *Mitosoma paulianum* Schedl.

Rhododendrou spp.

Cortylus punctatissimus (Zimmermann), *Hypothenemus interstitialis* (Hopkins).

Rhoicissus erythrodes

Eucallacca xanthopus (Eichhoff), *Xyleborus principalis* Eichhoff.

Rhus ambigua*Xyleborus seriatus* Blandford.**Rhus aromatica***Hypothenemus distinctus* Wood, *Pityophthorus lylocurvides* Wood.**Rhus chinensis***Xylosandrus discolor* (Blandford), *Xylosandrus germanus* (Blandford).**Rhus diversilobata***Cactopinus rhois* Blackman.**Rhus glabra***Hypothenemus seriatus* (Eichhoff).**Rhus integrifolia***Chaetophloeus hystrix* (LeConte), *Chaetophloeus penicillatus* (Bruck).**Rhus lancea***Hypothenemus malus* (Schedl), *Laururgus rhusi* Schedl.**Rhus laurina***Chaetophloeus hystrix* (LeConte), *Stenoclyptus sulcatus* (Bruck).**Rhus microphylla***Chaetophloeus penicillatus* (Bruck).**Rhus mucronata***Xyleborinus acmulus* (Wollaston).**Rhus ovata***Chaetophloeus hystrix* (LeConte), *Chaetophloeus penicillatus* (Bruck).**Rhus radicans***Pityophthorus lautus* Eichhoff.**Rhus spp.***Acanthotomicus bidentatus* (Schedl), *Ambrosiodinus rubricollis* (Eichhoff), *Ambrosiodinus tachygraphus* (Zimmermann), *Chaetophloeus lasius* Wood, *Chaetophloeus sulcatus* (Wood), *Corthylocurus mexicanus* (Schedl), *Glostatus acaciae* (Schedl), *Hylesinopsis confusus* (Eggers), *Hylocurus hirtellus* (LeConte), *Hypothenemus interstitialis* (Hopkins), *Micracisella nigrella* Wood, *Pityophthorus debilis* Wood, *Platypus solutus* Schedl, *Polygraphus natalensis* Eggers, *Thysanocis inornatus* Wood, *Xyleborinus saxeseni* (Ratzeburg).**Rhus succedanea***Sueus niisimai* (Eggers).**Rhus sylvestris***Ambrosiodinus lewisi* (Blandford), *Lymanator kabeci* Murayama.**Rhus taitensis***Platypus solidus* Walker, *Xyleborus viaticus* Schedl.**Rhus toxicodendron***Pityophthorus crinalis* Blackman, *Trischidias atomus* (Hopkins).**Rhus toxicodendron radicans***Cryphalus rhusi* Niisima.**Rhus trichocarpa***Indocryphalus pubipennis* (Blandford).**Rhus trilobata***Cactopinus rhois* Blackman, *Chaetophloeus penicillatus* (Bruck), *Pityophthorus virilis* Blackman.**Rhus typhina***Lymanator decipiens* (LeConte), *Pityophthorus lautus* Eichhoff, *Pityophthorus scriptor* Blackman.**Rhus vernix***Pityophthorus crinalis* Blackman.**Rhus villosa***Platypus solutus* Schedl.**Ribes spp.***Chaetophloeus heterodoxus* (Casey).**Ricinodendron africanum***Chaetastus tuberculatus* (Chapuis), *Doliopygus leferrei* Schedl, *Platypus hintzi* Schauffuss, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus alluaudi* Schauffuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus rohuis* (Fabricius).**Ricinodendron heudelotii***Ambrosiodinus oratus* (Eggers), *Chaetastus tuberculatus* (Chapuis), *Coccotrypes rotundicollis* (Eggers), *Doliopygus conradti* (Strohmeyer), *Doliopygus interjectus* Schedl, *Doliopygus medius* Schedl, *Doliopygus serratus* (Strohmeyer), *Euwallacea pandae* (Schedl), *Hypothenemus eruditus* Westwood, *Periommatius excisus* Strohmeyer, *Platypus hintzi* Schauffuss, *Platypus impressus* (Strohmeyer), *Platypus picinus* Schedl, *Platypus solutus* Schedl, *Premnobius nodulosus* Hagedorn, *Trachyostus aterrimus* (Schauffuss), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus picus* (Motschulsky), *Xyleborus subtuberculatus* Eggers, *Xyleborus volulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).**Ricinus communis***Acanthotomicus tanganyikacensis* (Schedl), *Euwallacea fornicatus* (Eichhoff), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Pityophthorus kivuensis* Schedl, *Theoborus ricini* (Eggers), *Xyleborus principalis* Eichhoff, *Xyleborus volulus* (Fabricius).**Ricinus spp.***Euwallacea fornicatus* (Eichhoff).**Rinorea spp.***Dactylipalpus groutelleyi* (Blandford).**Rinorea weltitschii***Doliopygus subditicus* (Schedl), *Xyleborus picus* (Motschulsky).**Ritchiea appreciavana***Euwallacea xanthopus* (Eichhoff), *Xyleborus ambasi-pennis* Schedl, *Xyleborus principalis* Eichhoff.**Robinia neomexicana***Chramesus asperatus* Schaeffer.**Robinia pseudacacia***Euwallacea fornicatus* (Eichhoff), *Hypothenemus eruditus* Westwood, *Trischidias atomus* (Hopkins), *Trypodendron domesticum* (Linnaeus).**Robinia spp.***Chramesus chapuisi* LeConte, *Hylesinus varius* (Fabricius), *Hylocurus ruber* Wood, *Hypothenemus eruditus* Westwood.**Rollinia orchopetala***Coccotrypes carpophagus* (Hornung).**Rollinia spp.***Xylosandrus compactus* (Eichhoff).**Rosa spp.***Cnesinus elegans* Blandford, *Xyleborus dispar* (Fabricius).**Roupala complicata***Araptus vinnulus* Wood.**Roupala spp.***Araptus furvescens* Wood, *Araptus furcus* Wood.**Rubus spp.***Cnesinus elegans* Blandford, *Cnesinus fulgens* Wood, *Cnesinus licaris* Wood, *Corthylocurus mexicanus* (Schedl), *Corthylus additus* Wood, *Cryphalus balanop-selaphus* Eggers, *Hypothenemus erectus* LeConte.

- Micracisella nitidula* Wood, *Tricholus aciculatus* Wood, *Xylosandrus compactus* (Eichhoff).
- Rudaea amazonica**
Xyleborus spinulosus Blandford.
- Rumex spp.**
Cytogenes mungensis (Schedl).
- Sabal bermudana**
Coccotrypes dactyliperda (Fabricius).
- Sabal palmetto**
Coccotrypes carpophagus (Hornung).
- Sabia parviflora**
Hypothenemus seriatus (Eichhoff).
- Sabiua chinensis**
Phloeosinus hopchi Schedl, *Phloeosinus perlatus* Chapuis, *Phloeosinus shensi* Tsai & Yin.
- Saccharum officinarum**
Xyleborus affinis Eichhoff, *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky).
- Saccharum spontaneum**
Hypothenemus bahianae Schedl, *Hypothenemus eruditus* Westwood, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus toleulus* (Fabricius).
- Sacoglottia procera**
Phelloterus auxanus Wood, *Platypus nudatus* Wood, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).
- Sacoglottia spp.**
Phelloterus atrocis Wood.
- Sagraea elliptica**
Crossotarsus andamanus Beeson.
- Sagraea lauriua**
Xylosandrus crassiusculus (Motschulsky).
- Sahaja jahara**
Sphacrotrypes bengalensis Wood.
- Salacia erecta**
Mimioecurus kikisac (Schedl), *Mimioecurus rugicollis* (Schedl).
- Salix babylonica**
Hypothenemus californicus Hopkins.
- Salix caprea**
Trypophloeus binodulus (Ratzeburg).
- Salix fragilis**
Trypophloeus binodulus (Ratzeburg).
- Salix guatemalensis**
Corthylus papulans Eichhoff, *Micracis grandis* Schedl.
- Salix nigra**
Trischidium atomus (Hopkins).
- Salix sachalinensis**
Trypophloeus dejevi Stark.
- Salix scouleriana**
Procrpyphalus utahensis Hopkins, *Trypophloeus striatulus* (Mannerheim).
- Salix silesiaca**
Trypophloeus rybinskii Reitter.
- Salix spp.**
Ambrosiodinus lewisi (Blandford), *Corthylus mexicanus* Schedl, *Cryphalus exiguus* Blandford, *Hylocurus hirtellus* (LeConte), *Hylocurus microcornis* Wood, *Hypothenemus columbi* Hopkins, *Hypothenemus seriatus* (Eichhoff), *Lymnator alaskanus* Wood, *Lymnator decipiens* (LeConte), *Micracis carinulatus* Wood, *Micracis detentus* Wood, *Micracis swaini* Blackman, *Micracis tribulatus* Wood, *Micracisella knulli* (Blackman), *Microcorthylus vicinus* Wood, *Procrpyphalus utahensis* Hopkins, *Scolytus scheryzevi* Semenov, *Scolytus scolytus* (Fabricius), *Taphrozygus machnovskii* (Sokanovskii), *Trypophloeus binodulus* (Ratzeburg), *Trypophloeus niger* Stark, *Trypophloeus salicis* Hopkins.
- Salix tetrasperma**
Scolytoplatypus minimus Hagedorn, *Xyleborus haberkorni* Eggers.
- Salualia insignis**
Eucallacea andamanensis (Blandford), *Eucallacea interjectus* (Blandford), *Platypus indicus* Strohmeyer, *Platypus quadrifissilis* Schedl, *Xyleborus cognatus* Blandford.
- Salualia malabarica**
Ambrosiodinus minor (Stebbing), *Crossotarsus minax* (Walker), *Eucallacea andamanensis* (Blandford), *Eucallacea fornicatus* (Eichhoff), *Eucallacea interjectus* (Blandford), *Platypus curvus* Strohmeyer, *Platypus indicus* Strohmeyer, *Platypus latifinis* Walker, *Platypus solidus* Walker, *Platypus uncinatus* Blandford.
- Samauea saman**
Doliopygus chapuisi (Duvivier), *Hypothenemus eruditus* Westwood, *Platypus suffodiens* Sampson, *Xyleborus perforans* (Wollaston), *Xyleborinus andrewesi* (Blandford), *Xyleborinus exiguus* (Walker), *Xyleborus spinulosus* Blandford.
- Samauea spp.**
Eucallacea fornicatus (Eichhoff), *Xylosandrus compactus* (Eichhoff).
- Sambucus canadensis**
Hypothenemus eruditus Westwood, *Xylosandrus compactus* (Eichhoff).
- Sambucus chinensis**
Xylosandrus crassiusculus (Motschulsky).
- Sambucus javanica**
Xylosandrus compactus (Eichhoff), *Xylosandrus morigerus* (Blandford).
- Sambucus spp.**
Pityophthorus coronarius Blackman, *Pityophthorus exquisitus* (Blackman), *Pityophthorus pudicus* Blackman, *Pityophthorus sambuci* Blackman, *Xylosandrus compactus* (Eichhoff).
- Sandoricum spp.**
Xylosandrus crassiusculus (Motschulsky).
- Santalum album**
Xyleborus similis Ferrari.
- Santalum spp.**
Ficicis despectus (Walker), *Xylosandrus compactus* (Eichhoff).
- Santiria griffithii**
Crossotarsus terminatus Chapuis, *Cyclorhipidion foersteri* (Hagedorn), *Cyclorhipidion pruinatum* (Blandford).
- Santiria spp.**
Crossotarsus clicus (Schedl).
- Santiria trimera**
Chaetastus montanus Schedl, *Doliopygus santiriae* Roberts, *Platypus santiriae* Roberts, *Triozastus caliginosus* Roberts.
- Sapiidus oahuensis**
Xyleborus lanaiensis Perkins.
- Sapium baccatum**
Platypus lunatipennis Schedl, *Platypus westwoodi* Chapuis.
- Sapium biloculare**
Cnemomyx confinis (Wood).

Sapium ellipticum*Xyleborus scobinatus* Hagedorn.***Sapium eugeniaefolium****Crossotarsus bouvoini* Chapuis, *Eucallacea andamanensis* (Blandford), *Eucallacea sibsagaricus* (Eggers), *Eucallacea tristis* (Eggers), *Eucallacea wallacei* (Blandford), *Xyleborinus subgranulatus* (Eggers).***Sapium guineense****Xyleborus volvulus* (Fabricius).***Sapium manniianum****Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus serratus* (Strohmeyer), *Pityophthorus kirucensis* Schedl, *Platypus solutus* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus principalis* Eichhoff.***Sapium* spp.***Chaetastus tuberculatus* (Chapuis).***Sapium thelocarpum****Scolytodes pumilus* Wood.***Sapota gonocarpa****Dendrocraniulus brasiliensis* (Schedl).***Saraca indica****Cryptocarenum diadematum* Eggers.***Saraca* spp.***Eucallacea andamanensis* (Blandford), *Leptoxyloborus concisus* (Blandford), *Platypus pseudocupulatus* Schedl.***Sarcocephalus cordatus****Diapus quinquespinatus* Chapuis, *Eucallacea interjectus* (Blandford), *Platypus lepidus* Chapuis, *Xyleborus emarginatus* Eichhoff, *Xyleborus fischeri* Hagedorn, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.***Sarcocephalus* spp.***Platypus bajulus* Schedl, *Premnobius cavipennis* Eichhoff, *Premnobius scaxpinosus* Eggers, *Xyleborus alhuandi* Schaufuss, *Xyleborus nitidulus* Eggers.***Sarcocephalus trillesii****Cylindropalpus laudatus* (Schedl), *Doliopygus conradi* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquieri* (Schedl), *Doliopygus lebrunii* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Hypothenemus eruditus* Westwood, *Periommatius longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus colvulus* (Fabricius).***Sarcostemma clausum****Araptus dentifrons* Wood.***Sarothamnus scoparius****Phloeotribus rhododactylus* (Marshall).***Sassafras albidum****Xyleborus sayi* (Hopkins).***Sassafras* spp.***Corthylus punctatissimus* (Zimmermann).***Saurauia pentapetala****Hadrodemius comans* (Sampson).***Scaevola frutescens****Scolytogenes nubilis* (Wood).***Scaphium affine****Crossotarsus wallacei* (Thomson), *Eucallacea fornicatus* (Eichhoff), *Platypus genuinatus* Chapuis, *Platypus insularis* Strohmeyer, *Platypus quadrifissilis* Schedl.***Scaphium* spp.***Anasa striatotruncatus* (Schedl), *Coptodryas nigax* (Schedl), *Crossotarsus terminatus* Chapuis, *Cyclorhi-**pidion agnatum* (Eggers), *Leptoxyloborus concisus* (Blandford), *Platypus westwoodi* Chapuis.***Schefflera aromatica****Cryphalus tenuis* Schedl.***Schefflera manni****Triozastus caliginosus* Roberts.***Schima cordatus****Platypus rethi* Strohmeyer.***Schima noronhai****Crossotarsus edentatus* Beeson, *Platypus bimens* Blandford, *Platypus curvus* Strohmeyer, *Platypus signatus* Chapuis, *Platypus solidus* Walker.***Schima* spp.***Ambrosiodmus apicalis* (Blandford), *Xyleborus seriatus* Blandford.***Schima superba****Ambrosiodmus rubricollis* (Eichhoff), *Xyleborus pfeili* (Ratzeburg), *Xylosandrus discolor* (Blandford).***Schima wallichii****Platypus curvus* Strohmeyer, *Platypus indicus* Strohmeyer, *Platypus solidus* Walker, *Xyleborus schoreae* (Stölbting).***Schinus* spp.***Eucallacea fornicatus* (Eichhoff), *Xylosandrus compactus* (Eichhoff).***Schizolobium excelsum****Chaetastus tuberculatus* (Chapuis).***Schizolobium* spp.***Xyleborus affinis* Eichhoff.***Schizomeria* spp.***Platypus concentriporus* Roberts, *Platypus taldephlebins* Roberts.***Schleicheru oleosa****Diapus molossus* Chapuis, *Eucallacea andamanensis* (Blandford), *Eucallacea fornicatus* (Eichhoff), *Platypus solidus* Walker, *Xylosandrus morigeris* (Blandford).***Schleicheru trijuga****Hypothenemus crudiae* (Panzer), *Platypus solidus* Walker, *Xyleborus perforans* (Wollaston).***Schotia latifolia****Xyleborinus acmidus* (Wollaston).***Schoutenia accrescens****Anasa versicolor* (Sampson), *Crossotarsus squannulatus* Chapuis, *Crossotarsus wallacei* (Thomson).***Schoutenia mastersii****Crossotarsus siporamus* Schedl.***Schoutenia orata****Hypothenemus eruditus* Westwood.***Sclerocarya biffra****Ambrosiodmus eichhoffi* (Schreiner).***Sclerocarya birrea****Xyleborinus sclerocaryae* (Schedl).***Sclerocarya cuffra****Xyleborinus sclerocaryae* (Schedl).***Sclerocarya* spp.***Ambrosiodmus eichhoffi* (Schreiner).***Sclerosperma manni****Coccotrypes congonus* Eggers, *Coccotrypes nigripes* Eggers.***Scolopia brownii****Platypus subgranosus* Schedl.***Scorodocarpus borneensis****Cnestus aterrimus* (Eggers).***Scorodophloeus zenkeri****Chaetastus tuberculatus* (Chapuis), *Cylindropalpus affinis* Strohmeyer, *Cylindropalpus auricomans* (Schau-

fuss), *Cylindropalpus granulatus* (Schedl), *Cylindropalpus laudatus* (Schedl), *Dactylipalpus camerunus* Hagedorn, *Doliopygus chapuisi* (Duvivier), *Doliopygus citri* Schedl, *Doliopygus couradi* (Strohmeyer), *Doliopygus donisi* Schedl, *Doliopygus divaricus* (Schedl), *Doliopygus donisi* Schedl, *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquieri* (Schedl), *Doliopygus lateralis* Schedl, *Doliopygus lateralis* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus maynei* Schedl, *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus notatus* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus punctiventris* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus submarginatus* Schedl, *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Hypothenemus cruditus* Westwood, *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl, *Periommatius incernis* Strohmeyer, *Periommatius longicollis* Chapuis, *Periommatius similis* Strohmeyer, *Periommatius subrobustus* Schedl, *Platypus hüntzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Platypus picinus* Schedl, *Trachyostus aterrimus* (Schaufuss), *Trachyostus decellei* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Trachyostus tomentosus* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborinus polyalthiae* (Schedl), *Xyleborinus similans* (Eggers), *Xyleborinus spinipes* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus althaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus katangensis* Eggers, *Xyleborus picus* (Motschulsky), *Xyleborus ustus* Schedl, *Xyleborus volulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Scottellia coriaceu
Doliopygus obducens Roberts.

Scutia commersonii
Hypothenemus scutiae (Schedl).

Scutia myrtina
Hypothenemus marshalli (Eggers), *Hypothenemus morigerus* (Schedl).

Seaforthia spp.
Coccotrypes dactyliperda (Fabricius).

Sechium edule
Cuesinus degener Wood, *Dendrocranulus declivis* Schedl, *Dendrocranulus gracilis* Wood, *Dendrocranulus limus* Wood, *Dendrocranulus mexicanus* Wood, *Dendrocranulus tardulus* Wood.

Semecarpus anacardium
Crossotarsus externedentatus (Fairmaire), *Xyleborinus artestriatus* (Eichhoff).

Semecarpus curtisii
Coccotrypes cinnamomi (Eggers).

Semecarpus gardneri
Amusa versicolor (Sampson), *Crossotarsus minax* (Walker), *Crossotarsus terminatus* Chapuis.

Semecarpus heterophylla
Platypus bimucus Blandford, *Platypus solidus* Walker.

Semecarpus merrillana
Xyleborus similis Ferrari.

Semecarpus spp.
Diapus quinquespinatus Chapuis.

Senecio erchthitoides
Xyleborinus forficuloides (Schedl).

Senecio erioneuron
Mimioecurus rucenzoricusis (Schedl).

Senecio spp.

Pityophthorus paulus Wood, *Thamniurgus senecionis* Schedl, *Thamniurgus wittei* Eggers.

Sequoia gigantea

Phlocosinus punctatus LeConte.

Sequoia semperirens

Cryphalus pubescens Hopkins, *Phlocosinus eupressi* Hopkins, *Phlocosinus punctatus* LeConte, *Phlocosinus sequoiae* Hopkins.

Sequoia spp.

Phlocosinus bicolor (Brulle), *Phlocosinus thujae* (Perris).

Sericolea spp.

Diapus bilunatus Schedl.

Serjania mexicana

Cuesinus setulosus Blandford, *Stegomerus vulgaris* Wood.

Serjania racemosa

Hypothenemus crudiae (Paizer), *Micracisella serjaniae* Wood.

Serjania spp.

Bothrostermus forcatus (Blackman), *Bothrostermus hirsutus* Wood, *Bothrostermus truncatus* Eichhoff, *Cuesinus degener* Wood, *Cuesinus elegans* Blandford, *Cuesinus gracilis* Blandford, *Cuesinus retifer* Wood, *Cuesinus squamosus* Wood, *Corthylocorus debilis* Wood, *Cryptocarenum diadematus* Eggers, *Cryptocarenum lepidus* Wood, *Eupagioecerus ater* Eggers, *Hypothenemus brunneus* (Hopkins), *Hypothenemus columbi* Hopkins, *Hypothenemus erectus* LeConte, *Hypothenemus indigenus* Wood, *Hypothenemus interstitialis* (Hopkins), *Hypothenemus plumieriae* (Nordlinger), *Hypothenemus seriatus* (Eichhoff), *Hypothenemus solocis* Wood, *Hypothenemus squamosus* (Hopkins), *Hypothenemus teretis* Wood, *Hypothenemus trivialis* Wood, *Mecopelmus zetecki* Blackman, *Micracisella divaricata* Wood, *Micracisella similis* Wood, *Micracisella squamatula* Wood, *Micracisella striata* Wood, *Micracisella vescula* Wood, *Microcorthyphus minimus* Schedl, *Scolytogenes knabi* (Hopkins), *Stegomerus mexicanus* Wood, *Stegomerus vulgaris* Wood, *Tricolus badius* Wood, *Xylosandrus curtulus* (Eichhoff).

Serjania triquetra

Phlococtribus opimus Wood, *Stegomerus vulgaris* Wood.

Sesbania spp.

Eucallacea xanthopus (Eichhoff), *Xyleborus althaudi* Schaufuss, *Xyleborus principalis* Eichhoff.

Seyara spp.

Platypus agnatus Schedl.

Shiia sieboldii

Xyleborus pelliculosus Eichhoff, *Xyleborus volulus* (Fabricius).

Shiia spp.

Leptoxyleborus concisus (Blandford).

Shorea acuminata

Cuesinus aterrimus (Eggers), *Dendroplatypus impar* (Schedl), *Dryocoetops nitidus* (Schedl), *Xyleborus bidentatus* (Motschulsky), *Xyleborus volulus* (Fabricius).

Shorea assamica

Diapus quinquespinatus Chapuis, *Eucallacea andamanensis* (Blandford), *Eucallacea interjectus* (Blandford), *Genyocerus diaphanus* (Schedl), *Platypus bisignatus* Schedl, *Platypus shoreanus* (Beeson), *Sphaerotrypes sicalikeusis* Stebbing, *Xyleborus perforans* (Wollaston).

Shorea balanocarpoides

Arixyleborus minor (Eggers), *Arixyleborus suturalis* (Eggers), *Webbia quattuordecimspiniatus* Sampson, *Xyleborus ciliatorformis* Schedl, *Xyleborus latus* Eggers.

Shorea bentongensis

Diapus quinquespinatus Chapuis, *Platypus bifurcus* (Schedl), *Platypus curtus* Chapuis, *Platypus lunifer* Schedl.

Shorea bracteolata

Cnestus bicornis (Eggers), *Cyclorhpidion agnatum* (Eggers), *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Genyocerus quadriporus* (Schedl), *Genyocerus serratus* (Schedl), *Hadrodemius comans* (Sampson), *Platypus bifurcus* (Schedl), *Platypus insularis* Strohmeyer, *Platypus shorcanus* (Beeson), *Webbia bicornis* (Schedl), *Xyleborus perforans* (Wollaston), *Xylosandrus ater* (Eggers), *Xylosandrus graiidus* (Blandford), *Xylosandrus mancus* (Blandford).

Shorea curtisii

Anasa versicolor (Sampson), *Coptodryas confusa* (Hopkins), *Coptodryas nugax* (Schedl), *Coptodryas perparva* (Sampson), *Cryptoxyleborus subnaceus* Schedl, *Dendroplatypus impar* (Schedl), *Webbia bituberculatus* Browne, *Webbia duodecimspiniatus* Schedl, *Xyleborus minutus* Blandford, *Xylosandrus crassiusculus* (Motschulsky).

Shorea dasphylla

Dendroplatypus impar (Schedl), *Platypus bifurcus* (Schedl), *Xylosandrus medioeris* (Schedl).

Shorea exima

Taphrodasus percorthylus (Schedl).

Shorea faguetiana

Baiocis angusticeps (Schedl), *Diapus quinquespinatus* Chapuis, *Platypus curtus* Chapuis, *Platypus pseudocurtus* Schedl, *Platytarsulus elongatus* Schedl.

Shorea guiso

Platypus cupulatus Chapuis, *Platypus insularis* Strohmeyer, *Xylosandrus crassiusculus* (Motschulsky).

Shorea gysbertsiana

Cryphalus rugosus (Schedl), *Cryptoxyleborus opacicaudulus* Schedl, *Ptilopodius squamosus* Schedl, *Xyleborinus micrographus* (Schedl).

Shorea hypochra

Genyocerus diaphanus (Schedl).

Shorea kunstleri

Diapus pusillimus Chapuis, *Diapus quinquespinatus* Chapuis.

Shorea laevis

Baiocis pasohensis (Schedl), *Genyocerus exilis* (Schedl), *Genyocerus serratus* (Schedl), *Xyleborus triangi* Schedl.

Shorea lepidota

Dendroplatypus impar (Schedl).

Shorea leprosula

Anasa versicolor (Sampson), *Anasa striatotruncatus* (Schedl), *Arixyleborus granulifer* (Eggers), *Arixyleborus leprosus* Schedl, *Arixyleborus minor* (Eggers), *Arixyleborus scabripennis* (Blandford), *Arixyleborus suturalis* (Eggers), *Baiocis pernamulus* (Schedl), *Cnestus bicornis* (Eggers), *Coccytrypes suberibrosus* (Blandford), *Coptodryas abbreviata* (Schedl), *Coptodryas corporaali* (Eggers), *Coptodryas curvidentis* (Schedl), *Coptodryas nugax* (Schedl), *Coptodryas undulata* (Sampson), *Crossotarsus browni* Schedl, *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus squamulatus* Chapuis, *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Cryptoxyleborus confusus* Browne, *Cryptoxyleborus opacicaudulus* Schedl,

Cyclorhpidion agnatum (Eggers), *Cyclorhpidion armaticeps* (Schedl), *Cyclorhpidion foersteri* (Hagedorn), *Dendroplatypus impar* (Schedl), *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Eccoptypterus gracilipes* (Eichhoff), *Eccoptypterus limbos* Sampson, *Eccoptypterus spinosus* (Olivier), *Eucallacea xanthopus* (Eichhoff), *Ficieis javanus* (Eggers), *Genyocerus biporus* (Schedl), *Genyocerus diaphanus* (Schedl), *Genyocerus laticollis* (Browne), *Genyocerus philippinensis* (Schedl), *Genyocerus serratus* (Schedl), *Hadrodemius comans* (Sampson), *Hypothenemus eucohis* (Schedl), *Hypothenemus eruditus* Westwood, *Leptoxyleborus concisus* (Blandford), *Platypus bifurcus* (Schedl), *Platypus bilopennis* Schedl, *Platypus cupulatus* Chapuis, *Platypus curtus* Chapuis, *Platypus forcifera* Chapuis, *Platypus fraterculus* Schedl, *Platypus hybridus* Schedl, *Platypus impressifrons* Schedl, *Platypus insulindicus* Schedl, *Platypus lepidus* Chapuis, *Platypus pseudocurtus* Schedl, *Platypus quadrifissilis* Schedl, *Platypus solidus* Walker, *Schedlia sumatranus* (Hagedorn), *Sphacrotypes minutus* Browne, *Taphrodasus percorthylus* (Schedl), *Webbia bifornis* Browne, *Webbia cornutus* Schedl, *Webbia cylindricus* Schedl, *Xyleborinus andrececi* (Blandford), *Xyleborus apertus* Schedl, *Xyleborus approximatus* Schedl, *Xyleborus emarginatus* Eichhoff, *Xyleborus javanus* Eggers, *Xyleborus kajanensis* Schedl, *Xyleborus latus* Eggers, *Xyleborus major* (Stebbing), *Xyleborus perforans* (Wollaston), *Xyleborus semistriatus* Schedl, *Xylosandrus ater* (Eggers), *Xylosandrus difficilis* (Eggers), *Xylosandrus mancus* (Blandford), *Xylosandrus morigerus* (Blandford).

Shorea macroptera

Anasa versicolor (Sampson), *Arixyleborus suturalis* (Eggers), *Coptodryas nugax* (Schedl), *Coptodryas perparva* (Sampson), *Cryptoxyleborus opacicaudulus* Schedl, *Cyclorhpidion agnatum* (Eggers), *Dendroplatypus impar* (Schedl), *Genyocerus serratus* (Schedl), *Hypothenemus eruditus* Westwood, *Ptilopodius shorcae* Schedl, *Webbia cornutus* Schedl, *Webbia cylindricus* Schedl, *Webbia micrographus* (Schedl), *Xyleborus approximatus* Schedl, *Xyleborus macropterus* Schedl, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus difficilis* (Eggers), *Xylosandrus mancus* (Blandford).

Shorea materialis

Xyleborus perforans (Wollaston).

Shorea maxicelliana

Coptodryas perparva (Sampson), *Crossotarsus squamulatus* Chapuis, *Genyocerus diaphanus* (Schedl), *Genyocerus philippinensis* (Schedl), *Genyocerus serratus* (Schedl), *Hadrodemius comans* (Sampson), *Platypus cupulatus* Chapuis, *Platypus pseudocupulatus* Schedl, *Webbia bituberculatus* Browne, *Webbia duodecimspiniatus* Schedl, *Webbia suturalis* Browne, *Xyleborus cylindromorphus* Eggers, *Xyleborus haberkornii* Eggers, *Xyleborus pumilus* Eggers, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus mancus* (Blandford).

Shorea multiflora

Coptodryas confusa Hopkins.

Shorea negrosensis

Platypus bifurcus (Schedl).

Shorea ovalis

Anasa versicolor (Sampson), *Arixyleborus granulifer* (Eggers), *Arixyleborus scabripennis* (Blandford), *Cnestus bicornis* (Eggers), *Crossotarsus externedentatus* (Fairmaire), *Dendroplatypus impar* (Schedl),

Leptoxyloborus concisus (Blandford), *Platypus cupulatus* Chapuis, *Xyleborinus andreweesi* (Blandford), *Xyleborinus macropterus* Schedl, *Xylosandrus difficilis* (Eggers).

Shorea orata

Coptodryas perparva (Sampson), *Cryptoxyloborus opacicaudulus* Schedl, *Platypus balanocarpus* Schedl, *Xyleborinus haberkorii* Eggers, *Xylosandrus manicus* (Blandford).

Shorea pauciflora

Ptilopodius squamosus Schedl.

Shorea parrifolia

Amasa versicolor (Sampson), *Arixyleborus scabripennis* (Blandford), *Coptodryas confusa* Hopkins, *Coptodryas quadricostata* (Schedl), *Crossotarsus terminatus* Chapuis, *Cryptoxyloborus nanus* Browne, *Cyclorhipidion sexspinatum* (Schedl), *Dendroplatypus impar* (Schedl), *Diapus quinquespinatus* Chapuis, *Genyocerus biporus* (Schedl), *Genyocerus quadriporus* (Schedl), *Platypus balanocarpus* Schedl, *Platypus bifurcus* (Schedl), *Platypus bilobipennis* Schedl, *Platypus curtus* Chapuis, *Platypus pseudocupulatus* Schedl, *Ptilopodius squamosus* Schedl, *Sphaerotrypes rufopalliatu*s Schedl, *Webbia obtusispinosus* Schedl, *Xyleborinus javanus* Eggers, *Xyleborinus persimilis* Eggers.

Shorea pauciflora

Dendroplatypus impar (Schedl), *Platypus bilobipennis* Schedl, *Platypus curtus* Chapuis, *Platypus pseudocupulatus* Schedl.

Shorea platycarpa

Cryptoxyloborus subnervus Schedl, *Dendroplatypus impar* (Schedl).

Shorea robusta

Amasa schlichii (Stebbing), *Ambrosiodinus minor* (Stebbing), *Coccotrypes carpophagus* (Hornung), *Coccotrypes umbilus* (Blandford), *Coptodryas elegans* (Sampson), *Coptodryas perparva* (Sampson), *Coptodryas recidens* (Sampson), *Coptodryas undulata* (Sampson), *Crossotarsus bouconloiri* Chapuis, *Crossotarsus externedentatus* (Fairmaire), *Cryptoxyloborus turbineus* (Sampson), *Diapus quinquespinatus* Chapuis, *Eccoptyterus spinosus* (Olivier), *Euwallacea andamanensis* (Blandford), *Euwallacea aplanatus* (Wichmann), *Euwallacea bicolor* (Blandford), *Euwallacea interjectus* (Blandford), *Genyocerus furtivus* (Sampson), *Platypus carus* Strohmeier, *Platypus cupulatus* Chapuis, *Platypus curtatus* Sampson, *Platypus curtus* Chapuis, *Platypus perrisi* Chapuis, *Platypus solidus* Walker, *Sphaerotrypes globulus* Blandford, *Sphaerotrypes sivalikensis* Stebbing, *Webbia pabo* Sampson, *Xyleborinus andreweesi* (Blandford), *Xyleborinus artetriatus* (Eichhoff), *Xyleborinus glabratus* Eichhoff, *Xyleborinus haberkorii* Eggers, *Xyleborinus major* (Stebbing), *Xyleborinus micronotulus* Eggers, *Xyleborinus perforans* (Wollaston), *Xyleborinus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus nesuae* (Eggers).

Shorea rugosa

Cyclorhipidion kelantanum (Schedl), *Xyleborinus perforans* (Wollaston), *Xyleborinus persimilis* Eggers.

Shorea scubrida

Cyclorhipidion tuberculosissimum (Eggers).

Shorea scutulata

Ambrosiodinus lantanae (Eggers), *Xyleborinus latecari-natus* Schedl.

Shorea sericea

Platypus curtus Chapuis, *Xyleborinus macropterus* Schedl.

Shorea sideroxylon

Cryphalus substriatus Schedl.

Shorea singkawang

Dendroplatypus impar (Schedl), *Diapus pusillimus* Chapuis, *Platypus bifurcus* (Schedl), *Platypus shoreanus* (Beeson).

Shorea spp.

Anasa schlichii (Stebbing), *Ambrosiodinus restrictus* (Schedl), *Arixyleborus medius* (Eggers), *Arixyleborus okadae* Browne, *Arixyleborus rugosipes* Hopkins, *Arixyleborus scabripennis* (Blandford), *Cnestus suturalis* (Eggers), *Coccotrypes gedeanus* (Eggers), *Coptodryas alpha* (Beeson), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus schedli* Browne, *Crossotarsus squamulatus* Chapuis, *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Cryptoxyloborus naevus* Schedl, *Cryptoxyloborus nanus* Browne, *Cryptoxyloborus shoreae* Browne, *Cryptoxyloborus subnervus* Schedl, *Cyclorhipidion agnatum* (Eggers), *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Eccoptyterus sagittarius* Schedl, *Euwallacea fornicatus* (Eichhoff), *Genyocerus serratus* (Schedl), *Genyocerus sexporus* (Schedl), *Genyocerus shoreae* Browne, *Hadrodennius comans* (Sampson), *Leptoxyloborus concisus* (Blandford), *Leptoxyloborus puer* (Eggers), *Leptoxyloborus scabrior* (Schedl), *Platypus agnatus* Schedl, *Platypus arduus* (Schedl), *Platypus bicaudatus* Browne, *Platypus bifurcus* (Schedl), *Platypus cupulatus* Chapuis, *Platypus curtus* Chapuis, *Platypus decuss* Sampson, *Platypus emarginatus* Browne, *Platypus franciae* Browne, *Platypus histrix* (Schedl), *Platypus longicollis* Browne, *Platypus octospinosus* Browne, *Platypus pseudocupulatus* Schedl, *Platypus punilis* Browne, *Platypus subtruncatus* Browne, *Platypus szechii* Browne, *Platypus transformis* Schedl, *Platypus uncinatus* Blandford, *Scolytoplatypus parvus* Sampson, *Sphaerotrypes incernis* Browne, *Webbia bakoensis* Browne, *Webbia cylindricus* Schedl, *Webbia dasyurus* Browne, *Webbia dipterocarpi* Hopkins, *Webbia multidentatus* Browne, *Webbia platypoides* Eggers, *Webbia quattuordecimspinatus* Sampson, *Webbia simplex* (Browne), *Xyleborinus abscissus* Browne, *Xyleborinus amphieranoides* Hagedorn, *Xyleborinus dolosus* Blandford, *Xyleborinus excavatus* Schedl, *Xyleborinus fallax* Eichhoff, *Xyleborinus granurus* Browne, *Xyleborinus amplexicauda* Hagedorn, *Xyleborinus decumanus* Schedl, *Xyleborinus javanus* Eggers, *Xyleborinus latus* Eggers, *Xyleborinus minutus* Blandford, *Xyleborinus nigrescens* Browne, *Xyleborinus obiensis* Browne, *Xyleborinus perforans* (Wollaston), *Xyleborinus pseudopilifer* Schedl, *Xyleborinus pseudocylindricus* Eggers, *Xyleborinus shoreae* (Stebbing), *Xyleborinus sichus* Schedl, *Xyleborinus trispinatus* Browne, *Xyleborinus tuberculosus* Browne, *Xyleborinus tunggali* Schedl, *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus difficilis* (Eggers), *Xylosandrus manicus* (Blandford).

Shorea sumatraua

Cnestus bicornis (Eggers), *Xyleborinus perminutissimus* (Schedl), *Xyleborinus javanus* Eggers, *Xylosandrus ater* (Eggers), *Xylosandrus compactus* (Eichhoff), *Xylosandrus manicus* (Blandford).

Shorea talura

Diapys talurae Stebbing, *Genjocerus furivus* (Sampson), *Xyleborinus andrewesi* (Blandford).

Shorea teysmanniana

Dendroplatypus inpar (Schedl).

Shorea uliginosa

Arixyleborus scabripennis (Blandford), *Cyclorhynchium agnatum* (Eggers), *Dendroplatypus inpar* (Schedl), *Leptoxyleborus depressus* (Eggers), *Platypus cupulatus* Chapuis, *Platypus curtus* Chapuis, *Tetroplatypus trepanatus* (Chapuis), *Xyleborus apertus* Schedl, *Xyleborus perforans* (Wollaston).

Sicgduum tannifolium

Dendrocraniulus consimilis Wood.

Sida rhombifolia

Hypothenemus erudiae (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus gossypii* (Hopkins), *Hypothenemus seriatus* (Eichhoff), *Thammurgus granulicollis* Schedl, *Xyloctepes sidanus* (Schedl).

Sideroxylon inerme

Xyloctonus maculatus Schedl.

Sideroxylon longepetiolatum

Scolytomimus andamanensis Wood.

Sideroxylon macranthum

Eucallacca bicolor (Blandford), *Xyleborus piccus* (Motschulsky), *Xyleborus similis* Ferrari.

Sideroxylon sandeicensis

Crossotarsus externedentatus (Fairmaire).

Sideroxylon spp.

Chaetastus montanus Schedl.

Simaruba amara

Xyleborus ferrugineus (Fabricius).

Sindora siamensis

Acacasis trahax (Sampson).

Sindora spp.

Diapys quinquespinatus Chapuis, *Platypus forficula* Chapuis, *Platypus sindorae* Brownie.

Siparuna guianensis

Perioeryphalus sobrinus Wood.

Siparuna nicaraguensis

Corthyecyclon aztecum (Bright), *Corthyecyclon tardum* Wood, *Corthylyus procerus* Bright, *Corthylyus serratus* Wood, *Corthylyus tillifer* Wood, *Microcorthylyus inermis* Wood, *Microcorthylyus ocellaris* Wood, *Tricolus inornatus* Wood, *Tricolus senex* Schedl.

Sloanea forbesii

Platypus jansoni Chapuis, *Platypus solidus* Walker.

Sloanea multiflora

Xyleborinus intersectosus (Blandford), *Xyleborus affinis* Eichhoff, *Xyleborus geayi* Hagedorn.

Sloanea spp.

Diapys pusillimus Chapuis, *Xyleborus parvulus* Wood.

Sloetia elongata

Crossotarsus externedentatus (Fairmaire), *Cryphalus substriatus* Schedl, *Hypocryphalus perminimus* (Schedl), *Leptoxyleborus concisus* (Blandford).

Smilax aspera

Chaetoptelius vestitus (Mulsant & Rey).

Smilax china

Cryphalus jeholensis Murayama, *Xylosandrus brevis* (Eichhoff).

Smilax spp.

Chramesus exilis Wood, *Cuesinus strigicollis* LeComte, *Hypothenemus erudiae* (Panzer), *Hypothenemus eruditus* Westwood.

Smithia thymodora

Eucallacca xanthopus (Eichhoff).

Solanum aculeastrum

Coptoborus usagariensis (Eggers), *Cyrtogenius milungensis* (Schedl), *Eucallacca xanthopus* (Eichhoff), *Xyleborinus collarti* (Eggers), *Xyleborus piccus* (Motschulsky), *Xyleborus principalis* Eichhoff.

Solanum flamigni

Eucallacca xanthopus (Eichhoff).

Solanum spp.

Eucallacca xanthopus (Eichhoff), *Xylosandrus compactus* (Eichhoff).

Solanum torrum

Corthylyus comatus Blandford, *Corthylyus retusus* Wood.

Sonneratia apelata

Platypus maritimus Schedl, *Xyleborus bidentatus* (Motschulsky).

Sophora japonica

Ambrosiodinus rubricollis (Eichhoff), *Hypothenemus eruditus* Westwood, *Xylosandrus discolor* (Blandford).

Sorbus alnifolia

Xyleborus dispar (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Sorbus aucuparia

Pteleobius krautzi (Eichhoff).

Sorbus commixta

Cryphalus nabus Niisima, *Polygraphus nigriclytrix* Niisima, *Scolytus ellipticus* Murayama.

Sorbus spp.

Scolytus mali (Bechstein), *Scolytus rugulosus* (Müller), *Trypodendron domesticum* (Linnaeus).

Sorghum saccharatum

Hypothenemus eruditus Westwood.

Sorindeia lemairei

Doliopygus conradi (Strohmeyer), *Polygraphus tropicus* Eggers, *Xyleborus affinis* Eichhoff, *Xyleborus solutus* Schedl, *Xylosandrus crassiusculus* (Motschulsky).

Soroceum illicifolium

Premnobius cavipennis Eichhoff.

Spartium junceum

Liparthrum genistae (Aube), *Phloeotribus cristatus* (Favet), *Phloeotribus pseudocristatus* (Pfeffer), *Phloeotribus rhododactylus* (Marshall), *Phloeotribus sharpi* (Guillebeau).

Spartium scoparium

Hylastinus obscurus (Marshall).

Spartocystus nubigenus

Liparthrum curtum Wollaston.

Spathodea campanulata

Doliopygus crichsoni (Chapuis), *Miocryphalus attenuatus* (Eggers).

Sphaeracula fusciculata

Pseudotlysanoes bartoni Bruck.

Spherostenon spp.

Diapys elongatus Schedl, *Diapys turgidus* Roberts.

Spirostachys africana

Styrcoptinus murex (Blandford).

Spirostachys spp.

Scolytogenes spirostachius (Schedl).

Spondianthus pruesii

Chaetastus tuberculatus (Chapuis), *Diapys quinquespinatus* Chapuis, *Doliopygus dubius* (Sampson), *Hypothenemus morio* (Eggers), *Xyleborus ferrugineus* (Fabricius).

Spondias dulcis

Xyleborus ferrugineus (Fabricius).

Spondias mangifera

Coccotrypes longior (Eggers), *Crossotarsus minax* (Walker), *Diaprus quinquespinatus* Chapuis, *Eucallacea interjectus* (Blandford), *Platypus forficula* Chapuis, *Platypus indicus* Strohmeyer, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

Spondias mombin

Acanthotomicus analogus (Wood), *Acanthotomicus fortis* (Wood), *Acanthotomicus ipsiformis* Wood, *Acanthotomicus mimicus* (Schedl), *Corthylocurus aguacatenis* (Schedl), *Corthylus papulans* Eichhoff, *Doliopygus serratus* (Strohmeyer), *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Styphlosoma granulatum* Blandford, *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus morulus* Blandford, *Xyleborus picus* (Motschulsky), *Xylosandrus laticeps* (Wood).

Spondias purpurea

Corthylocurus barbatus (Blandford), *Corthylus concisus* Wood, *Corthylus papulans* Eichhoff, *Microcorthylus parvulus* Ferrari, *Monarthrum bifoveatum* Wood, *Monarthrum fimbriatiorum* (Blandford), *Monarthrum lobatum* (Ferrari), *Monarthrum robustum* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus posticus* Eichhoff.

***Spondias* spp.**

Crossotarsus externodentatus (Fairmaire), *Eucallacea fornicatus* (Eichhoff), *Platypus jansoni* Chapuis, *Platypus negatus* Schedl, *Xylosandrus compactus* (Eichhoff).

Stachys sylvatica

Thamurgus kaltenbachii (Bach).

***Stachytarpheta* spp.**

Xylosandrus compactus (Eichhoff).

Staphylea trifolia

Phloeotribus scabricollis (Hopkins).

Staudtia gabonensis

Chortastus minimus Hagedorn, *Coccotrypes rotundicollis* (Eggers).

Staudtia stipitata

Chaetastus persimilis (Schedl), *Chaetastus tuberculatus* (Chapuis), *Chortastus camerunus* Schaufuss, *Chortastus medius* Eggers, *Chortastus minimus* Hagedorn, *Cylindropalpus laudatus* (Schedl), *Doliopygus artemispinatus* (Schedl), *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus ghesquieri* (Schedl), *Doliopygus interjectus* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Doliopygus woltschei* Schedl, *Hypothenemus cruditus* Westwood, *Periommatius excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl, *Trachyostus schaufussii* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Xyleborinus gracilipennis* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus nitidulus* Eggers, *Xyleborus rothkirchii* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Stephegyne diversifolia

Ptilopodius stephegyinis Hopkins, *Xyleborus bidentatus* (Motschulsky).

Sterculia alata

Ambrosiodmus finwreni (Lea), *Eucallacea interjectus* (Blandford), *Xyleborinus andrewesi* (Blandford), *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus picus* (Motschulsky).

Sterculia bequaertii

Chaetastus tuberculatus (Chapuis), *Cylindropalpus laudatus* (Schedl), *Doliopygus expletus* Schedl, *Doliopygus ghesquieri* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatius longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Trachyostus schaufussii* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus picus* (Motschulsky).

Sterculia campanulata

Eucallacea interjectus (Blandford), *Platypus jansoni* Chapuis, *Platypus solidus* Walker, *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus pfeili* (Ratzeburg), *Xyleborus pumilus* Eggers, *Xyleborus similis* Ferrari.

Sterculia colorata

Eucallacea sibsagaricus (Eggers), *Eucallacea tristis* (Eggers), *Eucallacea wallacei* (Blandford), *Xylosandrus crassiusculus* (Motschulsky).

Sterculia dawei

Chaetastus tuberculatus (Chapuis).

Sterculia foetida

Platypus forficula Chapuis, *Platypus jansoni* Chapuis, *Platypus pseudocupulatus* Schedl.

Sterculia macrophylla

Crossotarsus inermis Schedl, *Crossotarsus schedli* Browne, *Eucallacea xanthopus* (Eichhoff), *Ficicis despectus* (Walker), *Hypothenemus javanus* (Eggers), *Platypus lepidus* Chapuis, *Platypus pseudocupulatus* Schedl, *Platypus signatus* Chapuis, *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky).

Sterculia oblonga

Chaetastus tuberculatus (Chapuis), *Cylindropalpus auricomans* (Schaufuss), *Diaprus quinquespinatus* Chapuis, *Doliopygus expletus* Schedl, *Doliopygus rapax* (Sampson), *Periommatius pseudomajor* Schedl, *Platypus orientalis* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus ambasiusculus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

Sterculia oruata

Crossotarsus emorsus Beeson, *Eucallacea interjectus* (Blandford), *Platypus secretus* Sampson, *Xyleborus perforans* (Wollaston).

Sterculia pruriens

Hypothenemus teretis Wood.

Sterculia quinqueloba

Doliopygus serratus (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatius excisus* Strohmeyer, *Polygraphus bicolor* Eggers, *Xyleborus affinis* Eichhoff, *Xyleborus ambasiusculus* Eggers, *Xyleborus principalis* Eichhoff, *Xyleborus volvulus* (Fabricius).

Sterculia rhiuopetala

Cylindropalpus auricomans (Schaufuss), *Doliopygus brevis* (Strohmeyer), *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus malkini* Schedl, *Doliopygus pseudoserratus* Roberts, *Doliopygus tenuis* (Strohmeyer), *Periommatius excisus* Strohmeyer, *Periommatius longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Trachyostus atrinimus* (Schaufuss), *Trioastus banghaasi* (Schaufuss), *Xyleborinus similans*

- (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus barambuiensis* Eggers.
- Sterculia spp.**
Ambrosiodinus tropicus (Hagedorn), *Arixyleborus medius* (Eggers), *Diapys nanodontus* Roberts, *Diapys nanus* Schedl, *Diapys papuanus* Schedl, *Diapys pusillimus* Chapuis, *Dryocoetoides cristatus* (Fabricius), *Eucallacea fornicatus* (Eichhoff), *Hypothecenus cruditus* Westwood, *Platypus jansoni* Chapuis, *Platypus verchunatus* (Beeson), *Premnobius catipennis* Eichhoff, *Scolytoplatus occidentalis* Browne, *Xyleborus picus* (Motschulsky).
- Sterculia tragacantha**
Doliopygus conradi (Strohmeyer), *Xyleborus alluaudi* Schauffuss, *Xyleborus picus* (Motschulsky).
- Sterculia urceolata**
Platypus signatus Chapuis.
- Sterculia villosa**
Eucallacea interjectus (Blandford), *Platypus quadri-fissilis* Schedl, *Platypus solidus* Walker, *Xyleborus perforans* (Wollaston), *Xyleborus pumilus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).
- Stereospermum chelenoides**
Platypus solidus Walker.
- Stereospermum neuranthum**
Leptoxyleborus sordicauda (Motschulsky).
- Stereospermum spp.**
Leptoxyleborus sordicauda (Motschulsky).
- Stereospermum suaveolens**
Scolytogenes indicus Wood.
- Storckiella spp.**
Cryphalus striatus Browne.
- Straussia spp.**
Xyleborus ferrugineus (Fabricius), *Xyleborus perforans* (Wollaston).
- Streblus elongatus**
Hadrodennius comans (Sampson).
- Strombosia glaucescens**
Chaetastus persimilis (Schedl), *Chaetastus tuberculatus* (Chapuis), *Cylindropalpus laudatus* (Schedl), *Doliopygus brevis* (Strohmeyer), *Doliopygus citri* Schedl, *Doliopygus conradi* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquieri* (Schedl), *Doliopygus lateralis* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus perlbrevis* Schedl, *Doliopygus propinquus* Schedl, *Doliopygus semipilosus* (Schedl), *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl, *Periommatius longicollis* Chapuis, *Platypus hintzi* Schauffuss, *Platypus impressus* (Strohmeyer), *Platypus intermedius* (Schedl), *Platypus parallelus* (Fabricius), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schauffuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus tolvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).
- Strombosia graudifolia**
Ambrosiodinus oratus (Eggers), *Chaetastus tuberculatus* (Chapuis), *Doliopygus lecomtei* Schedl, *Doliopygus maynei* Schedl, *Doliopygus proximus* Schedl, *Xylocleptes sidanus* (Schedl).
- Strombosia javanica**
Anasa versicolor (Sampson), *Coptodryas mugax* (Schedl).
- Strombosia pustulata**
Chaetastus tuberculatus (Chapuis), *Ctonoxylon spathi-*
- fer* Schedl, *Doliopygus guineensis* Roberts, *Doliopygus interjectus* Schedl, *Periommatius abruptus* Numborg, *Triozastus banghawi* (Schauffuss), *Triozastus elongatus* Schedl, *Xyleborus ambasiusculus* Eggers.
- Strombosia scheffleri**
Dactylipalpus grouellei (Blandford), *Doliopygus bicentatus* (Strohmeyer), *Doliopygus bilobatus* (Schedl), *Doliopygus citri* Schedl, *Doliopygus conradi* (Strohmeyer), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus maynei* Schedl, *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus proximus* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus unicornis* Schedl, *Platypus impressus* (Strohmeyer), *Platypus spinulosus* (Strohmeyer), *Thamurgus grandicollis* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus ferrugineus* (Fabricius).
- Strombosia spp.**
Ambrosiodinus obliquus (LeConte), *Premnobius nodulosus* Hagedorn, *Tiarophorus decellei* Browne, *Triozastus caliginosus* Roberts.
- Strombosia tetrauda**
Cylindropalpus interpositus (Schedl), *Doliopygus citri* Schedl.
- Strombosioopsis spp.**
Ambrosiodinus tropicus (Hagedorn).
- Strombosioopsis tetrauda**
Chaetastus tuberculatus (Chapuis), *Cylindropalpus auricomans* (Schauffuss), *Dendrochilus strombosioopsis* Schedl, *Doliopygus conradi* (Strohmeyer), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquieri* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus strombosioopsis* Schedl, *Doliopygus spectabilis* Schedl, *Eucallacea xanthopus* (Eichhoff), *Platypus hintzi* Schauffuss, *Platypus impressus* (Strohmeyer), *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus picus* (Motschulsky), *Xyleborus strombosioopsis* Schedl, *Xylosandrus crassiusculus* (Motschulsky).
- Struthanthus deppeanus**
Chaetophloeus struthanthi Wood.
- Struthanthus spp.**
Cnesinus elegans Blandford, *Cryptocarenum spatulatus* Wood.
- Struthanthus venetus**
Chaetophloeus struthanthi Wood, *Micracisella monadis* Wood, *Pseudothysanoes vallatus* Wood.
- Strychuos decussata**
Scolytogenes grobleri (Schedl).
- Strychuos nux-romica**
Eucallacea andamanensis (Blandford).
- Strychuos spp.**
Premnobius catipennis Eichhoff.
- Stuartia monodelpha**
Platypus calamus Blandford, *Xyleborus atratus* Eichhoff.
- Styrax benzoin**
Coccotrypes variabilis (Beeson), *Coptodryas recidens* (Sampson), *Crossotarsus fractus* Sampson, *Crossotarsus schedli* Browne, *Crossotarsus wallacei* (Thomson).

- Hypothenemus glabripennis* (Hopkins), *Hypothenemus styrax* (Schedl), *Platypus cupulatus* Chapuis, *Platypus pseudocupulatus* Schedl, *Platypus solidus* Walker, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus manicus* (Blandford).
- Styrax formosumum**
Platypus flectus Nisima & Murayama, *Platypus formosanus* Nisima & Murayama.
- Styrax japonicum**
Crossotarsus niponicus Blandford, *Platypus calanus* Blandford, *Trypodendron pulchellus* (Murayama), *Xyleborus aquilus* Blandford, *Xyleborus atratus* Eichhoff, *Xylosandrus germanus* (Blandford), *Xylosandrus mutilatus* (Blandford).
- Styrax obassia**
Xylosandrus borealis Nobuchii, *Xylosandrus brevis* (Eichhoff).
- Sussonia spp.**
Lanuzgus podocarpit Schedl.
- Sciactenia macrophylla**
Anasa versicolor (Sampson), *Arivyleborus suturalis* (Eggers), *Cnestus aterrimus* (Eggers), *Cnestus bicornioides* (Schedl), *Coccotrypes cyperi* (Beeson), *Coptodryas nugax* (Schedl), *Crossotarsus externidentatus* (Fairmaire), *Crossotarsus fractus* Sampson, *Crossotarsus minax* (Walker), *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Eccoptopterus limbatus* Sampson, *Eccoptopterus sagittarius* Schedl, *Eccoptopterus spinosus* (Olivier), *Hadrodenimus comans* (Sampson), *Hadrodenimus globus* (Blandford), *Hypothenemus birmanus* (Eichhoff), *Hypothenemus cruditus* Westwood, *Hypothenemus glabripennis* (Hopkins), *Platypus carus* Strohmeyer, *Platypus gerstaeckeri* Chapuis, *Platypus platypoides* (Browne), *Xyleborus approximatus* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus haberkornii* Eggers, *Xyleborus javanus* Eggers, *Xyleborus quadrispinosulus* Eggers, *Xyleborus colvulus* (Fabricius), *Xylosandrus ater* (Eggers), *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford), *Xylosandrus gravidus* (Blandford), *Xylosandrus manicus* (Blandford), *Xylosandrus morigerus* (Blandford), *Xylosandrus mutilatus* (Blandford), *Xylosandrus terminatus* (Eggers).
- Sciactenia mahagoni**
Arivyleborus malayensis (Schedl), *Cnestus suturalis* (Eggers), *Eucallalcea quadraticollis* (Eggers), *Scolytoplattypus cutomoides* Blandford, *Xyleborus affinis* Eichhoff, *Xyleborus haberkornii* Eggers, *Xyleborus metacuneolus* Eggers, *Xylosandrus compactus* (Eichhoff), *Xylosandrus discolor* (Blandford), *Xylosandrus gravidus* (Blandford), *Xylosandrus manicus* (Blandford), *Xylosandrus morigerus* (Blandford).
- Sciactenia spp.**
Cnestus magnus Sampson, *Coccotrypes variabilis* (Beeson), *Corthylus minutissimus* Schedl, *Hypothenemus dolosus* Wood, *Scolytoides guyanaensis* (Schedl), *Scolytoides spadix* (Blackman), *Scolytoides swieteniae* (Blackman), *Theoborus ricini* (Eggers), *Xylosandrus compactus* (Eichhoff).
- Swintonia floribunda**
Coccotrypes cyperi (Beeson), *Coccotrypes variabilis* (Beeson), *Coccotrypes vulgaris* (Eggers), *Coptodryas perpallata* (Sampson), *Platypus cupulatus* Chapuis, *Platypus curtus* Chapuis, *Platypus oratus* Strohmeyer, *Platypus solidus* Walker, *Xyleborus fallax* Eichhoff.
- Swintonia specifera**
Eccoptopterus limbatus Sampson, *Platypus oratus* Strohmeyer, *Xylosandrus crassiusculus* (Motschulsky).
- Swintonia wealdicum**
Coccotrypes dactyliperda (Fabricius).
- Syderoxylon spp.**
Mitosoma odonticeps Schedl.
- Symningtonia populnea**
Diapus spatulifer Browne, *Eucallalcea andamanensis* (Blandford).
- Symphonia clusioides**
Polygraphus amoens (Schauffuss).
- Symphonia globulifera**
Dactylipalpus gronovellei (Blandford), *Eucallalcea xanthopus* (Eichhoff), *Phrixosoma minor* Wood, *Phrixosoma obesa* Blackman, *Polygraphus majusculus* Schedl.
- Symphonia spp.**
Diapus malgassicus Schedl, *Mitosoma lobatum* Schedl, *Mitosoma obliquatum* Schedl, *Mitosoma obtusum* Schedl, *Mitosoma paulianum* Schedl, *Platypus malagascariensis* Chapuis, *Xyleborus sakalava* Schedl.
- Symphonia urophylla**
Polygraphus creber Schedl.
- Symplocos lola**
Ambrosiodinus asperatus (Blandford), *Xylosandrus arcuatus* (Sampson).
- Symplocos myrtaceae**
Platypus calanus Blandford.
- Symplocos prunifolia**
Xyleborus colvulus (Fabricius).
- Symplocos spp.**
Ambrosiodinus apicalis (Blandford), *Diameris curcifer* (Walker), *Leptoxyloborus punctatissimus* (Eichhoff), *Platypus signatus* Chapuis, *Xyleborus cancellatus* Eggers, *Xyleborus emarginatus* Eichhoff, *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky).
- Symplocos theaeolia**
Crossotarsus nueli Beeson, *Cyclorhipidion hirtum* (Hagedorn), *Diapus spatulifer* Browne, *Eucallalcea andamanensis* (Blandford), *Eucallalcea wallacei* (Blandford), *Indocryphalus intermedius* (Sampson), *Platypus darjeelingensis* Schedl, *Scolytoplattypus darjeelingi* Stebbing, *Scolytoplattypus raja* Blandford, *Xyleborus eggersi* Beeson, *Xyleborus gratlyi* Wichmann, *Xyleborus hagedornianus* Schedl, *Xyleborus lineatus* Eggers.
- Syncurpiu spp.**
Xylosandrus compactus (Eichhoff).
- Synsepalum dulcificum**
Doliopygus medius Schedl, *Periommatius longicollis* Chapuis, *Xyleborus affinis* Eichhoff.
- Synsepalum longecuneatum**
Cylindropalpus interpositus (Schedl), *Cylindropalpus punilio* (Schedl), *Doliopygus minor* Schedl, *Hypothenemus concolor* Hagedorn, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss.
- Synsepalum spp.**
Ambrosiodinus tropicus (Hagedorn), *Cylindropalpus granulatus* (Schedl), *Prennobiobius catipennis* Eichhoff.
- Synsepalum subcordatum**
Chaetastus tuberculatus (Chapuis), *Cylindropalpus pertinax* (Schedl), *Cylindropalpus pusillus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditus* (Schedl), *Doliopygus tenuis*

- (Strohmeyer), *Doliopygus unicornis* Schedl, *Hypothenemus macrolabii* (Eggers), *Hypothenemus solitarius* (Schedl), *Periommatius excisus* Strohmeyer, *Periommatius substriatus* Strohmeyer, *Phrixosoma psaltes* (Hagedorn), *Platypus hintzi* Schanfuss, *Platypus orientalis* (Strohmeyer), *Platypus solutus* Schedl, *Trachyostus schanfussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus alluaudi* Schanfuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus amietensis* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus multispinatus* Eggers, *Xyleborus principalis* Eichhoff, *Xyleborus volutus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).
- Syringa robusta**
Dryocoetes paldi Stark.
- Syringa spp.**
Hylesinus toranio (Danthione).
- Syringa vulgaris**
Hylesinus crenatus (Fabricius), *Lymantor coryli* (Perris).
- Syzygium congoleuse**
Xyleborinus collarti (Eggers), *Xyleborus tenellus* Schedl.
- Syzygium cordatum**
Chaetastus montanus Schedl.
- Syzygium cumini**
Platypus solidus Walker, *Xyleborus shoreae* (Stebbing), *Xylosandrus crassiusculus* (Motschulsky).
- Syzygium effusum**
Platypus yasiyasi Roberts.
- Syzygium guineensis**
Chaetastus montanus Schedl, *Rhopalopselion congonum* (Schedl).
- Syzygium parvifolium**
Doliopygus erichsoni (Chapuis), *Doliopygus occallescens* Schedl.
- Syzygium spp.**
Baioeis annularis (Schedl), *Coptodryas cafra* (Schedl), *Crossotarsus coxalis* Schedl, *Dendrochilus setifer* (Schedl), *Diapus kuperi* Roberts, *Diapus nebulosus* Roberts, *Diapus papuanus* Schedl, *Diapus pusillinus* Chapuis, *Diapus robustus* Schedl, *Diapus spinifer* Schedl, *Diapus turgidus* Roberts, *Glostatus carinifer* Schedl, *Mesoplatypus kitushi* Schedl, *Mesoplatypus quinquecinctus* (Schedl), *Mimioceurus setifer* (Schedl), *Platypus evanidlinertius* Roberts & Morimoto, *Platypus gilucci* Roberts, *Platypus gongyloides* Roberts & Morimoto, *Platypus muricatus* Roberts, *Platypus partibilis* Roberts & Morimoto, *Platypus praeteritus* Schedl, *Platypus umbrinus* Roberts, *Platypus uniformis* Schedl, *Scolytoplastypus kivuensis* Schedl, *Xyleborinus syzygii* (Schedl).
- Syzygium stuaatii**
Cyclorhaphidion guineense (Eggers).
- Tabebuia donell-smithii**
Xyleborus affinis Eichhoff.
- Tabebuia spp.**
Bothrosternus hirsutus Wood, *Chramesus parvus* Wood, *Dryocoetoides monachus* (Blandford), *Platypus filaris* Wood, *Xylosandrus compactus* (Eichhoff).
- Talauma gioi**
Platypus solidus Walker.
- Talauma hodgsoni**
Platypus cavus Strohmeyer, *Platypus indicus* Strohmeyer.
- Tamarindus indica**
Hypothenemus glabripennis (Hopkins), *Hypothenemus javanus* (Eggers), *Hypothenemus obscurus* (Fabricius).
- Tamarindus spp.**
Eucallacca fornicatus (Eichhoff).
- Tamarix octandra**
Thannurgus brylinskiji Reitter.
- Tamarix spp.**
Trypophloeus klimeschi Eggers.
- Taonabo japonica**
Crossotarsus rangetensis Niisima & Murayama.
- Tapirira marchandii**
Platypus longulus Chapuis.
- Tarema incerta**
Xylosandrus morigerus (Blandford).
- Tarrietia utilis**
Doliopygus bidiscoplatus Roberts, *Doliopygus serratus* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schanfuss, *Xyleborus ferrugineus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).
- Taxodium distichum**
Phloeosinus taxodii taxodii Blackman, *Xylosandrus germanus* (Blandford).
- Taxodium mucronatum**
Phloeosinus taxodii taxodii Wood.
- Taxodium spp.**
Xyleborus affinis Eichhoff.
- Taxus baccata**
Hylastes ater (Paykull), *Scolytoplastypus siomio* Blandford.
- Taxus spp.**
Phloeosinus perlatus Chapuis.
- Tealea nobilis**
Ambrosiodmus albizzianus (Schedl), *Cyclorhaphidion tealeae* (Schedl).
- Tealea spp.**
Trachyostus schanfussi (Strohmeyer), *Xyleborus alluaudi* Schanfuss.
- Tecoma ipe**
Xyleborus affinis Eichhoff.
- Tectona grandis**
Ambrosiodmus minor (Stebbing), *Chaetastus tuberculatus* (Chapuis), *Coccytrypes variabilis* (Beeson), *Crossotarsus emorsus* Beeson, *Crossotarsus minax* (Walker), *Crossotarsus sapanulatus* Chapuis, *Diamerus minor* Eggers, *Diapus quinquespinatus* Chapuis, *Eccoptycterus spinosus* (Olivier), *Eucallacca andamanensis* (Blandford), *Eucallacca destrucens* (Blandford), *Eucallacca fornicatus* (Eichhoff), *Eucallacca interjectus* (Blandford), *Eucallacca velatus* (Sampson), *Hypothenemus eruditus* Westwood, *Hypothenemus gossypii* (Hopkins), *Hypothenemus seriatus* (Eichhoff), *Leptoxyleborus concisus* (Blandford), *Leptoxyleborus sordicauda* (Motschulsky), *Platypus cupulatus* Chapuis, *Platypus errans* (Sampson), *Platypus jansonii* Chapuis, *Platypus lepidus* Chapuis, *Platypus solidus* Walker, *Xyleborinus andrevesi* (Blandford), *Xyleborus fallax* Eichhoff, *Xyleborus haberkorni* Eggers, *Xyleborus hagedornianus* Schedl, *Xyleborus perforans* (Wollaston), *Xyleborus piccus* (Motschulsky), *Xyleborus similis* Ferrari, *Xylosandrus butamali* (Beeson), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus gravidus* (Blandford), *Xylosandrus mancus* (Blandford), *Xylosandrus morigerus* (Blandford), *Xylosandrus subsimilis* (Eggers).

Tectona spp.

Hypothenemus cruditus Westwood, *Platypus bimaculatus* Blandford, *Platypus curvus* Strohmeyer, *Platypus jansoni* Chapuis.

Tenstromia spp.

Diapus bilunatus Schedl.

Tephrosia caudata

Eucallacea fornicatus (Eichhoff), *Xylosandrus discolor* (Blandford).

Tephrosia maxima

Xylosandrus compactus (Eichhoff), *Xylosandrus morigerus* (Blandford).

Tephrosia spp.

Hypothenemus cruditus Westwood, *Xyleborus principalis* Eichhoff, *Xylosandrus morigerus* (Blandford).

Tephrosia rogelii

Cyrtogenius milletiae (Schedl), *Eucallacea fornicatus* (Eichhoff), *Eucallacea xanthopus* (Eichhoff), *Xyleborus alnaudi* Schaufuss, *Xyleborus picus* (Motschulsky), *Xyleborus principalis* Eichhoff, *Xylosandrus morigerus* (Blandford).

Terminalia amazonia

Xyleborus affinis Eichhoff, *Xyleborus rotundus* (Fabricius).

Terminalia arjuna

Crossotarsus minax (Walker), *Sphaerotrypes globulus* Blandford.

Terminalia belerica

Crossotarsus bonvouloiri Chapuis, *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus minax* (Walker), *Diapus quinquespinatus* Chapuis, *Eccoptyterus spinosus* (Olivier), *Eucallacea andamanensis* (Blandford), *Eucallacea bicolor* (Blandford), *Eucallacea interjectus* (Blandford), *Platypus cupulatus* Chapuis, *Platypus latifinis* Walker, *Platypus pseudocupulatus* Schedl, *Platypus secretus* Sampson, *Platypus solidus* Walker, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

Terminalia bialata

Arixyleborus medius (Eggers), *Coccotrypes salakeusis* (Schedl), *Coptodryas redicens* (Sampson), *Diapus quinquespinatus* Chapuis, *Eucallacea bicolor* (Blandford), *Leptoxyleborus concisus* (Blandford), *Xyleborinus andrewesi* (Blandford), *Xyleborinus exiguus* (Walker), *Xyleborus bidentatus* (Motschulsky), *Xyleborus perforans* (Wollaston), *Xyleborus pfeili* (Ratzeburg), *Xyleborus similis* Ferrari.

Terminalia brassii

Diapus pusillimus Chapuis, *Platypus jansoni* Chapuis, *Platypus shoreanus* (Beeson).

Terminalia catappa

Eucallacea fornicatus (Eichhoff), *Platypus curvus* Strohmeyer, *Platypus cupulatus* Chapuis.

Terminalia chebula

Leptoxyleborus sordicanda (Motschulsky), *Xyleborus perforans* (Wollaston).

Terminalia citrina

Xyleborus perforans (Wollaston).

Terminalia complanata

Crossotarsus minusculus Chapuis, *Platypus dibrachiatatus* Roberts, *Platypus fenestrallatus* Roberts, *Platypus gabensis* Schedl, *Platypus paralleliventris* Roberts.

Terminalia conferta

Xyleborus picus (Motschulsky).

Terminalia edulis

Coptoborus terminaliae Hopkins, *Cyclorhupidion terminaliae* Hopkins, *Xyleborus affinis* Eichhoff.

Terminalia guianensis

Scolytopsis orinocanus Wood.

Terminalia icorensis

Acanthotomicus subimmutatus (Schedl), *Chaetastus tuberculatus* (Chapuis), *Doliopygus brevis* (Strohmeyer), *Doliopygus chapuisi* (Duvivier), *Doliopygus dubius* (Sampson), *Doliopygus serratus* (Strohmeyer), *Periommatatus excisus* Strohmeyer, *Periommatatus substriatus* Strohmeyer, *Platypus hintzi* Schaufuss, *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alnaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus conradti* Hagedorn, *Xyleborus eichhoffianus* Schedl, *Xyleborus picus* (Motschulsky), *Xyleborus rotikirchi* Eggers, *Xyleborus subtuberculatus* Eggers, *Xyleborus rotundus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Terminalia manii

Diapus quinquespinatus Chapuis, *Platypus verbeinatus* (Beeson), *Xyleborus perforans* (Wollaston).

Terminalia mantaly

Ambrosiodmus mahafali (Schedl).

Terminalia myriocarpa

Ambrosiodmus lewisi (Blandford), *Ambrosiodmus minor* (Stebbing), *Ambrosiodmus rubricollis* (Eichhoff), *Cnestus suturalis* (Eggers), *Coccotrypes cyprii* (Beeson), *Coccotrypes papuanus* (Eggers), *Coccotrypes vulgaris* (Eggers), *Eucallacea interjectus* (Blandford), *Eucallacea velatus* (Sampson), *Hadrodemus metacomans* (Eggers), *Hadrodemus pseudocomans* (Eggers), *Platypus errans* (Sampson), *Xyleborinus subgranulatus* (Eggers), *Xyleborus haberkorni* Eggers, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford), *Xylosandrus subsimilis* (Eggers).

Terminalia paniculata

Crossotarsus minax (Walker), *Platypus latifinis* Walker, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

Terminalia procerata

Eucallacea bicolor (Blandford), *Leptoxyleborus concisus* (Blandford), *Xyleborinus andrewesi* (Blandford), *Xyleborus perforans* (Wollaston), *Xylosandrus discolor* (Blandford).

Terminalia sepicana

Platypus solidus Walker.

Terminalia spp.

Ambrosiodmus hagedorni (Iglesias), *Ambrosiodmus lecontei* Hopkins, *Ambrosiodmus tropicus* (Hagedorn), *Amphiceranus micans* Wood, *Crossotarsus andamanus* Beeson, *Cryphalus terminaliae* Browne, *Cyrtogenius prepartus* Browne, *Diapus turgidus* Roberts, *Eidophelus borneensis* Browne, *Eucallacea interjectus* (Blandford), *Margadillius fulvus* Browne, *Margadillius terminaliae* Browne, *Mitrosoma excisum* Schaufuss, *Platypus madagascariensis* Chapuis, *Platypus parvus* Browne, *Platypus uncinatus* Blandford, *Premnobius caripennis* Eichhoff, *Taurodemus sharpi sharpi* (Blandford), *Theoborus ricini* (Eggers), *Xyleborinus gracilis* (Eichhoff), *Xyleborus cognatus* Blandford, *Xyleborus glabratus* Browne, *Xyleborus pumilus* Eggers, *Xyleborus shoreae* (Stebbing), *Xyleborus spinulosus* Blandford, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford).

Terminalia superba

Chaetastus tuberculatus (Chapuis), *Cylindropalpus*

- auricomans* (Schaufuss), *Cylindropalpus camerinus* (Schedl), *Diapys quinquepunctatus* Chapuis, *Doliopygus brevis* (Strohmeyer), *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus exilis* (Chapuis), *Doliopygus medius* Schedl, *Doliopygus minimus* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus punctiventris* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Dryocoetoides cristatus* (Fabricius), *Eccoptycterus spinosus* (Olivier), *Hypothenemus concolor* Hagedorn, *Periommatius angustior* Schedl, *Periommatius excisus* Strohmeyer, *Periommatius longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus parallelus* (Fabricius), *Platypus picinus* Schedl, *Premnobius quadrispinosus* Schedl, *Platypus rufescens* (Strohmeyer), *Platypus solutus* Schedl, *Platypus spinulosus* (Strohmeyer), *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborinus similans* (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiuseulus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus scobinatus* Hagedorn, *Xyleborus subasperulus* Eggers, *Xyleborus subtuberculatus* Eggers, *Xyleborinus sharpae* (Hopkins), *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).
- Terminalia tomentosa**
Coccotrypes longior (Eggers), *Coccotrypes nubilis* (Blandford), *Crossotarsus exterudentatus* (Fairmaire), *Crossotarsus minax* (Walker), *Dianerus nigricetosus* Eggers, *Eucallacca andamanensis* (Blandford), *Sphaerotrypes globulus* Blandford, *Platypus forficula* Chapuis, *Platypus solidus* Walker, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus butanali* (Beeson), *Xylosandrus crassiusculus* (Motschulsky).
- Terstroemia gymnathera**
Xyleborus atratus Eichhoff.
- Terstroemia japonica**
Platypus calamus Blandford.
- Tessmannia africana**
Doliopygus chapuisi (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus ghesquieri* (Schedl), *Doliopygus lebrunii* Schedl, *Doliopygus spectabilis* Schedl, *Xylosandrus crassiusculus* (Motschulsky).
- Tessmannia anomala**
Doliopygus conradti (Strohmeyer), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky).
- Tessmannia claessensii**
Doliopygus staneri Schedl.
- Tessmannia spp.**
Premnobius cavipennis Eichhoff.
- Tetradenia konishii**
Crossotarsus rengetensis Niisima & Murayama.
- Tetrameles nudiflora**
Eucallacca andamanensis (Blandford), *Eucallacca interjectus* (Blandford), *Platypus cavius* Strohmeyer, *Platypus curtatus* Sampson, *Platypus indicus* Strohmeyer, *Platypus solidus* Walker, *Xyleborus similis* Ferrari.
- Tetraplasandra spp.**
Xyleborus ferrugineus (Fabricius), *Xyleborus hawaiiensis* Perkins.
- Tetrapleura tetraptera**
Chaetastus tuberculatus (Chapuis), *Cylindropalpus auricomans* (Schaufuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus exilis* (Chapuis), *Doliopygus perbrevis* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicomis* Schedl, *Hypothenemus biseriatus* (Eggers), *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Theoborus ricini* (Eggers), *Trachyostus schoutedeni* (Schedl), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).
- Tetrochidium didymemon**
Platypus spinulosus (Strohmeyer).
- Teucrium pseudoscorodonia**
Thamnuergus delphinii (Rosenhauer).
- Teucrium scorodonia**
Thamnuergus kaltenbachii (Bach).
- Thalia geniculata**
Xyleborus ferrugineus (Fabricius), *Xyleborus fuscus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).
- Thea japonica**
Sphaerotrypes pila Blandford.
- Thea sinensis**
Platypus binucus Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus morigerus* (Blandford).
- Theobroma cacao**
Ambrosiodinus hagedorni (Iglesias), *Amphicranus argutus* Wood, *Amphicranus elegans* Eichhoff, *Amphicranus fulgidus* Wood, *Amphicranus spectabilis* (Wood), *Amphicranus spectus* Wood, *Amphicranus theobroma* Sampson, *Araptus columbianus* (Schedl), *Coccotrypes carpophagus* (Hornung), *Coccotrypes cyprii* (Beeson), *Coptoborus pseudotenius* (Schedl), *Coptoborus tolimanus* (Eggers), *Coptoborus vespatorius* (Schedl), *Coptodryas nuxa* (Schedl), *Corthylocerus tuberculifer* (Eggers), *Corthylyus collaris* Blandford, *Corthylyus concisus* Wood, *Corthylyus papulans* Eichhoff, *Corthylyus pygmaeus* Wood, *Corthylyus sobrius* Wood, *Corthylyus theobromae* Numborg, *Crossotarsus minax* (Walker), *Crossotarsus cafer* Schedl, *Cryphalus theobromae* Numborg, *Cyclorhipidion popondettae* (Browne), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus gracilior* Schedl, *Doliopygus kakaocensis* Schedl, *Doliopygus lefevrei* Schedl, *Dryocoetoides cristatus* (Fabricius), *Dryocoetoides flavus* (Fabricius), *Eucallacca destruens* (Blandford), *Eucallacca fornicatus* (Eichhoff), *Eucallacca interjectus* (Blandford), *Hypothenemus ater* (Eggers), *Hypothenemus atratus* (Schedl), *Hypothenemus concolor* Hagedorn, *Hypothenemus criticus* (Schedl), *Hypothenemus crudiac* (Panzer), *Hypothenemus cruditus* Westwood, *Hypothenemus grandis* Schedl, *Hypothenemus intricatus* (Schedl), *Hypothenemus libericensis* (Hopkins), *Hypothenemus morio* (Eggers), *Hypothenemus obscurus* (Fabricius), *Hypothenemus perlispidus* (Eggers), *Hypothenemus pubipennis* (Eggers), *Hypothenemus serriatus* (Eichhoff), *Hypothenemus setosus* (Eichhoff), *Hypothenemus solitarius* (Schedl), *Hypothenemus suspectus* Wood, *Hypothenemus teretis* Wood, *Microrhipalus attenuatus* (Eggers), *Monarthrum corculum* Wood, *Monarthrum fimbriaticorne* (Blandford), *Platypus deyrollei* Chapuis, *Platy-*

- pus hintzi* Schaulfuss, *Platypus jansoni* Chapuis, *Platypus parallelus* (Fabricius), *Pseudothysanoes atomus* Wood, *Sampsonius dampfi* Schedl, *Scolytogenes samoanus* (Brown), *Taurodennus ebenus* (Wood), *Taurodennus pandulus* (Wood), *Taurodennus perebeae* (Ferrari), *Taurodennus sharpi sharpi* (Blandford), *Taurodennus splendidus* (Schaulfuss), *Taurodennus varians* (Fabricius), *Theoborus coartatus* (Sampson), *Theoborus ricini* (Eggers), *Theoborus theobromae* Hopkins, *Theoborus villosulus* (Blandford), *Tricolus saundersi* Wood, *Xyleborinus andrewesi* (Blandford), *Xyleborinus bicornatulus* (Wood), *Xyleborinus gracilis* (Eichhoff), *Xyleborinus intersetosus* (Blandford), *Xyleborinus protinus* (Wood), *Xyleborinus reconditus* (Schedl), *Xyleborinus subulcatus* (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus africanus* Eggers, *Xyleborus asper* Eggers, *Xyleborus barumbucensis* Eggers, *Xyleborus car-aibicus* Eggers, *Xyleborus commixtus* Blandford, *Xyleborus ferox* Blandford, *Xyleborus ferrugineus* (Fabricius), *Xyleborus ficus* Eggers, *Xyleborus haberkornii* Eggers, *Xyleborus horridulus* Wood, *Xyleborus lacunatus* Wood, *Xyleborus macer* Blandford, *Xyleborus multispinatus* Eggers, *Xyleborus parallelocollis* Eggers, *Xyleborus parallelus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus posticus* Eichhoff, *Xyleborus quadrispinosulus* Eggers, *Xyleborus squamulatus* Eichhoff, *Xyleborus subasperulus* Eggers, *Xyleborus colvulus* (Fabricius), *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford), *Xylosandrus laticeps* (Wood), *Xylosandrus mancus* (Blandford), *Xylosandrus morigerus* (Blandford), *Xylosandrus ursinus* (Hagedorn).
- Theobroma silvestre**
Hypocryphalus obscurus Hopkins.
- Theobroma spp.**
Xyleborus similis Ferrari, *Xylosandrus compactus* (Eichhoff).
- Thespesia populnea**
Enocladus copulenticus (Sampson), *Eucallacea andamanensis* (Blandford), *Hypothenemus cruditus* Westwood, *Hypothenemus seriatus* (Eichhoff).
- Thevetia ureifolia**
Hypothenemus cruditus Westwood.
- Thevetia orata**
Liparthrum thevetiae Wood.
- Thevetia spp.**
Liparthrum craccntis Wood, *Pityophthorus costabilis* Wood, *Pityophthorus costatulus* Wood.
- Thrinax argentinia**
Coccotrypes carpophagus (Hornung).
- Thujopsis dolabrata**
Phloeosinus gifuensis Murayama, *Phloeosinus lewisi* Chapuis, *Phloeosinus rudis* Blandford, *Phloeosinus sanniohensis* Murayama, *Xyleborinus saxeseni* (Ratzeburg).
- Thujopsis spp.**
Phloeosinus perlatus Chapuis.
- Thunbergia grandiflora**
Eucallacea velatus (Sampson).
- Thuja japonica**
Phloeosinus rudis Blandford.
- Thuja occidentalis**
Hypothenemus cruditus Westwood, *Phloeosinus canadensis* Swaine, *Phloeosinus dentatus* (Say), *Phloeosinus punctatus* LeConte.
- Thuja orientalis**
Phloeosinus hopchi Schedl.
- Thuja plicata**
Phloeosinus cupressi Hopkins, *Phloeosinus punctatus* LeConte, *Phloeosinus sequoiae* Hopkins.
- Thuja spp.**
Phloeosinus bicolor (Brulle), *Phloeosinus cristatus* (LeConte), *Phloeosinus henschi* Reitter, *Phloeosinus thujae* (Perris).
- Thuja standishii**
Xyleborus seriatus Blandford.
- Tieghmella hecklii**
Doliopygus bidiscoplanus Roberts.
- Tilia americana**
Pseudothysanoes rigidus (LeConte).
- Tilia amurensis**
Ernoporus tiliae (Panzer), *Eucallacea validus* (Eichhoff), *Scolytus koltzei* Reitter, *Xyleborinus alii* (Niisima).
- Tilia cienserrata**
Pseudothysanoes multispinatus Wood.
- Tilia cordata**
Ernoporus tiliae (Panzer), *Pseudoxylechinus tiliae* (Niisima).
- Tilia cordata japonica**
Crossotarsus niponicus Blandford, *Platypus severini* Blandford, *Hypothenemus sapporoensis* (Niisima), *Xyleborus seriatus* Blandford.
- Tilia intermedia**
Ernoporus caucasicus (Lindemann), *Ernoporus tiliae* (Panzer), *Hylastinus tiliae* Semenov.
- Tilia mandshurica**
Scolytus koltzei Reitter.
- Tilia parvifolia**
Ernoporus caucasicus (Lindemann), *Ernoporus tiliae* (Panzer), *Hylastinus tiliae* Semenov.
- Tilia rubra**
Ernoporus caucasicus (Lindemann).
- Tilia spp.**
Hylesinus erenatus (Fabricius), *Mouarthrum nudi* (Fitch), *Scolytus laevis* Chapuis, *Trypodendron signatum* (Fabricius), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus sayi* (Hopkins).
- Tilia tomentosa**
Ernoporus caucasicus (Lindemann).
- Tiliacora acuminata**
Miniocurus besoni Wood.
- Tococa formicaria**
Xyleborus parcellus Wood.
- Toddalia asiatica**
Eucallacea xanthopus (Eichhoff), *Xyleborus principalis* Eichhoff.
- Toonia calantas**
Xyleborus haddeni Schedl.
- Toonia sinensis**
Leptoxyleborus concisus (Blandford), *Xyleborus haberkornii* Eggers, *Xyleborus picus* (Motschulsky).
- Toonia spp.**
Xylosandrus compactus (Eichhoff).
- Toonia sureni**
Xylosandrus mancus (Blandford).
- Torrubia longifolia**
Dendrosinus bourreriae Schwarz, *Hypothenemus squamosus* (Hopkins).
- Touliecia pulvinata**
Xyleborus affinis Eichhoff, *Xyleborus asper* Eggers.
- Tocomita guianensis**
Hypothenemus opacus (Eichhoff).

Toxicolendron spp.

Hypothenemus erectus LeConte, *Hypothenemus indigenus* Wood, *Pityophthorus corruptus* Wood, *Pityophthorus detentus* Wood.

Toxicolendron trichocarpum

Eidophelus imitans Eichhoff.

Toxoxylon pomiferum

Cuesinus strigicollis LeConte.

Trachelospermum asiaticum

Scolytogaeus scolytomimoides (Nobuchi).

Trachylobium narrucosum

Hypothenemus seriatus (Eichhoff).

Trachylobium ferrucosum

Triozastus banghaasi (Schaufuss), *Triozastus marshalli* (Sampson).

Treculia africana

Chaetastus tuberculatus (Chapuis), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus serratus* (Strohmeyer), *Hylesinopsis dubius* Eggers, *Doliopygus erichsoni* (Chapuis), *Pityophthorus treculiae* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Xyleborus alluaudi* Schaufuss.

Trema floridana

Hypothenemus birmanus (Eichhoff), *Hypothenemus brunneus* (Hopkins), *Hypothenemus eruditus* Westwood, *Hypothenemus javanicus* (Eggers), *Hypothenemus seriatus* (Eichhoff).

Trema guineense

Ambrosiodmus aegir (Eggers), *Cyclorhpidion crucipenne* (Schedl), *Doliopygus perbrevis* Schedl, *Hypothenemus biseriatus* (Eggers), *Hypothenemus pubipennis* (Eggers), *Platypus hintzi* Schaufuss, *Platypus spinulosus* (Strohmeyer), *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus consobrinus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus multispinatus* Eggers.

Trema orientalis

Ambrosiodmus artemisulatus (Schedl), *Ambrosiodmus mahafali* (Schedl), *Doliopygus erichsoni* (Chapuis), *Eucallalca xanthopus* (Eichhoff), *Pityophthorus kivuensis* Schedl, *Platypus jansonii* Chapuis, *Xyleborinus quadrispinis* (Schedl), *Xyleborinus spiculatus* (Schaufuss), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus antaisaka* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus principalis* Eichhoff, *Xyleborus subtuberculatus* Eggers, *Xylosandrus morigerus* (Blandford).

Tricalysia viridiflora

Xyleborus kumamotoensis Murayama.

Trichilia arborea

Hypothenemus seriatus (Eichhoff), *Micracis swainci* Blackman.

Trichilia gilgiana

Coccotrypes cylindricus (Eggers), *Doliopygus dubius* (Sampson), *Doliopygus serratus* (Strohmeyer), *Platypus parallelus* (Fabricius), *Triozastus marshalli* (Sampson).

Trichilia heudelotii

Cylindropalpus auricomans (Schaufuss), *Doliopygus brevis* (Strohmeyer), *Doliopygus conradi* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus interjectus* Schedl, *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus serratus* (Strohmeyer), *Periommatius grandis* Schedl, *Periommatius longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Triozastus banghaasi* (Schaufuss), *Triozastus marshalli* (Sampson),

Xyleborinus collarti (Eggers), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus colvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Trichilia lanata

Cylindropalpus pertinax (Schedl), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus conradi* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus interjectus* Schedl, *Platypus hintzi* Schaufuss, *Prenobius quadrispinosus* Schedl, *Scolytoplastypus eichlbannii* Hagedorn, *Triozastus banghaasi* (Schaufuss), *Xyleborus affinis* Eichhoff.

Trichilia pricureana

Doliopygus conradi (Strohmeyer), *Doliopygus glauciquerci* (Schedl), *Doliopygus interjectus* Schedl, *Doliopygus subditivus* (Schedl), *Hypothenemus eruditus* Westwood, *Triozastus elongatus* Schedl, *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus colvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Trichilia propinqua

Cucumonyx vestitus (Eggers), *Xyleborus affinis* Eichhoff.

Trichilia rubescens

Chaetastus tuberculatus (Chapuis), *Doliopygus citri* Schedl, *Doliopygus conradi* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus lefevri* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus trichiliae* Schedl, *Triozastus banghaasi* (Schaufuss), *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins).

Trichilia spp.

Dactylipalpus camerunus Hagedorn, *Doliopygus alternans* (Strohmeyer), *Doliopygus conradi* (Strohmeyer), *Doliopygus interjectus* Schedl, *Doliopygus obducens* Roberts, *Doliopygus serratus* (Strohmeyer), *Mitosoma obliquatum* Schedl, *Mitosoma odonticeps* Schedl, *Mitosoma truncatipennis* Schedl, *Platypus parallelus* (Fabricius), *Prenobius cavipennis* Eichhoff, *Scolytoplastypus occidentalis* Brownie, *Xyleborinus diversus* (Schedl), *Xyleborinus gracilipennis* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus clerodendronae* Schedl, *Xyleborus subtuberculatus* Eggers, *Xyleborus colvulus* (Fabricius).

Trichilia velwitschii

Trachyostus schaufussi (Strohmeyer).

Trichoscypha arborea

Cyclorhpidion daosi (Schedl).

Trichoscypha spp.

Doliopygus chapuisi (Duvivier), *Doliopygus serratus* (Strohmeyer), *Platypus parallelus* (Fabricius).

Tricodendron acuminatum

Mitosoma excisum Schaufuss, *Mitosoma paulianum* Schedl, *Xyleborinus spiculatus* (Schaufuss).

Tridesmostemon cluensisii

Chaetastus persimilis (Schedl), *Cylindropalpus granulatus* (Schedl), *Cylindropalpus pertinax* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus sculpilosus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Hypothenemus criticus* (Schedl), *Hypothenemus eruditus* Westwood, *Mesoplatypus crinaceus* Schedl, *Platypus impressus* (Strohmeyer), *Prenobius quadrispinosus* Schedl, *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus colvulus* (Fabricius).

Tridesmostemon spp.

Prenobius cavipennis Eichhoff.

Trifolium pratense

Hylastinus obscurus (Marshall).

Triopteris jamaicensis*Hypothecinus eruditus* Westwood.**Triplochiton scleroxylo**

Ambrosiodinus neglectus (Schedl), *Chaetastus tuberculatus* (Chapuis), *Clomoxylon flarescens* Hagedorn, *Cylindropalpus auricomus* (Schaufuss), *Cylindropalpus camerianus* (Schedl), *Cylindropalpus punilio* (Schedl), *Cyrtogenus cribripennis* Schedl, *Dianerus imperfectus* Eggers, *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus interjectus* Schedl, *Doliopygus medius* Schedl, *Doliopygus notatus* Schedl, *Doliopygus opifex* (Sampson), *Doliopygus serratus* (Strohmeyer), *Dryococtoides cristatus* (Fabricius), *Hypothecinus eruditus* Westwood, *Hypothecinus pubipennis* (Eggers), *Leptoxyleborus scabrior* (Schedl), *Periommatius excisus* Strohmeyer, *Periommatius grandis* Schedl, *Periommatius longicollis* Chapuis, *Platypus hützi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus parallelus* (Fabricius), *Polygraphus coronatus* Eggers, *Scolytogenes braderi* (Brown), *Trachyostus glaucaensis* Schedl, *Triozastus banghaasi* (Schaufuss), *Xyleborinus diversus* (Schedl), *Xyleborinus similans* (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus eichhoffianus* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus picus* (Motschulsky), *Xyleborus pseudambasius* Schedl, *Xyleborus subtuberculatus* Eggers, *Xyleborus volutus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

Triplochiton spp.*Prennobiobius catipennis* Eichhoff.**Tristania spp.***Anasa opalescens* (Schedl), *Xylosandrus compactus* (Eichhoff).**Tristania whiteana***Xyleborus haberkornii* Eggers, *Xylosandrus manicus* (Blandford).**Triumfetta spp.***Ambrosiodinus oratus* (Eggers), *Hypothecinus grandis* Schedl.**Trochis racemosa***Xyleborus maer* Blandford.**Tsuga chinensis***Sphaerotrypes magnus* Tsai & Yin, *Sphaerotrypes tsugae* Tsai & Yin.**Tsuga diversifolia***Dryocoetes brevipilosus* Murayama.**Tsuga heterophylla**

Dendroctonus pseudotsugae Hopkins, *Dryocoetes autographus* (Ratzeburg), *Gnathotrichus retusus* (LeConte), *Gnathotrichus sulcatus* (LeConte), *Hylurgops reticulatus* Wood, *Phloeosinus punctatus* LeConte, *Pityophthorus pseudotsugae* Swaine, *Platypus iclsoni* Swaine, *Pseudohylesinus granulatus* (LeConte), *Pseudohylesinus nebulosus nebulosus* (LeConte), *Pseudohylesinus sericeus* (Mannerheim), *Pseudohylesinus tsugae* Swaine.

Tsuga mertensiana*Pseudohylesinus dispar dispar* Blackman, *Pseudohylesinus tsugae* Swaine.**Tsuga sieboldii***Crossotarsus niponicus* Blandford, *Eucallucea validus* (Eichhoff).**Tsuga spp.***Cryphalus taiwanus* Schedl, *Gnathotrichus materiarius* (Fitch), *Hylastes nigrinus* (Mannerheim), *Scolytus**tsugae* (Swaine), *Xyleborus dispar* (Fabricius), *Xyleborus sciriatius* Blandford, *Xylocterus politus* (Say)**Tsuga yunnanensis***Xyleborinus saxeni* (Ratzeburg).**Tulasneana spp.***Eucallucea xanthopus* (Eichhoff).**Turpinia latifolia***Eucallucea destruens* (Blandford).**Turpinia nepalensis***Coccotrypes umbilus* (Blandford), *Xyleborus eggersi* Beeson**Turpinia pomifera***Anasa nobilis* (Eggers), *Hadrodemus globus* (Blandford), *Xyleborus caucellatus* Eggers, *Xyleborus fallax* Eichhoff, *Xyleborus haberkornii* Eggers.**Turpinia spp.***Eucallucea andamanensis* (Blandford).**Turraecanthus africana**

Chaetastus tuberculatus (Chapuis), *Coptoborus forficatus* (Schedl), *Cyclorhipidion crucifer* (Hagedorn), *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus ghesquieri* (Schedl), *Doliopygus interjectus* Schedl, *Doliopygus medius* Schedl, *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus wolschei* Schedl, *Dryococtoides cristatus* (Fabricius), *Hypothecinus eruditus* Westwood, *Periommatius excisus* Strohmeyer, *Platypus hützi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus rimulosus* Schedl, *Platypus spinulosus* (Strohmeyer), *Polygraphus granulifer* Eggers, *Prennobiobius mukonyae* (Schedl), *Prennobiobius nodulosus* Hagedorn, *Prennobiobius quadrispinosus* Schedl, *Xyleborinus collarti* (Eggers), *Xyleborinus sharpae* (Hopkins), *Xyleborinus similans* (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus africanus* Eggers, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiipennis* Schedl, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus picus* (Motschulsky), *Xyleborus tenellus* Schedl, *Xyleborus turraecanthus* Schedl, *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky).

Turraecanthus spp.*Ambrosiodinus eichhoffi* (Schreiner), *Prennobiobius catipennis* Eichhoff.**Turraecanthus rignei***Doliopygus uarobiensis* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus picus* (Motschulsky).**Uapaca spp.***Mitosoma obliquatum* Schedl, *Platypus madagascariensis* Chapuis, *Xyleborinus dentellus* (Schedl).**Ulex europaeus***Hylastinus obscurus* (Marshall), *Phloeotribus rhododactylus* (Marshall).**Ulmus americana***Hylocurus rudis* (LeConte).**Ulmus campestris***Hylesinus elatus* Niiisima, *Hyorrhynchus levisi* Blandford, *Pteleobius kraatzii* (Eichhoff), *Pteleobius vittatus* (Fabricius), *Scolytus chikisanii* Niiisima, *Scolytus frontalis* Blandford.**Ulmus carpinifolia***Scolytus chikisanii* Niiisima, *Scolytus ccksteini* Butovitsch, *Scolytus jaroschewskii* Scheyrew, *Scolytus centrosus* Scheyrew, *Scolytus zaitzeri* Butovitsch.

Ulmus effusa

Pteleobius kraatzi (Eichhoff), *Pteleobius vittatus* (Fabricius).

Ulmus japonica

Hylesinus elatus Niisima, *Neopteleobius scutulatus* (Blandford), *Scolytus bntovitschi* Stark, *Scolytus chikisanii* Niisima, *Scolytus jacobsoni* (Spessivtsev), *Scolytus pubescens* Stark, *Scolytus semenovi* (Spessivtsev), *Trypodendron signatum* (Fabricius), *Xyleborus atratus* Eichhoff.

Ulmus laciniata

Scolytus chikisanii Niisima, *Scolytus jacobsoni* (Spessivtsev), *Scolytus semenovi* (Spessivtsev).

Ulmus laevis

Scolytus kozikowskii Michalski.

Ulmus laucifolia

Scolytus chelogaster Schedl, *Scolytus squamosus* Yin & Huang.

Ulmus montana

Erioporicus caucasicus (Lindemann), *Pteleobius kraatzi* (Eichhoff), *Pteleobius vittatus* (Fabricius).

Ulmus propinqua

Scolytus bntovitschi Stark, *Scolytus jacobsoni* (Spessivtsev), *Scolytus pubescens* Stark, *Scolytus semenovi* (Spessivtsev), *Scolytus ventrosus* Scheyvrev.

Ulmus pumila

Eucallacea validus (Eichhoff), *Hypothenemus modestus* (Murayama), *Pseudothysanoes mongolica* (Sokanovskii), *Scolytus bntovitschi* Stark, *Scolytus parviclaviger* Yin & Huang, *Sphaerotrypes ulmi* Tsai & Yin.

Ulmus rubra

Trischidius atomus (Hopkins).

***Ulmus* spp.**

Ambrosiodinus apicalis (Blandford), *Corthylus columbianus* Hopkins, *Corthylus punctatissimus* (Zimmermann), *Hylocurus langstoni* Blackman, *Hylogopinus rufipes* (Eichhoff), *Hypothenemus eruditus* Westwood, *Pteleobius kraatzi* (Eichhoff), *Scolytus aratus* Blandford, *Scolytus evisifer* Eichhoff, *Scolytus japonicus* Chapuis, *Scolytus kirschi* Skalitzky, *Scolytus laevis* Chapuis, *Scolytus mali* (Bechstein), *Scolytus multistriatus* (Marsham), *Scolytus pygmaeus* (Fabricius), *Scolytus schaefferi* Semenov, *Scolytus scolytus* (Fabricius), *Scolytus sulcifrons* Rey, *Scolytus trispinosus* Strohmeyer, *Taphrocyclus vilifrons* (Dufour), *Thysanoes berchemiae* Blackman, *Xyleborus atratus* Eichhoff, *Xyleborus eurygraphus* (Ratzeburg), *Xyleborus maiche* (Stark), *Xyleborus pfeili* (Ratzeburg), *Xylosandrus germanus* (Blandford), *Xyloterinus politus* (Say).

Ulmus wallichiana

Scolytus kashmirensis Schedl.

***Umbellularia* spp.**

Hylocurus hirtellus (LeConte).

Uniola paniculata

Hypothenemus californicus Hopkins.

Urena lobata

Hypothenemus eruditus Westwood.

***Urena* spp.**

Hypothenemus eruditus Westwood, *Hypothenemus seriatus* (Eichhoff).

***Urena* spp.**

Xyleborinus saxseni (Ratzeburg).

Urophyllum lyallii

Xyleborus alluandi Schaufuss, *Xylosandrus hirsutipennis* (Schedl).

***Urostigma* spp.**

Cryphalus walkeri (Blandford).

Usanbara occidentalis

Pernophorus brevicollis (Strohmeyer).

Vaccinium consanguineum

Corthycyclon aztecum (Bright), *Corthycyclon tardum* Wood, *Corthylus subserratus* Wood.

***Vaccinium* spp.**

Corthylus punctatissimus (Zimmermann).

Vachellia farnesiana

Hypothenemus brunneus (Hopkins).

Valeriana scaudens

Cnestus adustus Schedl.

Valleris haynii

Scolytogenes indicus Wood.

Vanda coerulea

Xylosandrus compactus (Eichhoff), *Xylosandrus morigerus* (Blandford).

***Vanda* spp.**

Xylosandrus compactus (Eichhoff), *Xylosandrus morigerus* (Blandford).

Vanda teres

Xylosandrus compactus (Eichhoff), *Xylosandrus morigerus* (Blandford).

Vanda tricolor

Xylosandrus compactus (Eichhoff), *Xylosandrus morigerus* (Blandford).

Vateria copalifera

Sphaerotrypes cristatus Wood, *Xylosandrus nancus* (Blandford).

Vateria indica

Coccotrypes advena Blandford, *Coccotrypes cardamomi* Schaufuss, *Coccotrypes cyperi* (Beeson), *Coccotrypes variabilis* (Beeson), *Coccotrypes vateriae* (Beeson), *Crossotarsus quadricaudatus* (Strohmeyer), *Eucallacea andamanensis* (Blandford), *Genyocerus furtivus* (Sampson), *Platypus latifinis* Walker, *Platypus suffodiens* Sampson, *Xylosandrus butanali* (Beeson), *Xylosandrus crassiusculus* (Motschulsky).

Vatica heteroptera

Xylosandrus crassiusculus (Motschulsky).

Vatica lanceaefolia

Ambrosiodinus lewisi (Blandford), *Arixyleborus malayensis* (Schedl), *Carchesiopygus assamensis* (Beeson), *Carchesiopygus wallstoni* (Chapuis), *Coptodryas alpha* (Beeson), *Crossotarsus bontouloiri* Chapuis, *Diapus quinquespinatus* Chapuis, *Eucallacea tristic* (Eggers), *Genyocerus furtivus* (Sampson), *Platypus cactus* Strohmeyer, *Platypus curtatus* Sampson, *Platypus decens* Sampson, *Platypus lepidus* Chapuis, *Platypus uncinatus* Blandford, *Sphaerotrypes vaticanus* Beeson, *Xyleborinus subgranulatus* (Eggers), *Xyleborus shoreae* (Stebbing), *Xyleborus similis* Ferrari, *Xylosandrus gravidus* (Blandford).

***Vatica* spp.**

Acacis borneensis Browne, *Cnestus suturalis* (Eggers), *Coptodryas bella* (Sampson), *Coptodryas confusa* Hopkins, *Coptodryas obtusicollis* (Schedl), *Coptodryas perparva* (Sampson), *Cyclorhipidion punctillicolle* (Schedl), *Cyrtogenius vaticae* (Numberg), *Genyocerus biporus* (Schedl), *Genyocerus decemspinatus* (Schedl), *Genyocerus exilis* (Schedl), *Genyocerus serratus* (Schedl), *Leptoxyleborus scabrior* (Schedl), *Ozopemon obanus* Hagedorn, *Platypus artesolidus* Schedl, *Platypus granifer* Schedl, *Platypus minaciator* Schedl, *Platypus sericans* Schedl.

- Sphaerotrypes biseriatus* Schedl. *Sphaerotrypes minutus* Brownie. *Webbia bakonica* Brownie. *Webbia seriatu* (Brownie). *Webbia trepanicauda* (Eggers). *Xyleborus macropterus* Schedl. *Xyleborus muasi* Brownie. *Xyleborus pseudopilifer* Schedl.
- Vatica stapfiana**
Platypus cupulatus Chapuis.
- Vareaea spp.**
Platypus runcinatus Roberts.
- Vepris stolzii**
Doliopygus leferrei Schedl. *Periommatius excisus* Strohmeyer.
- Vepris undulata**
Xyleborinus acmulus (Wollaston).
- Verbena spp.**
Hypothenemus californicus Hopkins.
- Verbesina agricultorum**
Cucisimus annectens Wood. *Hypothenemus erectus* LeComte.
- Verbesina laciniata**
Hypothenemus eruditus Westwood.
- Vernonia amygdalina**
Eucallacea xanthopus (Eichhoff). *Xyleborus alluandi* Schaufuss. *Xyleborus picus* (Motschulsky).
- Vernonia appendiculata**
Eucallacea xanthopus (Eichhoff). *Pityoplithorus madagascariensis* Schedl.
- Vernonia arborea**
Platypus cavus Strohmeyer. *Xyleborus affinis* Eichhoff. *Xylosandrus crassiusculus* (Motschulsky).
- Vernonia auriculifera**
Thammurgus africanus Eggers.
- Vernonia conferta**
Doliopygus erichsoni (Chapuis). *Doliopygus lateralis* Schedl. *Doliopygus medius* Schedl. *Doliopygus minor* Schedl. *Doliopygus perbrevis* Schedl. *Doliopygus rhodesianus* (Schedl). *Eucallacea pandae* (Schedl). *Platypus hintzi* Schaufuss. *Platypus orientalis* (Strohmeyer). *Trachyostus schaufussi* (Strohmeyer). *Xyleborus affinis* Eichhoff. *Xyleborus alluandi* Schaufuss. *Xyleborus ferrugineus* (Fabricius). *Xyleborus solutus* Schedl. *Xyleborus subtuberculatus* Eggers. *Xylosandrus crassiusculus* (Motschulsky).
- Vernonia lasiopis**
Ambrosiodmus aegir (Eggers).
- Vernonia spp.**
Doliopygus brevis (Strohmeyer). *Doliopygus conradti* (Strohmeyer). *Doliopygus perbrevis* Schedl. *Platypus madagascariensis* Chapuis. *Xyleborinus quadrispinosus* (Eichhoff). *Xyleborus bezanozani* Schedl. *Xyleborus principalis* Eichhoff. *Xylosandrus hirsutipennis* (Schedl).
- Veronica arborescens**
Xyleborus adusticollis (Motschulsky).
- Vernonia spp.**
Ambrosiodmus tropicus (Hagedorn). *Hypothenemus grandis* Schedl.
- Viburnum betuloides**
Corthylus punctatissimus (Zimmermann).
- Viburnum dilatatum**
Cryphalus viburni Stark.
- Viburnum spp.**
Xylosandrus brevis (Eichhoff).
- Vigna sinensis**
Hypothenemus eruditus Westwood.
- Villebrunnea spp.**
Xylosandrus morigerus (Blandford).
- Vinea spp.**
Xylosandrus compactus (Eichhoff).
- Virecta multiflora**
Hypothenemus grandis Schedl. *Thammurgus grandicollis* Schedl.
- Virgilia capensis**
Platypus sampsoni (Schedl). *Xyleborinus acmulus* (Wollaston).
- Virgilia oroboides**
Hypocryphalus caplandicus Schedl.
- Virola spp.**
Cucimonyx insignis Wood. *Cucimonyx maculicornis* (Blandford). *Scolytodes declivistriatus* Schedl.
- Virola surinamensis**
Xyleborus grossmanni Schedl.
- Virola warburgii**
Xyleborus asper Eggers. *Xyleborus sparsipilosus* Eggers.
- Viscum album**
Liparthrum bartschii Muhl.
- Vismia cayennensis**
Cucisimus reticulatus Wood.
- Vismia guianensis**
Cucimonyx panamensis (Blandford). *Hypothenemus trivialis* Wood. *Scolytodes cedrae* Wood. *Tesserocerus belti* Sharp. *Xyleborinus intersetosus* (Blandford). *Xyleborus vismiae* Wood.
- Vismia spp.**
Amphicranus terebella Blandford. *Cucimonyx minusculus* (Blandford). *Cucimonyx vismiacoleus* Wood. *Cucisimus lucaris* Wood. *Corthylus abbreviatus* Eichhoff. *Corthylus additus* Wood. *Hypothenemus erectus* LeComte. *Hypothenemus interstitialis* (Hopkins). *Hypothenemus squamosus* (Hopkins). *Sampsonius dampfi* Schedl. *Taurodennus godmani* (Blandford). *Taurodennus sanguinicollis* (Blandford). *Xyleborus ferrugineus* (Fabricius). *Xyleborus volutus* (Fabricius).
- Vitex altissima**
Eucallacea andamanensis (Blandford). *Xylosandrus crassiusculus* (Motschulsky).
- Vitex congolensis**
Doliopygus leferrei Schedl. *Doliopygus rapax* (Sampson).
- Vitex cuneata**
Pernophorus abhorrens Eggers.
- Vitex hildebrandii**
Doliopygus chapuisi (Duvivier).
- Vitex negundo**
Ambrosiodmus rubricollis (Eichhoff).
- Vitex peduncularis**
Eccoptyterus spinosus (Olivier). *Eucallacea andamanensis* (Blandford). *Xyleborus perforans* (Wollaston). *Xyleborus similis* Ferrari.
- Vitex pubescens**
Cucisimus aterrimus (Eggers). *Hypothenemus eruditus* Westwood. *Xyleborus approximatus* Schedl. *Xyleborus haberkornii* Eggers. *Xylosandrus ater* (Eggers). *Xylosandrus manicus* (Blandford). *Xylosandrus pygmaeus* (Eggers).
- Vitex spp.**
Ambrosiodmus triton (Schaufuss). *Crossotarsus minusculi* Chapuis. *Xyleborus perforans* (Wollaston). *Xyleborus similis* Ferrari. *Xylosandrus compactus* (Eichhoff).
- Vitex icheitschii**
Doliopygus medius Schedl.

Vitis discolor*Xyleborus piccus* (Motschulsky).**Vitis spp.***Ambrosiodmus apicalis* (Blandford), *Cnesinus elegans* Blandford, *Cryphalus felis* Wood, *Cryptocarenum leveae* (Hagedorn), *Hypothenemus birmanus* (Eichhoff), *Hypothenemus dissimilis* (Zimmermann), *Hypothenemus interstitialis* (Hopkins), *Hypothenemus jaranus* (Eggers), *Hypothenemus vitis* Browne, *Micracisella nanula* (LeConte), *Premnobius catipennis* Eichhoff, *Xylosandrus compactus* (Eichhoff), *Xylosandrus germanus* (Blandford), *Xylosandrus morigerus* (Blandford).**Vitis vinifera***Hypothenemus eruditus* Westwood, *Xylosandrus discolor* (Blandford).**Walsura robusta***Xyleborus perforans* (Wollaston).**Warburgia ugandensis***Dolopogon nairobiensis* (Schedl).**Washingtonia filifera***Coccotrypes carpophagus* (Hornung), *Coccotrypes dactyliperla* (Fabricius).**Washingtonia sonorae***Coccotrypes dactyliperla* (Fabricius).**Webbia spp.***Hypothenemus eruditus* Westwood.**Weigela hortensis***Xylosandrus brevis* (Eichhoff).**Weinmannia spp.***Xyleborinus cupulatus* (Schedl), *Xyleborinus forficuloides* (Schedl).**Wendlandia bicuspidata***Liparthrum brincki* (Schedl).**Wendlandia tinctoria***Scolytoplatypus minimus* Hagedorn.**Werklia insignis***Corthylus rubricollis* Blandford, *Corthylus serratus* Wood, *Corthylus strigilis* Wood, *Tricolus naevus* Wood.**Whitfordiodendron pubescens***Anasa versicolor* (Sampson), *Coptodryas nugax* (Schedl), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus schedli* Browne, *Crossotarsus squamulatus* Chapuis, *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacci* (Thomson), *Eucallacea fornicatus* (Eichhoff), *Eucallacea limatus* (Schedl), *Eucallacea xanthopus* (Eichhoff), *Platypus insulindicus* Schedl.**Widdringtonia juniperoides***Lamurgus widdringtoniae* Schedl.**Wikstroemia spp.***Xylosandrus compactus* (Eichhoff).**Wistaria floribunda***Hypothenemus kraunhiiae* (Murayama), *Scolytogenes badius* (Nobuchi), *Xyleborus kraunhiiae* Niisima.**Wistaria sinensis***Hypothenemus eruditus* Westwood.**Wistaria spp.***Chramesus wisteriae* Wood, *Hypothenemus eruditus* (Pawzer), *Hypothenemus eruditus* Westwood, *Hypothenemus serratus* (Eichhoff).**Wormia ferruginea***Scolytogenes crenatus* (Sampson).**Wormina triquetra***Crossotarsus minax* (Walker), *Crossotarsus terminatus* Chapuis.**Wrightia tinctoria***Eucallacea andamanensis* (Blandford), *Xylosandrus crassiusculus* (Motschulsky).**Wrightia tomentosa***Platypus errans* (Sampson), *Platypus infuscatus* Browne.**Xanthomyrtus spp.***Diapys nebulosus* Roberts, *Platypus bipyramidus* Roberts & Morimoto, *Platypus caelestis* Roberts & Morimoto, *Platypus cicatricosus* Roberts.**Xanthophyllum affine***Crossotarsus terminatus* Chapuis, *Xylosandrus crassiusculus* (Motschulsky).**Xanthophyllum curtisii***Eucallacea limatus* (Schedl).**Xanthophyllum glaucum***Platypus lepidus* Chapuis.**Xanthophyllum ostrandum***Platypus australis* Chapuis.**Xanthophyllum papuanum***Baetoris unispinosus* Roberts, *Platypus aciculatus* Roberts, *Platypus daedalus* Roberts, *Platypus exanidus* Roberts, *Platypus hebetatus* Roberts, *Platypus indusculus* Roberts, *Platypus pectinatus* Roberts, *Platypus ternus* Roberts, *Platypus turiformis* Roberts & Morimoto, *Platypus vaginervis* Roberts, *Platypus uatutensis* Roberts.**Xanthophyllum spp.***Ambrosiodmus sarawakensis* (Eggers), *Coptodryas nugax* (Schedl), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus schedli* Browne, *Cyrtogenius glaber* (Schedl), *Diapys bispinus* Schedl, *Diapys nanus* Schedl, *Diapys perpygmaeus* Roberts, *Diapys pusillimus* Chapuis, *Eccoptyterus spinosus* (Olivier), *Eucallacea andamanensis* (Blandford), *Eucallacea limatus* (Schedl), *Leptoxyleborus concisus* (Blandford), *Leptoxyleborus punctatissimus* (Eichhoff), *Hyledius xanthophylli* (Browne), *Platypus fraterculus* Schedl, *Platypus jansoni* Chapuis, *Platypus nivalis* Sampson, *Platypus praepositus* Schedl, *Platypus pseudocupulatus* Schedl, *Platypus triangulatus* Browne, *Xyleborus adusticollis* (Motschulsky), *Xyleborus fallax* Eichhoff, *Xyleborus javanus* Eggers, *Xylosandrus assequens* Schedl, *Xylosandrus difficilis* (Eggers).**Xanthostemon pubescens***Xyleborus perforans* (Wollaston).**Xeiopiu spp.***Cryptocarenum lepidus* Wood.**Xerospermum intermedium***Anasa beesoni* (Eggers).**Xerospermum spp.***Crossotarsus schedli* Browne, *Crossotarsus siporamus* Schedl, *Cyclorhizidion sisyrinchium* (Hagedorn), *Platypus protenus* (Schedl), *Xyleborinus pomelianus* (Schedl).**Xylia dolabriformis***Coccotrypes cyperi* (Beeson), *Crossotarsus enorvus* Beeson, *Eucallacea velatus* (Sampson), *Platypus cupulatus* Chapuis, *Platypus signatus* Chapuis, *Xyleborus birmanus* Eggers, *Xyleborus fallax* Eichhoff.**Xylia xylocarpa***Crossotarsus bouvoinoi* Chapuis, *Crossotarsus minax* (Walker), *Eucallacea andamanensis* (Blandford), *Eucallacea fornicatus* (Eichhoff), *Eucallacea interjectus* (Blandford), *Eucallacea velatus* (Sampson), *Leptoxyleborus concisus* (Blandford), *Leptoxyleborus*

- sordida* (Motschulsky); *Platypus signatus* Chapuis.
Xyleborus fallax Eichhoff.
- Xylocarpus gangeticus**
Crossotarsus minusculus Chapuis, *Xyleborus bidentatus* (Motschulsky).
- Xylocarpus granatum**
Platypus binneus Blandford, *Xyleborus bidentatus* (Motschulsky).
- Xylopiia aethiopica**
Doliopygus lefevri Schedl, *Hypothenemus eruditus* Westwood, *Periommatius substratus* Strohmeier, *Platypus hintzi* Schaufuss, *Platypus schenklingi* (Strohmeier), *Xyleborus amercetens* Schedl.
- Xylopiia caudata**
Baioeis angustipennis (Schedl), *Platypus pseudocupulatus* Schedl.
- Xylopiia cordata**
Platypus pseudocupulatus Schedl, *Platypus puerulus* (Schedl), *Platypus westwoodi* Chapuis.
- Xylopiia hypolampa**
Platypus parallelus (Fabricius).
- Xylopiia sericea**
Dryocoetoides flavus (Fabricius).
- Xylopiia spp.**
Doliopygus conradti (Strohmeier), *Periommatius angustior* Schedl, *Periommatius arctocircularis* Schedl, *Platypus hintzi* Schaufuss, *Platypus watutensis* Roberts, *Platypus xanthopus* Schedl, *Premnobius cavipennis* Eichhoff.
- Xylopiia vallotii**
Coccotrypes subovatis Eggers.
- Xylopiia villosa**
Cylindropalpus laudatus (Schedl), *Periommatius bispinus* Strohmeier, *Periommatius grandis* Schedl, *Platypus hintzi* Schaufuss, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufuss* (Strohmeier), *Xyleborus ferrugineus* (Fabricius).
- Xylosma harcaiiense**
Xyleborinus saxeseni (Ratzeburg), *Xyleborus scabratus* Schedl.
- Xylosma monospora**
Cryphalus nyalubombae Schedl, *Doliopygus erichsoni* (Chapuis), *Lanurgus oleaeformis* Schedl, *Xyleborinus acmulus* (Wollaston).
- Xylosma suaveolens**
Xyleborus perforans (Wollaston).
- Yucca spp.**
Cactopinus depressus Bright, *Hypothenemus erudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff), *Pseudothysanoes frondicolens* Wood, *Pseudothysanoes yuccae* (Wood), *Pseudothysanoes yuccavorus* Wood.
- Zanthoxylum flavum**
Ambrosiodinus lecontei Hopkins.
- Zanthoxylum rhetsum**
Euwallacea andamanensis (Blandford).
- Zea mays**
Hypothenemus californicus Hopkins, *Pagiocerus frontalis* (Fabricius).
- Zelkova carpinifolia**
Scolytus ensifer Eichhoff.
- Zelkova formosana**
Xyleborus taiwanensis Browne.
- Zelkova serrata**
Coccotrypes naidaijinensis (Murayama), *Crossotarsus niponicus* Blandford, *Euwallacea validus* (Eichhoff), *Indocryphalus pubipennis* (Blandford), *Ncopteleobius scutulatus* (Blandford).
- Zelkora spp.**
Scolytoplattypus tycon Blandford.
- Zexmenia spp.**
Pityophthorus diligens.
- Zhana golungensis**
Xyleborus alluaudi Schaufuss.
- Zhana spp.**
Xyleborus alluaudi Schaufuss.
- Ziziphus jujuba**
Amasa amputatus (Blandford), *Xylosandrus germanus* (Blandford).
- Zygia spp.**
Amphicranus spectus Wood.

Bibliography Supplement

The following bibliography is a supplement to Wood & Bright (1957: 1–655) and lists only that literature missed by the original volume or published since 1957. While the original intent was to cite the names of all species of Scolytidae and Platypodidae mentioned in this literature, copies of many items could not be found (these are marked by an asterisk [*]) and several others were unintentionally overlooked by indexers for reasons unknown to us.

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Addendum

Nine and one-half years have passed since this catalog was started. During those years significant world events have occurred, some of which have impacted the catalog. Several nations have ceased to exist, while other new ones have come into existence. The consequent changes in names or in new spellings of old names have been of concern. While we have attempted to incorporate many of those changes into the catalog, others have not been included. For example, the recent fragmentation of the former Soviet Union (USSR) into independent republics was not included. We have, however, included most, if not all, of the name changes among African nations. In 1957 it was announced by the news media that French Guiana was to become independent and would be named "Cayenne." On the strength of that announcement, we used the name Cayenne throughout the catalog. Unfortunately, the official change in name has not yet occurred.

The basic text of the catalog, including most notes, but excluding "References," was prepared by SLW. Notes prepared by DEB bear his initials. About half of the host records for Platypodidae and about one-third of those for Xyleborini came from DEB. While most of the literature citations listed under References, published from 1758 to 1959, came from SLW, his files also cover literature to 1972 or 1973 in reasonable detail and are included, as were other incidental references to 1991. Approximately two-thirds of the citations listed under References, published from 1960 to 1991, came from DEB except in *Dendroctonus*, *Ips*, Xyleborini, and Platypodidae, where the percentage of his contributions was substantially higher.

The funds needed for publication of Part 2 of the catalog, both volumes 2A and 2B, came from four sources. Approximately 57 percent came from funds conserved from grants of the U.S. sponsors (USDA and NSF), 34 percent from Canada, 2 percent from Brigham Young University, and 7 percent from S. L. Wood. The Canadian portion of publication support for Part 2 of this catalog was funded by Forestry Canada and the British Columbia Ministry of Forests under the Canada-British Columbia Partnership Agreement on Forest Resource Development: FRDA II (1991-1995). Dr. R. Asselin, Director, CLBRR, Agriculture Canada; Dr. L. Carlson, Deputy Director, Forestry Canada; and Mr. A. Shortreid, Forestry Technology Transfer Officer, Forestry Canada, arranged for and expedited the Canadian funds used for publication.

We regret the spelling error on p. 7 in the Introduction of the name of Derrick Bells.

Family Platypodidae Index

This index includes all Latin names used in this catalog for Platypodidae. Family-group names (family, subfamily, tribe) and names applied below the rank of subspecies (including aberrations, variations, nomen nudums) are given in regular type. Valid names of genera and species are in bold type. The names of synonyms of genera and species, subgeneric names, and subspecific names are given in italics. The names of fossil species are preceded by an asterisk (*). Fossil species are given at the beginning of the index and are also listed alphabetically with other names.

- ° *cylindricus* Burmeister, *Platypus* 1130
 ° *hurdi* Schedl, *Cenocephalus* 1109
 ° *maravignae* Guérin-Menville, *Platypus* 1157
 ° *quadrilobus* Schedl, *Cenocephalus* 1109
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 (= *orientalis*) 1162
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angustidontis Roberts, *Diapus* 1088
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<i>clieus</i> (Schedl). (<i>Platypus</i>). <i>Crossotarsus</i>	1197	<i>cordiger bifrons</i> Chapuis. <i>Platypus</i> (= <i>cordiger</i>)	1125

- cordiger gabensis* Schedl, *Platypus* (=gabensis) 1142
- corniventris* (Schedl), (*Crossotarsus*), *Platypus* 1125
- cornutus* Schedl, *Platypus* 1125
- corporali* Browne, *Spathidicerus* 1101
- corrugatus* Roberts, *Crossotarsus* 1197
- costaricensis* Schedl, *Platypus* 1125
- Costaroplatys* Numberg, (*Platyscapulus*) 1214
- costatus* Nunberg, *Periommatius* 1103
- costatus* Schedl, *Doliopygus* 1227
- costellatus* (Schedl), (*Platypus*), *Platyscapulus* 1215
- costipennis* Schedl, *Platypus* 1125
- coxalis* Schedl, *Crossotarsus* 1197
- crassicornis* Schedl, *Platypus* 1125
- crassiusculus* Schedl, *Platypus* 1129
- crassus* Strohmeier, *Platypus* 1129
- crebrestrigatus* Numberg, *Periommatius*
(=longicollis) 1105
- crenatus* Chapuis, *Platypus* (=australis) 1119
- crenulum* Chapuis, *Mitosoma* 1110
- cribricollis* Blandford, *Platypus* 1129
- erinitus* (Chapuis), (*Crossotarsus*), *Doliopygus* 1227
- Crossotarsariae* Strohmeier (=Crossotarsini) 1113
- Crossotarsinae* Strohmeier (=Crossotarsini) 1113
- Crossotarsini* Strohmeier (=Crossotarsini) 1113
- Crossotarsinulus* Schedl** 1210
- Crossotarsus* Chapuis** 1195
- cultellus* (Schedl), (*Platyscapus*), *Cylindropalpus* 1215
- cupulatus* Schedl, *Platypus* 1129
- cupulatus conjunctus* Schedl, *Platypus*
(=cupulatus) 1129
- cupulatus* Chapuis, *Platypus* 1129
- cupulatus bhuni* Schedl, *Platypus* (=cupulatus) 1129
- cupulatus picus* Schedl, *Platypus* (=cupulatus) 1129
- cupulifer* Wichmann, *Platypus* (=cavus) 1124
- curtatus* Sampson, *Platypus* 1130
- curtus* Chapuis, *Platypus* 1130
- curtus arcecurtus* Schedl, *Platypus* (=curtus) 1130
- curridens* Browne, *Mesoplatypus* 1222
- curridens* Schedl, *Diapus* 1059
- curridens* Schedl, *Platypus* 1130
- cuspidatus* Schedl, *Platypus* 1130
- cyclopus* Chapuis, *Coptonotus* 1054
- Cylindra* Illiger (=Platypus) 1113
- ° *cylindricus* Burmeister, *Platypus* 1130
- cylindrifornis* Reitter, *Platypus* (=cylindrus) 1132
- Cylindropalpus* Strohmeier** 1217
- cylindrus* (Fabricius), (*Bostrichus*), *Platypus* 1130
- cymbiformis* Roberts, *Platypus* 1133
- daedalus* Roberts, *Platypus* 1133
- Damicerus* Spinola (=Tesserocerus) 1097
- dammanus* Beeson, *Crossotarsus* 1197
- darjeelingensis* Beeson, *Platypus*
(=darjeelingensis) 1133
- darjeelingensis* Schedl, *Platypus* 1133
- darlingtoni* Reichardt, *Platypus* 1133
- dasycauda* Browne, *Platypus* 1133
- decellei* Schedl, *Trachyostus* 1211
- decemspinatus* (Schedl), (*Diacavus*), *Genyocerus* 1093
- decens* Sampson, *Platypus* 1133
- deceptor* Wood, *Platypus* 1133
- deceptus* Beeson, *Crossotarsus* (=ursus) 1205
- decliriornatus* (Schedl), (*Platypus*), *Crossotarsus* 1195
- declivis* Sampson, *Platypus* 1133
- declivis* Schedl, *Platyarsulus* 1097
- declivitatis* Schedl, *Platypus* 1133
- decorus* Schedl, *Platypus* 1133
- deductus* Schedl, *Platypus* 1134
- deflectus* Schedl, *Platypus* 1134
- defranatus* Schedl, *Periommatius* 1103
- dejeani* Chapuis, *Platypus* (=parallelus) 1166
- dejeani* Chapuis, *Tesserocerus* (=dewalquei) 1095
- delicatus* (Schedl), (*Crossotarsus*), *Platypus* 1134
- Dendroplatypus* Browne** 1240
- dentatus* Dalman, *Platypus* 1134
- denticollis* Browne, *Platypus* 1134
- denticornis* Dejean, (*Damicerus*), *Tesserocerus*
(=insignis) 1099
- denticulatus* Browne, *Platypus* 1134
- denticulus* Browne, *Crossotarsus* 1195
- dentipennis* Schedl, *Carchesiopygus* 1210
- dentiventris* Browne, *Doliopygus* 1225
- denturus* Browne, *Crossotarsus* 1195
- deperditus* Schedl, *Platypus* 1134
- deplanatus* Wood, *Platypus* 1134
- depressus* Schedl, *Platypus* 1134
- derosus* Schedl, *Crossotarsus* 1195
- deruptus* Schedl, *Doliopygus* 1225
- desectus* Beeson, *Crossotarsus* (=broicnei) 1196
- despectus* Schedl, *Tesserocerus* 1095
- desultor* Schedl, *Platypus* 1134
- detectus* Schedl, *Platypus* 1134
- derius* Schedl, *Platypus* 1134
- dewalquei* Chapuis, *Tesserocerus* 1095
- deyrollei* Chapuis, *Platypus* 1134
- Diacavus* Schedl (=Genyocerus) 1093
- dialiumi* Roberts, *Doliopygus* (=bilobatus) 1225
- diaphanus* (Schedl), (*Diacavus*), *Genyocerus* 1094
- Diapodariae* Strohmeier (=Diapodini) 1055
- Diapodinae* Strohmeier (=Diapodini) 1055
- Diapodini* Strohmeier 1055
- Diapus* Chapuis** 1055
- dibrachiatus* Roberts, *Platypus* 1134
- diductus* Chapuis, *Platypus* 1135
- diegensis* Schaufuss, *Platypus* (=compositus) 1127
- difficilis* Chapuis, *Platypus* (=parallelus) 1167
- diffidens* Schedl, *Platypus* 1135
- diffinis* Schedl, *Platypus* 1135
- digestus* Schedl, *Platypus* 1135
- digitalis* (Chapuis), (*Platypus*), *Neotrachyostus* 1213
- dignatus* Schedl, *Platypus* 1135
- dignus* Schedl, *Platypus* 1135

<i>dimidiatus</i> Chapuis, <i>Platypus</i>	1135	<i>elegans</i> Schedl, <i>Mesoplatypus</i>	1222
<i>dipteroearpi</i> Beeson, <i>Genyocerus</i> (= <i>dipteroearpi</i>)	1094	<i>elongatus</i> Chapuis, <i>Platypus</i>	1137
<i>dipteroearpi</i> Browne, <i>Genyocerus</i>	1094	<i>elongatus</i> Lea, <i>Notoplatypus</i>	1097
<i>dipteroearpi</i> Browne, <i>Platypus</i>	1135	<i>elongatus</i> Numberg, <i>Periommatius</i>	1103
<i>discicollis</i> Chapuis, <i>Platypus</i>	1135	<i>elongatus</i> Schedl, (<i>Stenoplatypus</i>), <i>Platypus</i> (= <i>rufescens</i>)	1177
<i>discipennis</i> Schedl, <i>Platypus</i>	1135	<i>elongatus</i> Schedl, <i>Diapus</i>	1089
<i>disciporus</i> Chapuis, <i>Platypus</i> (= <i>quadridentatus</i>)	1174	<i>elongatus</i> Schedl, <i>Platyarsulus</i>	1097
<i>discoidalis</i> Schedl, <i>Platypus</i>	1135	<i>elongatus</i> Schedl, <i>Triozastus</i>	1220
<i>discolor</i> Beeson, <i>Diapus</i> (= <i>spatulifer</i>)	1092	<i>emancipatus</i> Murayama, <i>Crossotarsus</i>	1195
<i>discolor</i> Blandford, <i>Platypus</i>	1135	<i>emarginatulus</i> Browne, <i>Platypus</i>	1137
<i>discrepanis</i> Schedl, <i>Doliopygus</i> (= <i>divaricus</i>)	1225	<i>emarginatus</i> Chapuis, <i>Platypus</i> (= <i>parallelus</i>)	1166
<i>dispar</i> Schaufuss, <i>Platypus</i> (= <i>hiutzi</i>)	1146	<i>emarginatus</i> Schedl, (<i>Crossotarsus</i>), <i>Platypus</i> (= <i>lunifer</i>)	1155
<i>dispar</i> Schedl, <i>Mitosoma</i>	1110	<i>euleni</i> Schedl, <i>Platypus</i>	1137
<i>dissimilis</i> Chapuis, <i>Platypus</i>	1135	<i>emorsus</i> Beeson, <i>Crossotarsus</i>	1195
<i>dissipabilis</i> Schedl, <i>Platypus</i>	1136	<i>euius</i> Schedl, <i>Platypus</i>	1137
<i>distinctipes</i> Schedl, <i>Platypus</i>	1136	<i>euormis</i> Schedl, <i>Platypus</i>	1137
<i>distinctus</i> (Chapuis), (<i>Platypus</i>), <i>Neotrachyostus</i>	1213	<i>epistomalis</i> Wood, <i>Cenocephalus</i>	1109
<i>distinguendis</i> Schedl, <i>Platypus</i>	1136	<i>equadorensis</i> Schedl, <i>Platypus</i>	1137
<i>divaricus</i> (Schedl), (<i>Crossotarsus</i>), <i>Doliopygus</i>	1225	<i>erichsoni</i> (Chapuis), (<i>Crossotarsus</i>), <i>Doliopygus</i>	1229
<i>diversifrons</i> Browne, <i>Chaetastus</i>	1105	<i>erichsoni</i> Chapuis, <i>Platypus</i> (= <i>parallelus</i>)	1167
<i>diversipennis</i> Schedl, <i>Platypus</i>	1136	<i>ericus</i> Blandford, <i>Tesseroerus</i>	1099
<i>diversiporus</i> Schedl, <i>Platypus</i> (= <i>truncatipennis</i>)	1159	<i>eriaceus</i> Schedl, <i>Mesoplatypus</i>	1222
<i>divisus</i> Browne, <i>Doliopygus</i>	1225	<i>errans</i> (Sampson), (<i>Crossotarsus</i>), <i>Platypus</i>	1137
<i>dobuabe</i> Roberts & Morimoto, <i>Platypus</i>	1136	<i>erraticus</i> Schedl, <i>Platypus</i>	1135
<i>dohrni</i> (Chapuis), (<i>Platypus</i>), <i>Neotrachyostus</i>	1213	<i>eruditus</i> Schedl, <i>Platypus</i> (= <i>secretus</i>)	1179
<i>dolabratus</i> Blandford, <i>Platypus</i>	1136	<i>eugeniae</i> Beeson, <i>Platypus</i> (= <i>eugeniae</i>)	1135
Doliopygus Schedl	1223	<i>eugeniae</i> Schedl, <i>Platypus</i>	1135
<i>dolosus</i> Schedl, <i>Doliopygus</i>	1225	<i>eugestus</i> Wood, <i>Platypus</i>	1135
<i>dolus</i> Schedl, <i>Crossotarsus</i>	1195	<i>eranidiuercius</i> Roberts & Morimoto, <i>Platypus</i>	1135
<i>dolus</i> Schedl, <i>Platypus</i>	1136	<i>eranidus</i> Roberts, <i>Platypus</i>	1135
<i>donisi</i> Schedl, <i>Doliopygus</i>	1225	<i>erersus</i> Wood, <i>Platypus</i>	1135
<i>doonac</i> Beeson, (<i>Crossotarsus</i>), <i>Platypus</i> (= <i>shoreanus</i>)	1151	<i>exaratus</i> Blandford, <i>Platypus</i>	1135
<i>dorsalis</i> Schedl, <i>Platypus</i>	1136	<i>exasperatus</i> Roberts, <i>Doliopygus</i> (= <i>rhodesianus</i>)	1237
<i>dorsatus</i> Schedl, <i>Platypus</i>	1136	<i>excavatus</i> (Sampson), (<i>Crossotarsus</i>), <i>Doliopygus</i>	1229
<i>donci</i> Chapuis, <i>Platypus</i> (= <i>apicalis</i>)	1117	<i>excavatus</i> Chapuis, <i>Platypus</i> (= <i>latifinis</i>)	1152
<i>drescheri</i> Schedl, <i>Platypus</i>	1136	<i>excedens</i> Chapuis, <i>Platypus</i>	1135
<i>dryobalanopsis</i> Browne, <i>Platypus</i>	1136	<i>excellens</i> Schedl, <i>Platypus</i>	1135
<i>dubiosus</i> Schedl, (<i>Crossotarsus</i>), <i>Triozastus</i> (= <i>marshalli</i>)	1221	<i>excisum</i> Schaufuss, <i>Mitosoma</i>	1110
<i>dubiosus</i> Schedl, (<i>Diacatus</i>), <i>Genyocerus</i> (= <i>compactus</i>)	1093	<i>excisus</i> Chapuis, <i>Platypus</i>	1135
<i>dubiosus</i> Schedl, <i>Platypus</i>	1136	<i>excisus</i> Strohmeier, <i>Periommatius</i>	1103
<i>dubius</i> (Sampson), (<i>Crossotarsus</i>), <i>Doliopygus</i>	1225	<i>exilis</i> (Chapuis), (<i>Crossotarsus</i>), <i>Doliopygus</i>	1229
<i>duplicatus</i> Schedl, <i>Platypus</i>	1136	<i>exilis</i> (Schedl), (<i>Diacatus</i>), <i>Genyocerus</i>	1094
<i>duplosignatus</i> Schedl, <i>Platypus</i>	1136	<i>exilis</i> Chapuis, <i>Platypus</i> (= <i>solidus</i>)	1153
<i>duriororus</i> Browne, <i>Platypus</i>	1137	<i>eximius</i> Schedl, <i>Doliopygus</i>	1230
<i>durus</i> Schedl, <i>Platypus</i>	1137	<i>eximius</i> Wood, <i>Platypus</i>	1135
<i>dyerae</i> Browne, <i>Platypus</i>	1137	<i>exitialis</i> Wood, <i>Platypus</i>	1139
<i>echinatus</i> Roberts, <i>Platypus</i>	1137	<i>exitiosus</i> Schedl, <i>Platypus</i>	1139
<i>edentatus</i> Beeson, <i>Crossotarsus</i>	1195	<i>expletus</i> Schedl, <i>Doliopygus</i>	1230
<i>efferatus</i> Schedl, <i>Platypus</i>	1137	<i>exsuperans</i> Beaver, <i>Platypus</i>	1139
<i>effetus</i> Schedl, <i>Platypus</i>	1137	<i>extensus</i> Schedl, <i>Platypus</i>	1139
<i>egregius</i> Schedl, <i>Platypus</i>	1137	<i>externedentatus</i> (Fairmaire), (<i>Platypus</i>), <i>Crossotarsus</i>	1195
<i>elaboratus</i> Schedl, <i>Platypus</i>	1137	<i>externespinulosus</i> (Schedl), (<i>Platypus</i>), <i>Crossotarsus</i>	1199
<i>elegans</i> Chapuis, <i>Tesseroerus</i>	1095	<i>fagacerum</i> Browne, <i>Crossotarsus</i>	1200

- fairmairei* Chapuis, *Crossotarsus* 1200
falcator Beeson, *Platypus* (= *falcatus*) 1139
falcatus Strohmeier, *Platypus* 1139
fallax Schedl, *Platypus* 1139
falsificus (Schedl), (*Crossotarsus*), *Doliopygus* 1230
fastuosus Schedl, (*Platypus*), *Treptoplattypus*
 (= *multiporus*) 1195
feae Schedl, *Platypus* (= *intermedius*) 1149
fecundus (Sampson), (*Platypus*), *Trachyostus* 1211
fecundus ovalis Schedl, *Trachyostus* (= *fecundus*) 1211
fecundus transversus Schedl, *Trachyostus*
 (= *fecundus*) 1211
fenestralis Nümsberg, *Doliopygus*
 (= *coleocephalus*) 1227
fenestrallatus Roberts, *Platypus* 1139
fergussoni Roberts, *Genyocerus* (= *puer*) 1095
ficus Roberts, *Platypus* 1139
filaris Wood, *Platypus* 1139
filiformis (Chapuis), (*Platypus*), *Neotrachyostus* 1213
filipennis Schedl, *Platypus* 1139
firmus Schedl, *Platypus* 1139
fischeri (Strohmeier), (*Crossotarsus*),
Treptoplattypus 1194
flarescens (Strohmeier), (*Crossotarsus*),
Mesoplattypus 1222
flavicornis (Fabricius), *Platypus* 1139
flavicornis Dalman, *Platypus* (= *solutus*) 1154
flavicornis Kugelann, (*Bostrichus*), *Platypus*
 (= *cylindrus*) 1132
flavomaculatus Strohmeier, *Crossotarsus* 1200
flectus Niisima & Murayama, *Platypus* 1140
flexibilis (Schedl), (= *Tesserocephalus*),
Cenocephalus 1109
flexiosus Schedl, *Platypus* 1140
fluminalis Beeson, *Crossotarsus* 1200
foderatus Beeson, *Crossotarsus* (= *inermis*) 1201
foraminosus Schedl, *Platypus* (= *compositus*) 1127
forcipes Wood, *Tesseroceus* 1099
forcipatus Schedl, *Doliopygus* 1230
forcipatus Schedl, *Platypus* 1140
forcipatus Schedl, *Tesseroceus* 1099
forcipes Schedl, *Crossotarsus* 1200
forfex Beeson, *Platypus* (= *uncinatus*) 1190
forficula Chapuis, *Platypus* 1140
forficuloides Schedl, *Platypus* 1141
forficulus (Schedl), (*Tesserocephalus*),
Tesseroceus 1099
formosanus Niisima & Murayama, *Diapus* 1089
formosanus Niisima & Murayama, *Platypus* 1141
formosanus Niisima & Murayama, *Platypus*
 (= *flectus*) 1140
formosanus Strohmeier, *Crossotarsus* 1200
fortis Blandford, *Platypus* (= *dentatus*) 1134
fossulatus Chapuis, *Platypus* 1141
fractinictus Schedl, *Platypus* 1141
fracticornis (Schedl), (*Crossotarsus*), *Platypus* 1141
fractocostis Schedl, *Platypus* 1141
fructus Sampson, *Crossotarsus* 1200
fradei (Tordo), (*Symmeris*), *Chaetastus* 1105
fragmentus Sampson, *Crossotarsus*
 (= *squamulatus*) 1207
fragmentus minor Sampson, *Crossotarsus*
 (= *squamulatus*) 1207
fragosus Schedl, *Platypus* 1141
franciae Browne, *Platypus* (= *franciai*) 1141
franciai Browne, *Platypus* 1141
fratellus Schedl, *Cylindropalpus* (= *granulosus*) 1215
fraterculus Schedl, *Platypus* 1141
froggatti Sampson, *Platypus* 1141
frontalis (Strohmeier), (*Diapus*), *Genyocerus* 1094
frontalis (Blandford), (*Platypus*), *Platyscapulus* 1215
frontebulbifer Schedl, *Platypus* 1141
fronteproductus Schedl, *Tesseroceus* 1099
fugax Schedl, *Platypus* 1142
fukienensis Schedl, *Platypus* (= *calamus*) 1123
fulgens Schedl, *Doliopygus* 1230
fulgens Schedl, *Platypus* 1142
fulgidus Browne, *Platypus* 1142
fulmeki (Schedl), (*Crossotarsus*), *Platypus* 1142
furcatus Blandford, *Platypus* 1142
furtivus (Sampson), (*Diapus*), *Genyocerus* 1096
fuscifrons (Chapuis), (*Platypus*), *Neotrachyostus* 1213
fuscipilosulus (Schedl), (*Crossotarsus*),
Doliopygus 1230
fuscus Chapuis, *Platypus* 1142
gabensis Schedl, *Platypus* 1142
gagates Schedl, *Platypus* 1142
galbulimiae Roberts & Morimoto, *Platypus* 1142
galerus (Schedl), (*Crossotarsus*), *Doliopygus* 1230
garciniae Browne, *Platypus* (= *hamaticollis*) 1144
gebieni Evers, *Tesseroceus* 1099
gemellus (Schedl), (*Crossotarsus*), *Platypus* 1142
geminatus Chapuis, *Platypus* 1142
Genyocerinae Hopkins (= *Diapodini*) 1055
Genyocerus Motschulsky 1093
gerstaeckeri Chapuis, *Platypus* 1142
gestroi Sampson, *Diapus* 1059
ghanaensis Schedl, *Trachyostus* 1211
ghesquierei (Schedl), (*Crossotarsus*), *Doliopygus* 1230
gilweii Roberts, *Platypus* 1143
glaber Schedl, *Doliopygus* 1230
glabratus Roberts, *Platypus* 1143
glocicollis Schedl, *Platypus* 1143
glochideus Roberts & Morimoto, *Platypus* 1143
godmani Blandford, *Platypus* 1143
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gongyloides Roberts, *Platypus* 1143
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gracilicornis (Schedl), (*Crossotarsus*), *Platypus* 1143
gracilior Browne, *Platypus* 1143
gracilior Schedl, *Doliopygus* 1230
gracilis Broun, *Platypus* 1143
gracilis Strohmeier, *Periommatus* 1103

<i>granarius</i> Schedl. <i>Platypus</i>	1143	<i>hirtus</i> Schedl. <i>Platypus</i>	1146
<i>grandiclava</i> Strohmeier. <i>Mesoplatypus</i>	1222	<i>histris</i> (Schedl). (<i>Platyscapus</i>). <i>Platypus</i>	1146
<i>grandiporus</i> Schedl. <i>Platypus</i>	1143	<i>holdhausi</i> Schedl. <i>Platypus</i>	1146
<i>grandis</i> Schedl. <i>Crossotarsus</i> (= <i>minusculus</i>)	1202	<i>hopeae</i> Beeson. <i>Genyocerus</i> (= <i>diaphanus</i>)	1094
<i>grandis</i> Schedl. <i>Mesoplatypus</i>	1222	<i>horishensis</i> Murayama. <i>Platypus</i>	1146
<i>grandis</i> Schedl. <i>Periommatus</i>	1104	<i>horni</i> Schedl. <i>Crossotarsus</i>	1200
<i>granifer</i> Schedl. <i>Platypus</i>	1143	<i>hospes</i> Schedl. <i>Platypus</i>	1146
<i>granosus</i> Browne. <i>Platypus</i>	1143	<i>humilis</i> Browne. <i>Triozastus</i> (= <i>caliginosus</i>)	1220
<i>granulipennis</i> Schedl. <i>Platypus</i>	1144	<i>humilis</i> Chapuis. <i>Platypus</i>	1146
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- pretiosus* Schedl, *Platypus* (= *rugosifrons*) 1177
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<i>priscus</i> (Schedl), (<i>Crossotarsus</i>), <i>Platypus</i> (= <i>deperditus</i>)	1134	<i>pusillimus</i> Chapuis, <i>Diapus</i>	1090
<i>procer</i> (Erichson), (<i>Platypus</i>), <i>Tesseroceris</i>	1100	<i>pusillinus</i> (Chapuis), (<i>Platypus</i>), <i>Platyscapulus</i>	1215
<i>proceridius</i> Schedl, <i>Crossotarsus</i>	1204	<i>pusillus</i> (Schedl) 1952, (<i>Platypus</i>), <i>Cylindropalpus</i>	1219
<i>productus</i> Shuckard, <i>Tesseroceris</i>	1100	<i>pusillus</i> Browne, <i>Platypus</i> (= <i>broenei</i>)	1122
<i>prolongatus</i> Schedl, <i>Doliopygus</i>	1236	<i>pusillus</i> Schedl 1957, (<i>Platyscapulus</i>), <i>Cylindropalpus</i> (= <i>pusillus</i> 1952)	1219
<i>propatulus</i> Schedl, <i>Triozastus</i> (= <i>marshalli</i>)	1221	<i>pusillus</i> Schedl, <i>Cenocephalus</i>	1109
<i>propinquus</i> Schedl, <i>Doliopygus</i>	1236	<i>putzeysi</i> (Chapuis), (<i>Platypus</i>), <i>Neotrachyostus</i>	1214
<i>propinquus</i> Schedl, <i>Platypus</i>	1172	<i>pygmaeolus</i> Schedl, <i>Doliopygus</i>	1236
<i>protenus</i> (Schedl), (<i>Crossotarsus</i>), <i>Platypus</i>	1172	<i>pygmaeus</i> Schedl, <i>Doliopygus</i> (= <i>exilis</i>)	1229
<i>Protohylastes</i> Wood	1054	<i>pygmaeus</i> Schedl, <i>Platypus</i> (= <i>orientalis</i>)	1162
<i>Protoplatypus</i> Wood	1056	<i>Pygodolius</i> Numberg (= <i>Doliopygus</i>)	1223
<i>proxilus</i> Schedl, <i>Doliopygus</i>	1236	<i>quadricaudatulus</i> Schedl, <i>Platypus</i>	1174
<i>proximus</i> Chapuis, <i>Platypus</i> (= <i>parallelus</i>)	1166	<i>quadricaudatus</i> (Strohmeyer), (<i>Platypus</i>), <i>Crossotarsus</i>	1204
<i>proximus</i> Schedl, <i>Doliopygus</i>	1236	<i>quadricinctus</i> Schedl, <i>Platypus</i>	1174
<i>pseudocamerunus</i> Nunberg, <i>Periommatius</i>	1106	<i>quadricornis</i> Schedl, <i>Platypus</i>	1174
<i>pseudocupulatus</i> Schedl, <i>Platypus</i>	1172	<i>quadricornutus</i> Roberts, <i>Platypus</i> (= <i>pulvinatus</i>)	1173
<i>pseudocupulatus arcticus</i> Schedl, <i>Platypus</i> (= <i>pseudocupulatus</i>)	1172	<i>quadricornutus</i> Schedl, <i>Platypus</i> (= <i>trispinosus</i>)	1189
<i>pseudocupulatus siudaiensis</i> Schedl, <i>Platypus</i> (= <i>pseudocupulatus</i>)	1172	<i>quadridens</i> Browne, (<i>Diacarus</i>), <i>Geujocerus</i> (= <i>philippineusis</i>)	1095
<i>pseudocurtus</i> Schedl, <i>Platypus</i>	1172	<i>quadridens</i> Schedl, <i>Platypus</i> (= <i>pini</i>)	1170
<i>pseudodignatus</i> Schedl, <i>Platypus</i>	1172	<i>quadridens</i> Schedl, <i>Tesseroceris</i>	1100
<i>pseudogracilis</i> Nunberg, <i>Periommatius</i>	1106	<i>quadridentatus</i> (Olivier), (<i>Scolytus</i>), <i>Platypus</i>	1174
<i>pseudolongulus</i> Schedl, <i>Platypus</i>	1172	<i>quadrifissilis</i> Schedl, <i>Platypus</i>	1174
<i>pseudomajor</i> Schedl, <i>Periommatius</i>	1106	<i>quadrifoveolatus</i> (Schedl), (<i>Diacarus</i>), <i>Geujocerus</i>	1095
<i>pseudoniponicus</i> Sampson, <i>Crossotarsus</i> (= <i>ursus</i>)	1205	<i>quadrilobus</i> (Blandford), (<i>Platypus</i>), <i>Neotrachyostus</i>	1214
<i>pseudoopacus</i> Schedl, <i>Platypus</i> (= <i>froggatti</i>)	1141	<i>° quadrilobus</i> Schedl, <i>Cenocephalus</i>	1109
<i>pseudoplicatus</i> Schedl, <i>Platypus</i>	1172	<i>quadrirotatus</i> Schedl, <i>Platypus</i>	1174
<i>pseudoporus</i> Schedl, <i>Platypus</i>	1173	<i>quadriporus</i> (Beeson), (<i>Crossotarsus</i>), <i>Platypus</i>	1175
<i>pseudoselysi</i> Schedl, <i>Platypus</i>	1173	<i>quadriporus</i> (Schedl), (<i>Diacarus</i>), <i>Geujocerus</i>	1095
<i>pseudoserriatus</i> Roberts, <i>Doliopygus</i>	1236	<i>quadriporus</i> Schedl, <i>Treptoplatypus</i>	1195
<i>pseudoseverini</i> Nunberg, <i>Periommatius</i>	1106	<i>quadrispinatus</i> Chapuis, <i>Diapus</i>	1091
<i>pseudosindorae</i> Browne, <i>Platypus</i>	1173	<i>quadrispinatus</i> Chapuis, <i>Platypus</i>	1175
<i>pseudosolidus</i> Schedl, <i>Platypus</i>	1173	<i>quadrispinis</i> Browne, <i>Mesoplatypus</i>	1222
<i>pseudotermiatus</i> Schedl, <i>Platypus</i>	1173	<i>quadrispinis</i> Browne, <i>Platypus</i>	1175
<i>psilacanthurus</i> (Beeson), (<i>Crossotarsus</i>), <i>Car-</i> <i>chesiopygus</i>	1210	<i>quadrispinosus</i> Schedl, <i>Diapus</i>	1091
<i>ptochoides</i> Schedl, <i>Platypus</i>	1173	<i>quaesitus</i> Schedl, <i>Platypus</i>	1175
<i>puer</i> (Schedl), (<i>Diapus</i>), <i>Geujocerus</i>	1095	<i>queenslandi</i> Schedl, <i>Platypus</i>	1175
<i>puer fergussoni</i> Roberts, <i>Geujocerus</i> (= <i>puer</i>)	1095	<i>querceus</i> Wood, <i>Platypus</i>	1175
<i>puer puer</i> (Schedl), (<i>Diapus</i>), <i>Geujocerus</i> (= <i>puer</i>)	1095	<i>querci</i> Browne, <i>Platypus</i>	1175
<i>puerulus</i> (Schedl), (<i>Crossotarsus</i>), <i>Platypus</i>	1173	<i>quercicola</i> Schedl, <i>Platypus</i>	1175
<i>puerulus parvulus</i> Schedl, (<i>Crossotarsus</i>), <i>Platypus</i> (= <i>puerulus</i>)	1173	<i>quercinus</i> Schedl, <i>Platypus</i>	1175
<i>pulchellus</i> (Chapuis), (<i>Platypus</i>), <i>Platyscapulus</i>	1215	<i>quercivorus</i> Murayama, <i>Platypus</i>	1175
<i>pulchellus</i> Schedl, <i>Cenocephalus</i>	1109	<i>quinquecinctus</i> (Schedl), (<i>Doliopygus</i>), <i>Mesoplatypus</i>	1222
<i>pulchellus minor</i> Schedl, <i>Cenocephalus</i> (= <i>pulchellus</i>)	1109	<i>quinquecinctus cachani</i> Schedl, (<i>Doliopygus</i>), <i>Mesoplatypus</i> (= <i>quinquecinctus</i>)	1222
<i>pulcher</i> (Chapuis), (<i>Platypus</i>), <i>Platyscapulus</i>	1215	<i>quinquecostatus</i> Chapuis, <i>Platypus</i>	1175
<i>pulicaris</i> Chapuis, <i>Platypus</i>	1173	<i>quinquespinatus</i> Chapuis, <i>Diapus</i>	1091
<i>pulvinatus</i> Roberts & Morimoto, <i>Platypus</i>	1173	<i>quinquespinatus</i> Nunberg, <i>Periommatius</i>	1106
<i>pumilio</i> (Schedl), (<i>Platyscapus</i>), <i>Cylindropalpus</i>	1219	<i>ramali</i> Schedl, <i>Platypus</i>	1176
<i>pumilus</i> Browne, <i>Platypus</i>	1174	<i>ramosissimus</i> Roberts & Morimoto, <i>Platypus</i>	1176
<i>punctatus</i> Strohmeyer, <i>Trachyostus</i> (= <i>nobilis</i>)	1212	<i>ramulosus</i> Roberts & Morimoto, <i>Platypus</i>	1176
<i>punctiventris</i> Schedl, <i>Doliopygus</i>	1236		
<i>punctulatus</i> Chapuis, <i>Platypus</i> (= <i>parallelus</i>)	1167		

<i>rapax</i> (Sampson), <i>Doliopygus</i>	1236	<i>saltatorinus</i> (Schedl), (<i>Platypus</i>), <i>Crossotarsus</i>	1205
<i>rasilis</i> Roberts, <i>Crossotarsus</i>	1205	<i>salvini</i> Blandford, <i>Platypus</i>	1177
<i>rasilis</i> Schedl, <i>Platypus</i>	1176	<i>sampsoni</i> Browne, <i>Crossotarsus</i> (= <i>trachypennis</i>)	1205
<i>rastellus</i> Beeson, <i>Crossotarsus</i>	1205	<i>sampsoni</i> (Schedl), (<i>Stenoplatypus</i>), <i>Platypus</i>	1177
<i>ratzeburgi</i> Chapuis, <i>Platypus</i>	1176	<i>sandakanensis</i> Browne, <i>Platypus</i>	1175
<i>raucus</i> Schedl, <i>Platypus</i>	1176	<i>sandakanus</i> Beeson, (<i>Crossotarsus</i>), <i>Platypus</i> (= <i>subdepressus</i>)	1185
<i>rectangulatus</i> Sampson, <i>Platypus</i> (= <i>uncinatus</i>)	1191	<i>santacruzensis</i> Mutchler, <i>Platypus</i>	1175
<i>refertus</i> Schedl, <i>Platypus</i> (= <i>orientalis</i>)	1162	<i>santiriae</i> Roberts, <i>Doliopygus</i>	1237
<i>refertus lomacnis</i> Roberts, <i>Platypus</i> (= <i>orientalis</i>)	1163	<i>santiriae</i> Roberts, <i>Platypus</i>	1175
<i>refertus montanus</i> Schedl, <i>Platypus</i> (= <i>orientalis</i>)	1163	<i>sarawakensis</i> (Schedl), <i>Platypus</i>	1175
<i>refertus vogelii</i> Roberts, <i>Platypus</i> (= <i>orientalis</i>)	1163	<i>saunderi</i> Chapuis, <i>Crossotarsus</i> (= <i>externedentatus</i>)	1199
<i>refractus</i> Roberts & Morimoto, <i>Platypus</i>	1176	<i>saunderi submontanus</i> Beeson, <i>Crossotarsus</i> (= <i>externedentatus</i>)	1199
<i>regularis</i> Chapuis, <i>Platypus</i> (= <i>parallelus</i>)	1166	<i>saunderi usambariensis</i> Strohmeier, <i>Crossotarsus</i> (= <i>externedentatus</i>)	1199
<i>regularis</i> Schedl, <i>Doliopygus</i>	1237	<i>sauteri</i> (Strohmeier), (<i>Crossotarsus</i>), <i>Crossotarsiniidus</i>	1210
<i>reichei</i> Chapuis, <i>Platypus</i>	1176	<i>scalaris</i> Schedl, <i>Platypus</i>	1175
<i>rengensis</i> Niisima & Murayama, <i>Crossotarsus</i>	1205	<i>scalptor</i> Schedl, <i>Platypus</i>	1175
<i>reticulatus</i> Chapuis, <i>Platypus</i> (= <i>parallelus</i>)	1166	<i>schaufussi</i> (Strohmeier), (<i>Platypus</i>), <i>Trachyostus</i>	1212
<i>retusipennis</i> Schedl, <i>Platypus</i>	1176	<i>schaufussi major</i> Schedl, <i>Trachyostus</i> (= <i>schaufussi</i>)	1212
<i>retusulus</i> Schedl, <i>Platypus</i>	1176	<i>schaufussi medius</i> Schedl, <i>Trachyostus</i> (= <i>schaufussi</i>)	1212
<i>retusus</i> Guerin-Meneville, <i>Tesserocerus</i>	1100	<i>schaufussi minor</i> Schedl, <i>Trachyostus</i> (= <i>schaufussi</i>)	1212
<i>retusus</i> Schedl, <i>Doliopygus</i>	1237	<i>schaumi</i> Chapuis, <i>Platypus</i> (= <i>pulicaris</i>)	1173
<i>retusus</i> Strohmeier, <i>Platypus</i>	1176	Schedlarini Wood	1057
° <i>rhinoceroide</i> (Schawaller), (<i>Mitosoma</i>), <i>Cenocephalus</i>	1109	Schedlarius Wood	1057
<i>rhizophorae</i> Roberts, <i>Doliopygus</i> (= <i>dubius</i>)	1229	<i>schedli</i> Browne, <i>Crossotarsus</i>	1205
<i>rhodesianus</i> (Schedl), (<i>Crossotarsus</i>), <i>Doliopygus</i>	1237	<i>schedli</i> Wood, <i>Platypus</i> (= <i>tiroseusis</i>)	1185
<i>rimulosus</i> Schedl, <i>Platypus</i>	1176	<i>sehenklingi</i> (Strohmeier), (<i>Crossotarsus</i>), <i>Platypus</i>	1175
<i>roberti</i> Chapuis, <i>Platypus</i>	1176	<i>schmidti</i> Chapuis, <i>Platypus</i>	1175
<i>robertsi</i> Nunberg, <i>Periomnatus</i>	1106	<i>schmutzenhoferi</i> Schedl, <i>Tesserocerus</i>	1100
<i>robustum</i> Schedl, <i>Cenocephalus</i> (= <i>robustus</i>)	1109	<i>schoutedeni</i> (Sampson), (<i>Crossotarsus</i>), <i>Doliopygus</i>	1237
<i>robustum</i> Schaufuss, <i>Mitosoma</i>	1111	<i>schoutedeni</i> (Schedl), (<i>Platypus</i>), <i>Trachyostus</i>	1212
<i>robustus</i> Browne, <i>Doliopygus</i>	1237	<i>schultzeanus</i> Schedl, <i>Platypus</i>	1175
<i>robustus</i> Chapuis, <i>Platypus</i>	1177	<i>schultzei</i> Schedl, (<i>Crossotarsus</i>), <i>Platypus</i> (= <i>schultzeanus</i>)	1175
<i>robustus</i> Schedl, <i>Cenocephalus</i>	1109	<i>schultzei</i> Strohmeier, <i>Platypus</i> (= <i>luniger</i>)	1156
<i>robustus</i> Schedl, <i>Diapus</i>	1092	Scolytotarsus Schedl	1085
<i>robustus</i> Schedl, (<i>Symmercus</i>), <i>Chaetastus</i> (= <i>tuberculatus</i>)	1105	<i>scorpius</i> (Schedl), (<i>Platypus</i>), <i>Crossotarsus</i>	1205
<i>roppai</i> Schedl, <i>Platypus</i>	1177	<i>scrobicularis</i> Roberts, <i>Platypus</i>	1175
<i>rostratus</i> Beeson, <i>Diapus</i> (= sp.?)	1055	<i>Scutopygus</i> Nunberg (= <i>Doliopygus</i>)	1223
<i>rotundatus</i> Chapuis, <i>Platypus</i> (= <i>parallelus</i>)	1166	<i>secretus</i> Sampson, <i>Platypus</i>	1175
<i>rotundicauda</i> Motschulsky, <i>Platypus</i>	1177	<i>secus</i> Wood, <i>Platypus</i>	1179
<i>rudifrons</i> Chapuis, <i>Platypus</i> (= <i>compositus</i>)	1127	<i>sedulus</i> Schedl, <i>Crossotarsus</i> (= <i>terminatus</i>)	1205
<i>rudis</i> Chapuis, <i>Platypus</i> (= <i>solidus</i>)	1154	<i>segnis</i> Chapuis, <i>Platypus</i>	1179
<i>rudis</i> Chapuis, <i>Tesserocerus</i>	1100	<i>sellaefornis</i> Roberts & Morimoto, <i>Platypus</i>	1179
<i>rufescens</i> (Strohmeier), (<i>Crossotarsus</i>), <i>Platypus</i>	1177	<i>selysi</i> Chapuis, <i>Platypus</i>	1179
<i>rufescens parinariae</i> Schedl, <i>Platypus</i> (= <i>rufescens</i>)	1177	<i>semicarinatus</i> Schedl, <i>Platypus</i>	1179
<i>rufobrunneus</i> Schedl, <i>Platypus</i>	1177	<i>semicinctus</i> Schedl, <i>Crossotarsus</i>	1205
<i>rugicollis</i> Schedl, <i>Cenocephalus</i>	1109	<i>semiernis</i> Schedl, <i>Platypus</i>	1179
<i>rugosifrons</i> Schedl, <i>Platypus</i>	1177		
<i>rugosum</i> Schaufuss, <i>Mitosoma</i>	1111		
<i>rugosus</i> Chapuis, <i>Platypus</i> (= <i>compositus</i>)	1127		
<i>rugulosus</i> Chapuis, <i>Platypus</i> (= <i>parallelus</i>)	1166		
<i>runcinatus</i> Roberts, <i>Platypus</i>	1177		
<i>sabroni</i> Schedl, <i>Platypus</i> (= <i>pallidus</i>)	1164		
<i>sallei</i> Chapuis, <i>Platypus</i>	1177		
<i>saltator</i> Schedl, <i>Crossotarsus</i>	1205		

<i>semigranosus</i> (Sampson), (= <i>Crossotarsus</i>), <i>Platypus</i>	1179	<i>sira</i> Beeson, <i>Crossotarsus</i>	1206
<i>semitrinitatus</i> Numberg, <i>Doliopygus</i> (= <i>aequalidentatus</i>)	1223	<i>sobrius</i> Schedl, <i>Platypus</i>	1152
<i>semitritus</i> (Schedl), (<i>Platypus</i>), <i>Baioeis</i>	1217	<i>solicitatus</i> Schedl, <i>Platypus</i>	1152
<i>semiopacus</i> Strohmeier, <i>Platypus</i>	1179	<i>solidulus</i> Browne, <i>Platypus</i>	1152
<i>semipilosus</i> (Schedl), (= <i>Crossotarsus</i>), <i>Doliopygus</i>	1237	<i>solidus</i> Schedl, <i>Doliopygus</i> (= <i>perbrevis</i>)	1235
<i>semisulcatus</i> Schedl, <i>Platypus</i>	1150	<i>solidus</i> Walker, <i>Platypus</i>	1152
<i>seuexus</i> Wood, <i>Platypus</i>	1150	<i>solidus exilis</i> Chapuis, <i>Platypus</i> (= <i>solidus</i>)	1153
seni Beeson, <i>Platypus</i> (= <i>hybridus</i>)	1147	<i>solidus obtusus</i> Chapuis, <i>Platypus</i> (= <i>solidus</i>)	1153
<i>sepaloides</i> Roberts, <i>Platypus</i>	1150	<i>solidus rudis</i> Chapuis, <i>Platypus</i> (= <i>solidus</i>)	1154
<i>sequius</i> Schedl, <i>Platypus</i>	1150	<i>solomonicus</i> Browne, <i>Baioeis</i>	1217
<i>sericans</i> Schedl, <i>Platypus</i>	1150	<i>solomonicus</i> Browne, <i>Platypus</i>	1154
<i>serratulus</i> (Browne), (<i>Platypus</i>), <i>Crossotarsus</i>	1205	<i>solutus</i> Schedl, <i>Platypus</i>	1154
<i>serratulus</i> Schedl, <i>Doliopygus</i>	1235	<i>Spathicranuloides</i> Schedl	1210
<i>serratus</i> (Schedl), (<i>Diapus</i>), <i>Genyocerus</i>	1095	<i>Spathidicerus</i> Chapuis	1101
<i>serratus</i> (Strohmeier), (= <i>Crossotarsus</i>), <i>Doliopygus</i>	1235	spathulifer Beeson, <i>Diapus</i> (= <i>spatulifer</i>)	1092
<i>setaceus</i> Chapuis, <i>Platypus</i>	1150	<i>spatiosus</i> (Schedl), (= <i>Crossotarsus</i>), <i>Doliopygus</i>	1235
<i>Setantus</i> Numberg, <i>Perionnatus</i>	1102	<i>spatulifer</i> Browne, <i>Diapus</i>	1092
<i>severini</i> Blandford, <i>Platypus</i>	1150	<i>spectabilis</i> Schedl, <i>Doliopygus</i>	1235
<i>severini</i> Strohmeier, <i>Perionnatus</i>	1106	<i>spectabilis</i> Schedl, <i>Platypus</i>	1154
<i>sexcostatus</i> Chapuis, <i>Platypus</i>	1150	<i>spectrum</i> Schedl, <i>Crossotarsus</i>	1206
<i>sexfenestratus</i> Beeson, (= <i>Crossotarsus</i>), <i>Platypus</i> (= <i>quercivorus</i>)	1175	<i>spectus</i> Wood, <i>Platypus</i>	1154
<i>sexforaminatus</i> Beeson, <i>Platypus</i> (= <i>sexporus</i>)	1150	<i>spiculatus</i> Browne, <i>Platypus</i>	1154
<i>sexporus</i> (Schedl), (<i>Diacatus</i>), <i>Genyocerus</i>	1095	<i>spinatus</i> Browne, <i>Diapus</i>	1092
<i>sexporus</i> (Schedl), (= <i>Crossotarsus</i>), <i>Platypus</i>	1150	<i>spinax</i> Blandford, <i>Tesserocerus</i>	1100
<i>sexspinosum</i> Schedl, <i>Mitosoma</i>	1111	<i>spinioides</i> (Strohmeier), (= <i>Crossotarsus</i>), <i>Doliopygus</i>	1235
<i>sexualis</i> (Beeson), (= <i>Crossotarsus</i>), <i>Platypus</i>	1150	<i>spinifer</i> (Sampson), (<i>Platypus</i>), <i>Crossotarsus</i>	1206
<i>seydeli</i> (Numberg), (<i>Stenoplatypus</i>), <i>Platypus</i>	1151	<i>spinifer</i> Schedl, <i>Diapus</i>	1092
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This index includes all Latin names used in this catalog for Scolytidae. Family-group names (family, subfamily, tribe) and names applied below the rank of subspecies (including aberrations, variations, nomen nudum) are given in regular type. Valid names of genera and species are in bold type. The names of synonyms of genera and species, subgeneric names, and subspecific names are given in italics. The names are listed in alphabetical order by the computer; however, the user must realize that the computer reads parentheses () as a letter of the alphabet preceding the letter "a." The names of fossil species are preceded by an asterisk (*). Fossil species are given at the beginning of the index and are also listed alphabetically with other names.

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- alni* Krivolotskaya, *Cryphalus* 873
- alni* Mulsant & Rey, (*Bostrichus*), *Xyleborus*
 (= *pfeili*) 763
- alni* Pfeffer, *Taphronychus* 557
- alni* Wood, *Gymnochilus* 386
- alni* Wood, *Scolytodes* 385
- alnicoleus* Wood, *Pityophthorus* 979
- Alniphagini* (= *Hylesinini*) 64
- alniphagus* Nobuchi, *Ernoporicus* 849
- Alniphagus* Swaine 73
- alniphagus* Wood, *Gnathotrichus* 1034
- alpha* (Beeson), (*Xyleborus*), *Coptodryas* 823
- alpinensis* G. Hopping, *Pityophthorus* 979
- alpinus* Eggers, *Pityogenes* (= *calcaratus*) 444
- alpinus* Schedl, *Xyleborus* (= *clerodendronae*) 719
- alsapanicus* (Schedl), (*Xyleborus*), *Ambrosiodmus* 670
- alter* (Eggers), (*Xyleborus*), *Dryococtoides* 656
- alter* Eggers, (*Stephanoderes*), *Hypothenemus*
 (= *birmanus*) 910
- alternans* (Schedl), (*Cryphalomorphus*),
Scolytogenes 558
- alternans* (Schedl), (*Aps*), *Acanthotomicus* 475
- alternans* Browne, *Hypothenemus* (= *criticus*) 914
- alternans* Chapuis, *Hyliurgops* (= *subcostulatus*) 42
- alternans* Eggers, *Dryocoetes* (= *autographus*) 575
- alternans* Eichhoff, *Xyleborus* (= *volutus*) 752
- alternans* Schedl, *Hylesinus* (= *macmahoni*) 84
- alternantes* Schedl, *Cyrtogenius* 563
- alternatus* (Eggers), (*Problechilus*), *Gymnochilus* 386
- alternatus* (Eggers), (*Stephanoderes*),
Hypothenemus 906
- alteruatus* (Eggers), (*Thammurgides*),
Coccotrypes 593
- alternatus* Eggers, *Hylocurus* 422
- alternus* Wood, *Hylocurus* 422
- altilis* Schedl, *Xyleborus* 710
- alutaceus* (Schaufuss), (*Stephanoderes*),
Ctonoxylon 836
- alutaceus* Schwarz, *Crypturgus* 620
- alvarengai* Bright, *Sampsonius* 655
- alvarengai* Schedl, *Pityophthorus* 950
- amabilis* Chamberlin, *Cryphalus* (= *ruficollis*) 892
- amabilis* Wood, *Scolytodes* 385
- amakusanus* (Murayama), (*Stephanoderes*),
Hypothenemus 906
- amanicum* Hagedorn, *Ctonoxylon* 836
- amanicus* (Eggers), (*Cryphalus*), *Scolytogenes* 558
- amanicus* Eggers, *Cladoctonus* 238
- amanicus* Hagedorn, *Xyleborus* 710
- amanicus* omissus Schedl, *Xyleborus*
 (= *amanicus*) 710
- amarantum* (Schedl), (*Xyleborus*), *Cyclorhipidion* 697
- Amasa* Lea 651
- amassius* Wood, *Pseudohyspanoes* 412
- amatus* Schedl, *Acanthotomicus* 475
- amazonicus* (Eggers), (*Loganius*), *Cnemomyx* 313
- amazonicus* (Eggers), (*Neodryocoetes*), *Araptus* 953
- amazonicus* Eggers, (*Stephanoderes*), *Hypothenemus*
 (= *obscurus*) 937
- amazonicus* Schedl, (*Ceratolepis*), *Cnemomyx*
 (= *amazonicus*) 313
- amazonicus* Schedl, *Scolytus* 322
- ambasinotatus* Schedl, *Xyleborus* 710
- ambasipennis* Schedl, *Xyleborus* 710
- ambasius* Hagedorn, *Xyleborus* (= *conradti*) 720
- ambasiusculus* Eggers, *Xyleborus* 711
- ambiguus* Blandford, *Hylastes* 43
- ambitiosus* (Schaufuss), (*Xyloceptes*),
Premnobius 651
- ambitus* Wood, *Microborus* 383
- Ambrosiodmus* Hopkins 670

<i>americanum</i> Wood, <i>Liparthrum</i>	275	<i>° auceps</i> Hagedorn, <i>Xylechmites</i>	1052
<i>americanus</i> Blackman, <i>Xylechinus</i>	115	<i>auceps</i> Wood, <i>Scolytodes</i>	355
<i>americanus</i> Dejean, <i>Phloeotribus</i> (= <i>scarabaeoides</i>)	230	<i>Anchonocerus</i> Eichhoff (= <i>Monarthrum</i>)	1050
<i>americanus</i> Hopkins, <i>Dryocoetes</i> (= <i>autographus</i>)	575	<i>Ancyloderes</i> Blackman (= <i>Gnathotrichus</i>)	1034
<i>° americanus</i> Wickham, <i>Hylastes</i>	43	<i>andamanensis</i> (Blandford), (<i>Xyleborus</i>), <i>Enwallacea</i>	655
<i>amerston</i> Wood, <i>Pycnarthrum</i>	354	<i>andamanensis</i> Beeson, (<i>Xyloctonus</i>), <i>Scolytominus</i>	535
<i>amiculus</i> Wood, <i>Pityophthorus</i>	950	<i>andamanensis</i> Wood, <i>Scolytominus</i>	535
<i>amiskwienensis</i> Hopping, <i>Ips</i> (= <i>tridens eugelmanni</i>)	528	<i>andersoni</i> Swaine, <i>Carphoborus</i>	302
<i>amitinus</i> (Eichhoff), (<i>Tomicus</i>), <i>Ips</i>	459	<i>andersoni</i> Wood, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>seriatus</i>)	943
<i>amitinus montanus</i> Fuchs, <i>Ips</i> (= <i>amitinus</i>)	491	<i>andinus</i> Wood, <i>Chaetophloeus</i>	271
<i>amoenus</i> (Schauffuss), (<i>Hylurgus</i>), <i>Polygraphus</i>	254	<i>andresi</i> Eggers, <i>Phloeosinus</i> (= <i>armatus</i>)	241
<i>amoenus</i> Blandford, <i>Pityophthorus</i>	950	<i>andrewesi</i> (Blandford), (<i>Xyleborus</i>), <i>Xyleborinus</i>	504
<i>amoenus</i> Schedl, <i>Xyleborus</i> (= <i>asper</i>)	713	<i>andriani</i> (Schedl), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	695
<i>amoenus</i> Wood, <i>Scolytodes</i>	355	<i>auepotulus</i> (Eggers), (<i>Xyleborus</i>), <i>Ambrosiodinus</i>	670
<i>amorphus</i> (Eggers), (<i>Xyleborus</i>), <i>Hadrodemus</i>	515	<i>angeri</i> Pfeffer, <i>Pityophthorus</i> (= <i>buyssoni</i>)	955
<i>amphicauda</i> Browne, <i>Xyleborus</i>	711	<i>angolanus</i> Wood, <i>Hylesinopsis</i>	93
Amphicranidae (= <i>Corthylini</i> , <i>Corthylina</i>)	949	<i>angolensis</i> (Schedl), (<i>Africanicris</i>), <i>Micryphalus</i>	410
<i>amphicranoides</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1051	<i>angolensis</i> (Schedl), (<i>Aridianerus</i>), <i>Hylesinopsis</i> (= <i>angolanus</i>)	93
<i>amphicranoides</i> Hagedorn, <i>Xyleborus</i>	711	<i>angolensis</i> (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	475
<i>amphicranoides</i> Schedl, <i>Prennobius</i>	651	<i>angolensis</i> Schedl, <i>Hylesinopsis</i>	93
<i>amphicranoides latecaratus</i> Eggers, <i>Xyleborus</i> (= <i>amphicranoides</i>)	711	<i>angolensis</i> Schedl, <i>Xyleborus</i>	711
<i>amphicranoides parvior</i> Browne, <i>Xyleborus</i> (= <i>amphicranoides</i>)	711	<i>angulatus</i> (Eichhoff), (<i>Tomicus</i>), <i>Orthotomicus</i>	467
<i>amphicranulus</i> Eggers, <i>Xyleborus</i> (= <i>fallax</i>)	735	<i>angulatus</i> (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	475
<i>Amphicranus</i> Erichson	1045	<i>angulatus</i> Schedl, (<i>Xyleboricus</i>), <i>Arixyleborus</i> (= <i>mediosectus</i>)	665
<i>amplexicauda</i> Hagedorn, <i>Xyleborus</i>	711	<i>angustatus</i> Schedl, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= <i>perminutissimus</i>)	509
<i>ampliatus</i> Eggers, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>birmanus</i>)	910	<i>angustatus</i> (Herbst), (<i>Bostrichus</i>), <i>Hylastes</i>	44
<i>ampliatus</i> Schedl, <i>Cuesinus</i>	205	<i>angustatus</i> Browne, <i>Scolytus</i>	324
<i>amphicollis</i> Eichhoff, <i>Xyleborus</i> (= <i>ferrugineus</i>)	739	<i>angustatus</i> Eichhoff, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= <i>saxeseui</i>)	514
<i>amplius</i> Wood, <i>Micracis</i>	431	<i>angusticollis</i> Eggers, <i>Hylastes</i>	45
<i>amplipennis</i> Hopkins, <i>Hypothenemus</i> (= <i>columbi</i>)	913	<i>angusticollis</i> Schedl, <i>Polygraphus</i>	285
<i>amplipennis</i> Schedl, <i>Cuesinus</i>	205	<i>angustior</i> (Eggers), (<i>Cryphalus</i>), <i>Hypocryphalus</i>	565
<i>amplus</i> (Blackman), (<i>Xyleborus</i>), <i>Pityophthorus</i>	950	<i>angustior</i> Eggers, <i>Camptocerus</i>	315
<i>amplus</i> Wood, <i>Phloeotribus</i>	215	<i>angustior</i> Eggers, <i>Xyleborus</i>	711
<i>amplus</i> Wood, <i>Tricolus</i>	1042	<i>angustus</i> Blackman, <i>Pityophthorus</i>	950
<i>amputatus</i> (Blandford), (<i>Xyleborus</i>), <i>Anasa</i>	652	<i>angustus</i> Tsai & Yin, <i>Polygraphus</i>	255
<i>amurensis</i> Eggers, (<i>Eccoptogaster</i>), <i>Scolytus</i> (= <i>ratzeburgi</i>)	363	<i>angylocalyx</i> (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	478
<i>amygdali</i> Guerin-Meneville, <i>Scolytus</i>	322	<i>Anisandrus</i> Ferrari (= <i>Xyleborus</i>)	704
<i>amygdali rufipennis</i> Brancsik, <i>Scolytus</i> (= <i>amygdali</i>)	323	<i>anisandrus</i> Schedl, (<i>Xyleborus</i>), <i>Ambrosiodinus</i> (= <i>hagedorni</i>)	674
<i>Anacretus</i> Duges (= <i>Xyleborus</i>)	704	<i>anisopterae</i> (Browne), (<i>Ozodendron</i>), <i>Cyrtogenius</i>	563
<i>analis</i> Schedl, <i>Aricerus</i>	217	<i>anisopterae</i> Browne, <i>Xyleborus</i>	711
<i>analis</i> Schedl, <i>Xyleborus</i>	711	<i>ankius</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	559
<i>analogus</i> (Wood), (<i>Mimips</i>), <i>Acanthotomicus</i>	475	<i>ankius</i> (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	505
<i>analogus</i> LeConte, (<i>Hylurgus</i>), <i>Tomicus</i> (= <i>piniperda</i>)	136	<i>annecteus</i> (Wood), (<i>Prochraesus</i>), <i>Chraesus</i>	263
<i>analogus</i> Schedl, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= <i>intersetosus</i>)	505	<i>annecteus</i> LeConte, <i>Pityophthorus</i>	950
<i>anatolicus</i> Eggers, (<i>Eccoptogaster</i>), <i>Scolytus</i> (= <i>amygdali</i>)	323	<i>annecteus</i> LeConte, <i>Sciurus</i>	29
<i>anaxus</i> Wood, <i>Phelloterus</i>	971	<i>annectens</i> Schedl, <i>Xyleborus</i>	711
<i>Anaxyleborus</i> Wood (= <i>Anasa</i>)	651	<i>annectens</i> Wood, <i>Cuesinus</i>	205
<i>anceps</i> Blackman, <i>Pityophthorus</i> (= <i>nitidus</i>)	1016	<i>annexus</i> Schedl, <i>Xyleborus</i>	712

<i>annulicollis</i> Enderlein, <i>Coleobothrus</i> (= <i>Luridus</i>)	615	<i>appendicinum</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1051
<i>Anodius</i> Motschulsky (= <i>Dryocoetes</i>)	569	<i>approximatus</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	559
<i>anogeissi</i> Wood, <i>Polygraphus</i>	285	<i>approximatus</i> Dietz, <i>Dendroctonus</i>	135
<i>anomalous</i> (Schedl), (<i>Xyleborus</i>), <i>Anasa</i>	682	<i>approximatus</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>interstitialis</i>)	931
<i>anomalous</i> Bright, (<i>Corthylus</i>), <i>Corthylocurus</i> (= <i>mexicanus</i>)	1069	<i>approximatus</i> Hopkins, <i>Cryphalus</i> (= <i>ruficollis</i>)	591
<i>anona</i> Hopkins, (<i>Xylocleptes</i>), <i>Dendrocranus</i> (= <i>carbouarius</i>)	550	<i>approximatus</i> Schedl, <i>Xyleborus</i>	712
<i>anona</i> Hopkins, <i>Coccotrypes</i> (= <i>carpopagus</i>)	596	<i>apuleiae</i> Costa Lima, <i>Spermophthorus</i>	971
<i>auoplum</i> (Schedl), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	698	<i>aquiloni</i> Bright, <i>Pityophthorus</i> (= <i>uitidus</i>)	1016
<i>autaisaka</i> Schedl, <i>Xyleborus</i>	712	<i>aquiloni</i> (Nobuchi), (<i>Taenioglyptes</i>), <i>Cryphalus</i>	573
<i>antanala</i> Schedl, <i>Xyleborus</i>	712	<i>aquilus</i> (Wood), (<i>Cryptulocleptus</i>), <i>Pseudothysanoes</i>	412
<i>autennarius</i> Schedl, <i>Ernoporus</i>	554	<i>aquilus</i> Blackman, <i>Pityophthorus</i>	951
<i>autennarius</i> Schedl, <i>Corthylus</i>	1070	<i>aquilus</i> Blandford, <i>Xyleborus</i>	712
<i>antennatus</i> Schedl, <i>Scolytus</i>	324	<i>aquilus</i> Wood, <i>Camptocerus</i> (= <i>opacicollis</i>)	320
<i>antennatus</i> Swaine, <i>Phloeosinus</i>	240	<i>aquilus</i> Wood, <i>Chramesus</i>	263
<i>anthracinus</i> Bright, <i>Pityophthorus</i>	980	<i>arabiae</i> Schedl, <i>Hylesinopsis</i>	93
<i>anticus</i> (Schedl), (<i>Erioschidius</i>), <i>Cosmoderes</i>	901	<i>arakii</i> (Sawamoto), (<i>Cladoborus</i>), <i>Pityophthorus</i>	951
<i>auticus</i> Schedl, <i>Pityophthorus</i>	981	<i>araldii</i> Nunberg, <i>Arixyleborus</i> (= <i>leprosulus</i>)	667
<i>autillicus</i> Bright, <i>Pityophthorus</i>	981	<i>Araptidae</i> Eichhoff (= <i>Corthylini</i> , <i>Pityophthorina</i>)	949
<i>autipodus</i> (Eggers), (<i>Blastophagus</i>), <i>Hylurgonotus</i>	187	<i>Araptus</i> Eichhoff	952
<i>autipodus</i> Schedl, <i>Hylesinus</i>	75	<i>aratus</i> Blandford, <i>Scolytus</i>	324
<i>autoinei</i> Peyerimhoff, <i>Triotenemus</i>	541	<i>aratus</i> intermedius Kurenzov, <i>Scolytus</i> (= <i>aratus</i>)	324
<i>aomoriensis</i> Nobuchi, <i>Scolytus</i>	324	<i>araucariae</i> (Schedl), (<i>Conophthorcranus</i>), <i>Araptus</i>	953
<i>apachae</i> Bright, <i>Pityophthorus</i>	981	<i>araucariae</i> Schedl, (<i>Xylogopinus</i>), <i>Hylurdretonus</i> (= <i>corticinus</i>)	156
<i>apache</i> Lanier, <i>Ips</i>	491	<i>araucariae</i> Schedl, <i>Cryphalus</i>	573
<i>apachecae</i> Hopkins, <i>Conophthorus</i>	963	<i>araucariae</i> Schedl, <i>Hylurdretonus</i>	156
<i>apatoides</i> Eichhoff, (<i>Dryocoetes</i>), <i>Hypothenemus</i> (= <i>tristis</i>)	946	<i>araucariae</i> Schedl, <i>Pachycotes</i>	157
<i>apertus</i> Schedl, <i>Xyleborus</i>	712	<i>araucariae</i> Schedl, <i>Xylechinotomus</i> (= <i>brasilienis</i>)	105
<i>apfelbecki</i> Eggers, <i>Crypturgus</i> (= <i>cinereus</i>)	623	<i>araujiae</i> Brethes, (<i>Xyleborus</i>), <i>Araptus</i>	953
<i>Aphanarthrum</i> Wollaston	616	<i>arbuti</i> (Wood), (<i>Cryptulocleptus</i>), <i>Pseudothysanoes</i>	412
<i>Aphanocleptus</i> Wood (= <i>Pseudothysanoes</i>)	411	<i>arbuti</i> Hopkins, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= <i>saxesenii</i>)	815
<i>aphodioides</i> Villa, (<i>Bostrichus</i>), <i>Crypturgus</i> (= <i>pusillus</i>)	625	<i>arcanus</i> Bright, <i>Pityophthorus</i>	951
<i>apicalis</i> (Blandford), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	670	* <i>arcessitus</i> (Scudder), (<i>Phloeosinus</i>), <i>Phloeosinus</i>	240
<i>apicalis</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	559	<i>arceuthobii</i> Wood, <i>Pityophthorus</i>	951
<i>apicalis</i> (Schedl), (<i>Ips</i>), <i>Acanthotomicus</i>	475	<i>Archaeoscolytus</i> Butovitsch (= <i>Scolytus</i>)	321
<i>apicalis</i> Endrodi, <i>Trypodendron</i> (= <i>domesticum</i>)	633	<i>Archcephalus</i> Schedl (= <i>Hypothenemus</i>)	905
<i>apicalis</i> Schedl, <i>Polygraphus</i>	285	<i>arcticollis</i> Blandford, (<i>Xyleborus</i>), <i>Cyclorhipidion</i> (= <i>pruinatum</i>)	701
<i>apicalis</i> Wood, <i>Hypothenemus</i>	906	<i>arcturus</i> Samuelson, <i>Xyleborus</i>	712
<i>apicatus</i> Beeson, <i>Coccotrypes</i> (= <i>longior</i>)	605	<i>ardis</i> Wood, <i>Phloeocleptus</i>	421
<i>apicatus</i> Schedl, (<i>Poecilips</i>), <i>Coccotrypes</i> (= <i>longior</i>)	605	<i>ardis</i> Wood, <i>Tricolus</i>	1042
<i>apicenotatus</i> Schedl, <i>Pityophthorus</i>	981	<i>ardus</i> Schedl, (<i>Xyleborus</i>), <i>Ambrosiodmus</i> (= <i>desectus</i>)	673
<i>apicenotatus</i> Schedl, <i>Xyleborus</i> (= <i>eximius</i>)	735	<i>arecae</i> (Hornung), (<i>Bostrichus</i>), <i>Hypothenemus</i>	906
<i>apicipenne</i> (Schedl), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	695	<i>arecae</i> Eggers, <i>Coccotrypes</i> (= <i>dactyliperda</i>)	600
<i>apicipennis</i> Schedl, <i>Pityophthorus</i>	951	<i>argentinae</i> Blackman, <i>Phloeotribus</i>	215
<i>apiculatus</i> Schedl, <i>Pityophthorus</i>	951	<i>argentinensis</i> (Eggers), (<i>Prionosceles</i>), <i>Scolytodes</i>	355
<i>apiculatus</i> Schedl, <i>Xyleborus</i>	712	<i>argentinensis</i> (Schedl), (<i>Plthorophloeus</i>), <i>Phloeotribus</i>	215
<i>Apidocephalus</i> Wickham (= <i>Hylesinus</i>)	74	<i>argentinensis</i> Eggers, <i>Pityophthorus</i>	952
<i>aplanatideclivis</i> Schedl, <i>Xyleborus</i>	712		
<i>aplanatus</i> (Wichmann), (<i>Xyleborus</i>), <i>Euvallacea</i>	656		
<i>aplanatus</i> Schedl, <i>Ozopemon</i>	559		
<i>aplanatus</i> Schedl, <i>Pityophthorus</i> (= <i>digestus</i>)	995		
<i>Apoglostatus</i> Schedl (= <i>Glostatus</i>)	835		
<i>Apoxyleborus</i> Wood (= <i>Xylosandrus</i>)	757		

<i>argentinensis</i> Eggers, <i>Scolytopsis</i> (= puncticollis)	321	<i>artelaevis</i> (Schedl), (<i>Xyleborus</i>), <i>Encallacea</i>	686
<i>argentinensis</i> Nunberg, <i>Neocryphalus</i>	552	<i>artelineatus</i> (Beeson), (<i>Xyleborus</i>), <i>Xyleborinus</i>	505
<i>argentinensis</i> Schedl, <i>Chramesus</i>	263	<i>artelongus</i> Schedl, (<i>Xyleborus</i>), <i>Premnobius</i> (= longus)	653
<i>argentinensis</i> Schedl, <i>Cortylus</i>	1070	<i>artemarginatus</i> Schedl, (<i>Xyleborus</i>), <i>Leptoxyleborus</i> (= semigranulatus)	660
<i>argentinensis</i> Schedl, <i>Hypothenemus</i> (= eruditus)	924	<i>artemisiae</i> Wollaston, <i>Liparthrum</i>	275
<i>argentinensis</i> Schedl, <i>Xyleborus</i> (= ferrugineus)	739	<i>Artepityophthorus</i> Schedl (= Cyrtogenius)	562
<i>argentinae</i> (Schedl), (<i>Bostrichus</i>), <i>Pseudothysanoes</i>	412	<i>artepunctatus</i> Eggers, <i>Dryocoetes</i> (= autographus)	575
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<i>aztecus</i> Wood, <i>Hylesinus</i>	75	<i>barbatoides</i> Schedl, <i>Xyleborus</i>	714
<i>aztecus</i> Wood, <i>Scolytus</i>	324	<i>barbatomorphus</i> (Schedl), (<i>Xyleborus</i>), <i>Euwallacea</i>	686
<i>babadjavidis</i> Eggers, <i>Liparthrum</i> (= <i>arnoldi</i>)	275	<i>barbatulus</i> (Schedl), (<i>Xyleborus</i>), <i>Euwallacea</i>	686
<i>babai</i> (Murayama), (<i>Thammurgus</i>), <i>Coccotrypes</i>	593	<i>barbatus</i> (Blackman), (<i>Pityophilus</i>), <i>Pityotrichus</i>	970

- barbatus* (Blandford), (*Brachyspartus*),
Corthylocurus 1068
- barbatus* (Eggers), (*Minulus*), *Cnemomyx* 314
- barbatus* (Hagedorn), (*Xyleborus*), *Eucallacea* 686
- barbatus* (Schedl), (*Thamningides*), *Coccotrypes* 593
- barbatus* Eggers, *Chramesus* (= *dentatus*) 265
- barbatus* Eggers, *Lamurgus* 408
- barbatus* Hagedorn, *Sphaerotrypes* 198
- barbatus* Schedl, (*Ceratolepis*), *Cnemomyx*
 (= *errans*) 314
- barbatus* Schedl, *Dendrocraniulus* 550
- barbatus* Schedl, *Scolytus* 325
- barberi* Blackman, *Pityophthorus* 953
- barberi* Blackman, *Pseudothysanoes* (= *sedulus*) 417
- barberi* Hopkins, *Dendroctonus* (= *brevicomis*) 143
- barbeyi* Strohmeyer, *Crypturgus* (= *numidicus*) 625
- barbieri* Schedl, *Cryptoxyleborus* 828
- barbifer* (Schedl), (*Gnathotrichus*),
Gnathotrypes 1039
- barbifer* Schedl, *Pityophthorus* 953
- barinensis* Wood, *Scolytus* 325
- bartoni* Bruck, *Pseudothysanoes* 412
- bartschti* Muhl, *Liparthrum* 275
- barumbucensis* Eggers, *Xyleborus* 714
- barumbucensis mendosus* Schedl, *Xyleborus*
 (= *barumbucensis*) 714
- basalis* Schedl, *Xyleborus* 714
- basihirtus* (Beeson), (*Cryphalus*), *Hypocryphalus* 868
- basilaris* (Wood), (*Cryphalomorphus*),
Scolytogenes 859
- basjoo* Niisima, (*Cryphalus*), *Hypothenemus*
 (= *eruditus*) 921
- bassetti* Blackman, *Pityophthorus* 953
- bassiae* Beeson, *Polygraphus* (= *anogeissi*) 285
- bassiae* Schedl, *Scolytominus* (= *assamensis*) 539
- bassiatoris* Hopkins, *Coccotrypes* (= *dactyliperda*) 601
- basutoae* Schedl, *Polygraphus* 285
- batnensis* (Brisout), (*Hylastes*), *Hylurgops* 30
- batoensis* Eggers, *Diamerus* 195
- batoensis* Eggers, *Xyleborus* 714
- batoerradensis* (Schedl), (*Pseudoxyleborus*),
Anasa 682
- bauhaniae* Schedl, *Hypothenemus* (= *areccae*) 908
- bauhaniae* (Schedl), (*Stylotenus*), *Hypothenemus* 909
- baumanni* Hopkins, *Phlorosinus* 241
- beameri* Wood, *Hypothenemus* (= *gossypii*) 926
- beaveri* (Browne), (*Xyleborus*), *Xyleborinus* 805
- beaveri* Wood, *Cuesinus* 206
- beckeri* Bright, *Xyleborus* 714
- beckeri* Heqvist, *Hyllocurus* 422
- beckeri* Thatcher, *Dendroctonus* (= *valens*) 186
- beesoni* (Eggers), (*Pseudoxyleborus*), *Anasa* 682
- beesoni* Eggers, *Crypturgus* 620
- beesoni* Wood, *Mimiocurus* 949
- bella* (Sampson), (*Xyleborus*), *Coptodryas* 823
- bellus* (Schedl), (*Cryptocleptes*), *Pseudothysanoes* 412
- bellus* Blackman, *Pityophthorus* (= *confusus*) 990
- bellus* Schedl, *Cryphalus* 876
- belokunicus* Stark, *Scolytus* 325
- belti* Blandford, *Amphicranus* 1046
- belti* Blandford, *Phloeoborus* 98
- bengalensis* Stebbing, (*Dryocoetes*), *Xylosandrus*
 (= *crassiusculus*) 792
- bengalensis* Wood, *Sphaerotrypes* 198
- beuguetensis* (Schedl), (*Xyleborus*), *Eucallacea* 657
- benguetus* Blackman, *Scolytoplatypus*
 (= *papuanaus*) 405
- berbericolens* Wood, *Thysanoes* 419
- berchemiae* Blackman, *Thysanoes* 419
- berczinae* Stark, *Trypophloeus* (= *biuodulus*) 844
- bergeri* Spessivtsev, *Xylechinus* 115
- berchemiae* Blackman, *Thysanoes* (= *berchemiae*) 419
- betsileo* Schedl, *Xyleborus* 714
- betulae* Hopkins, *Dryocoetes* 579
- betulae* Niisima, *Scolytus* 325
- betulae* Schedl, *Taphrotrychus* 557
- betulae* Swaine, *Trypodendron* 632
- bezanozano* Schedl, *Xyleborus* 714
- bezaziani* Peyerimhoff, *Hypothenemus* 909
- bialowiczensis* Karpinski, *Pityogenes* (= *irkutensis*) 453
- bibractensis* Balachowsky, *Pityophthorus*
 (= *pityographus*) 1021
- bicallosum* (Schedl), (*Pterocyclon*), *Monarthrum* 1051
- bicallosus* Eggers, *Scolytus* (= *malii*) 344
- bicarinatus* (Nobuchi), (*Taenioglyptes*),
Cryphalus 876
- bicaudatum* Wollaston, *Liparthrum* 276
- bicaudatus* (Blandford), (*Bothrostermus*),
Sternobothrus 216
- bicaudatus* (Eggers), (*Ips*), *Acanthotomicus* 479
- bicarum* Wood, *Monarthrum* 1051
- bicinctulus* Schedl, *Xyleborus* (= *biconicus*) 715
- bicinctum* (Schedl), (*Xyleborus*), *Cyclorhupidion* 698
- bicinctum* Wollaston, *Aphanarthrum* 616
- bicinctum obsitum* Wollaston, *Aphanarthrum*
 (= *bicinctum*) 617
- bicinctum vestitum* Wollaston, *Aphanarthrum*
 (= *bicinctum*) 617
- bicinctus* Schedl, *Bothinodroctonus* 310
- bicinctus* Schedl, *Cuesinus* 206
- bicinctus* Schedl, *Hypothenemus* 909
- bicinctus* Schedl, *Scolytus* 325
- bicinctus* Schedl, *Xyleborus* (= *biconicus*) 715
- bicolor* (Blandford), (*Xyleborus*), *Eucallacea* 687
- bicolor* (Browne), (*Cryphalomorphus*),
Cryphalus 876
- bicolor* (Browne), (*Streptocranus*), *Coptoborus* 662
- bicolor* (Brulle), (*Hylesinus*), *Phloeosinus* 241
- bicolor* (Eggers), (*Hexacolus*), *Scolytodes* 389
- bicolor* (Eggers), (*Lepersinus*), *Hylesinus* 76
- bicolor* (Ferrari), (*Corthythus*), *Monarthrum* 1051
- bicolor* (Herbst), (*Bostrichus*), *Taphrotrychus* 557
- bicolor* Dejean, (*Bostrichus*), *Pityogenes*
 (= *chalcographus*) 446

<i>bicolor</i> Eggers, (<i>Problechilus</i>), <i>Gymnochilus</i> (= <i>reitteri</i>)	357	<i>bidentatus</i> (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	479
<i>bicolor</i> Eggers, <i>Cnesinus</i>	206	<i>bidentatus</i> Browne, <i>Hypocryphalus</i>	865
<i>bicolor</i> Eggers, <i>Corthylus</i> (= <i>emarginatus</i>)	1073	<i>bidentatus</i> Schedl, <i>Hylocurus</i>	423
<i>bicolor</i> Eggers, <i>Hypothenemus</i> (= <i>eruditus</i>)	923	<i>bidentatus</i> <i>carniolica</i> Fuchs, <i>Pityogenes</i> (= <i>bidentatus</i>)	442
<i>bicolor</i> Eggers, <i>Microborus</i>	353	<i>bidentis</i> Wood, <i>Acanthotomicus</i>	479
<i>bicolor</i> Eggers, <i>Microcorthylus</i>	1065	<i>bifidus</i> Bright, <i>Monarthrum</i> (= <i>querneum</i>)	1062
<i>bicolor</i> Eggers, <i>Polygraphus</i>	285	<i>bifidus</i> Schedl, <i>Tricolus</i>	1043
<i>bicolor</i> Eggers, <i>Scolytodes</i> (= <i>eggersi</i>)	391	<i>biformis</i> Browne, <i>Webbia</i>	830
<i>bicolor</i> Eggers, <i>Scolytus</i>	325	<i>bifoveatum</i> Wood, <i>Monarthrum</i>	1051
<i>bicolor</i> Eggers, <i>Sphaerotrypes</i>	195	<i>bifurcus</i> Eichhoff, <i>Carphoborus</i>	302
<i>bicolor</i> Philippi, <i>Hylesinus</i>	76	<i>bifurcus</i> Schedl, <i>Corthylus</i>	1070
<i>bicolor</i> Sampson, <i>Coccotrypes</i>	593	<i>biguttatus</i> Blandford, <i>Phloeotribus</i>	219
<i>bicolor</i> Schedl, <i>Dryocoetops</i>	557	<i>bimaculatus</i> (Eggers), (<i>Hapalogenius</i>), <i>Rhopalopselion</i>	96
<i>bicolor</i> Schedl, <i>Hypothenemus</i> (= <i>eruditus</i>)	924	<i>bimaculatus</i> (Eggers), (<i>Xyleborus</i>), <i>Cnestus</i>	802
<i>bicolor</i> Schedl, <i>Lanargus</i>	405	<i>bimaculatus</i> (Schedl), (<i>Leperisinus</i>), <i>Chaetoptelius</i>	103
<i>bicolor</i> Sokanovskii, <i>Polygraphus</i> (= <i>poligraphus</i>)	295	<i>bimarginatus</i> Eggers, <i>Xyloctonus</i>	840
<i>bicolor</i> Strohmeier, <i>Cyrtogenius</i>	563	<i>binodatus</i> Wood, <i>Hylocurus</i>	423
<i>bicolor</i> Willaston, <i>Aphanarthrum</i>	617	<i>binodosus</i> Numberg, <i>Premnobius</i> (= <i>corthyloides</i>)	653
<i>bicolor</i> Wood, <i>Chramcesus</i>	264	<i>binodulus</i> (Ratzeburg), (<i>Bostrichus</i>), <i>Trypophloeus</i>	843
<i>bicolor</i> Wood, <i>Monarthrum</i> (= <i>bicoloratum</i>)	1051	<i>binodus</i> Reitter, <i>Kissophagus</i> (= <i>novaki</i>)	69
<i>bicolor</i> Wood, <i>Scolytomimus</i>	839	<i>binodus</i> Wood, <i>Scolytus</i>	325
<i>bicolor</i> Wood, <i>Tricolus</i>	1042	<i>binotatus</i> Schedl, <i>Polygraphus</i>	255
<i>bicolor</i> <i>scitulus</i> Eggers, <i>Taphrorhynchus</i> (= <i>bicolor</i>)	557	<i>biographus</i> LeConte, <i>Xyleborus</i> (= <i>celsus</i>)	715
<i>bicolor</i> <i>minimodulus</i> Beeson, (<i>Xyleborus</i>), <i>Euwallacea</i> (= <i>bicolor</i>)	687	<i>biorbis</i> Blackman, (<i>Micracis</i>), <i>Hylocurus</i> (= <i>rudis</i>)	427
<i>bicoloratum</i> Wood, <i>Monarthrum</i>	1051	<i>biovalis</i> Blackman, <i>Pityophthorus</i>	983
<i>biconcavus</i> Blackman, <i>Hylocurus</i>	423	<i>bipunctatus</i> Eichhoff, <i>Amphicranus</i>	1046
<i>biconicus</i> (Schedl), (<i>Mycloborus</i>), <i>Acanthotomicus</i>	479	<i>birmanus</i> (Eggers), (<i>Phloeosinus</i>), <i>Hyledius</i>	259
<i>biconicus</i> Eggers, <i>Xyleborus</i>	714	<i>birmanus</i> (Eichhoff), (<i>Triarmocerus</i>), <i>Hypothenemus</i>	909
<i>bicornatulus</i> (Wood), (<i>Xyleborus</i>), <i>Xyleborinus</i>	806	<i>birmanus</i> Eggers, (<i>Cryphalus</i>), <i>Coriacephalus</i> (= <i>coriaceus</i>)	854
<i>bicornioides</i> (Schedl), (<i>Xyleborus</i>), <i>Cnestus</i>	802	<i>birmanus</i> Eggers, <i>Coccotrypes</i>	593
<i>bicornis</i> (Eggers), (<i>Xyleborus</i>), <i>Cnestus</i>	802	<i>birmanus</i> Eggers, <i>Hyorrhynchus</i>	191
<i>bicornis</i> (Schedl), (<i>Xyleborus</i>), <i>Webbia</i>	830	<i>birmanus</i> Eggers, <i>Xyleborus</i>	716
<i>bicornis</i> Browne, (<i>Hyloperus</i>), <i>Cryptocurus</i> (= <i>spinipennis</i>)	72	<i>birosimensis</i> (Murayama), (<i>Ernocryphalus</i>), <i>Cryphalus</i>	877
<i>bicornis</i> Wood, <i>Acacacis</i>	193	<i>biseriatus</i> (Eggers), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	910
<i>bicornis</i> Wood, <i>Carphoborus</i>	302	<i>biseriatus</i> Browne, <i>Dactylipalpus</i>	101
<i>bicornus</i> (Blackman), (<i>Micracis</i>), <i>Hylocurus</i>	423	<i>biseriatus</i> Eggers, <i>Chortastus</i> (= <i>minimus</i>)	311
<i>bicornus</i> Wood, <i>Cnesinus</i>	206	<i>biseriatus</i> Eggers, <i>Corthylus</i> (= <i>luridus</i>)	1074
<i>bicornutus</i> (Wood), (<i>Xyleborus</i>), <i>Taurodemus</i>	755	<i>biseriatus</i> Schedl, (<i>Xyleborus</i>), <i>Xylosandrus</i> (= <i>curtulus</i>)	793
<i>bicostatus</i> (Sampson), (<i>Xyleborus</i>), <i>Amasa</i>	652	<i>biseriatus</i> Schedl, <i>Sphaerotrypes</i>	195
<i>bicostatus</i> Schedl, <i>Cnesinus</i>	206	<i>biseriatus</i> Schedl, <i>Xyloctonus</i>	840
<i>bicristatus</i> Chaptuis, <i>Carphoborus</i> (= <i>bifurcus</i>)	303	<i>bisetosus</i> Schedl, (<i>Braclyspartus</i>), <i>Monarthrum</i> (= <i>egeum</i>)	1054
<i>bicuspis</i> (Eggers), (<i>Xyleborus</i>), <i>Coptoborus</i>	662	<i>bismarencensis</i> Browne, (<i>Xyleborus</i>), <i>Coptodryas</i> (= <i>libra</i>)	825
<i>bicuspis</i> Reitter, <i>Xylocleptes</i>	547	<i>bispinatus</i> Eichhoff, <i>Xyleborus</i> (= <i>ferrugineus</i>)	739
<i>bidens</i> (Blandford), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1051	<i>bispinatus</i> Schedl, <i>Cnesinus</i>	206
<i>bidens</i> (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	479	<i>bispinosulus</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	671
<i>bidens</i> Browne, <i>Hypothenemus</i>	909	<i>bispinosus</i> (Eggers), (<i>Ips</i>), <i>Acanthotomicus</i>	479
<i>bidens</i> Fabricius, (<i>Bostrichus</i>), <i>Pityogenes</i> (= <i>bidentatus</i>)	441		
<i>bidens</i> Wood, (<i>Mimips</i>), <i>Acanthotomicus</i> (= <i>bidentis</i>)	479		
<i>bidentatum</i> Wood, <i>Monarthrum</i>	1051		
<i>bidentatus</i> (Herbst), (<i>Bostrichus</i>), <i>Pityogenes</i>	439		
<i>bidentatus</i> (Motschulsky), (<i>Phloeotrogus</i>), <i>Xyleborus</i>	715		

- bispinosus* Beaver, *Glostatus* 535
bispinulus Eggers, *Trypophloeus* (= **granulatus**) 545
bispinus (Blandford), (*Pterocyclon*),
Monarthrum 1052
bispinus (Duftschmid), (*Bostrichus*), *Xylecetes* 547
bispinus (Schedl), (*Xyleborus*), *Coptoborus* 662
bispinus Guyon, (*Bostrichus*), *Pityogenes*
(= **bidentatus**) 442
bispinus Nobuchi, *Xyleborus* 716
bispinus Wood, *Chramesus* 264
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bisulcatus Eichhoff, *Pityophthorus* (= **pullus**) 1025
bisulcatus Schedl, *Cnesinus* 206
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bituberculatum Hagedorn, *Rhopalopselion* 96
bituberculatum Wollaston, *Liparthrum* 276
bituberculatus (Blandford), (*Gnathotrichus*),
Gnathotrupes 1039
bituberculatus Browne, *Webbia* 530
bituberculatus Eggers, (*Stephanoderes*),
Hypothecenus (= **brumeus**) 911
bituberculatus Eggers, *Prenniobius* (= **caicipennis**) 652
bituberculatus Hagedorn, *Xylecetes* 549
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(= **contexicauda**) 1072
bituberculatus Puzyr, *Scolytus* 325
bituberculatus Schedl, *Cnesinus* 206
biuncus Browne, *Xyleborus* 716
biuncus Reitter, *Xylecetes* 549
biuncus Schedl, *Xyleborus* (= **ferrugineus**) 736
bicittata Kirby, (*Apatte*), *Trypodendron* (= **lineatum**) 642
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Pityophthorus 983
blackmani Bright, *Pityophthorus* (= **brighiti**) 985
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(= **mexicanus**) 273
blackmani Schedl, *Cnesinus* 206
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blandfordi Sampson, *Hyorrhynchus* 191
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blandfordi Stebbing, (*Tomicus*), *Ips* (= **stebbingi**) 527
blanditus Wood, *Araptus* 953
blandulus Schedl, *Pityophtherus* 983
blandus Blackman, *Pityophthorus* 983
blandus Schedl, *Xyleborus* 716
Blastophagus Eichhoff (= *Tomicus*) 122
bobiriae Schedl, *Xyleborus* (= **pseudoambasius**) 766
bodei Eggers, *Phloeoborus* 98
bodoanus Reitter, *Xyleborus* 716
boeni Schedl, *Xyleborus* (= **antanala**) 712
boettcheri Eggers, *Sphaerotrypes* 195
boettcheri Schedl, *Cryphalus* 577
boieldicii Perrond, (*Bostrichus*), *Hypothecenus*
(= **eruditus**) 920
boleti Marsham, (*Ips*), *Hylastes* (= **ater**) 46
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boliviae (Schedl), (*Hexacolus*), *Scolytodes* 389
boliviae (Schedl), (*Stephanopodius*), *Styphlosoma* 950
boliviae Blackman, *Phloeotribus* (= **schoenbachi**) 232
boliviae Wood, (*Hoplitophthorus*), *Cladoctonus*
(= **corumbensis**) 235
bolivianum Eggers, *Monarthrum* (= **chapuisi**) 1052
bolivianum Schedl, (*Cosmocorynus*), *Monarthrum*
(= **boliviensis**) 1052
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Acanthotomicus 479
bolirianus (Eggers), (*Stephanoderes*),
Hypothecenus 910
bolirianus (Schedl), (*Neodryocoetes*), *Araptus* 953
bolirianus Eggers, (*Prionosceles*), *Scolytodes*
(= **boliviensis**) 389
bolirianus Eggers, *Corthylus* 1070
bolirianus Eggers, *Cryptocarenum* (= **seriatus**) 904
bolirianus Eggers, *Phloeotribus* (= **setulosus**) 233
bolirianus Eggers, *Pityophthorus* 984
bolirianus Eggers, *Scolytodes* 389
bolirianus Eggers, *Xyleborus* 716
bolirianus Schedl, *Chramesus* 264
bolirianus Schedl, *Gnathotrupes* 1040
bolirianus Schedl, *Scolytus* 325
boliriensis Wood, *Monarthrum* 1052
boliriensis Wood, *Scolytodes* 389
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(= **eutomoides**) 403
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bonnairei Reitter, (*Dendrosinus*), *Chramesus*
(= **rotundatus**) 268
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borealis Nobuchi, *Xylosandrus* 757
borealis Swaine, *Crypturgus* 620
borealis Swaine, *Ips* 493
borealis Swaine, *Pityophthorus* (= **nitidus**) 1016
borealis Swaine, *Trypodendron* (= **lineatum**) 643
borealis borealis Swaine, *Ips* (= **borealis**) 493
borealis lanieri Wood, *Ips* (= **borealis**) 494
borealis swainei R. Hopping, *Ips* (= **borealis**) 493
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borneensis (Schedl), (*Phloeosinus*), *Hyletius* 259
borneensis Browne, *Acacacis* 193
borneensis Browne, *Eidophelus* 867
borneensis Browne, *Xyleborus* 716
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<i>borneensis</i> Eggers, <i>Xyleborus</i> (= <i>amplexicauda</i>)	711	<i>brasiliensis</i> Schedl, (<i>Ceratolepis</i>), <i>Cnemomyx</i>	
<i>borneensis</i> Schedl, <i>Acanthotomicus</i>	479	(= <i>errans</i>)	314
<i>borneensis</i> Schedl, <i>Arizyleborus</i> (= <i>granifer</i>)	666	<i>brasiliensis</i> Schedl, (<i>Hexacolus</i>), <i>Scolytodes</i>	
<i>borneensis</i> Schedl, <i>Cryphalus</i>	577	(= <i>brasilianus</i>)	359
<i>borneensis</i> Schedl, <i>Cyrtogenius</i>	563	<i>brasiliensis</i> Schedl, <i>Cryphalus</i>	577
<i>Boroxydon</i> Hopkins (= <i>Xyleborus</i>)	704	<i>brasiliensis</i> Schedl, <i>Dryocoetes</i> (= <i>autographus</i>)	575
<i>borrichiae</i> Wood, <i>Pityophthorus</i>	954	<i>brasiliensis</i> Schedl, <i>Phrixosoma</i>	159
<i>bosqueiae</i> Schedl, <i>Ctenoxydon</i>	837	<i>brasiliensis</i> Schedl, <i>Pityophthorus</i> (= <i>dimorphus</i>)	996
<i>bosqui</i> (Schedl), (<i>Phacryphus</i>), <i>Acorthylus</i>	853	<i>brasiliensis</i> Schedl, <i>Pseudochramesus</i>	262
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Bothrostermiinae Blandford (= <i>Bothrostermini</i>)	205	<i>brevicollis</i> (Kolenati), (<i>Hylesinus</i>), <i>Phlocotribus</i>	219
Bothrostermini Blandford	205	<i>brevicollis</i> (Strohmeyer), (<i>Acanthophorus</i>),	
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<i>bourreriae</i> Schwarz, <i>Dendrosinus</i>	236	<i>brevicomatus</i> Bright, <i>Pityophthorus</i>	954
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<i>Brachydendrulus</i> Schedl (= <i>Araptus</i>)	952	<i>brevicornis</i> Kirby, (<i>Apate</i>), <i>Polygraphus</i>	
<i>Brachyspartus</i> Ferrari	1065	(= <i>rufipennis</i>)	298
<i>bruderi</i> (Browne), (<i>Cryphalomorphus</i>),		<i>brevidentatus</i> Eggers, <i>Xyleborus</i> (= <i>bidentatus</i>)	715
<i>Scolytogenes</i>	559	<i>Breviophthorus</i> Schedl (= <i>Pityophthorus</i>)	977
<i>bradfordi</i> Hopkins, <i>Hypothenemus</i> (= <i>eruditus</i>)	922	<i>brevior</i> (Eggers), (<i>Pelicerus</i>), <i>Cyrtogenius</i>	563
<i>brahma</i> Blandford, <i>Scolytoplatypus</i> (= <i>eutomoides</i>)	403	<i>brevior</i> (Eggers), [<i>brevius</i>], (<i>Xyleborus</i>),	
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<i>brasiliensis</i> (Eggers), (<i>Prionosceles</i>), <i>Scolytodes</i>	359	<i>brevior</i> Eggers, (<i>Pocillips</i>), <i>Coccotrypes</i>	
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<i>Monarthrum</i>	1052	<i>brevior</i> Schedl, <i>Hypocryphalus</i>	868
<i>brasiliensis</i> (Schedl), (<i>Breviophthorus</i>),		<i>brevipennis</i> Blandford, <i>Amphicranus</i>	1046
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<i>brasiliensis</i> Eggers, <i>Amphicranus</i>	1046	<i>brevis</i> (Eggers), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	911
<i>brasiliensis</i> Eggers, <i>Scolytopsis</i>	320	<i>brevis</i> (Eichhoff), (<i>Xyleborus</i>), <i>Xylosandrus</i>	787
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<i>Hypothenemus</i> (= <i>cruidiae</i>)	915	<i>brevis</i> Browne, (<i>Philopodius</i>), <i>Cryphalus</i>	
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<i>colaphus</i> Wood, <i>Guathotrypes</i>	1040	<i>centralis</i> (Schedl), (<i>Neodryocoetes</i>), <i>Araptus</i>	954
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<i>Coleobothrus</i> Enderlein	615	<i>centralis</i> Eichhoff, <i>Pityophthorus</i>	989
<i>collaris</i> (Schedl), (<i>Pocilips</i>), <i>Coccotrypes</i>	597	<i>centralis</i> Hopkins, <i>Trypophloeus</i> (= <i>salicis</i>)	847
<i>collaris</i> Blandford, <i>Amphicranus</i>	1046	<i>centralis</i> Schedl, (<i>Ctenyophthorus</i>), <i>Araptus</i>	
<i>collaris</i> Blandford, <i>Corthylus</i>	1070	(= <i>confluens</i>)	954
<i>collaris</i> Chapuis, <i>Phlocotribus</i>	219	<i>centralis</i> Schedl, <i>Margadillius</i>	898
<i>collaris</i> Eggers, (<i>Xyleborus</i>), <i>Eccoptyterus</i>		<i>cententus</i> Wood, <i>Pseudothysanoes</i>	413
(= <i>gracilipes</i>)	820	<i>cententus</i> Wood, <i>Xyleborus</i>	719
<i>collaris</i> Schedl, <i>Pityophthorus</i>	988	<i>concinulus</i> (Walker), (<i>Hylurgus</i>), <i>Hyleidius</i>	259
<i>collarti</i> (Eggers), (<i>Xyleborinus</i>), <i>Xyleborinus</i>	806	<i>concinus</i> (Mannerheim), (<i>Bostrichus</i>), <i>Ips</i>	500
<i>collinus</i> Bright, <i>Pityophthorus</i> (= <i>toralis</i>)	1031	<i>concinus</i> Beeson, (<i>Xyleborus</i>), <i>Coptodryas</i>	
<i>collis</i> Niisima, <i>Xyleborus</i>	719	(= <i>elegans</i>)	824
<i>colombianus</i> (Blackman), (<i>Cryptocleptes</i>),		<i>concinus</i> Wood, <i>Pityophthorus</i>	989
<i>Pseudothysanoes</i>	412	<i>concisus</i> (Blandford), (<i>Xyleborus</i>),	
<i>colombianus</i> Wood, <i>Cnesinus</i>	206	<i>Leptoxyloborus</i>	659
<i>colombianus</i> Wood, <i>Pseudopityophthorus</i>	972	<i>concisus</i> (Wood), (<i>Paracorthylus</i>), <i>Metacorthylus</i>	1064
<i>coloradensis</i> Wood, <i>Cryphalus</i> (= <i>ruficollis</i>)	892	<i>concisus</i> Wood, <i>Corthylus</i>	1072
<i>colossus</i> (Blandford), (<i>Xyleborus</i>), <i>Ambrosiodinus</i>	672	<i>concisus</i> Wood, <i>Microcorthylus</i>	1065
<i>columbi</i> Hopkins, <i>Hypothenemus</i>	912	<i>concitatus</i> (Schedl), (<i>Xyleborus</i>), <i>Anasa</i>	682
<i>columbianus</i> (Schedl), (<i>Hexacolus</i>), <i>Scolytodes</i>	390	<i>concolor</i> (Wollaston), (<i>Aphanarthrum</i>),	
<i>columbianus</i> (Schedl), (<i>Neopityophthorus</i>),		<i>Crypturgus</i>	623
<i>Araptus</i>	954	<i>concolor</i> Hagedorn, <i>Hypothenemus</i>	913
<i>columbianus</i> Hopkins, <i>Corthylus</i>	1071	<i>conditus</i> Schedl, <i>Xyleborus</i>	719
<i>columbianus</i> Schedl, <i>Corthylus</i> (= <i>letzneri</i>)	1074	<i>conditus</i> Wood, <i>Araptus</i>	954
<i>columbianus</i> Schedl, <i>Dendrocranius</i>	550	<i>conditus</i> Wood, <i>Dendrocranius</i>	550
<i>comans</i> (Sampson), (<i>Xyleborus</i>), <i>Hadrodemius</i>	819	<i>confertus</i> (Schedl), (<i>Pocilips</i>), <i>Coccotrypes</i>	597
<i>comatum</i> (Eggers), (<i>Eupteroxylon</i>),		<i>confertus</i> Swaine, <i>Pityophthorus</i>	989
<i>Monarthrum</i>	1052	<i>confinis</i> (Blandford), (<i>Pityophthorus</i>), <i>Araptus</i>	954
<i>comatus</i> (Zimmermann), (<i>Crypturgus</i>),		<i>confinis</i> (Eggers), (<i>Webbia</i>), <i>Arixyleborus</i>	666
<i>Pityoborus</i>	968	<i>confinis</i> (Wood), (<i>Logmius</i>), <i>Cnemonyx</i>	314
<i>comatus</i> Blandford, <i>Corthylus</i>	1071		

- confinis* Eggers, (*Xyleborus*), *Eurallacca*
(=*callacei*) 695
- confinis* LeConte, *Pityophthorus* 990
- confinis* Wood, *Chaetophloeus* 271
- confinis* Wood, *Dendrocraniulus* 551
- confinis* Wood, *Dendrocterus* (= *mexicanus*) 951
- confluens* (Schedl), (*Ctenyophthorus*), *Araptus* 954
- confluens* Schedl, *Xyleborus* 719
- conformis Dejean, *Ips* (= *calligraphus*) 494
- conformis Koll, *Xyleborus* (= *ferrugineus*) 736
- confractus* Bright, *Pityophthorus* 990
- confragosus* (Sampson), (*Cryphalomorphus*),
Scolytogenes 860
- confusa* Hopkins, *Coptodryas* 823
- Confusoscolytus* Tsai & Huang (= *Scolytus*) 322
- confusum* Eggers, *Rhopalopselion* 96
- confusus* (Eggers), (*Hylocurosoma*), *Scolytodes* 390
- confusus* (Eggers), (*Kissophagus*), *Hylesinopsis* 93
- confusus* (Eggers), (*Pocillips*), *Coccotrypes* 597
- confusus* (Eggers), (*Stephanoderes*),
Hypothenemus 913
- confusus* (LeConte), (*Tomicus*), *Ips* 500
- confusus* Blandford, *Pityophthorus* 990
- confusus* Bright, *Pityophthorus* (= *toralis*) 1031
- confusus* Browne, *Cryptoxyleborus* 828
- confusus* Eggers, (*Eccoptogaster*), *Scolytus*
(= *japonicus*) 335
- confusus* Eggers, (*Mimips*), *Acanthotomicus*
(= *biconicus*) 479
- confusus* Eggers, *Cryphalus* 878
- confusus* Eggers, *Polygraphus* 286
- confusus* Eichhoff, *Xyleborus* (= *ferrugineus*) 735
- confusus* Hopkins, *Margadillius* 899
- confusus* Swaine, *Dryocoetes* 580
- congoum* (Schedl), (*Hapalogenius*), *Rhopalopselion* 96
- congouus* (Eggers), (*Dryocoetes*), *Cyrtogenius* 564
- congouus* (Eggers), (*Mimips*), *Acanthotomicus* 480
- congouus* (Schedl), (*Brachydendrus*),
Mimicurus 949
- congouus* Eggers, (*Pocillips*), *Coccotrypes*
(= *rotundicollis*) 610
- congouus* Eggers, *Coccotrypes* 597
- congouus* Eggers, *Micocryphalus* 410
- congouus* Eggers, *Pityophthorus* 991
- congouus* Eggers, *Polygraphus* 286
- congouus* Eggers, *Sphaerotrypes* 199
- congouus* Hagedorn, (*Stephanoderes*),
Hypothenemus (= *setosus*) 944
- congouus* Hagedorn, (*Xyleborus*), *Ambrosiodmus*
(= *eichhoffi*) 673
- congouus* Hagedorn, *Xylocleptes* 549
- congouus* Nunberg, *Catenophorus* 237
- congouus* Schedl, *Cladroctonus* 283
- congouus* Schedl, *Scolytoplatypus* 401
- congruens* (Schedl), (*Mimips*), *Acanthotomicus* 480
- congruens* Schedl, *Xyleborus* 719
- conicolens* Wood, *Conophthorus* 963
- conilens* Browne, *Scolytus* 328
- conidens* Eggers, *Xyleborus* 720
- conifer* (Hagedorn), (*Xyleborus*), *Sampsonius* 655
- coniferae* (Wood), (*Aphanocleptus*),
Pseudothysanoes 413
- coniferae* Stebbing, (*Pityophthorus*), *Pityogenes*
(= *scitus*) 457
- coniperda* (Schwarz), (*Pityophthorus*),
Conophthorus 963
- conjunctus* (Schedl), (*Mimips*), *Acanthotomicus* 480
- conjunctus* Reitter, *Pityogenes* 451
- conjungens* Schedl, *Rhopalopselion* 96
- Conophthocraniulus* Schedl (= *Pityophthorus*) 977
- Conophthorus* Hopkins 963
- conradi* Hagedorn, *Xyleborus* 720
- conradi* Schedl, *Ctenoxylon* 837
- conscriptus* Bright, *Pityophthorus* 991
- consentaneus* Blandford, *Gnathotrichus* 1034
- consimile* (Blandford), (*Pterocyclus*),
Monarthrum 1052
- consimilis* (Eggers), (*Xyleborus*), *Ambrosiodmus* 672
- consimilis* LeConte, *Pityophthorus* 991
- consimilis* Wood, *Corthylus* 1072
- consimilis* Wood, *Dendrocraniulus* 551
- consobrinus* (Eichhoff), *Gnathotrypes* 1040
- consobrinus* Blandford, *Cosmoderes* 901
- consobrinus* Eggers, *Xyleborus* 720
- consobrinus* Wood, *Araptus* 954
- consocius* (Blandford), (*Problechilus*),
Gymnochilus 386
- conspiciens* Schedl, (*Xyleborus*), *Coccotrypes*
(= *cyperi*) 599
- conspicuous* (Schedl), (*Xyleborus*), *Ambrosiodmus* 672
- conspicuous* Wood, *Pityophthorus* 991
- constrictus* Schedl, (*Cryphalus*), *Hypocryphalus*
(= *perminimus*) 871
- constrictus* Schedl, *Gnathotrypes* (= *longipennis*) 1041
- constrictus* Schedl, *Hypocryphalus* (= *perminimus*) 871
- constrictus* Wood, *Scolytodes* 391
- consularis* (Schedl), (*Xyleborus*), *Anasa* 682
- continentalis* Eggers, *Xyleborus* 720
- contortae* Hopkins, *Conophthorus* (= *ponderosae*) 965
- contortus* Schedl, *Phloeotribus* 219
- contractus* (Chapuis), (*Hylastes*), *Xylechinosomus* 105
- contractus* Chapuis, *Phloeotribus* 220
- contractus* Schedl, *Cladroctonus* 235
- contractus* Wood, *Microcorthylus* 1065
- contractus* Wood, *Scolytodes* 391
- contrarius* Wood, *Pseudothysanoes* 413
- controversae* Murayama, (*Sphaerotrypes*), *Sucus*
(= *niisimai*) 191
- conversum* Wood, *Monarthrum* 1053
- convexa* Bright, *Schedlia* 822
- convexicauda* Eggers, *Corthylus* 1072
- convexicauda* Eggers, *Xyleborus* 720
- convexifrons* Hopkins, *Dendroctonus* (= *adjunctus*) 137
- convexifrons* Wood, *Carphoborus* 304

<i>convexifrons</i> Wood, <i>Cortlylus</i>	1072	<i>corpulentus</i> Schedl, <i>Hypocryphalus</i>	565
<i>convexifrons</i> Wood, <i>Polygraphus</i>	286	<i>corpulentus</i> sundri Schedl, (<i>Margadillius</i>), <i>Ernochadius</i> (= <i>corpulentus</i>)	557
<i>convexus</i> (Schedl), (<i>Afromicracis</i>), <i>Microcryphalus</i>	410	<i>corrugatum</i> (Schedl), (<i>Xyleborus</i>), <i>Cyclorhipidium</i>	695
<i>convexus</i> Bright, <i>Pseudopityophthorus</i> (= <i>pruinus</i>)	975	<i>corrugatus</i> (Schedl), (<i>Stephanorhopalus</i>), <i>Scolytogenes</i>	860
<i>convexus</i> Schedl, <i>Scolytus</i>	325	<i>corrugatus</i> Swaine, <i>Crypturgus</i> (= <i>borealis</i>)	620
<i>cooki</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>haupei</i>)	930	<i>corruptus</i> (Schedl), (<i>Xyleborus</i>), <i>Prennobius</i>	653
Coptoborus Hopkins	662	<i>corruptus</i> Schedl, (<i>Xyleborus</i>), <i>Coptoborus</i> (= <i>adjunctus</i>)	662
Coptodryas Hopkins	522	<i>corruptus</i> Wood, <i>Pityophthorus</i>	992
<i>Coptodryas</i> Schedl (= <i>Cuenomyx</i>)	313	<i>corsicum</i> Eichhoff, <i>Liparthrum</i> (= <i>mori</i>)	279
<i>Coptogaster</i> Illiger (= <i>Scolytus</i>)	321	<i>corsicus</i> Eggers, (<i>Myelophilus</i>), <i>Tomicus</i> (= <i>minor</i>)	127
<i>Coptosomus</i> Schedl (= <i>Cuenomyx</i>)	313	<i>corsicus</i> Eggers, <i>Crypturgus</i> (= <i>cinereus</i>)	623
<i>coracinus</i> Wood, <i>Cucisius</i>	206	<i>corsicus</i> Eggers, <i>Trypophloeus</i> (= <i>rybinskii</i>)	546
<i>coracinus</i> Wood, <i>Pseudothysanoes</i>	413	<i>corsicus</i> Guillebeau, (<i>Phlocophthorus</i>), <i>Phlocotribus</i> (= <i>pubifrons</i>)	227
<i>corculum</i> Wood, <i>Monarthrum</i>	1053	<i>corsicus</i> Guillebeau, <i>Phlocotribus</i> (= <i>cristatus</i>)	220
<i>cordatum</i> (Blandford), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1053	cortezi Bright, <i>Pityophthorus</i>	992
<i>cordatus</i> (Bright), (<i>Tricobus</i>), <i>Amphicranus</i>	1046	<i>Cortheloderes</i> Schedl (= <i>Cortlylus</i> , = <i>gracilis</i>)	1074
<i>cordatus</i> Hagedorn, <i>Strombophorus</i>	202	Corthyceylon Schedl	1067
<i>cordatus</i> Hagedorn, <i>Xyleborus</i> (= <i>emarginatus</i>)	733	<i>Corthyli</i> LeConte (= <i>Corthylini</i>)	949, 1034
<i>corditicum</i> Wood, <i>Monarthrum</i>	1053	<i>Corthyliidae</i> LeConte (= <i>Corthylini</i>)	949
<i>cordipennis</i> Lea, <i>Hylesinus</i>	77	<i>corthyiformis</i> Schedl, (<i>Gnathotrichus</i>), <i>Gnathotrupes</i> (= <i>longipennis</i>)	1041
Coriacephilus Schedl	553	<i>Corthylina</i> LeConte, part (= <i>Corthylini</i>)	1034
<i>coriaceus</i> (Eichhoff), (<i>Stephanoderes</i>), <i>Coriacephilus</i>	554	<i>Corthylinae</i> LeConte (= <i>Corthylini</i>)	949
<i>coriaceus</i> Schedl, (<i>Erioschidias</i>), <i>Cosmoderes</i> (= <i>monilicollis</i>)	901	<i>Corthylini</i> LeConte	949
<i>corni</i> Kurenzov, <i>Hypothenemus</i>	913	Corthylocurus Wood	1065
<i>corniculatulus</i> Schedl, (<i>Xyleborus</i>), <i>Coptoborus</i> (= <i>respatorius</i>)	665	<i>corthyloides</i> (Schedl), (<i>Xyleborus</i>), <i>Xylosandrus</i>	790
<i>corniculatus</i> Schedl, (<i>Xyleborus</i>), <i>Coptoborus</i> (= <i>respatorius</i>)	665	<i>corthyloides</i> Eichhoff, <i>Gnathotrichus</i> (= <i>materiarius</i>)	1036
<i>corniger</i> Wood, <i>Chramesus</i>	264	<i>corthyloides</i> Hagedorn, <i>Prennobius</i>	653
<i>cornicorus</i> Murayama, <i>Xyleborus</i>	720	<i>corthyloides</i> Schedl, (<i>Gnathotrichus</i>), <i>Gnathotrupes</i> (= <i>longipennis</i>)	1041
<i>cornutum</i> Eggers, <i>Ctenoxylon</i>	537	<i>Corthylomimus</i> Ferrari (= <i>Monarthrum</i>)	1050
<i>cornutus</i> Axentjev, <i>Cynanchophagus</i>	1053	<i>Corthylomimus</i> Schedl (= <i>Cortlylus</i>)	1069
<i>cornutus</i> Schaufuss, <i>Xyleborus</i>	720	Cortlylus Erichson	1069
<i>cornutus</i> Schedl, <i>Webbia</i>	530	<i>corticalis</i> Eichhoff, <i>Pityophthorus</i>	992
<i>cornutus</i> Wood, <i>Cnesinus</i>	207	<i>corticinus</i> Wood, <i>Hylardrectonus</i>	186
<i>corouarius</i> Blackman, <i>Pityophthorus</i>	992	<i>corticiperda</i> Erichson, <i>Hylastes</i> (= <i>linearis</i>)	56
<i>coronatus</i> (Chapuis), (<i>Phlocosinus</i>), <i>Chaetophloeus</i>	271	<i>corticus</i> Beeson, (<i>Thamniurgides</i>), <i>Coccotrypes</i> (= <i>nubilus</i>)	608
<i>coronatus</i> Eggers, <i>Cortlylus</i>	1072	<i>corumbensis</i> (Eggers), (<i>Hoplites</i>), <i>Cladoctonus</i>	238
<i>coronatus</i> Eggers, <i>Polygraphus</i>	286	<i>corumbeus</i> Eggers, <i>Chramesus</i>	264
<i>coronatus</i> Eggers, <i>Taphrorhynchus</i>	559	<i>coryli</i> (Perris), (<i>Tomicus</i>), <i>Lymnator</i>	555
<i>coronatus</i> Eichhoff, <i>Xyleborus</i> (= <i>spathipennis</i>)	774	coryli Stark, <i>Cryphalus</i>	578, 584
<i>coronatus</i> Wood, <i>Cryptocarenum</i> (= <i>brevicollis</i>)	902	<i>Cosmocorynus</i> Ferrari (= <i>Monarthrum</i>)	1050
<i>corporaali</i> (Eggers), (<i>Xyleborus</i>), <i>Coptodryas</i>	523	Cosmoderes Eichhoff	900
<i>corpulentus</i> (Sampson), (<i>Cryphalus</i>), <i>Ernochadius</i>	557	<i>cosmoderoides</i> Murayama, <i>Hypothenemus</i>	913
<i>corpulentus</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	860	<i>costabilis</i> Wood, <i>Pityophthorus</i>	992
<i>corpulentus</i> (Schedl), (<i>Erioschidias</i>), <i>Cosmoderes</i>	901	<i>costabilis</i> Wood, <i>Scolytodes</i>	391
<i>corpulentus</i> (Schedl), (<i>Neodrypocoetes</i>), <i>Araptus</i>	954	<i>costalimai</i> Blackman, <i>Pityophthorus</i>	992
<i>corpulentus</i> Browne, <i>Coccotrypes</i>	595	<i>costalimai</i> Numberg, (<i>Ernophloeus</i>), <i>Hypothenemus</i> (= <i>eruditus</i>)	926
<i>corpulentus</i> Eggers, <i>Xyleborus</i>	720	<i>costalimai</i> Schedl, <i>Dendrocranulus</i>	551
° <i>corpulentus</i> Schedl, <i>Hylurgops</i>	30	<i>costaricensis</i> (Schedl), (<i>Microcortlylus</i>), <i>Corthylocurus</i>	1069

- costaricensis* (Schedl), (*Neodryocoetes*), *Araptus* 954
costaricensis Blandford, *Xyleborus* 720
costaricensis Numberg, *Sampsonius* (= *dampfi*) 655
costaricensis Schedl, *Dendrocraniulus* 551
costaricensis Wood, *Micracis* (= *grandis*) 432
costata (Schedl), (*Bothryperus*), *Phrixosoma* 189
costatomorphus Schedl, *Xyleborus* 721
costatulus Wood, *Pityophthorus* 992
costatum (Eggers), (*Brachyspartus*),
Monarthrum 1053
costatus (Chapuis), (*Bothrosternus*),
Sternobothrus 216
costatus (Eichhoff), (*Stephanoderes*),
Hypothenemus 913
costatus Blandford, *Hylesinus* 77
costatus Chapuis, *Camptocerus* 319
costatus Wichmann, *Carphoborus* 305
costatus Wood, *Pityophthorus* 992
costatus Wood, *Pseudothyanoes* 413
costatus Wood, *Sphaerotrypes* 199
costellatus Chapuis, *Scolytus* 328
costiceps Broun, *Dendrotrypes* 106
costifera Bright, *Pityophthorus* 992
costipennis (Schedl), (*Xyleborus*), *Coptodryas* 823
costipennis Schedl, *Scolytomimus* 539
costulatus Schedl, *Webbia* 830
costulatus Blackman, *Pseudochramesus* 262
costulatus Blandford, *Cnesinus* 207
costulatus Eggers, *Xyleborus* 721
covinus Reitter, *Xyleborus* (= *peili*) 762
cracens (Wood), (*Gnathophthorus*),
Dacnophthorus 969
cracentis Bright, *Pityophthorus* 992
cracentis Wood, *Liparthrum* 276
Craniodicticus Blandford 437
crassius Wood, *Pseudothyanoes* 413
crassitarsus Schedl, (*Xyleborus*), *Coptodryas*
(= *recidens*) 827
crassiusculus (Motschulsky), (*Phlocotrogus*),
Xylosandrus 790
crassiventris (Schedl), (*Pocillips*), *Coccotrypes* 598
crassulus Wood, *Araptus* 954
crassus (Eggers), (*Dryocoetes*), *Peridryocoetes* 561
crassus (Schedl), (*Thamnoptorius*), *Araptus* 954
crassus Beeson, (*Hylesinus*), *Ficicis* (= *despectus*) 91
crassus Blackman, *Pityophthorus* 992
crassus Hagedorn, (*Xyleborus*), *Ambrosiodmus*
(= *minor*) 676
crassus Wood, *Araptus* (= *crassulus*) 954
crassus Wood, *Scolytodes* 391
craterigerus (Numberg), (*Orthotomicus*),
Acanthotomicus 480
crebellus Reitter, *Crypturgus* (= *pusillus*) 629
creber (Schedl), (*Cryphalomorphus*),
Scolytogenes 8860
creber (Schedl), (*Pocillips*), *Coccotrypes* 598
creber Schedl, *Cnemouyx* 314
creber Schedl, *Polygraphus* 286
crebra Wood, *Phrixosoma* 189
crecentus Wood, *Gnathotrypes* 1040
crenatus Duftschmidt, (*Hylesinus*), *Hylastinus*
(= *obscurus*) 67
crenatum Hagedorn, *Clonoxylon* 837
crenatus (Fabricius), (*Bostrichus*), *Hylesinus* 77
crenatus (Guillebeau), (*Elzearius*), *Phlocotribus* 220
crenatus (Sampson), (*Cryphalomorphus*),
Scolytogenes 860
crenatus Eggers, (*Xyleborus*), *Dryocoetoides*
(= *cristatus*) 657
crenatus Hagedorn, *Strombophorus* 203
crenatus Olivier, (*Scolytus*), *Hylastinus* (= *obscurus*) 66
crenatus Wood, *Chramesus* 264
crenulatus Eggers, *Xyleborus* 721
crossatyi Bruck, *Carphoborus* (= *blaisdelli*) 303
cribratus (Blandford), (*Phlocosinus*), *Hyledius* 260
cribratus Blackman, *Pityophthorus* (= *solus*) 1029
cribratus Browne, *Xyloceptes* 549
cribratus Eggers, *Xyleborus* 721
cribratus Pfeffer, *Pityophthorus* (= *pityographus*) 1021
cribellus Schedl, *Lanurgus* 405
cribricollis (Schedl), (*Neodryocoetes*), *Araptus* 955
cribricollis Eichhoff, (*Tomicus*), *Ips*
(= *granicollis*) 505
cribricollis Eichhoff, *Pagiocerus* 213
cribricollis Schedl, *Cyrtogenius* 564
cribripennis (Schedl), (*Neodryocoetes*), *Araptus* 955
cribripennis Eggers, *Taphrorhynchus* (= *ceratoniae*) 559
cribripennis Eggers, *Xyleborus* 721
cribripennis Eichhoff, *Pityophthorus* (= *pullus*) 1025
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<i>delicatus</i> Wood, <i>Araptus</i>	955	<i>denticulatus</i> Browne, <i>Webbia</i>	830
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<i>eichhoffi</i> Eggers, <i>Amphicranus</i>	1046	<i>elongatus</i> (Eggers), (<i>Dendrugus</i>), (<i>Coccotrypes</i>)	602
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<i>eichhoffi</i> Ferrari, <i>Dryocoetes</i>	582	<i>elongatus</i> (Eggers), (<i>Pelicerus</i>), (<i>Cyrtogenius</i>)	565
<i>eichhoffi</i> Hopkins, <i>Dryocoetes</i> (<i>betulae</i>)	579	<i>elongatus</i> (Schedl), (<i>Hylesinus</i>), (<i>Ficicis</i>)	91
<i>eichhoffi</i> Reitter, <i>Scolytus</i>	329	<i>elongatus</i> (Schedl), (<i>Landolphianus</i>), (<i>Lamurgus</i>)	408
<i>eichhoffi</i> Schauffuss, <i>Xyleborus</i> (= <i>eichhoffianus</i>)	732	<i>elongatus</i> (Schedl), (<i>Mimips</i>), (<i>Acanthotomicus</i>)	450
<i>eichhoffi</i> Schedl, <i>Corthylus</i>	1073	<i>elongatus</i> (Schedl), (<i>Thannophthorus</i>), (<i>Araptus</i>)	956
<i>eichhoffianus</i> Schedl, <i>Xyleborus</i>	732	<i>elongatus</i> Chapuis, <i>Phloeoborus</i> (= <i>rudis</i>)	100
<i>Eidophelinae</i> Murayama (= <i>Cryphalini</i>)	842	<i>elongatus</i> Eggers, <i>Hylastinus</i> (= <i>obscurus</i>)	65
<i>Eidophelus</i> Eichhoff	867	<i>elongatus</i> Eggers, (<i>Hylocurosoma</i>), (<i>Scolytodes</i>) (= <i>elongatissimus</i>)	392
<i>Ekkoptogaster</i> Herbst (= <i>Scolytus</i>)	321	<i>elongatus</i> Eggers, <i>Hyorrhynchus</i>	191
<i>elaboratus</i> Schedl, <i>Cryphalus</i>	579	<i>elongatus</i> Eggers, <i>Strombophorus</i>	203
<i>elacocarpus</i> Beeson, <i>Coccotrypes</i> (= <i>dactyliperda</i>)	602	<i>elongatus</i> Eggers, <i>Xyleborus</i>	733
<i>elaphus</i> (Eichhoff), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	917	<i>elongatus</i> Herbst, (<i>Bostrichus</i>), (<i>Hylurgus</i>) (= <i>ligniperda</i>)	121
<i>elatinus</i> Wood, <i>Pityophthorus</i>	997	<i>elongatus</i> Hopkins, (<i>Stephanoderes</i>), (<i>Hypothenemus</i>) (= <i>eruditus</i>)	923
<i>elatus</i> Niisima, <i>Hylesinus</i>	79	<i>elongatus</i> Lovendal, (<i>Tomicus</i>), (<i>Pityogenes</i>) (= <i>trepanatus</i>)	459
<i>eldaricus</i> Stark, <i>Chaetoptelius</i> (= <i>vestitus</i>)	104	<i>elongatus</i> (Nobuchi), (<i>Eriocryphalus</i>), (<i>Cryphalus</i>)	579
<i>electinus</i> Wood, <i>Cucinus</i>	207	<i>elongatus</i> Schedl, (<i>Eidophelus</i>), (<i>Cyrtogenius</i>) (= <i>elongatulus</i>)	564
° <i>electrimus</i> (Germar), (<i>Hylesinus</i>), (<i>Hylurgops</i>)	31	<i>elongatus</i> Schedl, (<i>Ozodendron</i>), (<i>Cyrtogenius</i>) (= <i>elongatissimus</i>)	564
<i>electus</i> (Wood), (<i>Gnathotrypanus</i>), (<i>Gnathotrypes</i>)	1040	<i>elongatus</i> Schedl, <i>Cladoctonus</i>	238
<i>electus</i> Blackman, <i>Pityophthorus</i>	997	<i>elongatus</i> Schedl, <i>Cryphalus</i>	579
<i>electus</i> Wood, <i>Amphicranus</i> (= <i>brownei</i>)	1046	<i>elongatus</i> Schedl, <i>Microcryphalus</i>	411
<i>electus</i> Wood, <i>Cucinus</i>	207	<i>elongatus</i> Schedl, <i>Scolytodes</i> (= <i>trispinosus</i>)	400
<i>elegans</i> (Eichhoff), (<i>Pterocyclon</i>), (<i>Monarthrum</i>)	1054	<i>elongatus</i> Schedl, <i>Scolytus</i>	329
<i>elegans</i> (Sampson), (<i>Xyleborus</i>), (<i>Coptodryas</i>)	824	<i>elongatus</i> Schedl, <i>Thannurgus</i>	543
<i>elegans</i> Blandford, <i>Cucinus</i>	207	<i>elongatus</i> Schreiner, <i>Tiarophorus</i>	539
<i>elegans</i> Eichhoff, <i>Amphicranus</i>	1047	<i>elongatus</i> Swaine, <i>Pityophthorus</i> (= <i>murayanae</i>)	1014
<i>elegans</i> Eichhoff, <i>Hylocurus</i>	424	<i>elsae</i> Eggers, <i>Pseudomicracis</i>	429
<i>elegans</i> Krivolitskaya, <i>Eidophelus</i> (= <i>imitatus</i>)	867	<i>Elzearius</i> Guillebeau (= <i>Phloeotribus</i>)	218
<i>elegans</i> Schedl, <i>Cosmoderes</i>	901	<i>emarginatus</i> (LeConte), (<i>Tomicus</i>), (<i>Ips</i>)	503
<i>elegans</i> Schedl, <i>Phloeoditica</i>	236	<i>emarginatus</i> (Numberg), (<i>Trypograplus</i>), <i>Hylesinopsis</i>	94
<i>elegans</i> Schedl, <i>Pityophthorus</i>	997	<i>emarginatus</i> Browne, <i>Acanthotomicus</i>	450
<i>elegans</i> Schedl, <i>Thannurgus</i>	543	<i>emarginatus</i> Eggers, <i>Corthylus</i>	1073
<i>elegans</i> Swaine, <i>Pityokteinus</i>	462	<i>emarginatus</i> Eggers, <i>Xyloctonus</i> (= <i>scolytoides</i>)	841
<i>elegans</i> Thomson, <i>Hylesinus</i>	50	<i>emarginatus</i> Eichhoff, <i>Xyleborus</i>	733
<i>elegans</i> Wichmann, (<i>Pseudothannurgus</i>), <i>Tiarophorus</i> (= <i>normandi</i>)	540	<i>emarginatus</i> Hopkins, <i>Coptoborus</i> (= <i>respiratorius</i>)	665
<i>elegantis</i> Wood, <i>Cucinus</i>	208	<i>emarginatus</i> Schedl, <i>Hypothenemus</i> (= <i>obscurus</i>)	937
<i>elegantulus</i> Schedl, <i>Amphicranus</i>	1047	<i>emarginatus</i> Wichmann, (<i>Eccoptogaster</i>), (<i>Scolytus</i>) (= <i>scheryweici</i>)	371
<i>elegantulus</i> Schedl, <i>Amphicranus</i> (= <i>brownei</i>)	1046	<i>emarginatus</i> semicircularis Schedl, <i>Xyleborus</i> (= <i>emarginatus</i>)	733
<i>elevatus</i> Eggers, <i>Xyleborus</i>	732	° <i>emmi</i> (Hagedorn), (<i>Cryphalus</i>), (<i>Hypothenemus</i>)	918
<i>climatus</i> Bright, <i>Pityophthorus</i> (= <i>subopacus</i>)	1030	<i>emmi</i> Eggers, (<i>Stephanoderes</i>), (<i>Hypothenemus</i>) (= <i>emmi</i> Hagedorn)	918
<i>ellipticus</i> Chapuis, <i>Phloeoborus</i>	99	<i>endroedyi</i> (Schedl), (<i>Hemilylesinus</i>), (<i>Hylesinopsis</i>)	94
<i>ellipticus</i> Eggers, (<i>Hexacolus</i>), (<i>Scolytodes</i>) (= <i>maurus</i>)	395	<i>engadinensis</i> Fuchs, (<i>Ips</i>) (= <i>cembrae</i>)	497
<i>ellipticus</i> Murayama, <i>Scolytus</i>	329	<i>engelmanni</i> Hopkins, <i>Dendroctonus</i> (= <i>rufipennis</i>)	178
<i>elongatissimus</i> Wood, <i>Cyrtogenius</i>	564		
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<i>exiguus</i> Blandford, <i>Cryphalus</i>	579	<i>fallax</i> Eggers, (<i>Minipis</i>), <i>Acanthotomicus</i>	
<i>exiguus</i> Wood, <i>Corthylus</i>	1073	(= <i>quadrituberculatus</i>)	453
<i>exiguus</i> Wood, <i>Cryphalogenes</i>	857	<i>fallax</i> Eggers, <i>Ips</i> (= <i>cembrae</i>)	499
<i>exiguus</i> Wood, <i>Scolytodes</i>	392	fallax Eichhoff, <i>Xyleborus</i>	735
<i>exile</i> Eichhoff, (<i>Pterocydon</i>), <i>Microcorthylus</i>		<i>fallax</i> Hagedorn, (<i>Meringopalpus</i>), <i>Gymnochilus</i>	
(= <i>parvulus</i>)	1066	(= <i>zonatus</i>)	357
<i>exilis</i> (Wood), (<i>Loganius</i>), <i>Cnemomyx</i>	315	<i>fallax</i> Wichmann, <i>Hylurgops</i> (= <i>batuensis</i>)	30
<i>exilis</i> Chapuis, <i>Hylastes</i>	53	fallaxoides Schedl, <i>Xyleborus</i>	735
<i>exilis</i> Schedl, (<i>Xyleborus</i>), <i>Coptoborus</i>		fallsus Schedl, <i>Xyleborus</i>	735
(= <i>pseudotenuis</i>)	664	familiaris (Schedl), (<i>Xyleborus</i>), <i>Prennobius</i>	653
<i>exilis</i> Swaine, <i>Pityophthorus</i> (= <i>murrayanae</i>)	1014	faukhaueri Reitter, <i>Hylastinus</i>	64
<i>exilis</i> Wood, <i>Chramesus</i>	265	farinosus Blandford, <i>Hypothenemus</i> (= <i>birmanus</i>)	910
<i>exilis</i> Wood, <i>Micracis</i>	432	fasciatum (Say), (<i>Bostrichus</i>), <i>Monarthrum</i>	1055
<i>eximius</i> (Schedl), (<i>Erischidias</i>), <i>Ernoporicus</i>	850	fasciatus (Blackman), (<i>Renocis</i>), <i>Chaetophloeus</i>	272
<i>eximius</i> (Schedl), (<i>Ips</i>), <i>Acanthotomicus</i>	480	fasciatus (Hagedorn), (<i>Kissophagus</i>), <i>Hylesinopsis</i>	94
<i>eximius</i> Schedl, <i>Hypothenemus</i>	925	<i>fasciatus</i> Fabricius, (<i>Hylesinus</i>), <i>Camptocerus</i>	
<i>eximius</i> Schedl, <i>Pityophthorus</i>	997	(= <i>suturalis</i>)	320
<i>eximius</i> Schedl, <i>Xyleborus</i>	734	fasciatus Hagedorn, <i>Scolytoplatypus</i>	403
<i>eximius</i> Wood, <i>Dendroterus</i>	951	fasciatus LeConte, <i>Hylesinus</i>	80
<i>eximius</i> Wood, <i>Scolytodes</i>	392	<i>fasciatus</i> Reitter, <i>Scolytus</i> (= <i>kirschi</i>)	337
<i>exornatum</i> (Schedl), (<i>Pterocydon</i>), <i>Monarthrum</i>	1055	fastigatus Schedl, <i>Xyleborus</i>	735
<i>exornatus</i> Schedl, <i>Traglostus</i>	410	fastigatus Blandford, <i>Amphicramus</i>	1047
<i>expers</i> (Blandford), (<i>Hypothenemus</i>), <i>Scolytogenes</i>	861	fastigiorum Wood, <i>Monarthrum</i>	1056
<i>explicitus</i> Wood, <i>Pityophthorus</i>	998	fastigiatus (Wood), (<i>Loganius</i>), <i>Cnemomyx</i>	315
<i>expressus</i> Schedl, <i>Sphacrotypes</i>	199	<i>fauveli</i> Reitter, <i>Scolytus</i> (= <i>rugulosus</i>)	369
<i>expulsus</i> Wood, <i>Sampsonius</i>	656	<i>fejferi</i> Keler, (<i>Ips</i>), <i>Orthotomicus</i> (= <i>proximus</i>)	475
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<i>Pityophthorus</i>	998	felis Wood, <i>Cryphalus</i>	880
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exsculptus (Ratzeburg), <i>Pityophthorus</i>	998	femineus Wood, <i>Hylocurus</i>	424
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(= <i>apicalis</i>)	671	<i>ferrugineus</i> Boheman, (<i>Bostrichus</i>), <i>Xyleborus</i>	
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° facilis Heer, <i>Hylesinus</i>	80	ferulae Pfeffer, <i>Cisurgus</i>	630
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fagi (Nobuchi), (<i>Poccilips</i>), <i>Coccotrypes</i>	603	festivum Schedl, <i>Ctonoxylon</i>	837
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fagi Walsh, <i>Scolytus</i>	330	festivus Schedl, <i>Cyrtogenius</i>	565
falcarius Schedl, <i>Xyleborus</i>	735	festivus Wood, <i>Micracis</i>	432
fallaciosus (Schedl), (<i>Minipis</i>), <i>Acanthotomicus</i>	480	festivus Wood, <i>Pseudopityophthorus</i>	973
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(= <i>usagarius</i>)	665	festus Wood, <i>Scolytodes</i>	392
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- fici** Browne, *Hypocryphalus* 569
- fici* Wood, *Phlocotribus* 221
- fici* Wood, *Pyenarthrum* (= *reticulatum*) 355
- Ficicis** Lea 90
- ficolens** Wood, *Scolytodes* 392
- Ficiphagus* Murayama (= *Ficicis*) 90
- ficivorus** Murayama, *Cryphalus* 550
- ficivorus** Wood, *Scolytodes* 392
- ficus** (Schedl), (*Kissophagus*), *Hylesiniopsis* 94
- ficus** (Schwarz), (*Loganius*), *Cnemomyx* 315
- ficus* Beeson, *Cryphalus* (= *scabricollis*) 593
- ficus** Eggers, *Xyleborus* 740
- ficus** Erichson, *Hypoborus* 250
- ficus* Hopkins, (*Stephanoderes*), *Hypothenemus*
(= *seriatus*) 942
- fibrigi* Hopkins, (*Stephanoderes*), *Hypothenemus*
(= *seriatus*) 942
- figuratus** Schedl, *Xyleborus* 740
- fijianus** (Schedl), (*Lepicrinus*), *Scolytogenes* 561
- fijianus** (Schedl), (*Ozopemon*), *Cyrtogenius* 565
- fijianus** (Schedl), (*Pocillips*), *Coccotrypes* 603
- fijianus** (Schedl), (*Xyleborus*), *Xylosandrus* 794
- fijianus* Schedl, (*Stephanopodius*), *Hypothenemus*
(= *dorsosignatus*) 917
- filiformis** (Schedl), (*Xyleborus*), *Eucallacea* 655
- filliformis** Blandford, *Amphicranus* 1047
- filum** (Reitter), (*Crypturgus*), *Cisurgus* 630
- filum** Schedl, *Dendrochilus* 435
- fimbriaticorne** (Blandford), (*Pterocyclon*),
Monarthrum 1056
- fimbriatus** (Schedl), (*Gnathotrichus*),
Gnathotrypes 1040
- fimbriatus** Wood, *Pseudothysanoes* 413
- fimbricornis** LeConte, *Thysanoes* 420
- fiori* Eggers, (*Hylastinus*), *Pagiocerus* (= *frontalis*) 213
- fischeri** Hagedorn, *Xylebomis* 740
- fiskei* Blackman, *Scolytus* (= *unispinosus*) 350
- fitchi* Hopkins, *Xyleborus* (= *intrusus*) 745
- fivasi* Blackman, (*Myeloborus*), *Pityophthorus*
(= *ramiperda*) 1025
- flabellifer* Sampson, *Cryptalus* (= *scabricollis*) 593
- flagellatus** Wood, *Hylocurus* 425
- flagellifer** Blandford, *Cortlylus* 1073
- flaglerensis** Blackman, *Hylocurus* 425
- flavescens** Hagedorn, *Ctonoxylon* 537
- flavescens* Hopkins, (*Stephanoderes*), *Hypothenemus*
(= *interstitialis*) 931
- flavescens* usambaricum Eggers, *Ctonoxylon*
(= *flavescens*) 537
- flavicollis* Enderlein, *Colobothrus* (= *luridus*) 616
- flavicollis* Hopkins, (*Stephanoderes*), *Hypothenemus*
(= *eruditus*) 923
- flavicornis** (Blandford), (*Dryocoetes*),
Dryocoetops 557
- flavicornis** (Chapuis), (*Loganius*), *Cnemomyx* 315
- flavicornis* Chevrolat, *Scolytus* (= *multistriatus*) 353
- flavicornis* Lindberg, *Hylastes* (= *linearis*) 56
- flavimaculatus** Murayama, *Pityophthorus* 999
- flavipennis* Krausse, *Tomicus* (= *minor*) 123
- flavipennis** Schedl, *Xyleborus* 740
- flavipes** (Fabricius), (*Bostrichus*), *Taurodermus* 755
- flavipes* Hopkins, *Hypothenemus* 923
- flavipes* Panzer, *Hylurgus* (= *ligniperda*) 121
- flavipubeus** Schedl, *Strombophorus* 203
- flavopannus** Huang & Yin, *Hyporhynchus* 192
- flavopilosus* Schedl, *Cucinus* (= *setulosus*) 211
- flavopilosus** Schedl, *Xyleborus* 740
- flavosquamosus* Hopkins, *Hypothenemus*
(= *eruditus*) 922
- flarus** (Fabricius), (*Hylesinus*), *Dryocoetoides* 657
- flarus** Hopkins, *Hypothenemus* 926
- flavus* Krausse, *Tomicus* (= *minor*) 123
- flavus* Stephens, (*Tomicus*), *Xyleborus*
(= *dryographus*) 732
- fletcheri* Hopkins, *Deudroctonus* (= *rufipennis*) 173
- fleutiauxi* Blandford, *Xyleborus* (= *subcostatus*) 776
- flexilis* Hopkins, *Conophthorus* (= *ponderosae*) 966
- flexicostatus* Schedl, (*Xyleborus*), *Coptodryas*
(= *elegans*) 524
- floccosus** Hagedorn, *Dactylipalpus* 102
- flohri** (Eggers), (*Hylurgops*), *Hylastes* 54
- flohri** (Schedl), (*Pterocyclon*), *Monarthrum* 1056
- flohri* Schedl, *Xyleborus* (= *horridus*) 743
- floridensis** Atkinson, *Hylocurus* 425
- floridensis* Blackman, (*Tachyderes*), *Cryptocareus*
(= *seriatus*) 904
- floridensis* Hopkins, (*Ernoporides*), *Scolytogenes*
(= *knabi*) 563
- floridensis* Hopkins, (*Stephanoderes*), *Hypothenemus*
(= *seriatus*) 942
- floridensis* Hopkins, (*Xylocleptes*), *Deudrocraulus*
(= *carbouarius*) 550
- floridensis* Hopkins, (*Xyleborus*), *Xyleborinus*
(= *saxeseni*) 515
- floridensis* Schedl, *Coccotrypes* (= *distinctus*) 602
- foederatus** Schedl, *Xyleborus* 740
- foersteri** (Hagedorn), (*Xyleborus*), *Cyclorhpidion* 699
- foratus** Wood, *Cucinus* 205
- foratus* Wood, *Pityophthorus* (= *comosus*) 955
- forcipatus** (Schedl), (*Xyleborus*), *Xyleborinus* 507
- forcicatus** (Schedl), (*Xyleborus*), *Coptoborus* 663
- forciculoides** (Schedl), (*Xyleborus*), *Xyleborinus* 507
- forciculoides* dentibaris Schedl, (*Xyleborus*),
Xyleborinus (= *forciculoides*) 507
- forciculoides* pinguis Schedl, (*Xyleborus*), *Xyleborinus*
(= *forciculoides*) 507
- forciculus** (Eggers), (*Xyleborus*), *Xyleborinus* 507
- formosae** Wood, *Xyleborus* 740
- formosanus** (Schedl), (*Orosiotes*), *Cyrtogenius* 565
- formosanus** (Schedl), (*Xylechinus*),
Phlocosinopsioides 239
- formosanus** Browne, *Ptilopodius* 599
- formosanus* Browne, *Xyleborus* (= *formosae*) 740
- formosanus* Eggers, *Scolytus* (= *frontalis*) 331

<i>formosanus</i> Eggers, (<i>Xyleborus</i>), <i>Xylosandrus</i> (= <i>maucus</i>)	797	<i>frontalis</i> Schedl, <i>Lamurgus</i>	405
<i>formosanus</i> Nobuchi, <i>Dryocoetes</i>	582	<i>frontalis</i> Kurenzov, <i>Polygraphus</i> (= <i>sachalineusis</i>)	295
<i>formosanus</i> Schedl, <i>Cryphalus</i>	580	<i>frontalis</i> Wood <i>Araptus</i>	956
<i>formosanus</i> Schedl, <i>Hypocryphalus</i>	569	<i>frontalis</i> Wood, <i>Cnesinus</i>	205
<i>formosus</i> Bright, <i>Pityophthorus</i>	999	<i>frontalis</i> Wood, <i>Carphoborus</i>	305
fornicator Eggers, (<i>Xyleborus</i>), <i>Eucallacca</i> (= <i>fornicatus</i>)	690	<i>frontalis</i> Wood, <i>Pityoborus</i>	965
<i>fornicatus</i> (Eichhoff), (<i>Xyleborus</i>), <i>Eucallacca</i>	688	<i>frontalis</i> Wood, <i>Tricolus</i>	1043
<i>fortis</i> (Wood), (<i>Mimips</i>), <i>Acanthotomicus</i>	481	<i>frontalis</i> Zimmermann, <i>Dendroctonus</i>	143
<i>fortis</i> Blackman, <i>Pityophthorus</i> (= <i>rivialis</i>)	1033	<i>frontis</i> Wood, <i>Araptus</i>	956
<i>fossifrons</i> (LeConte), (<i>Pityophthorus</i>), <i>Pityogenes</i>	451	<i>frontoglabratus</i> (Schedl), (<i>Hexacolus</i>), <i>Scolytodes</i>	392
<i>fossifrons</i> Wood, <i>Araptus</i>	956	<i>frugalis</i> Wood, <i>Araptus</i>	956
<i>fossifrons</i> Wood, <i>Dendroctonus</i>	950	<i>frustrata</i> Wood, <i>Phrixosoma</i>	159
<i>fouqueti</i> (Schedl), <i>Cyclorhipidion</i>	699	<i>fryi</i> Blandford, <i>Amphicranus</i>	1047
<i>foveatus</i> (Blackman), (<i>Cnesinus</i>), <i>Bothrosterus</i>	215	<i>fuchsi</i> Reitter, <i>Scolytus</i> (= <i>scolytus</i>)	376
<i>foveicollis</i> (Browne), (<i>Xyleborus</i>), <i>Anasa</i>	683	<i>fugax</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	861
<i>foveifrons</i> (Schedl), (<i>Thamnophtorus</i>), <i>Araptus</i>	956	<i>fugax</i> Schedl, <i>Cryphalus</i>	580
<i>foveolatus</i> Eggers, <i>Pityogenes</i>	451	<i>fujisanus</i> (Nobuchi), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	861
<i>fragilis</i> (Browne), (<i>Streptocranus</i>), <i>Coptoborus</i>	663	<i>fukiensis</i> Eggers, <i>Tomicus</i> (= <i>brevipilosus</i>)	123
<i>fragosus</i> Schedl, (<i>Xyleborus</i>), <i>Coptodryas</i> (= <i>nugax</i>)	826	<i>fukiensis</i> Eggers, <i>Xyleborus</i>	740
<i>frankei</i> Wichmann, <i>Scolytus</i> (= <i>scheryzei</i>)	371	<i>fulgens</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	861
<i>frauseriae</i> Wood, <i>Pityophthorus</i>	999	<i>fulgens</i> (Schedl), (<i>Poccilips</i>), <i>Coccotrypes</i>	603
<i>fraseri</i> Hopkins, <i>Cryphalus</i> (= <i>ruficollis</i>)	891	<i>fulgens</i> (Schedl), (<i>Xyleborus</i>), <i>Anasa</i>	683
<i>fraterculus</i> (Schaufuss), <i>Ambrosiodmus</i>	674	<i>fulgens</i> Schedl, <i>Monarthrum</i>	1056
<i>fraterculus</i> Blandford, (<i>Xyleborus</i>), <i>Eucallacca</i> (= <i>xanthopus</i>)	696	<i>fulgens</i> Schedl, <i>Pityophthorus</i>	999
<i>fraxini</i> (Berger), (<i>Ernoporus</i>), <i>Procryphalus</i>	545	<i>fulgens</i> Swaine, <i>Phloccosinus</i>	247
<i>fraxini</i> (Eggers), (<i>Phloccophthorus</i>), <i>Phloeotribus</i>	221	<i>fulgens</i> Wood, <i>Cnesinus</i>	205
<i>fraxini</i> Panzer, (<i>Bostrichus</i>), <i>Hylesinus</i> (= <i>rarius</i>)	86	<i>fulgidum</i> Wood, <i>Pycnarthrum</i>	354
<i>fraxini</i> Stark, <i>Scolytus</i> (= <i>japonicus</i>)	335	<i>fulgidus</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	861
<i>fraxinoides</i> Beeson, <i>Hylesinus</i> (= <i>macmahoui</i>)	81	<i>fulgidus</i> Blackman, <i>Hylastes</i>	54
<i>fraxinoides</i> Schedl, (<i>Lepersinus</i>), <i>Hylesinus</i> (= <i>macmahoui</i>)	81	<i>fulgidus</i> Wood, <i>Amphicranus</i>	1047
<i>freiburgi</i> Schedl, <i>Xylechinus</i>	115	<i>fulgidus</i> Wood, <i>Cnesinus</i>	205
<i>freuatus</i> (Schedl), (<i>Thamnophtorus</i>), <i>Araptus</i>	956	<i>fulgidus</i> Wood, <i>Dendroceramus</i>	551
<i>freyi</i> Schedl, (<i>Probolochelus</i>), <i>Gymnochilus</i> (= <i>zonatus</i>)	357	<i>fuliginosus</i> (Eggers), (<i>Xyleborus</i>), <i>Arixyleborus</i>	666
<i>freyi</i> Schedl, <i>Phloccoborus</i>	99	<i>fuliginosus</i> Blandford, <i>Cryphalus</i>	880
<i>frigidus</i> (Schedl), (<i>Orosiotes</i>), <i>Cyrtogenius</i>	565	<i>fuliginosus</i> Blandford, <i>Xylechinus</i>	115
<i>frigidus</i> Blackburn, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= <i>saxeseni</i>)	814	<i>fulmineus</i> Wood, <i>Cryphalus</i>	880
<i>froggatti</i> Numberg, <i>Hypocryphalus</i> (= <i>perminimus</i>)	571	<i>fulmineus</i> Wood, <i>Scolytodes</i>	392
<i>frondicoleus</i> Wood, <i>Pseudothysanoes</i>	413	<i>fulvipennis</i> (Nobuchi), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	861
<i>frontale</i> Eggers, <i>Liparthrum</i> (= <i>curtum</i>)	276	<i>fulvipennis</i> Niisima, <i>Polygraphus</i>	286
<i>frontalis</i> (Fabricius), (<i>Bostrichus</i>), <i>Pagiocerus</i>	213	<i>fulvulus</i> Schedl, <i>Xyleborus</i>	740
<i>frontalis</i> (Olivier), (<i>Scolytus</i>), <i>Phloeotribus</i>	221	<i>fulvus</i> (Murayama), (<i>Xyleborus</i>), <i>Eucallacca</i>	690
<i>frontalis</i> (Schedl), (<i>Breviophthorus</i>), <i>Pityophthorus</i>	999	<i>fulvus</i> Browne, <i>Margadillius</i>	899
<i>frontalis</i> (Schedl), (<i>Gnathotrichus</i>), <i>Gnathotruxes</i>	1040	<i>fulvus</i> Niisima, <i>Cryphalus</i>	880
<i>frontalis</i> (Wood), (<i>Erioschidias</i>), <i>Cosmoderes</i>	901	<i>fulvus</i> Schedl, <i>Xyleborus</i> (= <i>fulvulus</i>)	740
<i>frontalis</i> Blandford, <i>Scolytus</i>	331	<i>fumatus</i> DeGeer, <i>Tomicus</i> (= <i>piniperda</i>)	125
<i>frontalis</i> Bruck, <i>Phloccosinus</i>	247	<i>funebri</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	674
<i>frontalis</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>brunneus</i>)	911	<i>funebri</i> Wood, <i>Pseudothysanoes</i>	413
<i>frontalis</i> Schedl, (<i>Gnathocranus</i>), <i>Araptus</i> (= <i>frontis</i>)	956	<i>funereus</i> (Lea), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	674
		<i>funereus</i> Wood, <i>Pseudothysanoes</i>	414
		<i>funerium</i> Wood, <i>Pycnarthrum</i>	354
		<i>funestus</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	674
		<i>fungicola</i> Eggers, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>ureceae</i>)	907

- furcatus* Marshall, (*Ips*), *Pteleobius* (= *rittatus*) 72
furussii Blackman, *Phloeosinus* 247
furussii Blackman, *Pseudohylesinus* (= *nobilis*) 112
furussii Bright, *Pityophthorus* 999
furukawai Murayama, *Cryphalus* 880
furcatus Wood, *Pseudothysanoes* 414
furvescens Wood, *Araptus* 957
furvescens Wood, *Cnemonyx* 315
furvescens Wood, *Pseudothysanoes* 414
furrum Wood, *Corthyzyclon* 1067
furrus (Sampson), (*Dryocoetes*), *Coccotrypes* 603
furrus Wood, *Araptus* 957
furrus Wood, *Phloeotribus* 222
furrus Wood, *Pseudothysanoes* 414
fuscatus Eichhoff, *Xyleborus* (= *ferrugineus*) 737
fuscescens Stephens, (*Hylurgus*), *Hylastinus*
 (= *obscurus*) 67
fuscicollis (Eichhoff), (*Stephanoderes*),
Hypothenemus 926
fuscicollis Hagedorn, *Ozopemon* 589
fuscipennis (Chapuis), (*Phloeotribus*), *Hylesinopsis* 94
fuscipennis Krausse, *Tomicus* (= *minor*) 123
fuscipilosus (Eggers), (*Xyleborus*), *Amasa* 683
fusciserialus Eggers, *Xyleborus* (= *spinulosus*) 775
fuscobrunneus Eichhoff, *Xyleborus* (= *affinis*) 708
fuscorilosa (Schedl), (*Bothryperus*), *Phrixosoma* 189
fuscum Hagedorn, *Ctonoxylon* (= *camerunum*) 837
fuscus Blackman, (*Renocis*), *Chaetophloeus*
 (= *heterodoxus*) 272
fuscus Blackman, *Pityophthorus* 999
fuscus Blandford, *Corthylus* 1074
fuscus Duftschmidt, (*Hylesinus*), *Hylurgops*
 (= *palliatus*) 35
fuscus Eggers, (*Xyleborus*), *Hadrodemius* (= *globus*) 519
fuscus Marshall, (*Ips*), *Tapirorychus* (= *bicolor*) 558
fushumensis Murayama, (*Hylurgops*), *Hylastes*
 (= *plumbeus*) 60
fuyugei Schedl, *Xyleborus* 740
gaimaensis (Murayama), (*Xyloterus*),
Trypodendron 635
galeatus (Blandford), (*Xyleborus*), *Eucallalca* 690
galeatus (Eggers), (*Steganoctonus*), *Amphicranus*
 (= *eichhoffi*) 1047
galeritus Eichhoff, *Cnemonyx* 315
galeritus Wood, *Pityophthorus* 999
gallicus Eggers, *Kissophagus* (= *hederae*) 65
galoanus (Browne), (*Xyleborus*), *Eucallalca* 690
gambetti Blackman, *Pseudothysanoes* (= *sedulus*) 417
ganshoensis Murayama, *Xyleborus* 740
garambaensis Nunberg, *Cryphalus* 881
garciae Schedl, (*Stephanoderes*), *Hypothenemus*
 (= *stigosus*) 945
garcinae (Schedl), (*Bothryperus*), *Phrixosoma* 189
gardneri Schedl, *Tiarophorus* 539
garrulus Schedl, *Cnesinus* 208
gaujonii Fairmaire, *Phloeoborus* 99
gaunersdorferi Reitter, *Crypturgus* (= *pusillus*) 625
geayi Hagedorn, *Xyleborus* 740
gedeanus (Eggers), (*Thamniurgides*), *Coccotrypes* 603
gedeanus (Schedl), (*Xyleboricus*), *Araxyleborus* 666
gemellus Blandford, *Glochimocerus* 1064
geminatus (Hagedorn), (*Xyleborus*), *Amasa* 683
geminatus Zetterstedt, (*Bostrichus*), *Ips*
 (= *acuminatus*) 489
geminus Wood, *Phloeotribus* 222
genialis Wood, *Araptus* 957
 Genera Incertae Sedis 1052
genialis Wood, *Scolytodes* (= *gemmaeus*) 392
genialis Wood, *Scolytodes* 392
genistae (Aube), (*Hypoborus*), *Liparthrum* 277
gemmaeus Wood, *Scolytodes* 392
gentilis (Schedl), (*Xyleborus*), *Coptoborus* 663
gentilis Schedl, (*Pityophthorus*), *Gnatholeptus*
 (= *shannoni*) 970
geoffroi Goeze, (*Dermestes*), *Scolytus* (= *scolytus*) 374
georgi Knotek, *Liparthrum* (= *genistae*) 277
georgiae Hopkins, (*Stephanoderes*), *Hypothenemus*
 (= *serialus*) 941
georgiae Hopkins, *Trischidius* 947
gergeri Eggers, (*Hylastes*), *Hylurgops* (= *batnensis*) 30
germanus (Blandford), (*Xyleborus*), *Xylosandrus* 795
germanus Bright, *Pityophthorus* 1000
geruari Eichhoff, (*Stephanoderes*), *Hypothenemus*
 (= *eruditus*) 921
germeauxi Menier, *Colobotheus* 616
geschwindi Seitner, (*Phloeophthorus*), *Phloeotribus*
 (= *cristatus*) 220
gezei Lepesme, *Xyleborus* 741
ghanaensis (Schedl), (*Cryphalomorphus*),
Scolytogenes 861
ghanaensis (Schedl), (*Hypocryphalus*),
Stephanopodius 853
ghanaensis Schedl, *Hypothenemus* (= *fuscicollis*) 926
ghanaensis Schedl, *Pityophthorus* 1000
ghesquierei Eggers, *Coccotrypes* 603
gibber (Schedl), (*Pterocyclon*), *Monarthrum* 1056
gibber Blackman, *Chramesus* (= *asperatus*) 263
gibber Schedl, *Xyleborus* 741
gibbosus Wood, *Cnesinus* 208
gibbulus Wood, *Cnesinus* 208
gibbus (Chapuis), (*Cnemophilus*), *Cnesinus* 208
gibbus Fabricius, (*Hylesinus*), *Camptocerus*
 (= *aeneipennis*) 315
gifensis Murayama, *Phloeosinus* (= *gifuensis*) 247
gifuensis Murayama, *Phloeosinus* 247
giganteus (Schedl), (*Micracis*), *Hylocurus* 425
giganteus Schedl, *Cryphalus* 881
giganteus Schedl, *Ozopemon* 589
giganteus Schedl, *Stephanopodius* 853
gigas Schedl, *Cryphalus* 881
gillerforsi Bright, *Phloeosinus* 247
gilvipes Blandford, (*Xyleborus*), *Ambrosiodmus*
 (= *obliquus*) 677
glabellus Schedl, (*Stephanoderes*), *Hypothenemus*
 (= *hampei*) 930

<i>glaber</i> (Eggers), (<i>Loganius</i>), <i>Cucumonyx</i>	316	<i>Glostatus</i> Schedl	535
<i>glaber</i> (Eichhoff), (<i>Hexacolus</i>), <i>Scolytodes</i>	392	<i>glutae</i> Wood, <i>Pityophthorus</i>	1001
<i>glaber</i> (Schedl), (<i>Eulepiops</i>), <i>Cyrtogenius</i>	565	<i>Glyptoderes</i> Eichhoff, <i>Trypophloeus</i>	542
<i>glaber</i> (Schedl), (<i>Problechilus</i>), <i>Gymnochilus</i>	386	<i>gnarum</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1056
<i>glaber</i> Eggers, (<i>Xyleborus</i>), <i>Amasa</i> (= <i>schlichii</i>)	684	Gnatharus Wood & Yin	1050
<i>glaber</i> Eggers, <i>Scolytodes</i> (= <i>glaberrimus</i>)	393	<i>Gnathoborus</i> Schedl (= <i>Araptus</i>)	953
<i>glaber</i> Eggers, <i>Scolytoplatypus</i>	403	<i>Gnathocortus</i> Schedl (= <i>Gnathotrupes</i>)	1039
<i>glaber</i> Wood, (<i>Prionosecles</i>), <i>Scolytodes</i> (= <i>glabrescens</i>)	392	<i>Gnathocranus</i> Schedl (= <i>Araptus</i>)	953
<i>glaberrimus</i> Schedl, (<i>Xyleborus</i>), <i>Cnestus</i> (= <i>aterrimus</i>)	802	<i>Gnathoglochinus</i> Schedl (= <i>Gnathotrupes</i>)	1039
<i>glaberrimus</i> Wood, <i>Scolytodes</i>	392	Gnatholeptus Blackman	970
<i>glabrinus</i> Bright, <i>Corthylus</i> (= <i>mexicanus</i>)	1075	<i>Gnathomimus</i> Schedl (= <i>Gnathotrupes</i>)	1039
<i>glabratellus</i> Schedl, <i>Hypothenemus</i> (= <i>eruditus</i>)	925	<i>Gnathophorus</i> Schedl (= <i>Pityophthorus</i>)	977
<i>glabratulus</i> (Schedl), (<i>Ctenyophthorus</i>), <i>Pityophthorus</i>	1000	<i>Gnathophthorus</i> Wood (= <i>Pityophthorus</i>)	977
<i>glabratulus</i> (Schedl), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	926	<i>Gnathotrichina</i> Balachowsky, part (= <i>Corthylina</i>)	1034
<i>glabratulus</i> Browne, <i>Xyleborus</i>	741	<i>Gnathotrichoides</i> Blackman (= <i>Gnathotrichus</i>)	1034
<i>glabratus</i> (Ferrari), (<i>Corthylus</i>), <i>Microcorthylus</i>	1065	Gnathotrichus Eichhoff	1034
<i>glabratus</i> (Schedl), (<i>Hexacolus</i>), <i>Scolytodes</i>	393	° <i>gnathotrichus</i> Schedl, <i>Taphramites</i>	1052
<i>glabratus</i> (Schedl), (<i>Loganius</i>), <i>Cucumonyx</i>	316	Gnathotrupes Schedl	1039
<i>glabratus</i> (Zetterstedt), (<i>Hylurgus</i>), <i>Hylurgops</i>	31	<i>Gnathotrypianus</i> Wood (= <i>Gnathotrupes</i>)	1039
<i>glabratus</i> Eichhoff, <i>Pityophthorus</i>	1000	<i>godmani</i> (Blandford), (<i>Xyleborus</i>), <i>Taurodenus</i>	755
<i>glabratus</i> Eichhoff, <i>Xyleborus</i>	741	<i>golbachii</i> Schedl, <i>Scolytus</i>	331
<i>glabratus</i> Schedl, <i>Hylcops</i>	237	<i>goliathoides</i> Murayama, (<i>Phlocosinus</i>), <i>Ficicis</i> (= <i>despectus</i>)	91
<i>glabratus</i> Schedl, <i>Hypocryphalus</i>	869	<i>goloanus</i> (Browne), (<i>Xyleborus</i>), <i>Euwallacea</i>	690
<i>glabratus</i> Schedl, <i>Hypothenemus</i> (= <i>eruditus</i>)	925	<i>golotjankoi</i> Pjatnitzky, <i>Orthotomicus</i>	469
<i>glabrellus</i> (Schedl), (<i>Hexacolus</i>), <i>Scolytodes</i>	393	<i>goniomma</i> Enderlein, <i>Aphanarthrum</i> (= <i>mairei</i>)	619
<i>glabrescens</i> Wood, <i>Scolytodes</i>	392	<i>gorggae</i> Schedl, <i>Xyleborus</i>	741
<i>glabricollis</i> Schedl, <i>Araptus</i> (= <i>confinis</i>)	954	<i>gorontalosis</i> (Schedl), (<i>Xyleborus</i>), <i>Coptodryas</i>	524
<i>glabriculum</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1056	<i>gossypii</i> (Hopkins), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	926
<i>glabrifrons</i> (Blandford), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1056	<i>gracile</i> Eichhoff, (<i>Pterocyclon</i>), <i>Monarthrum</i> (= <i>fasciatum</i>)	1056
<i>glabripennis</i> (Hopkins), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	926	<i>gracilens</i> Wood, <i>Araptus</i>	957
<i>glabripennis</i> Schedl, (<i>Xyleborus</i>), <i>Cnestus</i> (= <i>aterrimus</i>)	802	<i>gracilens</i> Wood, <i>Cucumonyx</i>	316
<i>glabrum</i> Wollaston, <i>Aphanarthrum</i>	618	<i>gracilentum</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1056
<i>glabrum nudum</i> Israelson, <i>Aphanarthrum</i> (= <i>glabrum</i>)	618	<i>gracilentus</i> (Schedl), (<i>Neodryocoetes</i>), <i>Araptus</i>	957
<i>glandis</i> Beeson, (<i>Thamniurgides</i>), <i>Coccotrypes</i> (= <i>papuensis</i>)	605	<i>gracilicornis</i> (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	807
<i>glaucus</i> (Sampson), (<i>Xyleborus</i>), <i>Amasa</i>	653	<i>gracilicornum</i> Schedl, (<i>Pterocyclon</i>), <i>Monarthrum</i> (= <i>exornatum</i>)	1055
<i>globosus</i> (Eggers), (<i>Troglobitica</i>), <i>Acacis</i>	193	<i>gracilior</i> (Schedl), (<i>Apoglostatus</i>), <i>Glostatus</i>	835
<i>globosus</i> (Eichhoff), (<i>Hylesinus</i>), <i>Dendrosinus</i>	237	<i>gracilior</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1056
<i>globosus</i> Hagedorn, (<i>Hapalogenius</i>), <i>Hylesinopsis</i> (= <i>fuscipennis</i>)	94	<i>gracilior</i> Browne, <i>Cryptoxyleborus</i>	828
<i>globosus</i> Hagedorn, <i>Chramesus</i>	265	<i>gracilipennis</i> (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	807
<i>globosus</i> Strohmeyer, <i>Glochiphorus</i>	271	<i>gracilipennis</i> Schedl, <i>Tricolus</i>	1043
<i>globulus</i> Blandford, <i>Sphaerotrypes</i>	199	<i>gracilipes</i> (Eichhoff), (<i>Platydaetylus</i>), <i>Eccoptyopterus</i>	820
<i>globulus</i> Stelbing, (<i>Chramesus</i>), <i>Sphaerotrypes</i> (= <i>querci</i>)	201	<i>gracilis</i> (Eichhoff), (<i>Xyleborus</i>), <i>Xyleborinus</i>	808
<i>globus</i> (Blandford), (<i>Xyleborus</i>), <i>Hadrodemius</i>	519	<i>gracilis</i> (Schedl), (<i>Corthylominimus</i>), <i>Cortheloderes</i> , <i>Corthylus</i>	1074
<i>Glochipterus</i> Schedl (= <i>Hylesinopsis</i>)	92	<i>gracilis</i> (Schedl), (<i>Lepicerinus</i>), <i>Scolytogenes</i>	861
Glochinerus Blandford	1064	<i>gracilis</i> (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	481
Glochiphorus Strohmeyer	271	<i>gracilis</i> (Schedl), (<i>Neodryocoetes</i>), <i>Araptus</i>	957
		<i>gracilis</i> (Schedl), (<i>Ozodendron</i>), <i>Cyrtogenius</i>	565
		<i>gracilis</i> (Schedl), (<i>Phacrylus</i>), <i>Acorthylus</i>	853
		<i>gracilis</i> Blackman, <i>Pseudopityophthorus</i> (= <i>asperulus</i>)	972
		<i>gracilis</i> Blandford, <i>Cnesinus</i>	208

- gracilis* Browne, *Cyrtogenius* (= *gracillianus*) 565
- gracilis** Browne, *Eidophelus* 567
- gracilis* Browne, *Webbia* 531
- gracilis* Eggers, (*Stephanoderes*), *Hypothencemus*
(= *eruditus*) 924
- gracilis* Eggers, *Amphicranus* 1047
- gracilis* Eggers, *Tricolus* 1043
- gracilis* Eichhoff, *Pycnarthrum* (= *hispidum*) 355
- gracilis* LeConte, *Hylastes* 54
- gracilis* Niisima, *Polygraphus* 256
- gracilis* Schedl, *Lamurgus* 408
- gracilis* Schedl, *Scolytodes* 393
- gracilis* Swaine, *Pityophthorus* (= *murrayanae*) 1014
- gracilis** Wood, *Chramesus* 265
- gracilis* Wood, *Dendrocranius* 551
- gracillimus** Wood, *Cyrtogenius* 565
- granatus** Schedl, *Xyleborus* 741
- graude** Schedl, *Rhopalopselion* 96
- grandiclava** Thomson, *Polygraphus* 256
- grandiclavatus** Eggers, *Microcorthyus* 1066
- grandicollis** (Eichhoff), (*Tomicus*), *Ips* 506
- grandicollis* Swaine, *Hylurgops* (= *iucomptus*) 34
- grandidentatus* Schedl, *Scolytoplatypus*
(= *eichelbaumi*) 402
- grandis** (Beeson), (*Pelicerus*), *Cyrtogenius* 565
- grandis** (Eggers), (*Poecilips*), *Coccotrypes* 604
- grandis** (Erichson), (*Phloeotrupes*), *Phloeoborus* 99
- grandis** (Schedl), (*Hexacolus*), *Scolytodes* 393
- grandis** (Schedl), (*Neodryocoetes*), *Araptus* 957
- grandis** (Schedl), (*Xyleboricus*), *Arxyleborus* 666
- grandis** Blackman, *Pityophthorus* 1001
- grandis** Browne, *Acanthotomicus* 451
- grandis* Chamberlin, *Cryphalus* (= *ruficollis*) 592
- grandis** Eichhoff, *Xyleborus* 741
- grandis* Kurenzov, *Scolytus* (= *trispuiosus*) 375
- grandis** Numberg, *Polygraphus* 257
- grandis* Schedl, (*Cryphalomorphus*), *Hypothencemus*
(= *ingens*) 931
- grandis** Schedl, *Cnesinus* 209
- grandis** Schedl, *Cryphalomimus* 535
- grandis** Schedl, *Hypothencemus* 926
- grandis** Schedl, *Micracis* 432
- grandis* Schedl, *Scolytodes* (= *eximius*) 392
- grandis** Schedl, *Sphaerotrypes* 199
- grandis** Schedl, *Trypophloeus* 544
- grandis* Swaine, *Pseudohylesinus* (= *sericeus*) 112
- grangeri** (Peyerimhoff), (*Lymantor*), *Triotemnus* 541
- graniceps** (Eichhoff), (*Dryocoetes*), *Coccotrypes* 604
- graniceps* Eichhoff, *Coccotrypes* (= *graniceps*) 604
- granicollis** (LeConte), (*Xyleborus*), *Dryocoetes* 552
- granicollis* Eichhoff, (*Phloeophthorus*), *Phloeotribus*
(= *frontalis*) 222
- grauifer** (Eichhoff), (*Xyleborus*), *Arxyleborus* 666
- grauifer* borneensis Schedl, *Arxyleborus*
(= *grauifer*) 666
- grauifer** Browne, *Diamerus* 195
- grauiger* Eichhoff, (*Dendroctonus*), *Phloeosinus*
(= *dentatus*) 246
- grauiger** Schedl, *Xyleborus* 741
- grauistriatus** (Schedl), (*Orosiotes*), *Cyrtogenius* 565
- grauistriatus* Eggers, (*Xyleborus*), *Arxyleborus*
(= *imitator*) 667
- graniticus** Wood, *Pseudohysanocs* 414
- grauosus** (Schedl), (*Xyleborus*), *Eucallacea* 690
- grauosus* Chapuis, *Hylastes* (= *porculus*) 61
- grauosus** Eichhoff, *Phloeoborus* 99
- grauosus** Schedl, *Phloeosinus* 247
- granularis* Schedl, *Xyleborus* (= *rolulus*) 753
- granulatum** Blandford, *Styphlosoma* 950
- granulatum** Bright, *Monarthrum* 1056
- granulatum* Eggers, *Tripodendron* (= *lineatum*) 643
- granulatus** (Eggers), (*Pagiocerus*), *Chramesus* 265
- granulatus** (Ferrari), (*Xylocleptes*),
Acanthotomicus 451
- grauulatus** (LeConte), (*Hylastes*),
Pseudohylesinus 110
- granulatus** (Lepesme), (*Kissoplagus*),
Hylesinopsis 94
- granulatus** (Ratzeburg), (*Bostrichus*),
Trypophloeus 544
- ° **granulatus** (Schedl), (*Hylescrites*), *Hylurgops* 33
- granulatus** (Wood), (*Cryphalomorphus*),
Scolytogenes 562
- granulatus** Blackman, *Pseudopityophthorus* 973
- granulatus* Brick, *Phloeosinus* (= *frontalis*) 247
- granulatus** Eggers, *Diamerus* 195
- granulatus* Eggers, *Hylastinus* (= *obscurus*) 65
- granulatus* Eggers, *Hyorhynchus* (= *Lewisii*) 192
- granulatus** Eggers, *Phloeoborus* 99
- granulatus** Eggers, *Polygraphus* 257
- granulatus* Niisima, *Polygraphus* (= *japonicus*) 255
- granulatus* Schedl, (*Neodryocoetes*), *Araptus*
(= *tenellus*) 962
- grauulatus** Schedl, *Corthyus* 1074
- grauulatus** Schedl, *Hypocryphalus* 569
- grauulatus** Schedl, *Ozopenon* 559
- granulatus* Swaine, *Pityophthorus* (= *consimilis*) 991
- granulatus** Wood, *Cactopinus* 435
- granulicauda** (Eggers), (*Xyleborus*),
Dryocoetoides 657
- granulicauda** Schedl, *Arxyleborus* 666
- granulicauda* Schedl, (*Poecilips*),
Coccotrypes (= sp.?) 591
- granulicauda* Schedl, *Pityophthorus* (= *terebrans*) 1031
- granulicauda** Schedl, *Polygraphus* 255
- granulicollis** (Schedl), (*Neodiamerus*), *Acacacis* 193
- granulicollis* Schedl, (*Dendriops*), *Cosmoderes*
(= *monilicollis*) 901
- granulicollis** Schedl, *Thammurgus* 543
- granulifer** (Beeson), (*Pelicerus*), *Cyrtogenius* 565
- granulifer** (Eggers), (*Xyleborus*), *Arxyleborus* 666
- granulifer** Eggers, *Polygraphus* 255
- granulifer** Eggers, *Strombophorus* 203

<i>granulifer</i> Motschulsky, (<i>Hylesinus</i>), <i>Ficicis</i> (= <i>despectus</i>)	90	<i>grouellei</i> (Blandford), (<i>Ethadopsclaphus</i>), <i>Dactylipalpus</i>	102
<i>granulifer</i> Reitter, <i>Scolytus</i> (= <i>jaroschevskii</i>)	336	<i>grouellei</i> Blandford, <i>Anaphicranus</i>	1047
<i>granulifer</i> Wood, <i>Cactopinus</i>	435	<i>guadeloupanus</i> Wood, <i>Araptus</i>	957
<i>granulifer</i> Wood, <i>Corthylus</i>	1074	<i>guadeloupenis</i> Eggers, <i>Cucinus</i>	209
<i>granulifer</i> Wood, <i>Pseudopityophthorus</i>	973	<i>guadeloupenis</i> Numberg, (<i>Pityophthorus</i>), <i>Araptus</i> (= <i>eggersianus</i>)	956
<i>granulifer</i> Wood, <i>Thysanoes</i>	420	<i>guadeloupenis</i> Schedl, (<i>Brachydendrus</i>), <i>Araptus</i> (= <i>guadeloupanus</i>)	957
<i>granulipennis</i> (Schedl), (<i>Neodryocoetes</i>), <i>Araptus</i>	957	<i>guadeloupenis</i> Schedl, (<i>Neodryocoetes</i>), <i>Araptus</i> (= <i>laevigatus</i>)	958
<i>granulipennis</i> Eggers, (<i>Xyleborus</i>), <i>Eucallacca</i> (= <i>andamanensis</i>)	686	<i>guadeloupenis</i> Schedl, <i>Hypothenemus</i> (= <i>plumeriae</i>)	939
<i>granulipennis</i> Schedl, <i>Chramesus</i>	266	<i>guanaguatensis</i> Duges, <i>Xyleborus</i> (= <i>rolulus</i>)	752
<i>granulipennis</i> Schedl, <i>Phloeosinus</i>	247	<i>guatemalensis</i> (Hopkins), (<i>Xylocleptes</i>), <i>Dendrocraniulus</i>	551
<i>granulipennis</i> Schedl, <i>Pityophthorus</i> (= <i>terebrans</i>)	1031	<i>guatemalensis</i> (Wood), (<i>Leperisimus</i>), <i>Hylesinus</i>	50
<i>granulipennis</i> Schedl, <i>Pityophthorus</i>	1001	<i>guatemalensis</i> Blandford, <i>Pityophthorus</i>	1001
<i>granulipennis</i> Schedl, <i>Xylocleptes</i>	549	<i>guatemalensis</i> Hopkins, (<i>Ambrosiodmus</i>), <i>Ambrosiodmus</i> (= <i>hagedorni</i>)	674
<i>granulipes</i> Schedl, <i>Xyleborus</i>	741	<i>guatemalensis</i> Hopkins, (<i>Stephanodres</i>), <i>Hypothenemus</i> (= <i>crudiae</i>)	915
<i>granulosus</i> (Schedl), (<i>Breviophthorus</i>), <i>Pityophthorus</i>	1001	<i>guatemalensis</i> Hopkins, <i>Dryocoetoides</i> (= <i>capucinus</i>)	657
<i>granulosus</i> Schedl, <i>Xyleborus</i> (= <i>partitus</i>)	755	<i>guayanensis</i> Eggers, <i>Corthylus</i> (= <i>papulans</i>)	1076
<i>granurus</i> Browne, <i>Xyleborus</i>	741	<i>guayanensis</i> Eggers, <i>Phlocoborus</i>	99
graphus Duftschmidt, <i>Hylastes</i> (= <i>angustatus</i>)	44	<i>guayanensis</i> Eggers, <i>Xyleborus</i> (= <i>tumucensis</i>)	779
<i>gratiosus</i> Schedl, <i>Xyleborus</i>	741	<i>guerinae</i> (Schedl), (<i>Bostrichips</i>), <i>Pseudothysanoes</i>	414
<i>gratus</i> Schedl, <i>Xyleborus</i>	741	<i>guianae</i> Blackman, (<i>Neodryocoetes</i>), <i>Araptus</i> (= <i>hymenaeae</i>)	955
<i>gravelyi</i> Wichmann, <i>Xyleborus</i>	741	<i>guiboutiae</i> (Schedl), (<i>Microrryphalus</i>), <i>Eniocladius</i>	857
<i>gravidus</i> (Blandford), (<i>Dryocoetes</i>), <i>Ozopemon</i>	589	<i>guldi</i> Blackman, <i>Ips</i> (= <i>latidens</i>)	511
<i>gravidus</i> (Blandford), (<i>Xyleborus</i>), <i>Xylosandrus</i>	796	<i>guillebeani</i> Reitter, (<i>Phloeophthorus</i>), <i>Phlocotribus</i> (= <i>pubifrons</i>)	225
<i>graji</i> Schedl, <i>Cryphalus</i> (= <i>tetricus</i>)	897	<i>guineensis</i> (Eggers), (<i>Xyleborus</i>), <i>Cyclorhynchus</i>	699
<i>grenadensis</i> Hopkins, <i>Xyleborus</i> (= <i>rolulus</i>)	753	<i>guineensis</i> Hagedorn, (<i>Hyphaeni</i>), <i>Coccotrypes</i> (= sp.?)	591
<i>gretschkini</i> Sokanovskii, <i>Scolytus</i>	331	<i>gummensis</i> (Murayama), (<i>Pruniphagus</i>), <i>Xylechinus</i>	116
<i>Gretschkinia</i> Sokanovskii (= <i>Pseudothysanoes</i>)	411	<i>gundlachi</i> Eggers, (<i>Xyleborus</i>), <i>Ambrosiodmus</i> (= <i>lecontei</i>)	675
<i>griseopubescens</i> Schedl, <i>Diamerus</i>	195	<i>gunneri</i> Schedl, <i>Pityophthorus</i>	1001
<i>griseum</i> Schedl, <i>Ctonoxylon</i>	837	<i>guttifer</i> (Schedl), (<i>Xyleboricus</i>), <i>Araxyleborus</i>	667
<i>griseus</i> Blackburn, (<i>Hypothenemus</i>), <i>Hypocryphalus</i> (= <i>mangiferae</i>)	570	<i>guyanaensis</i> (Schedl), <i>Scolytodes</i>	393
<i>griseus</i> Eggers, <i>Polygraphus</i> (= <i>poligraphus</i>)	295	Gymnochilus Eichhoff	356
<i>griseus</i> Marsham, (<i>Ips</i>), <i>Hylesinus</i> (= <i>varius</i>)	56	<i>haagi</i> Eichhoff, (<i>Dendroctonus</i>), <i>Phloeosinus</i> (= <i>dentatus</i>)	246
<i>griseus</i> Swaine, <i>Pseudohylesinus</i> (= <i>nebulosus nebulosus</i>)	110	<i>haberkorni</i> Eggers, <i>Xyleborus</i>	741
<i>griseopuberulus</i> Schedl, <i>Coccotrypes</i> (= <i>carpophagus</i>)	597	<i>habilis</i> Wood, <i>Scolytodes</i>	393
<i>grobleri</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	862	<i>haddeni</i> Schedl, <i>Xyleborus</i>	742
<i>grobleri</i> Schedl, <i>Microrryphalus</i>	411	Hadrodemius Wood	815
<i>grossepunctatus</i> (Schedl), (<i>Policerus</i>), <i>Cyrtogenius</i>	565	<i>haemorrhoidalis</i> Marsham, (<i>Ips</i>), <i>Hylesinus</i> (= <i>varius</i>)	89
<i>grossepunctatus</i> Browne, (<i>Cryphalomorphus</i>), <i>Scolytogenes</i> (= <i>puncticollis</i>)	865	<i>haemorrhous</i> Schmidberger, <i>Scolytus</i> (= <i>rugulosus</i>)	369
<i>grossepunctatus</i> Eggers, <i>Ozopemon</i>	589	<i>haesitus</i> Schedl, <i>Xyleborus</i>	742
<i>grossepunctatus</i> Schedl, <i>Thamurgus</i>	543	<i>hagedorni</i> (Iglesias), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	674
<i>grossmanni</i> Schedl, <i>Xyleborus</i>	741	<i>hagedorni</i> (Schedl), (<i>Prionosceles</i>), <i>Scolytodes</i>	393
<i>grossopunctatus</i> Schedl, (<i>Xyleborus</i>), <i>Coccotrypes</i> (= <i>gedeanus</i>)	603	<i>hagedorni</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1057
<i>grossopunctatus</i> Schedl, <i>Dendrocraniulus</i> (= <i>macilentus</i>)	552		
<i>grossus</i> Chapuis, <i>Phlocoborus</i>	99		
<i>grothi</i> Hagedorn, (<i>Cryphalus</i>), <i>Trypophloeus</i> (= <i>binodulus</i>)	844		

<i>hagedorni</i> Eggers, (<i>Coccotrypes</i>), <i>Cryphalus</i> (= <i>walkeri</i>)	595	<i>herbertfrunzi</i> (Schedl), (<i>Gnathotrichus</i>) <i>Gnathotrichus</i>	1040
<i>hagedorni</i> Eggers, <i>Sphaerotrypes</i>	199	<i>hercegoriuensis</i> (Seitner), (<i>Phloeoplatihorus</i>) <i>Phloeotribus</i>	222
<i>hagedorni</i> Stebbing, <i>Xyleborus</i> (= <i>hagedornianus</i>)	742	<i>hercegoriuensis</i> Eggers, <i>Phloeosinus</i> (= <i>bicolor</i>)	243
<i>hagedornianus</i> Schedl, <i>Xyleborus</i>	742	<i>hermosus</i> Wood, <i>Pityophthorus</i>	1002
<i>Hagedornius</i> Lucas (= <i>Pityophthorus</i>)	976	<i>hermosus</i> Wood, <i>Scolytus</i>	331
<i>halli</i> Schedl, <i>Xyleborus</i>	742	<i>herrarai</i> Hopkins, <i>Pityophthorus</i> (= <i>chalcoensis</i>)	955
<i>Halystus</i> Schedl	253	<i>hesperidum</i> Wollaston, <i>Aphanarthrum</i>	615
<i>hamamelidis</i> Blackman, <i>Pityophthorus</i> (= <i>latus</i>)	1006	<i>hesperius</i> Bright, <i>Pityophthorus</i> (= <i>concurvus</i>)	959
<i>hamamelidis</i> Hopkins, <i>Hypothenemus</i> (= <i>eruditus</i>)	922	<i>hesperius</i> Bright, <i>Pityotrichus</i>	970
<i>hamatum</i> Schedl, <i>Ctenoxylon</i>	535	<i>Heteroborips</i> Reitter (= <i>Xyleborus</i>)	704
<i>hamatus</i> Hagedorn, <i>Scolytoplatypus</i> (= <i>eutomoides</i>)	403	<i>heterodon</i> Wachtl, (<i>Tomicus</i>), <i>Pityokteinus</i> (= <i>spiniidensis</i>)	466
<i>hamatus</i> LeConte, (<i>Xyleborus</i>), <i>Pityogenes</i> (= <i>carinulatus</i>)	445	<i>heterodoxus</i> (Casey), (<i>Renocis</i>), <i>Chaetophloeus</i>	272
<i>hampei</i> (Ferrari), (<i>Cryphalus</i>), <i>Hypothenemus</i>	927	<i>heterolepsis</i> Costa Lima, <i>Hypothenemus</i> (= <i>areccae</i>)	907
<i>Hapalogenius</i> Hagedorn (= <i>Rhopalopselion</i>)	96	<i>heveae</i> (Hagedorn), (<i>Stephanoderes</i>), <i>Cryptocarenum</i>	903
<i>Hapalophloeus</i> Schedl (= <i>Hylesinopsis</i>)	92	<i>heveae</i> (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	505
<i>harnedi</i> (Blackman), (<i>Micracis</i>), <i>Hyloterinus</i>	425	<i>heveti</i> (Stebbing), (<i>Dryocoetes</i>), <i>Tapluromyelus</i>	559
<i>harongae</i> (Schedl), (<i>Ips</i>), <i>Acanthotomicus</i>	451	Hexacolidae Chapuis (= <i>Ctenophorini</i>)	353
<i>harringtoni</i> (Blackman), (<i>Tachyderes</i>), <i>Cryptocarenum</i>	903	Hexacolides Chapuis (= <i>Ctenophorini</i>)	353
<i>harringtoni</i> Blackman, <i>Phloeotribus</i>	222	Hexacolinae Chapuis (= <i>Ctenophorini</i>)	353
<i>harringtoni</i> Blackman, <i>Pseudochramcesus</i>	262	Hexacolines Chapuis	353
<i>harunganae</i> (Schedl), (<i>Micracis</i>), <i>Pseudomicracis</i>	429	<i>Hexacolinus</i> Schedl (= <i>Scolytodes</i>)	355
<i>hashimotoi</i> Browne, <i>Xyleborus</i>	742	<i>Hexacolus</i> Eichhoff (= <i>Scolytodes</i>)	357
<i>hastatum</i> (Schedl), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	700	<i>heydeni</i> Eichhoff, (<i>Tomicus</i>), <i>Ips</i> (= <i>acuminatus</i>)	459
<i>hutanakai</i> Browne, <i>Xyleborus</i>	742	<i>hicoloriae</i> LeConte, <i>Chramcesus</i>	266
<i>hatanakai</i> Browne, <i>Webbia</i>	531	<i>hidalgocensis</i> Blackman, <i>Pityophthorus</i> (= <i>nocturnus</i>)	1016
<i>hattorii</i> Kono, <i>Cryphalus</i> (= <i>piceae</i>)	555	<i>hiitaka</i> Samuelson, <i>Xyleborus</i>	742
<i>hauseri</i> Reitter, <i>Ips</i>	509	<i>himalabetis</i> Beeson, <i>Hylastes</i> (= <i>brunneus</i>)	50
<i>hawaiiensis</i> Perkins, <i>Xyleborus</i>	742	<i>himalayensis</i> Beeson, (<i>Thamurgides</i>), <i>Coccotrypes</i> (= <i>nubilus</i>)	605
<i>hawaiiensis</i> Schedl, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>seriatus</i>)	943	<i>himalayensis</i> Eggers, <i>Ambrosiodinus</i> (= <i>minor</i>)	676
<i>heathi</i> Hopkins, <i>Hypothenemus</i> (= <i>eruditus</i>)	923	<i>himalayensis</i> Stebbing, <i>Hylastes</i> (= <i>Curculionidae</i>)	43
<i>hebes</i> Schedl, <i>Phloeotribus</i>	222	<i>himalayensis</i> Stebbing, (<i>Cryphalus</i>), <i>Pityophthorus</i> (= <i>deodara</i>)	995
<i>hectographus</i> Reitter, <i>Dryocoetes</i>	552	<i>himalayensis</i> Stebbing, <i>Polygraphus</i> (= <i>longifolia</i>)	259
<i>hederae</i> (Schmidt), (<i>Hylesinus</i>), <i>Kissophagus</i>	65	<i>himalayensis</i> Stebbing, <i>Scolytoplatypus</i> (= <i>raja</i>)	406
<i>helferi</i> Eggers, <i>Sphaerotrypes</i>	199	<i>himalayensis</i> Strommeyer, <i>Dryocoetes</i>	553
<i>helferi</i> Villa, (<i>Hylurgus</i>), <i>Hylurgops</i> (= <i>palliatus</i>)	35	<i>hiitzi</i> Schedl, <i>Pityophthorus</i>	1002
<i>heliura</i> Wood, <i>Pseudothysanoes</i>	414	<i>hirsutipennis</i> (Schedl), (<i>Xyleborus</i>), <i>Xylosandrus</i>	796
<i>helopioides</i> Schedl, <i>Cryphalus</i>	551	<i>hirsutulus</i> Schedl, <i>Arxyleborus</i>	667
<i>helveticus</i> Guillebeau, (<i>Phloeoplatihorus</i>), <i>Phloeotribus</i> (= <i>cristatus</i>)	220	<i>hirsutum</i> Hagedorn, <i>Ctenoxylon</i> (= <i>flavescens</i>)	537
<i>hembibitalei</i> Schedl, (<i>Xyleborus</i>), <i>Coptoborus</i> (= <i>usagarius</i>)	665	<i>hirsutus</i> (Nobuchi), (<i>Tachnogyptes</i>), <i>Cryphalus</i>	551
<i>Hemierypthalmus</i> Schedl	566	<i>hirsutus</i> (Schedl), (<i>Dryocoetes</i>), <i>Dryocoetiops</i>	557
<i>Hemihylesinus</i> Schedl (= <i>Hylesinopsis</i>)	92	<i>hirsutus</i> (Schedl), (<i>Trypographus</i>), <i>Hylesinopsis</i>	94
<i>hendrickxi</i> Schedl, (<i>Streptocranus</i>), <i>Coptoborus</i> (= <i>usagarius</i>)	664	<i>hirsutus</i> (Wood), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	930
<i>henscheli</i> Knotek, <i>Hylesinus</i> (= <i>rarius</i>)	59	<i>hirsutus</i> Blackman, <i>Scolytoplatypus</i>	403
<i>henscheli</i> Reitter, <i>Carphoborus</i> (= <i>bonnairei</i>)	303	<i>hirsutus</i> Bright, <i>Pseudopityophthorus</i> (= <i>tenuis</i>)	976
<i>henscheli</i> Seitner, <i>Pityophthorus</i>	1001	<i>hirsutus</i> Eichhoff, (<i>Tomicus</i>), <i>Ips</i> (= <i>concinuus</i>)	500
<i>henschi</i> Reitter, <i>Phloeosinus</i>	247	<i>hirsutus</i> Lea, (<i>Xylopertha</i>), <i>Xyleborus</i> (= <i>perforans</i>)	761
<i>henshawi</i> Hopkins, (<i>Eriocryphalus</i>), <i>Cryphalus</i> (= <i>sylvicola</i>)	596	<i>hirsutus</i> Schedl, <i>Alniaphagus</i>	73
<i>herbellae</i> Strommeyer, <i>Pityogenes</i> (= <i>bistridentatus</i>)	444	<i>hirsutus</i> Schedl, <i>Dendrosinus</i> (= <i>ater</i>)	236

<i>hirsutus</i> Schedl. <i>Glostatus</i>	555	<i>hopeae</i> Browne. <i>Nyloborus</i>	742
<i>hirsutus</i> Schedl. <i>Nylichinosomus</i>	105	<i>hopehi</i> Schedl. <i>Phloeosinus</i>	248
<i>hirsutus</i> Wood. <i>Bothrostermus</i>	215	<i>hopkinsi</i> Beeson. <i>Nyloborus</i> (= <i>ferrugineus</i>)	739
<i>hirsutus</i> Wood. <i>Scolytodes</i>	393	<i>hopkinsi</i> Blackman. <i>Pityophthorus</i> (= <i>digestus</i>)	995
<i>hirtellum</i> Schedl. <i>Ctonoxylon</i>	535	<i>hopkinsi</i> Blackman. <i>Pseudothysanoes</i>	414
<i>hirtellus</i> (LeConte). (<i>Micracis</i>), <i>Hyllocurus</i>	125	<i>hopkinsi</i> Browne. <i>Hypothenemus</i> (= <i>multidentatus</i>)	936
<i>hirtellus</i> Eichhoff. <i>Taphrocyclus</i>	559	<i>hopkinsi</i> Swaine. <i>Pityogenes</i>	452
<i>hirtellus</i> Schedl. <i>Cyrtogenius</i>	565	<i>Hoplites</i> Eggers (= <i>Cladoctonus</i>)	238
<i>hirtellus</i> Schedl. <i>Phlocotribus</i>	222	<i>Hoplitoutus</i> Wood (= <i>Cladoctonus</i>)	238
<i>hirtellus</i> Schedl. (<i>Nyloborus</i>), <i>Theoborus</i> (= <i>theobromae</i>)	661	<i>Hoplitophthorus</i> Wood (= <i>Cladoctonus</i>)	238
<i>hirtellus</i> Wood. <i>Pityoborus</i>	968	<i>hoppingi</i> Lanier. <i>Ips</i>	509
<i>hirticeps</i> LeConte. <i>Pityophthorus</i> (= <i>pulchellus</i>)	1023	<i>hoppingi</i> Swaine. <i>Phloeosinus</i>	248
<i>hirtipennis</i> (Eggers). (<i>Nyloborus</i>), <i>Arixyleborus</i>	667	<i>hoppingi</i> Swaine. <i>Polygraphus</i>	288
<i>hirtipennis</i> Schedl. <i>Camptocerus</i> (= <i>suturalis</i>)	320	<i>hornus</i> (Schedl). (<i>Eidophelus</i>), <i>Cyrtogenius</i>	565
<i>hirtipennis</i> Schedl. <i>Hypothenemus</i>	930	<i>horridatus</i> Wood. <i>Nyloborus</i>	742
<i>hirtipes</i> Schedl. <i>Nyloborus</i>	742	<i>horridicus</i> Wood. <i>Nyloborus</i>	743
<i>hirtum</i> (Hagedorn). (<i>Nyloborus</i>), <i>Cyclorhupidion</i>	700	<i>horridulus</i> Browne. <i>Nyloborus</i>	743
<i>hirtuosus</i> Beeson. (<i>Nyloborus</i>), <i>Cyclorhupidion</i> (= <i>hirtum</i>)	700	<i>horridus</i> (Eggers). (<i>Hylesinus</i>), <i>Hylesinopsis</i>	94
<i>hirtus</i> (Eggers). (<i>Dryocoetes</i>), <i>Cyrtogenius</i>	565	<i>horridus</i> Eichhoff. <i>Cryphalus</i>	851
<i>hirtus</i> (Wood). (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	862	<i>horridus</i> Eichhoff. <i>Nyloborus</i>	743
<i>hirtus</i> Wood. <i>Phlocotribus</i>	222	<i>horridus</i> Graham. <i>Cryphalus</i> (= <i>theobromae</i>)	897
<i>hispaniolum</i> Bright. <i>Liparthrum</i>	277	<i>horyurensis</i> Murayama. <i>Polygraphus</i>	288
<i>hispaniolus</i> Bright. <i>Pityophthorus</i>	1002	<i>hostilis</i> (Blackman). (<i>Neodryocoetes</i>), <i>Araptus</i>	957
<i>hispidulus</i> Eggers. <i>Phlocotribus</i>	222	<i>hostilis</i> Wood. <i>Microcorythylus</i>	1066
<i>hispidulus</i> LeConte. (<i>Cryphalus</i>), <i>Hypothenemus</i> (= <i>crudiae</i>)	914	<i>hova</i> Schaufuss. <i>Scolytoplatypus</i>	403
<i>hispidulus</i> Thomson. <i>Crypturgus</i>	624	<i>hova</i> Schedl. <i>Nyloborus</i>	743
<i>hispidum</i> (Ferrari). (<i>Hypoborus</i>), <i>Pycnarthrum</i>	354	<i>howardi</i> Hopkins. <i>Nyloborus</i> (= <i>intrusus</i>)	745
<i>hispidus</i> (Eggers). (<i>Metalhylesinus</i>), <i>Hylesinopsis</i>	94	<i>howdenae</i> Bright. <i>Nyloborus</i>	743
<i>hispidus</i> (Klug). (<i>Hylesinus</i>), <i>Diamerus</i>	196	<i>howdeni</i> Bright. <i>Chaetophloeus</i>	272
<i>hispidus</i> Eggers. (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>areccae</i>)	907	<i>huachucae</i> Blackman. <i>Pseudothysanoes</i>	414
<i>hispidus</i> Eggers. <i>Cuesinus</i>	209	<i>huachucae</i> Wood. <i>Monarthrum</i>	1057
<i>hispidus</i> Eggers. <i>Kissophagus</i> (= <i>hederae</i>)	68	<i>huangi</i> (Browne). (<i>Nyloborus</i>), <i>Coptodryas</i>	824
<i>hispidus</i> Eggers. <i>Pseudopityophthorus</i>	973	<i>huapiae</i> (Schedl). (<i>Plithorophloeus</i>), <i>Phlocotribus</i>	222
<i>hispidus</i> Eggers. <i>Strombophorus</i>	203	<i>hubbardi</i> Blackman. (<i>Neodryocoetes</i>), <i>Araptus</i> (= <i>politus</i>)	961
<i>hituoca</i> Beeson. (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>crudiae</i>)	915	<i>hubbardi</i> Blackman. <i>Pityophthorus</i> (= <i>infulatus</i>)	1003
<i>hobohmi</i> (Schedl). (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	861	<i>hubbardi</i> Hopkins. <i>Coccotrypes</i> (= <i>carpophagus</i>)	596
<i>hoegei</i> (Blandford). (<i>Pterocyclon</i>), <i>Monarthrum</i>	1057	<i>hubbardi</i> Hopkins. <i>Nyloborus</i> (= <i>volvulus</i>)	783
<i>hoferi</i> Blackman. (<i>Leperisinus</i>), <i>Hylesinus</i> (= <i>californicus</i>)	76	<i>hubbardi</i> Schwarz. (<i>Bothrostermus</i>), <i>Pagiocerus</i> (= <i>frontalis</i>)	213
<i>hoferi</i> Blackman. <i>Phloeosinus</i>	248	<i>hubbardi</i> Schwarz. <i>Cactopinus</i>	435
<i>holdhausi</i> Wichmann. <i>Trypophloeus</i> (= <i>alni</i>)	842	<i>hudsonicus</i> LeConte. <i>Ips</i> (= <i>perturbatus</i>)	516
<i>Holonthogaster</i> Gemminger & Harold (= <i>Hyledius</i>)	259	<i>huchmetanus</i> Schedl. <i>Dendrocraniulus</i> (= <i>maurus</i>)	552
<i>holtzi</i> Eggers. (<i>Nyloborus</i>), <i>Ambrosiodinus</i> (= <i>aegir</i>)	670	<i>humilis</i> (Blanchard). (<i>Hylastes</i>), <i>Nylichinosomus</i>	105
<i>holtzi</i> Strohmeier. <i>Thamurgus</i> (= <i>delphinii</i>)	543	<i>humilis</i> Blackman. (<i>Neodryocoetes</i>), <i>Araptus</i> (= <i>hymenaeae</i>)	958
<i>Homarus</i> Broun (= <i>Chaetoptelius</i>)	103	<i>hunanensis</i> Browne. <i>Nyloborus</i>	743
<i>Homocoryphalus</i> Lindemann (= <i>Hypothenemus</i>)	904	<i>hunteri</i> Swaine. <i>Ips</i>	509
<i>hondurensis</i> Wood. <i>Micracisella</i>	430	<i>hyaspistis</i> Schedl. <i>Tiarophorus</i>	539
<i>hondurensis</i> Wood. <i>Pityoborus</i>	968	<i>hybridus</i> Blandford. <i>Amphicranus</i>	1047
<i>hondurensis</i> Wood. <i>Pseudopityophthorus</i>	973	<i>hybridus</i> Eggers. (<i>Nyloborus</i>), <i>Eucallucea</i> (= <i>xanthopus</i>)	696
<i>hoodi</i> Blackman. (<i>Neodryocoetes</i>), <i>Araptus</i> (= <i>hymenaeae</i>)	958	° <i>hydropicus</i> (Wickham). (<i>Apidocephalus</i>), <i>Hylesinus</i>	80
		<i>Hylastes</i> Erichson	43
		<i>Hylastes</i> LeConte (= <i>Hylastini</i>)	29

<i>Hylastides</i> LeConte (=Hylastini)	29	<i>Hypoborina</i> Nusslin (=Hypoborini)	271
<i>Hylastini</i> LeConte	29	<i>Hypoborinae</i> Nusslin (=Hypoborini)	271
<i>Hylastinoides</i> LeConte (=Hylesinini)	64	<i>Hypoborini</i> Nusslin	271
<i>Hylastinoides</i> Spessivitzev (=Aniaphagus)	73	<i>Hypoborus</i> Erichson	279
<i>Hylastinus</i> Bedel	64	<i>Hypocryphalus</i> Hopkins	565
<i>Hylastites</i> Hagedorn (=Hylurgops)	30	<i>Hypopityophthorus</i> Bright (=Pityophthorus)	977
<i>Hyledius</i> Sampson	259	<i>Hypothenemus</i> Westwood	904
<i>Hyleops</i> Schedl	237	<i>Hypothenoides</i> Hopkins (=Scolytogenes)	555
<i>Hylescierites</i> Schedl (=Hylurgops)	30	<i>hystricoides</i> Browne , <i>Xyleborus</i>	743
<i>Hylesinae</i> Erichson (=Hylesininae)	25	<i>hystrix</i> (Eggers) , (<i>Adiacretus</i>), <i>Hypothenemus</i>	931
<i>Hylesinen</i> Erichson (=Hylesininae)	25	<i>hystrix</i> (LeConte) , (<i>Hylesinus</i>), <i>Chaetophloeus</i>	273
<i>Hylesini</i> Erichson (=Hylesinae, Hylesini)	25, 64	<i>hystrix</i> (Schedl) , (<i>Xyleborus</i>), <i>Premnobius</i>	653
<i>Hylesimidae</i> Erichson (=Hylesininae)	25	<i>hystrix</i> Abeille de Perrin , <i>Cisurgus</i> (=Arollastini)	631
<i>Hylesimides</i> Erichson (=Hylesininae)	25	<i>hystrix</i> Wood , <i>Phloeotribus</i>	222
<i>hylesiniformis</i> (Schedl) , (<i>Ptilopodius</i>), <i>Cryphlophthorus</i>	274	iconographus Dejean, (<i>Bostriachus</i>), <i>Ips</i> (= <i>acuminatus</i>)	455
<i>Hylesinina</i> Erichson (=Hylesininae)	25	<i>idahoensis</i> Hopkins, <i>Procryphalus</i> (== <i>mucronatus</i>)	545
<i>Hylesininae</i> Erichson	25	<i>idowens</i> Blackman, <i>Pityophthorus</i> (== <i>digestus</i>)	995
<i>Hylesinini</i> Erichson	25, 64	<i>ignobilis</i> Perkins , <i>Xyleborus</i>	743
<i>Hylesinites</i> Germar (=Hylurgops)	29	<i>ignotus</i> (Schedl) , (<i>Micracis</i>), <i>Pseudomicracis</i>	429
<i>hylesinopsis</i> (Schedl) , (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	862	<i>ignotus</i> Bright , <i>Tricoelus</i> (== <i>perdiligenis</i>)	1044
<i>Hylesinopsis</i> Eggers	92	<i>ignotus</i> Schedl , <i>Pityophthorus</i>	1002
<i>Hylesinosoma</i> Lea (=Aricerus)	217	<i>iheringi</i> Iglesias , <i>Xyleborus</i>	743
<i>Hylesinus</i> Erichson (=Hylesininae)	25	<i>ikelaensis</i> Nunberg , <i>Pityophthorus</i>	1002
<i>Hylesinus</i> Fabricius	74	<i>ilepidus</i> Schedl, (<i>Xyleborus</i>), <i>Ambrosiodinus</i> (= <i>obliquus</i>)	675
<i>Hyloucri</i> Eichhoff (=Mieracini)	405	<i>illustris</i> (Schedl) , (<i>Xyleborus</i>), <i>Eucallacca</i>	690
<i>Hyloucuridae</i> Eichhoff (=Mieracini)	405	<i>imbellis</i> Blandford , <i>Xyleborus</i>	743
<i>Hyloucurinae</i> Eichhoff (=Mieracini)	405	<i>imbricornis</i> Eichhoff, <i>Phloeoborus</i> (== <i>asper</i>)	95
<i>hylouroides</i> Wood , <i>Pityophthorus</i>	1002	<i>imitans</i> (Eggers) , (<i>Phloeosinus</i>), <i>Hyledius</i>	260
<i>Hylourosoma</i> Eggers (=Scolytodes)	355	<i>imitans</i> (Eggers) , (<i>Primosceles</i>), <i>Scolytodes</i>	393
<i>Hylourosus</i> Eichhoff	422	<i>imitans</i> (Eggers) , (<i>Trigonogenius</i>), <i>Pityophthorus</i>	1002
<i>Hylonius</i> Nunberg (=Xyloleptes)	547	<i>imitans</i> Eggers, (<i>Pocellips</i>), <i>Coccotrypes</i> (= <i>ghesquieri</i>)	603
<i>Hyloperus</i> Browne (=Cryptococcus)	72	<i>imitans</i> Eggers , <i>Dactylipalpus</i>	102
<i>Hylurdretonus</i> Schedl	156	<i>imitans</i> Eggers, (<i>Xyleborus</i>), <i>Eucallacca</i> (== <i>piceus</i>)	693
<i>Hylurgidae</i> LeConte (=Tomicini)	103	<i>imitans</i> Eggers, <i>Microrus</i> (== <i>aberrans</i>)	353
<i>Hylurgides</i> LeConte (=Tomicini)	103	<i>imitans</i> Eggers, <i>Sphaerotrypes</i> (== <i>pila</i>)	200
<i>Hylurgini</i> LeConte (=Tomicini)	103	<i>imitans</i> Eichhoff , <i>Eidophelus</i>	567
<i>Hylurgina</i> LeConte (=Tomicini)	103	<i>imitans</i> Schedl , <i>Hypocryphalus</i>	869
<i>hylurgoides</i> (Schedl) , (<i>Coptodryas</i>), <i>Cnemonyx</i>	316	<i>imitans</i> Wood , <i>Gnathotrichus</i>	1035
<i>hylurgoides</i> Schedl , <i>Chramesus</i>	266	<i>imitator</i> (Eggers) , (<i>Webbia</i>), <i>Arixyleborus</i>	667
<i>Hylurgonotus</i> Schedl	156	<i>imitator</i> (Reitter) , (<i>Hylastes</i>), <i>Hylurgops</i>	33
<i>Hylurgopina</i> Balachowsky (=Hylastini)	29	<i>imitator</i> Schedl, (<i>Xyleborus</i>), <i>Dryocoetoides</i> (= <i>asperulus</i>)	656
<i>Hylurgopinus</i> Swaine	106	<i>imitator</i> Sokanovskii, <i>Aniaphagus</i> (== <i>alui</i>)	73
<i>Hylurgops</i> LeConte	29	<i>imitatrix</i> (Schedl) , (<i>Eriosclidias</i>), <i>Cosmoderes</i>	901
<i>hylurgulus</i> (Eggers) , (<i>Phloeosinus</i>), <i>Hyledius</i>	260	<i>imitatrix</i> (Schedl) , (<i>Neodryocoetes</i>), <i>Araptus</i>	955
<i>Hylurgulus</i> Eggers (=Hyledius)	257	<i>immanis</i> Blackman , <i>Pityophthorus</i>	1002
<i>hylurgulus</i> Schedl , <i>Phloeotribus</i>	222	<i>immanis</i> Wood , <i>Scolytodes</i>	393
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<i>Hyorrhynchini</i> Hopkins	191	<i>immersus</i> Schedl , <i>Xyleborus</i>	743
<i>Hyorrhynchus</i> Blandford	191	<i>immitatrix</i> Schedl , <i>Xyleborus</i>	743
<i>Hypaspistes</i> Hagedorn (=Tiarophorus)	539	<i>immitus</i> Bright, <i>Pityoborus</i> (== <i>secundus</i>)	969
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<i>impar</i> Chapuis, <i>Diamerus</i>	196	<i>inconueniens</i> Schedl, <i>Xyleborus</i> (= <i>sparsipilosus</i>)	774
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<i>impar</i> Schedl, <i>Cyrtogenius</i>	566	<i>incurrus</i> Eggers, (<i>Xyleborus</i>), <i>Leptoxylocheus</i> (= <i>concisus</i>)	659
<i>impar</i> Schedl, <i>Hylocurus</i>	425	<i>indefessus</i> Bright, <i>Pityophthorus</i>	1003
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<i>impexus</i> Schedl, <i>Xyleborus</i>	743	<i>indicus</i> Stebbing, <i>Cryphalus</i> (= <i>strohmeyeri</i>)	895
<i>impolitus</i> Wood, <i>Chramesus</i>	266	<i>indicus</i> Stebbing, <i>Dryocoetes</i>	583
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<i>impressus</i> (Wood), (<i>Loganius</i>), <i>Cnemionyx</i>	316	<i>indicus subcoriaceus</i> Eggers, (<i>Xyleborus</i>), <i>Eucallacea</i> (= <i>piccus</i>)	693
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<i>impressus</i> Eichhoff, <i>Xyleborus</i> (= <i>ferrugineus</i>)	738	<i>indigena</i> Wood, <i>Hypothencemus</i>	931
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<i>lativentris</i> Schedl , <i>Xyleborus</i>	747	<i>lepidus</i> Wood , <i>Araptus</i>	958
<i>latum</i> (Schedl) , (<i>Cosmocorymus</i>), <i>Monarthrum</i>	1055	<i>lepidus</i> Wood , <i>Cryptocarenum</i>	903
<i>latus</i> Beeson, <i>Carphoborus</i> (= <i>latus</i> Wood)	305	<i>lepidus</i> Wood , <i>Micracis</i>	432
<i>latus</i> Eggers , <i>Cryphalus</i>	883	<i>lepidus</i> Wood , <i>Scolytodes</i>	394
<i>latus</i> Eggers, (<i>Phloeosinus</i>), <i>Hyledius</i> (= <i>nitidicollis</i>)	260	<i>lepineyi</i> Balachowsky , <i>Triotemnus</i>	540
<i>latus</i> Eggers , <i>Ozopemon</i>	589	<i>Lepisomus</i> Kirby (= <i>Polygraphus</i>)	253
<i>latus</i> Eggers, <i>Polygraphus</i> (= <i>bicolor</i>)	255	<i>lepocrius</i> Tsai & Li , <i>Cryphalus</i>	553
<i>latus</i> Eggers , <i>Strombophorus</i>	203	<i>lepricuri</i> (Perris) , (<i>Dryocoetes</i>), <i>Hypothenemus</i>	933
<i>latus</i> Eggers , <i>Xyleborus</i>	747	<i>leprosulus</i> (Browne) , (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	863
<i>latus</i> Eggers , <i>Xyloctonus</i>	840	<i>leprosulus</i> Browne , <i>Cryphalus</i>	853
<i>latus</i> Lepesme, <i>Thammurgus</i> (= <i>lobeliae</i>)	544	<i>leprosulus</i> Schedl , (<i>Xyleborus</i>), <i>Coptodryas</i> (= <i>undulata</i>)	827
<i>latus</i> Wichmann, (<i>Phloeophthorus</i>), <i>Phlocotribus</i> (= <i>cristatus</i>)	220	<i>leprosulus</i> Schedl , <i>Arxyleborus</i>	667
<i>latus</i> Wood , <i>Carphoborus</i>	305	<i>leprosus</i> Browne , <i>Glostatus</i>	536
<i>laudatus</i> Wood , <i>Araptus</i>	955	<i>Leptoxyleborus</i> Wood	659
<i>laurivorus</i> Schedl , <i>Liparthrum</i>	277	<i>leptus</i> (Bright) , (<i>Neodryocoetes</i>), <i>Araptus</i>	955
<i>lautus</i> Eichhoff , <i>Pityophthorus</i>	1006	<i>lesnei</i> (Eggers) , (<i>Hapalogenius</i>), <i>Rhopalopschion</i>	97
<i>lautus</i> Wood , <i>Microborus</i>	353	<i>lesnei</i> Hagedorn , <i>Amphicranus</i>	1047
<i>leui</i> (Schedl) , (<i>Xylechinus</i>), <i>Phloeosinopsioides</i>	239	<i>Letznerella</i> Reitter (= <i>Scolytogenes</i>)	555
<i>lebrouneci</i> Beeson, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>crudiæ</i>)	915	<i>letzneri</i> Ferrari , <i>Cortylus</i>	1074
<i>lecontei</i> Blackman , <i>Pseudothysanoes</i>	414	<i>levereis</i> Browne , <i>Xyleborus</i>	745
<i>lecontei</i> Blandford , <i>Cnesinus</i>	209	<i>leveri</i> Browne , <i>Coccotrypes</i>	605
<i>lecontei</i> Bright , <i>Pityophthorus</i>	1006	<i>levis</i> Blackman, (<i>Hexacolus</i>), <i>Scolytodes</i> (= <i>chapuisi</i>)	390
<i>lecontei</i> Chapuis, (<i>Rhopalopleurus</i>), <i>Chramesus</i> (= <i>hicoloriae</i>)	266	<i>levis</i> Wood , <i>Phlocotribus</i>	223
<i>lecontei</i> Hopkins , <i>Ambrosiodmus</i>	675	<i>levis</i> Wood , <i>Pityophthorus</i>	1007
<i>lecontei</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>crudiæ</i>)	915	<i>lewckianus</i> Eggers, (<i>Xyleborus</i>), <i>Ambrosiodmus</i> (= <i>lewisi</i>)	676
<i>lecontei</i> Schedl , <i>Phlocotribus</i>	223	<i>lewisi</i> (Blandford) , (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	675
<i>lecontei</i> Swaine, <i>Hylurgops</i> (= <i>porosus</i>)	39	<i>lewisi</i> Blandford , <i>Hyporhynchus</i>	192
<i>lecontei</i> Swaine , <i>Ips</i>	511	<i>lewisi</i> Chapuis , <i>Phloeosinus</i>	249
<i>lecontei</i> Swaine, <i>Pityogenes</i> (= <i>plagiatus</i>)	455	<i>lezjawai</i> Pjatnitsky, <i>Hypothenemus</i> (= <i>eruditus</i>)	924
<i>lectus</i> Wood , <i>Microborus</i>	354	<i>libani</i> Balachowsky , <i>Phloeosinus</i> (= <i>cedri</i>)	244
<i>lederi</i> Reitter, (<i>Cryphalus</i>), <i>Ernoporus</i> (= <i>tiliæ</i>)	557	<i>liberiensis</i> (Hopkins) , (<i>Stephanoderes</i>), <i>Hypothenemus</i>	933
<i>leechi</i> Wood , <i>Pityophthorus</i>	1007	<i>liberiensis</i> Hopkins, <i>Coccotrypes</i> (= <i>carphophagus</i>)	596
<i>leechi</i> Wood , <i>Pseudothysanoes</i>	414	<i>libidus</i> Wood , <i>Scolytodes</i>	394
<i>leferrei</i> (Browne) , (<i>Mimips</i>), <i>Acanthotomicus</i>	451	<i>libra</i> (Eggers) , (<i>Xyleborus</i>), <i>Coptodryas</i>	825
<i>leferrei</i> (Schedl) , (<i>Stephanoderes</i>), <i>Hypothenemus</i>	933		
<i>leiophyllæ</i> Blackman , <i>Pityophthorus</i>	1007		

<i>librocetri</i> Swaine, <i>Xyleborinus</i> (= <i>saxensei</i>)	515	<i>liquidambarae</i> Wood, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>seriatus</i>)	943
<i>lichtensteini</i> (Ratzeburg), (<i>Bostrichus</i>), <i>Pityophthorus</i>	1007	<i>liquidambaris</i> Hopkins, <i>Dryocoetes</i> (= <i>betulae</i>)	579
<i>lifuanus</i> Fauvel, <i>Hylastes</i>	55	<i>liquidambarus</i> Blackman, <i>Pityophthorus</i>	1009
<i>lignator</i> Blackman, <i>Micracis</i>	432	<i>liratus</i> (Wood), (<i>Loganius</i>), <i>Cnemomyx</i>	316
<i>lignicolus</i> Wood, <i>Micracis</i>	433	<i>Lissoclastus</i> Schauffuss (= <i>Diamerus</i>)	194
<i>ligniperda</i> (Fabricius), (<i>Bostrichus</i>), <i>Hylurgus</i>	119	<i>litoralis</i> (Beeson), (<i>Thammurgides</i>), <i>Coccotrypes</i>	605
<i>lignivorus</i> Browne, <i>Diamerus</i>	196	<i>litos</i> Bright, <i>Pityophthorus</i>	1009
<i>lignographus</i> Schedl, <i>Xyleborus</i>	748	<i>litseae</i> Browne, (<i>Diamerides</i>), <i>Philoceramus</i> (= <i>bruchoides</i>)	236
<i>likiangensis</i> Tsai & Huang, <i>Hylurgops</i> (= <i>longipilus</i>)	35	<i>littoralis</i> Perkins, <i>Xyleborus</i>	748
<i>likiangensis</i> Tsai & Yin, <i>Polygraphus</i> (= <i>rudis</i>)	297	<i>lobatum</i> (Ferrari), (<i>Corthylus</i>), <i>Monarthrum</i>	1058
<i>lima</i> Eggers, <i>Dendrosinus</i> (= <i>bourrieriae</i>)	237	<i>lobatus</i> Eggers, <i>Sternobothrus</i>	216
<i>limatus</i> (Schedl), (<i>Xyleborus</i>), <i>Euwallacea</i>	691	<i>lobdelli</i> Blackman, <i>Thysanocetes</i>	420
<i>limatus</i> Wood, <i>Dendrocraniulus</i>	552	<i>lobeliae</i> Eggers, <i>Thammurgus</i>	544
<i>limatus</i> Wood, <i>Microborus</i>	384	<i>loebli</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	676
<i>limatus</i> Wood, <i>Pityophthorus</i> (= <i>ornatus</i>)	1018	<i>loebli</i> Schedl, (<i>Pocillips</i>), <i>Dryocoetiops</i> (= <i>lueris</i>)	588
<i>limax</i> (Schedl), (<i>Sphenoceros</i>), <i>Araptus</i>	959	<i>locendali</i> Eggers, (<i>Eccoptogaster</i>), <i>Scolytus</i> (= <i>laevis</i>)	340
<i>limbatus</i> (Blandford), (<i>Dryocoetes</i>), <i>Dendrocraniulus</i>	552	<i>Loganius</i> Chapuis (= <i>Cnemomyx</i>)	313
<i>limbatus</i> (Eggers), (<i>Hylcnurosoma</i>), <i>Scolytodes</i>	394	<i>lomatae</i> Schedl, (<i>Ptelcobius</i>), <i>Xylechinus</i> (= <i>spathifer</i>)	118
<i>limbatus</i> Eggers, <i>Pseudopityophthorus</i>	973	<i>lonchocarpeae</i> (Schedl), (<i>Hapalogenius</i>), <i>Rhopalopselion</i>	97
<i>limbatus</i> Eggers, <i>Sphaerotrypes</i>	200	<i>longehirtus</i> Nunberg, (<i>Xyleborus</i>), <i>Euwallacea</i> (= <i>xanthopus</i>)	697
<i>limbatus</i> Fabricius, <i>Trypodendron</i> (= <i>domesticum</i>)	635	<i>longicauda</i> (Browne), (<i>Streptocranus</i>), <i>Coptoborus</i>	663
<i>limbellus</i> Wood, <i>Dendrocraniulus</i>	552	<i>longicollis</i> (Blandford), (<i>Loganius</i>), <i>Cnemomyx</i>	316
<i>limbus</i> Sampson, <i>Eccoptopterus</i>	820	<i>longicollis</i> (Eggers), (<i>Hexacolus</i>), <i>Scolytodes</i>	394
<i>limularis</i> (Harris), (<i>Tomicus</i>), <i>Philocotribus</i>	223	<i>longicollis</i> (Eggers), (<i>Thammurgides</i>), <i>Coccotrypes</i>	605
<i>limitaris</i> Wood, <i>Dendrocraniulus</i>	552	<i>longicollis</i> (Gyllenhal), (<i>Bostrichus</i>), <i>Orthotomicus</i>	472
<i>limulum</i> Wood, <i>Monarthrum</i>	1058	<i>longicollis</i> (Schedl), (<i>Gnathotriclus</i>), <i>Gnathotrupes</i>	1040
<i>limus</i> Wood, <i>Dendrocraniulus</i>	552	<i>longicollis</i> (Wollaston), (<i>Xylocterus</i>), <i>Dactylotrypes</i>	554
<i>linderae</i> Hopkins, (<i>Ambrosiodmus</i>), <i>Ambrosiodmus</i> (= <i>obliquus</i>)	677	<i>longicollis</i> Browne, <i>Xyleborus</i>	748
<i>linearicollis</i> (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	808	<i>longicollis</i> Eggers, <i>Cnesinus</i>	209
<i>linearis</i> (Schedl), (<i>Thammophthorus</i>), <i>Araptus</i>	959	<i>longicollis</i> Eggers, <i>Dryocoetes</i> (= <i>autographus</i>)	578
<i>linearis</i> Eggers, (<i>Pocillips</i>), <i>Coccotrypes</i> (= <i>longior</i>)	605	<i>longicollis</i> Peyerimhoff, <i>Triotemnus</i>	541
<i>linearis</i> Eggers, <i>Dendrocraniulus</i> (sp.?)	550	<i>longicollis</i> Schedl, (<i>Neodryocoetes</i>), <i>Araptus</i> (= <i>araujiacae</i>)	953
<i>linearis</i> Erichson, <i>Hylastes</i>	55	<i>longicollis</i> Swaine, <i>Hylastes</i>	56
<i>linearis</i> Schedl, <i>Xyleborus</i> (= <i>dryographus</i>)	732	<i>longideclivis</i> Wood, <i>Xyleborus</i> (= <i>deplanatus</i>)	724
<i>lineatiformis</i> Hopkins, <i>Hypothenemus</i> (= <i>eruditus</i>)	922	<i>longidens</i> Eggers, <i>Xyleborus</i>	748
<i>lineatopunctatus</i> (Eggers), (<i>Xyleborus</i>), <i>Cyrtogenius</i>	566	<i>longidens</i> Swaine, <i>Ips</i> (= <i>latidens</i>)	511
<i>lineatum</i> (Olivier), (<i>Bostrichus</i>), <i>Trypodendron</i>	636	<i>longifolia</i> (Stebbing), (<i>Cryphalus</i>), <i>Liparthrum</i>	278
<i>lineatus</i> (Eggers), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	934	<i>longifolia</i> (Stebbing), (<i>Tomicus</i>), <i>Ips</i>	511
<i>lineatus</i> Eggers, <i>Philocotribus</i>	224	<i>longifolia</i> Stebbing, <i>Polygraphus</i>	289
<i>lineatus</i> Eggers, <i>Xyleborus</i>	748	<i>longifoliae</i> Stebbing, (<i>Hylastes</i>) (= <i>Curculionidae</i>)	43
° <i>lineatus</i> Foster, <i>Hylesinus</i>	81	<i>longior</i> (Eggers), (<i>Pocillips</i>), <i>Coccotrypes</i>	605
<i>lineatus</i> Kurenzov, <i>Scolytus</i> (= <i>ratzeburgi</i>)	364	<i>longior</i> Browne, <i>Cryphalus</i>	883
<i>lineellus</i> Endrodi, <i>Trypodendron</i> (= <i>lineatum</i>)	636	<i>longipennis</i> (Blanchard), (<i>Tomicus</i>), <i>Gnathotrupes</i>	1040
<i>lineigera</i> Guillebeau, (<i>Phloeophthorus</i>), <i>Philocotribus</i> (= <i>pubifrons</i>)	227	<i>longipennis</i> (Blandford), (<i>Hylastes</i>), <i>Hylurgops</i>	34
<i>lineigera</i> Guillebeau, <i>Phocotribus</i> (= <i>cristatus</i>)	220	<i>longipennis</i> (Browne), (<i>Taenioglyptes</i>), <i>Cryphalus</i>	883
<i>linuaruorii</i> Schedl, <i>Xylocleptes</i>	549		
<i>Liparthrum</i> Wollaston	274		
<i>lipingensis</i> Tsai & Li, <i>Cryphalus</i>	883		
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Scolytogenes 563
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Hypothenemus 934
- longipeanus* Browne. *Cyrtogenius* 566
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- ° *longipennis* Wickham. *Xyleborites* 1052
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- longipes* Israelson. *Aphanarthrum* (= *canariense*) 617
- longipilis* Browne. *Hypocryphalus* 569
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- longipilus* Schedl. *Cryphalus* 583
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- longipilus* Schedl. *Thammurgus* 544
- longisetosus* (Nobuchi). (*Taenioglyptes*),
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- longulus* (Schedl). (*Xyleborus*), *Xyleborinus* 505
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- longulus* Sokanovskii. *Pityophthorus*
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- longus* (Eggers). (*Xyleborus*), *Xyleborinus* 505
- longus* (Schedl). (*Anchonocerus*), *Monarthrum* 1055
- longus* Eggers. *Premnobius* 653
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- longus* Nunberg. *Microcryphalus* 411
- lopehuensis* Beeson. *Eucallacea* (= *interjectus*) 690
- loranthus* Schedl. *Margadillius* 599
- loricatus* (Schedl). (*Xyleborus*), *Eucallacea* 690
- loweanum* Wollaston. *Liparthrum* 275
- lowei* Paiva. *Hylastes* 56
- lowei* Wollaston. *Liparthrum* 275
- lubarskii* Stark. *Hylesinus* 51
- lubricus* Schedl. *Xyleborus* 745
- lucaris* Wood. *Cucosinus* 209
- lucasi* Hopkins. (*Stephanoderes*), *Hypothenemus*
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- luctuosum* (Blandford). (*Pterocyclon*),
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- luctuosus* (Eggers). (*Xyleborus*), *Eucallacea* 691
- luederwaldti* Eggers. *Pagiocerus* 214
- lugubris* (Eggers). (*Xyleborus*), *Eucallacea* 692
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- lunulatus* Eggers. *Phloeoborus* 99
- luridus* (Wollaston). (*Aphanarthrum*),
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- luridus* Blandford. *Corthylus* 1074
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- lustratus* Wood. *Corthylus* 1074
- luteolus* (Schedl). (*Plesiophthorus*), *Deudroterus* 951
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- macer* (Bright). (*Neodryocoetes*), *Araptus* 959
- macer* Blandford. *Xyleborus* 745
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(= *papuanus*) 405
- machili* Niisima. *Xyleborus* 749
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- macilentus* (Blandford). (*Dryocoetes*),
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- macrocerus* Eichhoff. *Corthylus* 1074
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- macropterus* Schedl. *Xyleborus* 749
- maculatum* (Schedl). (*Hapalogenius*),
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- maculatus* Beeson. *Scolytomimus* 539
- maculatus* Browne. *Cucosinus* 502
- maculatus* Browne. *Hypocryphalus*
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- maculatus* Nunberg. *Scolytoplattypus* (= *fusciatus*) 403
- maculatus* Schedl. *Xylechinus* 116
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- maculicollis* Sharp. *Hypothenemus* (= *birmanus*) 910

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<i>maculipennis</i> (Schedl), (<i>Hylesinus</i>), <i>Ficicis</i>	91	<i>major</i> Stebbing, <i>Scolytus</i>	340
<i>maculosus</i> Blackman, <i>Pseudohylesinus</i>	110	<i>major</i> Strohmeyer, <i>Cyrtogenius</i>	566
<i>maculosus</i> Kirby, (<i>Ips</i>), <i>Ptelcobius</i> (= <i>rittatus</i>)	70	<i>major</i> Strohmeyer, <i>Ozopemon</i>	589
<i>madagascariensis</i> (Schedl), (<i>Euptilius</i>), <i>Cosmoderes</i>	901	<i>majus</i> (Eggers), (<i>Tripodendron</i>), <i>Indocryphalus</i>	645
<i>madagascariensis</i> (Schedl), (<i>Micracis</i>), <i>Pseudomicracis</i>	429	<i>majus</i> Wood, <i>Scolytodes</i>	394
<i>madagascariensis</i> Schaufuss, <i>Xyleborus</i>	749	<i>majusculus</i> Schedl, <i>Polygraphus</i>	290
<i>madagascariensis</i> Schedl, (<i>Eriocryphalus</i>), <i>Hypothenemus</i> (= <i>donisi</i>)	917	<i>majusculus</i> Schedl, <i>Xyleborus</i>	749
<i>madagascariensis</i> Schedl, <i>Cyrtogenius</i>	566	<i>malaccensis</i> (Schedl), (<i>Dryocoetes</i>), <i>Dryocoetiops</i>	588
<i>madagascariensis</i> Schedl, <i>Hypothenemus</i>	934	<i>malaisi</i> Eggers, <i>Indocryphalus</i> (= <i>intermedius</i>)	645
<i>madagascariensis</i> Schedl, <i>Pityodendron</i>	970	<i>malayamus</i> Browne, <i>Acacis</i>	193
<i>madagascariensis</i> Schedl, <i>Pityophthorus</i>	1009	<i>malayensis</i> (Schedl), (<i>Dryocoetes</i>), <i>Cyrtogenius</i>	566
<i>madagascariensis</i> Schedl, <i>Ptilopodius</i>	900	<i>malayensis</i> (Schedl), (<i>Lepiceriodes</i>), <i>Hypothenemus</i>	934
<i>madagascariensis</i> Schedl, <i>Scolytoplatypus</i> (= <i>permirus</i>)	406	<i>malayensis</i> (Schedl), (<i>Xyleboricus</i>), <i>Arxyleborus</i>	667
<i>magna</i> Blackman, <i>Phrixosoma</i>	189	<i>malayensis</i> Browne, <i>Xyleborus</i>	749
<i>magnificus</i> Wood, <i>Xyleborus</i>	749	<i>malayensis</i> Schedl, <i>Bothrosteroides</i>	194
<i>magnispinatus</i> Beaver, <i>Xyleborus</i>	749	<i>malayensis</i> Schedl, (<i>Phloeosinus</i>), <i>Hyledius</i> (= <i>cribratus</i>)	260
<i>magnus</i> (Eggers), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	934	<i>malayensis</i> Schedl, <i>Hypocryphalus</i>	869
<i>magnus</i> Beeson, <i>Coccotrypes</i>	605	<i>malgasicus</i> (Schedl), (<i>Poecilips</i>), <i>Coccotrypes</i>	605
<i>magnus</i> Browne, <i>Arxyleborus</i>	667	<i>malgasicus</i> Schedl, <i>Xyleborus</i>	749
<i>magnus</i> Browne, <i>Margadillius</i>	899	<i>malgassicus</i> Schedl, <i>Dobryocleptes</i>	540
<i>magnus</i> Murayama, <i>Polygraphus</i> (= <i>proximus</i>)	296	<i>mali</i> (Bechstein), (<i>Bostriculus</i>), <i>Scolytus</i>	341
<i>magnus</i> Niisima, <i>Xyleborus</i>	749	<i>mali</i> (Fitch), (<i>Tomicus</i>), <i>Monarthrum</i>	1055
<i>magnus</i> Sampson, <i>Cnestus</i>	802	<i>mali</i> Hopkins, <i>Hypothenemus</i> (= <i>eruditus</i>)	922
<i>magnus</i> Tsai & Yin, <i>Sphaerotrypes</i>	200	<i>malleatus</i> Bright, <i>Pityophthorus</i>	1009
<i>magnus</i> Wood, <i>Pseudohylesinus</i>	110	<i>malloti</i> (Eggers), (<i>Xyleborus</i>), <i>Eucallacea</i>	692
<i>mahafali</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodinus</i>	676	<i>malloti</i> Schedl, <i>Cryphalus</i>	854
<i>maiche</i> (Stark), (<i>Auisandrus</i>), <i>Xyleborus</i>	749	<i>mallyi</i> (Hopkins), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	934
<i>maiche</i> Eggers, <i>Xyleborus</i> (= <i>maiche</i> Stark)	749	<i>malus</i> (Schedl), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	934
mailleri Eggers, <i>Scolytus</i> (= <i>amygdali</i>)	323	<i>malus</i> Niisima, <i>Cryphalus</i>	854
<i>mainensis</i> Blackman, <i>Cryphalus</i> (= <i>ruficollis</i>)	892	<i>mamibiae</i> Wood, (<i>Phloeographus</i>), <i>Halystus</i> (= <i>namibiae</i>)	283
<i>mairei</i> Peyerimhoff, <i>Aphanarthrum</i>	619	<i>mamibillae</i> (Browne), (<i>Xyleborus</i>), <i>Ambrosiodinus</i>	676
<i>mairei</i> Peyerimhoff, <i>Thannurgus</i>	544	<i>mamillatus</i> Chapuis, <i>Phloeoborus</i>	99
<i>major</i> (Eggers), (<i>Bothryperus</i>), <i>Phrixosoma</i>	189	<i>maneus</i> (Blandford), (<i>Xyleborus</i>), <i>Xylosandrus</i>	796
<i>major</i> (Eggers), (<i>Hoplites</i>), <i>Cladotonus</i>	239	<i>maneus</i> Wood, <i>Pseudothysanoes</i>	414
<i>major</i> (Eggers), (<i>Loganius</i>), <i>Camptocerus</i>	319	<i>maneus</i> formosanus Eggers, (<i>Xyleborus</i>), <i>Xylosandrus</i> (= <i>maneus</i>)	797
<i>major</i> (Eggers), (<i>Prionosceles</i>), <i>Scolytodes</i>	394	<i>mandibulare</i> Wollaston, <i>Liparthrum</i>	278
<i>major</i> (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	482	<i>mandibularis</i> Blackman, <i>Gnatholeptus</i> (= <i>shannoni</i>)	970
<i>major</i> (Stebbing), (<i>Phloeosinus</i>), <i>Xyleborus</i>	749	<i>mandibularis</i> Bright, <i>Chaetophloeus</i>	273
<i>major</i> Browne, <i>Cryptoxyleborus</i>	828	<i>mandibularis</i> Schedl, <i>Pityophthorus</i>	1009
<i>major</i> Browne, <i>Hypothenemus</i>	934	<i>mandibularis</i> Schedl, <i>Thannurgus</i>	545
<i>major</i> Eggers, (<i>Blastophagus</i>), <i>Tomicus</i> (= <i>piniperda</i>)	136	<i>mandibularis</i> Wood, <i>Pseudothysanoes</i>	415
<i>major</i> Eggers, (<i>Nigrinus</i>), <i>Scolytogenes</i> (= <i>darvini</i>)	861	<i>mandli</i> Eggers, (<i>Eccoptogaster</i>), <i>Scolytus</i> (= <i>japonicus</i>)	335
<i>major</i> Eggers, <i>Hylurgops</i>	35	<i>mandschuricus</i> Eggers, <i>Cryphalus</i>	854
<i>major</i> Eggers, <i>Scolytodes</i> (= <i>majus</i>)	394	<i>mandschuricus</i> Schedl, <i>Scolytus</i> (= <i>chikisanii</i>)	327
<i>major</i> Schedl, <i>Dendrocranulus</i>	552	<i>mandshuricus</i> Eggers, <i>Hylesinus</i>	81
<i>major</i> Schedl, <i>Pagiocerus</i>	214	<i>mangarevanus</i> Beeson, <i>Hypothenemus</i> (= <i>dipteroearpi</i>)	916
<i>major</i> Schedl, <i>Strombophorus</i>	203	<i>maugiferae</i> (Stebbing), (<i>Cryphalus</i>), <i>Hypocryphalus</i>	869
<i>major</i> Stebbing, <i>Cryphalus</i>	884		
<i>major</i> Stebbing, <i>Phloeotribus</i>	224		

- mangiferae* Brown, *Diamerus* 196
- mangiferae* Eggers, *Hypocryphalus*
(=*mangiferae* Stebbing) 570
- manghissensis* Lezhava, *Scolytus* (= *rugulosus*) 370
- mangoense* (Schedl), (*Xyleborus*), *Cyclohrigidion* 700
- maugovoror* Schedl, *Hypothenemus* 934
- maniensis* Brown, *Xyleborus* 750
- manni* Blackman, *Phloeotribus* (= *pilula*) 227
- manni* Blackman, *Pseudochranes* 262
- mannfeldi* (Wachtl), (*Tomicus*), *Ips* 512
- marani* Pfeffer, *Carphoborus* 305
- marcidum* (Schedl), (*Pterocyclus*), *Monarthrum* 1059
- marcidus* (Schedl), (*Xyleborus*), *Xyleborinus* 808
- margadilaonis* Hopkins, *Margadillius* 899
- Margadillius** Hopkins 898
- marginatulus* Schedl, (*Xyleborus*), *Prennobius*
(=*marginatus*) 653
- marginatus* (Brown), (*Pocillips*), *Coccotrypes* 606
- marginatus* (Hagedorn), (*Nestips*), *Xyloleptes* 549
- marginatus* Chapuis, *Scolytus* 344
- marginatus* Duftschmidt, (*Hylesinus*), *Hylurgops*
(=*palliat*) 38
- marginatus* Eggers, *Arixyleborus* (= *malayensis*) 667
- marginatus* Eggers, (*Xyleborus*), *Leptoxyleborus*
(=*concisus*) 659
- marginatus* Eggers, *Phloeotribus* 224
- marginatus* Eggers, *Prennobius* 653
- marginatus* Wood, *Chranes* 267
- marginatus* Wood, *Scolytodes* 394
- margincollis* Eggers, *Cnesinus* 209
- margincollis* Schedl, *Xyleborus* 750
- maritimus* Lanier, *Ips* (= *plastographus*) 521
- maritimus* Reitter, *Hylurgus* (= *ligniperda*) 119
- maritimus* Stark, *Pityophthorus* (= *pityographus*) 1021
- markangensis* Tsai & Li, *Cryphalus* 884
- marmoratus* Blandford, *Xylechinus* 116
- marmoratus* Strohmeier, *Dactylipalpus*
(=*cicatricosus*) 101
- maroantsetrae* Schedl, *Pityophthorus* 1009
- maroccanus* (Guillebeau), (*Phloeophthorus*),
Phloeotribus 224
- maronicus* (Eggers), (*Xyleborus*), *Dryocoetoides* 658
- marocoyi* Schedl, *Hypothenemus* (= *seriatus*) 943
- marquesanus* Beeson, *Ptilopodius* 900
- marshalli** (Eggers), (*Stephanoderes*),
Hypothenemus 934
- marshami* Rye, (*Tomicus*), *Dryocoetes* (= *alni*) 572
- martiniquensis* Eggers, *Hypothenemus* (= *areceae*) 908
- marylandicae* Hopkins, (*Hypothenemus*), *Trischelidius*
(=*atomus*) 947
- mascareniformis* Eggers, *Xyleborus* 750
- mascaresis* Eichhoff, *Xyleborus* (= *affinis*) 708
- mascaresis* Hagedorn, (*Xyleborus*), *Xylosandrus*
(=*crassiusculus*) 792
- masoni* Beeson, (*Thanaosgidis*), *Coccotrypes*
(=*myristicae*) 607
- massonianus* Tsai & Li, *Cryphalus* 884
- matangi* Sampson, *Diamerus* 197
- materiarius* (Fitch), (*Tomicus*), *Gnathotrichus* 1035
- mateui* (Schedl), (*Stephanoderes*), *Hypothenemus* 934
- mauiensis* Perkins, *Xyleborus* 750
- mauiensis* Schedl, *Hypothenemus* (= *eruditus*) 925
- maulei* Ronbal, *Crypturgus* (= *pustillus*) 629
- maura* Balachowsky, *Phlososinus* (= *cedri*) 241
- mauretanicus* Peyerimhoff, *Pityophthorus* 1009
- mauritanus* (Schedl), (*Cryphalomorphus*),
Scolytogenes 863
- mauritanus* Brown, (*Pocillips*), *Coccotrypes*
(=*nubilus*) 605
- mauritanus* Menier, *Xyloctonus* 540
- maurus** (Blandford), (*Dryocoetes*),
Dendrocranulus 552
- maurus** (Blandford), (*Prionosecles*), *Scolytodes* 394
- maurus** Eggers, *Cisurgus* 630
- maurus** Wood, *Phloeotribus* 224
- mayeti** (Guillebeau), (*Phloeophthorus*),
Phloeotribus 224
- mayeti Guillebeau, *Phloeotribus* (= *cristatus*) 220
- mayumbensis** (Schedl), (*Dryocoetes*),
Cyrtogenius 566
- mayumbensis Eggers, *Hypothenemus* (= *areceae*) 906
- mekanensis** Niisima, *Polygraphus* 290
- meccadanus* Reitter, *Taphrotrychus* (= *hirtellus*) 559
- medialis** Wood, *Araptus* 959
- medialis** Wood, *Pityophthorus* 1009
- medialis** Wood, *Scolytodes* 394
- mediocris** (Schedl), (*Xyleborus*), *Xylosandrus* 797
- mediosectus** (Eggers), (*Xyleboricus*),
Arixyleborus 667
- mediterraneus** (Eggers), (*Dryocoetes*),
Tiarophorus 540
- mediterraneus* Eggers, (*Eccoctogaster*), *Scolytus*
(=*rugulosus*) 369
- mediterraneus** Eichhoff, *Crypturgus* 624
- medius** (Eggers), (*Mimips*), *Acanthotomicus* 452
- medius** (Eggers), (*Pocillips*), *Coccotrypes* 606
- medius** (Eggers), (*Prionosecles*), *Scolytodes* 395
- medius** (Eggers), (*Webbia*), *Arixyleborus* 665
- medius** Eggers, *Chortastus* 311
- medius** Eggers, *Scolytodes* (= *medialis*) 395
- medius** Wood, *Hyloterus* 426
- megas** Bright, *Pityophthorus* 1009
- mekoi* Schedl, *Cryphalus* (= *wapleri*) 898
- melaetus** Eichhoff, *Dryocoetes* 584
- melanarius** (Schedl), (*Cosmoderes*),
Hypothenemus 935
- melanarius* Schedl, (*Xyleborus*), *Ambrosiodnus*
(=*obliquus*) 675
- melaneranis* Beeson, *Xyleborus* (= *lineatus*) 748
- melanocephalus** (Blandford), (*Hexacolus*),
Scolytodes 395
- melanocephalus* Fabricius, (*Bostrichus*), *Hylesinus*
(=*varius*) 86
- melanotus* Beeson, *Polygraphus* (= *aterrimus*) 255
- melanura** (Blandford), (*Pterocyclus*),
Amphicranus 1047

<i>melanurus</i> Reitter, <i>Ips</i> (= robustus)	522	<i>mexicanus</i> Eggers, (<i>Neodryocoetes</i>), <i>Araptus</i> (= politus)	961
<i>melanurus</i> Wood, <i>Pityophthorus</i>	1009	<i>mexicanus</i> Eggers, (<i>Benocis</i>), <i>Chaetophloeus</i> (= mexicanus Blackman)	273
<i>melas</i> (Eggers), (<i>Xyleborus</i>), <i>Coptoborus</i>	663	<i>mexicanus</i> Eggers, (<i>Xyleborus</i>), <i>Ambrosiodinus</i> (= obliquus)	675
<i>melasomus</i> (Lea), (<i>Cryphalus</i>), <i>Hypothenemus</i>	935	mexicanus Eggers, <i>Microcorthyus</i>	1066
<i>melli</i> Schedl, (<i>Xyleborus</i>), <i>Hadrodemius</i> (= anorplus)	815	mexicanus Hopkins, <i>Dendroctonus</i>	153
<i>melodori</i> (Hopkins), (<i>Stephanorhopalus</i>), <i>Eruroporus</i>	555	<i>mexicanus</i> Lacordaire, <i>Phloeotribus</i> (=sp.?)	215
mendicus (Wood), (<i>Cryptocleptus</i>), <i>Pseudothysanocs</i>	415	<i>mexicanus</i> Nunberg, <i>Cucsinus</i> (= blackmani)	206
mendicus Wood, <i>Araptus</i>	959	<i>mexicanus</i> Schedl, (<i>Breviophthorus</i>), <i>Araptus</i> (= dentifrons)	955
<i>mendosus</i> Schedl, <i>Xyleborus</i> (= barumbuensis)	714	<i>mexicanus</i> Schedl, (<i>Ctenyophthorus</i>), <i>Araptus</i> (= tenellus)	962
mendosus Wood, <i>Pityophthorus</i>	1009	<i>mexicanus</i> Schedl, <i>Chramesus</i> (= pumilus)	268
<i>menoni</i> Brownie, <i>Scolytominus</i> (= pusillus)	839	mexicanus Schedl, <i>Corthyus</i>	1075
merionale Endrodi, <i>Trypodendron</i> (= lineatum)	636	<i>mexicanus</i> Schedl, <i>Micracis</i> (= sicainei)	434
merideusis Wood, <i>Liparthrum</i>	275	mexicanus Wood, <i>Cactopinus</i>	436
<i>merideusis</i> Wood, <i>Xyleborus</i> (= mutabilis)	754	mexicanus Wood, <i>Conophthorus</i>	964
<i>meridianus</i> Blackman, <i>Micracis</i> (= suturalis)	433	mexicanus Wood, <i>Dendrocrambus</i>	552
meridianus Blackman, <i>Pityogenes</i>	454	mexicanus Wood, <i>Dendrosinus</i>	237
<i>meridionale</i> Eggers, <i>Trypodendron</i> (= lineatum)	643	mexicanus Wood, <i>Hylastes</i>	57
meridionalis (Nobuchi), (<i>Tacnogylyptes</i>), <i>Cryphalus</i>	854	mexicanus Wood, <i>Microborus</i>	384
<i>Meringopalpus</i> Hagedorn (= Gymnochilus)	356	mexicanus Wood, <i>Pityogenes</i>	454
<i>merinjaki</i> Sampson, <i>Diamerus</i>	197	mexicanus Wood, <i>Stegomerus</i>	852
<i>meris</i> Wood, <i>Cucsinus</i>	209	mexicanus Wood, <i>Thysanocs</i>	420
meritus Wood, <i>Xyleborus</i>	750	mexicanus Wood, <i>Xylechinus</i>	116
<i>meruensis</i> Nunberg, <i>Xylocleptes</i> (= marginatus)	549	micaceus Wood, <i>Araptus</i>	959
mesembria Bright, <i>Pityophthorus</i>	1009	micaceus Wood, <i>Hylocurus</i>	426
mesoleiulus Schedl, <i>Xyleborus</i>	750	micacirrus Wood, <i>Corthyus</i>	1075
<i>mesoleius</i> Schedl, <i>Hypothenemus</i> (= eruditus)	925	micans (Eggers), (<i>Stephanoderes</i>), <i>Scolytogenes</i>	863
Mesoscolytus Broun	815	micans (Kuglann), (<i>Bostrichus</i>), <i>Dendroctonus</i>	154
<i>mesuae</i> (Eggers), (<i>Xyleborus</i>), <i>Xylosandrus</i>	797	micans Bright, <i>Pityophthorus</i>	1010
<i>metacomans</i> (Eggers), (<i>Xyleborus</i>), <i>Hadrodemius</i>	819	micans Wood, <i>Amphicranus</i>	1045
Metacorthyus Blandford	1064	<i>micans</i> Wood, <i>Pseudopityophthorus</i> (= limbatus)	973
<i>metacrucifer</i> Brownie, (<i>Xyleborus</i>), <i>Cyclorhpidion</i> (= crucipenne)	699	micarius (Wood), (<i>Xyleborus</i>), <i>Theoborus</i>	661
<i>metacuneolus</i> Eggers, <i>Xyleborus</i>	750	michoacanae Wood, <i>Conophthorus</i>	964
metagranus (Schedl), (<i>Xyleborus</i>), <i>Xylosandrus</i>	797	micidus Wood, <i>Scolytodes</i>	395
<i>Metahylastes</i> Eggers (= Cyrtogenius)	562	micklitzii Wachtl, <i>Hyhurgus</i>	122
<i>Metahylesinus</i> Eggers (= Hylesinopsis)	92	Micracidae LeConte (= Micracini)	405
<i>metanepotulus</i> (Eggers), (<i>Xyleborus</i>), <i>Eucallacva</i>	692	<i>Micracidendron</i> Schedl (= Mimicurus)	949
<i>methueri</i> Eggers, <i>Ctonoxylum</i>	535	<i>Micracides</i> LeConte (= Micracini)	405
<i>meuseli</i> Reitter, <i>Xyleborus</i>	750	<i>Micracinae</i> LeConte (= Micracini)	405
mexicanum Wood, <i>Liparthrum</i>	275	<i>Micracini</i> LeConte	405
mexicanus (Blackman), (<i>Benocis</i>), <i>Chaetophloeus</i>	273	<i>Micraciops</i> Schedl (= Laurinus)	405
mexicanus (Hopkins), (<i>Tomicus</i>), <i>Ips</i>	512	Micracis LeConte	431
mexicanus (Schedl), (<i>Brachyspartus</i>), <i>Corthylocurus</i>	1069	Micracisella Blackman	429
mexicanus (Wood), (<i>Leperisinus</i>), <i>Hylesinus</i>	81	<i>Micracisoides</i> Blackman (= Hylocurus)	422
mexicanus Blackman, <i>Pityophthorus</i>	1010	Microborus Blandford	383
<i>mexicanus</i> Blackman, <i>Pseudohylesinus</i> (= variegatus)	114	microcornis Wood, <i>Cactopinus</i>	436
mexicanus Blandford, <i>Dendroterus</i>	951	microcornis Wood, <i>Hylocurus</i>	426
mexicanus Bright, <i>Carphoborus</i>	305	Microcorthyus Ferrari	1065
mexicanus Bright, <i>Sampsonius</i>	656	micrographus (Linnaeus), (<i>Dermestes</i>), <i>Pityophthorus</i>	1010
<i>mexicanus</i> Eggers, (<i>Amphicranus</i>), <i>Monarthrum</i> (= callidum)	1063	micrographus (Schedl), (<i>Cryptographus</i>), <i>Webbia</i>	831
		micrographus (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	809

- micrographus* Schedl. (*Breviophthorus*),
Pityophthorus (= **micrograptinus**) 1012
- micrographus curtulus* Sokanovskii, *Pityophthorus*
 (= **micrographus**) 1010
- micrographus longulus* Sokanovskii, *Pityophthorus*
 (= **micrographus**) 1010
- micrographus sibiricus* Stark, *Pityophthorus*
 (= **micrographus**) 1010
- micrograptinus** Wood, *Pityophthorus* 1012
- Microperus* Wood (= *Coptodryas*) 522
- micropilosus** Wood, *Araptus* 959
- microporosus** Wood, *Chramesus* 267
- mikado** Blandford, *Scolytoplatypus* 404
- mikaniae** Schedl, *Dendrochilus* 435
- mikuniyamensis** (Murayama), (*Pseudopocellips*),
Taplvorychus 560
- miles** (LeConte), (*Cryphalus*), *Hypothenemus* 935
- militaris** Eggers, *Polygraphus* 290
- millettiae** (Schedl), (*Dryocoetes*), *Cyrtogenius* 566
- millettiae** Schedl, *Strombophorus* 204
- mimetica** Wood, *Micracisella* 430
- mimicus** (Schedl), (*Mimips*), *Acanthotomicus* 452
- mimicus Schedl, *Cryphalus* (= **scabricollis**) 593
- mimicus Schedl, (*Cryphalus*), *Hypocryphalus*
 (= **mangiferae**) 570
- Mimidendrulus* Schedl (= *Cyrtogenius*) 562
- Mimiocurus** Schedl 949
- Mimiophthorus* Schedl (= *Mimiocurus*) 949
- Mimips* Eggers (= *Acanthotomicus*) 475
- mimosae** (Schedl), (*Xyleborus*), *Xyleborinus* 809
- mimosae** Blackman, *Chramesus* 267
- minus** Schedl, *Xyleborus* (= **multispinatus**) 754
- minusopsis** Wood, *Scolytominus* 539
- minax** Schedl, *Cnesinus* 209
- mindanaensis** Eggers, *Xyleborus* 750
- mindoroensis Schedl, *Cyrtogenius* (= **brebior**) 563
- mindoroensis** Schedl, *Hypocryphalus* 570
- miniatus** Bright, *Pityophthorus* 1012
- minimus** (Fabricius), (*Hylesinus*), *Carphoborus* 305
- minimus** (Schedl), (*Pocellips*), *Coccotrypes* 606
- minimus** Eggers, *Cryphalus* 554
- minimus** Hagedorn, *Chortastus* 311
- minimus** Hagedorn, *Scolytoplatypus* 404
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- minor** (Eggers), (*Prionosceles*), *Scolytodes* 395
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<i>nanellus</i> Wood. <i>Scolytodes</i>	395	<i>neglectus</i> Schedl. <i>Phloeotribus</i>	225
<i>nanकिनensis</i> Kurenzov & Kononov. <i>Orthotomicus</i>	473	<i>neglectus</i> Schedl. <i>Scolytotlatypus</i>	404
<i>nanula</i> (LeConte). (<i>Micracis</i>). <i>Micracisella</i>	430	<i>Negrilus</i> Eggers (= <i>Scolytogenes</i>)	858
<i>nanulus</i> (Schedl). (<i>Cnathotrichus</i>), <i>Cnathotrupes</i>	1041	<i>negrosensis</i> Browne. <i>Cryphalus</i>	885
<i>nanulus</i> (Wood). (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	863	<i>neivai</i> Eggers. <i>Xyleborus</i>	755
<i>nanulus</i> Schedl. (<i>Stephanoderes</i>). <i>Hypothenemus</i> (= <i>eruditus</i>)	925	<i>Nemobius</i> Chapuis (= <i>Pycnarthrum</i>)	384
<i>nanulus</i> Schedl. <i>Hylesinus</i>	81	<i>Nemopagiocerus</i> Schedl (= <i>Eupagiocerus</i>)	214
<i>nanulus</i> Wood. <i>Araptus</i>	959	<i>Nemophilus</i> Chapuis (= <i>Cucinus</i>)	205
<i>nanulus</i> Wood. <i>Phloeocleptus</i>	421	<i>nemoralis</i> Wood. <i>Pityophthorus</i>	1015
<i>nanus</i> (Blandford). (<i>Xyleborus</i>). <i>Xylosandrus</i>	799	<i>neoadjuuctus</i> (Schedl). (<i>Xyleborus</i>). <i>Coptoborus</i>	663
<i>nanus</i> (Eichhoff). (<i>Cnathotrichus</i>), <i>Cnathotrupes</i>	1041	<i>neocaripennis</i> (Schedl). (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	700
<i>nanus</i> Browne. <i>Cryptoxyleborus</i>	828	<i>neocrucifer</i> (Schedl). (<i>Xyleborus</i>). <i>Cyclorhipidion</i>	700

<i>Neocryphalus</i> Eggers (= <i>Scolytogenes</i>)	555	<i>niger</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>seriatus</i>)	943
Neocryphus Nunberg	552	<i>niger</i> Marsham, (<i>Ips</i>), <i>Hylastes</i> (= <i>ater</i>)	46
neocylindricus Schedl, <i>Xyleborus</i>	755	<i>niger</i> Nunberg, <i>Xyleborus</i> (= <i>squamulatus</i>)	776
<i>Neodiamerus</i> Schedl (= <i>Acacacis</i>)	193	niger Sampson, <i>Xyleborus</i>	755
<i>Neodryocoetes</i> Eggers (= <i>Araptus</i>)	952	<i>niger</i> Schedl, (<i>Pocillips</i>), <i>Coccotrypes</i> (= <i>adrena</i>)	593
neofacialis Schedl, <i>Scolytus</i>	354	niger Schedl, <i>Cryphalus</i>	555
<i>Neoglostatus</i> Schedl (= <i>Pseudothysanoes</i>)	411	niger Schedl, <i>Dactylipalpus</i>	102
<i>neogracilis</i> Schedl, (<i>Xyleboris</i>), <i>Xyleborinus</i> (= <i>gracilis</i>)	805	niger Schedl, <i>Pityophthorus</i>	1015
<i>neolybridus</i> Schedl, (<i>Xyleboris</i>), <i>Eucallacea</i> (= <i>xanthopus</i>)	697	niger Schedl, <i>Xyloctonus</i>	540
<i>Neohylesinus</i> Eggers (= <i>Phrixosoma</i>)	159	<i>niger</i> Sokanovskii, <i>Pityogenes</i> (= <i>saalasi</i>)	457
<i>Neohyorrhynchus</i> Schedl (= <i>Sucus</i>)	191	niger Stark, <i>Trypophloeus</i>	546
<i>neomexicanus</i> Blackman, <i>Phloeosinus</i> (= <i>scopulorum</i>)	253	<i>niger</i> Stebbing, <i>Polygraphus</i> (= <i>aterrimus</i>)	255
<i>Neomips</i> Schedl (= <i>Pityophthorus</i>)	977	<i>niger</i> Wood, (<i>Loganius</i>), <i>Cnemonyx</i> (= <i>nigrellus</i>)	317
<i>Neophilocotribus</i> Eggers (= <i>Phlocotribus</i>)	215	niger Wood, <i>Cactopinus</i>	436
<i>Neopityophthorus</i> Schedl (= <i>Araptus</i>)	952	niger Wood, <i>Cuesinus</i>	210
Neopteleobius Nobuchi	72	niger Wood, <i>Hylastes</i>	57
neoscabridus Schedl, <i>Xyleborus</i>	755	nigericus Browne, <i>Cryphalus</i>	555
neosphenos (Schedl), (<i>Xyleborus</i>), <i>Coptoborus</i>	663	<i>nigericus</i> Browne, <i>Xyleborus</i> (= <i>crinitus</i>)	721
neotardus Schedl, <i>Corthylus</i>	1075	nigra (Eggers), (<i>Bothryperus</i>), <i>Phrixosoma</i>	190
<i>Neotomicus</i> Fuchs (= <i>Orthotomicus</i>)	467	nigra Wood, <i>Micracisella</i>	430
neotropicalis Wood, <i>Thysanoes</i>	420	nigrella Wood, <i>Micracisella</i>	430
<i>neotropicus</i> Schedl, <i>Phloeosinus</i> (= <i>serratus</i>)	255	nigrellus Wood, <i>Araptus</i>	959
neotruncatus (Schedl), (<i>Xyleborus</i>), <i>Amasa</i>	653	nigrellus Wood, <i>Cnemonyx</i>	316
<i>Neoxyloctonus</i> Eggers, <i>Scolytominus</i>	535	nigrescens Browne, <i>Xyleborus</i>	755
<i>nephelii</i> Eggers, (<i>Thamnurgides</i>), <i>Coccotrypes</i> (= <i>rhizophorae</i>)	610	<i>nigrescens</i> Eggers, <i>Diamerus</i> (= <i>ritsemiae</i>)	195
nepocranus (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodinus</i>	677	nigrescens Schedl, <i>Strombophorus</i>	204
<i>nepos</i> Eggers, (<i>Xyleborus</i>), <i>Ambrosiodinus</i> (= <i>funereus</i>)	674	nigrescens Wollaston, <i>Liparthrum</i>	279
<i>nepos robustus</i> Schedl, (<i>Xyleboris</i>), <i>Ambrosiodinus</i> (= <i>funereus</i>)	674	nigricans Blandford, <i>Pityophthorus</i>	1015
<i>nepotulonorplus</i> Eggers, (<i>Xyleborus</i>), <i>Ambrosiodinus</i> (= <i>asperatus</i>)	671	<i>nigricans</i> Eggers, <i>Eucallacea</i> (= <i>foenicatus</i>)	658
<i>nepotulus</i> Eggers, (<i>Xyleborus</i>), <i>Ambrosiodinus</i> (= <i>asperatus</i>)	671	<i>nigricans</i> Kurenzov, <i>Polygraphus</i> (= <i>proximus</i>)	296
neptunus Schaufuss, <i>Xyleborus</i>	755	<i>nigricans</i> Schedl, <i>Cnemonyx</i> (= <i>niger</i>)	317
<i>nesianus</i> Beeson, <i>Xyleborus</i> (= <i>ferrugineus</i>)	739	nigricans Schedl, <i>Cryphalus</i>	555
nevermanni (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1059	<i>nigriceps</i> Kirby, (<i>Apate</i>), <i>Polygraphus</i> (= <i>rufipennis</i>)	295
nevermanni (Schedl), (<i>Thylurcos</i>), <i>Corthylus</i>	1075	<i>nigricollis</i> Eggers, (<i>Pocillips</i>), <i>Coccotrypes</i> (= <i>advena</i>)	592
<i>nevermanni</i> Schedl, <i>Eupagiocerus</i> (= <i>ater</i>)	214	<i>nigricollis</i> Hagedorn, (<i>Xyleboris</i>), <i>Dryococtoides</i> (= <i>granulicauda</i>)	657
nevermanni Schedl, <i>Scolytus</i>	354	<i>nigricollis</i> Hopkins, <i>Hypothenemus</i> (= <i>eruditus</i>)	922
<i>nevermanni</i> Schedl, <i>Xyleborus</i> (= <i>costaricensis</i>)	721	nigrielytris Nisima, <i>Polygraphus</i>	290
<i>uibarani</i> Beeson, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>birmanus</i>)	910	nigrina (Schedl), (<i>Ernoporus</i>), <i>Trischidias</i>	947
nigellatus (Schedl), (<i>Lepicerinus</i>), <i>Scolytogenes</i>	864	nigrinus (Mannerheim), (<i>Hylurgus</i>), <i>Hylastes</i>	57
niger (Bright), (<i>Neodryocoetes</i>), <i>Araptus</i>	959	nigrinus Schedl, <i>Microcryphalus</i>	411
niger (Eggers), (<i>Ceratolepis</i>), <i>Cnemonyx</i>	317	nigripennis (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodinus</i>	677
niger (Fabricius), (<i>Hylesinus</i>), <i>Camptocerus</i>	319	nigripennis Blandford, <i>Metacorthylus</i>	1064
niger (Schedl), (<i>Erioschidias</i>), <i>Cosmoderes</i>	901	<i>nigripennis</i> Hopkins, <i>Hypothenemus</i> (= <i>eruditus</i>)	923
niger (Schedl), (<i>Hapalogenius</i>), <i>Hylesinopsis</i>	94	<i>nigripennis</i> Mader, <i>Tomicus</i> (= <i>minor</i>)	123
niger (Schedl), (<i>Metacorthylus</i>), <i>Corthylus</i>	1075	nigripes Eggers, <i>Coccotrypes</i>	607
niger Eggers, <i>Coccotrypes</i>	607	<i>nigripes</i> Reitter, <i>Phloeosinus</i> (= <i>bicolor</i>)	242
<i>niger</i> Geoffroy, <i>Scolytus</i> (= <i>scolytus</i>)	375	nigrisetosus Eggers, <i>Diamerus</i>	197
		<i>nigritus</i> Gyllenhal, (<i>Bostrichus</i>), <i>Orthotomicus</i> (= <i>suturalis</i>)	477
		nigrivestis (Schedl), (<i>Ctonocryphus</i>), <i>Glostatus</i>	836
		<i>nigroaffinis</i> Beeson, <i>Xyleborus</i> (= <i>adamsoni</i>)	705
		nigronitens (Schedl), (<i>Pocillips</i>), <i>Coccotrypes</i>	607

<i>nigropiceus</i> (Schedl). (Stephanoderes), <i>Hypothenemus</i>	936	<i>nitidulus</i> Guerin-Meneville. (Piezorhopalus) <i>Amphicranus</i> (= <i>thoracicus</i>)	1049
<i>nigropilosus</i> Eggers. (Xyleborus)	755	<i>nitidulus</i> Hopkins. (Stephanoderes). <i>Hypothenemus</i> (= <i>seriatus</i>)	943
<i>nigrosetosus</i> (Schedl). (Xyleborus). <i>Fucallacca</i>	692	<i>nitidulus</i> Schedl. <i>Thammurgus</i>	545
<i>nigrosetosus</i> Hagedorn. (Xylechinus)	116	<i>nitidum</i> Schedl. <i>Rhopalopselion</i>	97
<i>nigrosetosus</i> Schedl. <i>Hypocryphalus</i>	571	<i>nitidus</i> (Eggers). (Dendrugus). <i>Coccotrypes</i>	607
<i>nigrum</i> Sokanovskii. <i>Trypodendron</i> (= <i>lineatum</i>)	643	<i>nitidus</i> (Eggers). (Prionosceles). <i>Scolytodes</i>	396
<i>niijimai</i> Nobuchi. <i>Dryocoetes</i>	554	<i>nitidus</i> (Hagedorn). (Lepicrus). <i>Cyrtogenius</i>	567
<i>niisimai</i> (Eggers). (Hyorrhynchus). <i>Sucus</i>	191	<i>nitidus</i> (Schedl). (Dryocoetes). <i>Dryocoetiops</i>	588
<i>niligrinus</i> Eggers. <i>Hylesinus</i>	52	<i>nitidus</i> (Schedl). (Eidophelus). <i>Micocryphalus</i>	411
<i>nimifrons</i> Wood. <i>Cnathotrichus</i>	1036	<i>nitidus</i> (Schedl). (Xyleborus). <i>Cnestus</i>	503
<i>niponensis</i> Inouye & Nobuchi. <i>Cryphalus</i>	855	<i>nitidus</i> Blackman. <i>Cuesinus</i> (= <i>blackmani</i>)	206
<i>niponicum</i> Blandford. <i>Trypodendron</i>	644	<i>nitidus</i> Browne. <i>Thammurgus</i>	545
<i>niponicus</i> Murayama. <i>Hylurgops</i> (= <i>interstitialis</i>)	34	<i>nitidus</i> Eggers. (Adryocoetes). <i>Coptodryas</i> (= <i>pulla</i>)	826
<i>Nipponopolygraphus</i> Nobuchi (= <i>Polygraphus</i>)	254	<i>nitidus</i> Eggers. <i>Chramesus</i> (= <i>opacicollis</i>)	267
<i>nitellus</i> (Schedl). (Hexacolus). <i>Scolytodes</i>	395	<i>nitidus</i> Eggers. <i>Cuesinus</i>	210
<i>nitellus</i> Browne. <i>Pityophthorus</i>	1015	<i>nitidus</i> Eggers. <i>Ips</i>	514
<i>nitellus</i> Browne. (Xyleborus)	755	<i>nitidus</i> Eggers. <i>Pagiocerus</i> (= <i>frontalis</i>)	214
<i>nitellus</i> Schedl. <i>Thammurgus</i>	545	<i>nitidus</i> Eggers. <i>Pityogenes</i> (= <i>seirindensis</i>)	458
<i>nitens</i> (Schedl). (Hexacolus). <i>Scolytodes</i>	396	<i>nitidus</i> Eggers. <i>Scolytoplatypus</i>	405
<i>nitens</i> (Schedl). (Ozodendron). <i>Peridryocoetes</i>	561	<i>nitidus</i> Schedl. (Ptilopodius). <i>Eidophelus</i> (= <i>imitans</i>)	867
<i>nitens</i> Browne. <i>Cnestus</i> (= <i>aterimus</i>)	802	<i>nitidus</i> Schedl. <i>Scolytus</i>	354
<i>nitens</i> Browne. <i>Cryphalus</i>	555	<i>nitidus</i> Swaine. <i>Hylastes</i> (= <i>gracilis</i>)	55
<i>nitens</i> Browne. (Xyleborus)	755	<i>nitidus</i> Swaine. <i>Phloeosinus</i> (= <i>cupressi</i>)	245
<i>nitens</i> Wood. <i>Cnemomyx</i> (= <i>atratus</i>)	314	<i>nitidus</i> Swaine. <i>Pityophthorus</i>	1016
<i>nitidicollis</i> (Eggers). (Plathorophloeus). <i>Phlocotribus</i>	225	<i>nitidus</i> Swaine. <i>Trypophloeus</i> (= <i>striatulus</i>)	547
<i>nitidicollis</i> (Motschulsky). (Olonthogaster). <i>Hyleidus</i>	260	<i>nitidus orientalis</i> Eggers. <i>Cyrtogenius</i> (= <i>nitidus</i>)	567
<i>nitidicollis</i> (Reitter). (Dryocoetes). <i>Tiarophorus</i>	540	<i>nobilis</i> (Eggers). (Pseudoxyleborus). <i>Amasa</i>	683
<i>nitidicollis</i> Chapuis. <i>Phlocoborus</i> (= <i>punctatorugosus</i>)	100	<i>nobilis</i> (Wollaston). (Tomicus). <i>Ips</i>	514
<i>nitidicollis</i> Eggers. <i>Scolytoplatypus</i>	405	<i>nobilis</i> Blandford. <i>Hylesinus</i>	52
<i>nitidicollis</i> Hagedorn. (Xyleborus). <i>Dryocoetoides</i> (= <i>granulicauda</i>)	657	<i>nobilis</i> Swaine. <i>Pseudohylesinus</i>	111
<i>nitidicollis</i> Schedl. <i>Hypocryphalus</i>	571	<i>nobuchii</i> Schedl. (Cryphalomorphus). <i>Scolytogenes</i> (= <i>punctatulus</i>)	565
<i>nitidifrons</i> Hopkins. (Stephanoderes). <i>Hypothenemus</i> (= <i>multidentatus</i>)	936	<i>nobuchii</i> Choo & Woo. <i>Polygraphus</i>	291
<i>nitidifrons</i> Hopkins. <i>Cnathotrichus</i>	1036	<i>nocturnus</i> Schedl. <i>Pityophthorus</i>	1016
<i>nitidilooides</i> (Schedl). (Xyleborus). <i>Cnestus</i>	503	<i>nodatus</i> Wood. <i>Scolytus</i>	354
<i>nitidior</i> (Eggers). (Xyleborus). <i>Amasa</i>	683	<i>nodicornis</i> Wichmann. (Eccoptogaster). <i>Scolytus</i> (= <i>nodulus</i>)	355
<i>nitidipennis</i> (Schedl). (Breviophthorus). <i>Pityophthorus</i>	1015	<i>nodifer</i> Blandford. <i>Tricolus</i>	1044
<i>nitidipennis</i> (Schedl). (Neodryocoetes). <i>Araptus</i>	960	<i>nodifer</i> Reitter. <i>Scolytus</i> (= <i>multistriatus</i>)	353
<i>nitidipennis</i> (Schedl). (Xyleborus). <i>Cnestus</i>	503	<i>nodosum</i> Eggers. <i>Ctonoxylon</i>	835
<i>nitidipennis</i> Browne. <i>Cryphalus</i>	555	<i>nodulosus</i> (Eggers). (Xyleborus). <i>Ambrosiodinus</i>	677
<i>nitidipennis</i> Hopkins. (Stephanoderes). <i>Hypothenemus</i> (= <i>seriatus</i>)	942	<i>nodulosus</i> Hagedorn. <i>Premnobius</i>	654
<i>nitidipennis</i> Roubal. (Xyleborus) (= <i>monographus</i>)	751	<i>nodulus</i> (Wichmann). (Eccoptogaster). <i>Scolytus</i>	355
<i>nitidipennis</i> Schedl. (Pocellips). <i>Coccotrypes</i> (= <i>longior</i>)	605	<i>nodulus</i> Wood. <i>Hyllocurus</i>	426
<i>nitidissimus</i> (Eggers). (Hexacolus). <i>Scolytodes</i>	396	<i>noguerae</i> Atkinson. <i>Cuesinus</i>	210
<i>nitidula</i> Wood. <i>Micracisella</i>	430	<i>nolens</i> Wood. <i>Corthylus</i>	1075
<i>nitidulus</i> (Mannerheim). <i>Pityophthorus</i>	1015	<i>Nomebius</i> Navas (= <i>Pycnarthrum</i>)	354
<i>nitidulus</i> (Schedl). (Neodryocoetes). <i>Araptus</i>	960	<i>nonseptis</i> Schedl. (Phloeosinus). <i>Cladoctonus</i> (= <i>banosus</i>)	238
<i>nitidulus</i> Chapuis. <i>Scolytus</i> (= <i>mali</i>)	344	<i>norfolkensis</i> Schedl. (Xyleborus)	755
<i>nitidulus</i> Eggers. (Xyleborus)	755	<i>norimasanus</i> (Murayama). (Dryocoetes). <i>Coccotrypes</i>	607
		<i>normandi</i> (Eggers). (Thammurgus). <i>Tiarophorus</i>	540
		<i>noysi</i> Schedl. (Xyleborus)	755

<i>notatum</i> Wood, <i>Monarthrum</i>	1059	<i>numidicus</i> Eichboff, <i>Cryphalus</i>	885
<i>notatus</i> (Eggers), (<i>Hexacolus</i>), <i>Scolytodes</i>	396	<i>numidicus</i> Ferrari, <i>Crypturgus</i>	625
<i>notatus</i> Eggers, (<i>Pocilips</i>), <i>Coccotrypes</i> (= <i>vulgaris</i>)	614	<i>numidicus abbreviatus</i> Eggers, <i>Crypturgus</i> (= <i>numidicus</i>)	625
<i>notatus</i> Eggers, <i>Xyleborus</i> (= <i>ferrugineus</i>)	739	<i>nunbergi</i> Michalski, <i>Scolytus</i>	355
<i>nothofagi</i> (Schedl), (<i>Gnathominus</i>), <i>Gnathotrypes</i>	1042	<i>nuperus</i> Bright, <i>Xyleborus</i>	755
<i>nothofagi</i> Browne, <i>Cryphalus</i>	855	<i>nutaus</i> (Schedl), (<i>Xyleborus</i>), <i>Cyclochipidion</i>	700
<i>Notoxyleborus</i> Schedl (= <i>Xyleborus</i>)	704	<i>nutanus</i> Schedl, <i>Xyleborus</i> (= <i>rugatus</i>)	769
<i>noumeanus</i> (Browne), (<i>Dryocoetes</i>), <i>Cyrtogenius</i>	567	<i>nyalubombeae</i> Schedl, <i>Cryphalus</i>	886
<i>noragrauadeensis</i> Eggers, <i>Xyleborus</i>	755	<i>nyssae</i> Hopkins, <i>Xyleborus</i> (= <i>ferrugineus</i>)	739
<i>noraguineanus</i> Schedl, <i>Xyleborus</i> (= <i>similis</i>)	773	<i>oahuensis</i> Perkins, <i>Xyleborus</i>	756
<i>noraki</i> Reitter, <i>Kissophagus</i>	69	<i>oahuensis</i> Samuelson, <i>Xyleborus</i> (= <i>scabratus</i>)	770
<i>norateutonicus</i> (Schedl), (<i>Gnathocranus</i>), <i>Araptus</i>	960	<i>oahuensis</i> Schedl, <i>Hypothenemus</i> (= <i>arecae</i>)	908
<i>norateutonicus</i> (Schedl), (<i>Plathorophloeus</i>), <i>Phlocotribus</i>	225	<i>oaxacaensis</i> Bright, <i>Monarthrum</i> (= <i>hoegei</i>)	1057
<i>norateutonicus</i> (Schedl), (<i>Ptilopodius</i>), <i>Hypothenemus</i>	936	<i>obanus</i> Hagedorn, <i>Ozopemon</i>	559
<i>norateutonicus</i> Schedl, (<i>Problechilus</i>), <i>Gymnochilus</i> (= <i>concisus</i>)	356	<i>obelus</i> Wood, <i>Scolytus</i>	355
<i>norateutonicus</i> Schedl, <i>Cucosinus</i>	210	<i>obesa</i> Blackman, <i>Phrixosoma</i>	190
<i>norateutonicus</i> Schedl, <i>Pityophthorus</i>	1017	<i>obesum</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1059
<i>norateutonicus</i> Schedl, <i>Scolytus</i>	355	<i>obesus</i> (Hopkins), (<i>Daeryphalus</i>), <i>Hypocryphalus</i>	871
<i>norateutonicus</i> Schedl, <i>Xyleborus</i> (= <i>posticus</i>)	765	<i>obesus</i> (Schedl), (<i>Micraciops</i>), <i>Lanurgus</i>	409
<i>novellus</i> Blackman, <i>Pityophthorus</i>	1017	<i>obesus</i> (Wood), (<i>Cryptuloceptus</i>), <i>Pseudothysanoes</i>	415
<i>novus</i> (Eggers), (<i>Xyleborus</i>), <i>Leptoxyleborus</i>	660	<i>obesus</i> Browne, <i>Hyporhynchus</i>	192
<i>novus</i> Bright, <i>Xyleborus</i> (= <i>howdenae</i>)	743	<i>obesus</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>jacanus</i>)	932
<i>noxius</i> Ratzeburg, (<i>Eccoptogaster</i>), <i>Scolytus</i> (= <i>pygmaeus</i>)	359	<i>obesus</i> Kirsch 1875, <i>Phlocotribus</i> (= <i>pilula</i>)	227
<i>noxius</i> Sampson, (<i>Xyleborus</i>), <i>Euwallacea</i> (= <i>andamaensis</i>)	656	<i>obesus</i> LeConte, <i>Xyleborus</i>	756
<i>usafukalae</i> (Schedl), (<i>Xyleborus</i>), <i>Cyclochipidion</i>	700	<i>obesus</i> Mannerheim, (<i>Hylurgus</i>), <i>Dendroctonus</i> (= <i>rufipennis</i>)	176
<i>nubilus</i> (Blandford), (<i>Dryocoetes</i>), <i>Coccotrypes</i>	607	<i>obesus</i> Swaine, <i>Pseudohylesinus</i> (= <i>tsugae</i>)	113
<i>nubilus</i> (Wood), (<i>Cryphalomorphus</i>), <i>Scolytogonus</i>	864	<i>obesus</i> Wood, <i>Araptus</i>	960
<i>nubilus</i> Blackman, (<i>Ceratolepis</i>), <i>Cnemonyx</i> (= <i>ficus</i>)	315	<i>obesus</i> Wood, <i>Scolytodes</i>	396
<i>nubilus</i> Blandford, <i>Phlocotribus</i>	225	<i>obesus</i> minor Swaine, <i>Xyleborus</i> (= <i>sayi</i>)	770
<i>nubilus</i> Samuelson, <i>Xyleborus</i>	755	<i>obieusis</i> Browne, <i>Xyleborus</i>	756
<i>nuciferus</i> Schedl, (<i>Pocilips</i>), <i>Coccotrypes</i> (= <i>advena</i>)	593	<i>oblicatus</i> Schedl, <i>Xyleborus</i> (= <i>obliquus</i>)	757
<i>nudibrevis</i> (Schedl), (<i>Xyleborus</i>), <i>Coptodryas</i>	825	<i>obliquecaudata</i> Motschulsky (<i>Phlocotrogus</i>), <i>Ambrosiodinus</i>	677
<i>nudifrons</i> Motschulsky, (<i>Phlocosinus</i>), <i>Hyledius</i> (= <i>concinulus</i>)	259	<i>obliquecaudatum</i> Schedl, (<i>Pterocyclon</i>), <i>Monarthrum</i> (= <i>scutellare</i>)	1062
<i>nudipeennis</i> (Schedl), (<i>Xyleborus</i>), <i>Coptodryas</i>	825	<i>obliquesectum</i> (Eggers), (<i>Xyleborus</i>), <i>Cyclochipidion</i>	700
<i>nudipeennis</i> Schedl, <i>Corthylus</i>	1075	<i>obliquum</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1060
<i>nudiusculus</i> Schedl, <i>Corthylus</i> (= <i>flagellifer</i>)	1073	<i>obliquus</i> (LeConte) (<i>Pityophthorus</i>), <i>Ambrosiodinus</i>	677
<i>nudum</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1059	<i>obliquus</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>interstitialis</i>)	932
<i>nudum</i> Israelson, <i>Aphanarthrum</i> (= <i>glabrum</i>)	618	<i>obliquus</i> Chapuis, <i>Phlocotribus</i> (= <i>pilula</i>)	227
<i>nudus</i> (Numberg), (<i>Xyleborus</i>), <i>Cnestus</i>	803	<i>obliquus</i> Schedl, <i>Corthylus</i>	1076
<i>nudus</i> (Schedl), (<i>Thamnopterus</i>), <i>Araptus</i>	960	<i>obliquus</i> Schedl, <i>Cryphalus</i> (= <i>sylicola</i>)	896
<i>nudus</i> Nunberg, <i>Strombophorus</i> (= <i>crenatus</i>)	203	<i>obliquus</i> Sharp, <i>Xyleborus</i>	756
<i>nudus</i> Schedl, <i>Corthylus</i>	1076	<i>oblitus</i> Perris, (<i>Tonicus</i>), <i>Orthotomicus</i> (= <i>longicollis</i>)	473
<i>nudus</i> Swaine, <i>Pityophthorus</i> (= <i>consimilis</i>)	991	<i>oblongus</i> (Eggers), (<i>Hexacolus</i>), <i>Scolytodes</i>	396
<i>nuesslini</i> Reitter, <i>Kissophagus</i>	69	<i>oblongus</i> (Eggers), (<i>Pseudophlocotribus</i>), <i>Hylesinopsis</i>	95
<i>nugalis</i> Wood, <i>Pityophthorus</i>	1017	<i>oblongus</i> (Nobuchi), (<i>Macrocryphalus</i>), <i>Hypothenemus</i>	936
<i>nugax</i> (Schedl), (<i>Xyleborus</i>), <i>Coptodryas</i>	826	<i>oblongus</i> Blandford, <i>Polygraphus</i>	291
<i>numidicus</i> Brisout, <i>Scolytus</i>	355		

<i>oblongus</i> Eggers, (<i>Pocillips</i>), <i>Coccotrypes</i> (= <i>longior</i>)	605	<i>occidentalis</i> Blackman, <i>Pityophthorus</i>	1017
<i>oblongus</i> Nüsiima, <i>Cryphalus</i>	886	<i>occidentalis</i> Browne, <i>Scolytoplatypus</i>	405
<i>oblongus</i> Schedl, <i>Xyleborus</i>	757	<i>occidentalis</i> Eggers, <i>Camptocerus</i>	319
<i>obmixus</i> Schedl, (<i>Gnathotrichus</i>), <i>Gnathotrypes</i> (= <i>longipennis</i>)	1041	<i>occidentalis</i> Hopkins, <i>Gnathotrichus</i> (= <i>retusus</i>)	1037
<i>obscura</i> Schedl 1962, <i>Pseudodiamerus</i> (= <i>obscurus</i>)	194	<i>occidentalis</i> Peyerimhoff, <i>Cisurgus</i>	630
<i>obscura</i> Schedl 1963, <i>Pseudodiamerus</i> (= <i>obscurus</i>)	194	<i>occidentalis</i> Schedl, (<i>Mimiophthorus</i>), <i>Mimioceus</i> (= <i>kikusuae</i>)	949
<i>obscuriceps</i> Schedl, <i>Hypothenemus</i> (= <i>eruditus</i>)	925	<i>occidentalis</i> Schedl, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>areccae</i>)	908
<i>obscurus</i> (Eggers), (<i>Neodryocoetes</i>), <i>Araptus</i>	960	<i>occidentalis</i> Schedl, <i>Polygraphus</i>	291
<i>obscurus</i> (Fabricius), (<i>Hylesinus</i>), <i>Hypothenemus</i>	936	<i>occidentalis</i> Schedl, <i>Strombophorus</i>	204
<i>obscurus</i> (Marsham), (<i>Ips</i>), <i>Hylastinus</i>	64	<i>occidentalis minusculus</i> Schedl, <i>Polygraphus</i> (= <i>occidentalis</i>)	291
<i>obscurus</i> (Wood), (<i>Hexacolus</i>), <i>Scolytodes</i>	396	<i>occlusus</i> Bright, <i>Pityophthorus</i>	1017
<i>obscurus</i> Chapuis, <i>Hylastes</i> (= <i>plumbeus</i>)	60	<i>ocellata</i> Wood, <i>Micracisella</i>	430
<i>obscurus</i> Eggers, <i>Bifonus</i>	1082	<i>ocellatus</i> (Wood), (<i>Xyleborus</i>), <i>Ambrosiodinus</i>	678
<i>obscurus</i> Eggers, <i>Microcorthyus</i>	1066	<i>ochromae</i> Wood, <i>Scolytodes</i>	396
<i>obscurus</i> Eggers, <i>Pernophorus</i>	202	<i>octiesdentatus</i> Murayama, <i>Xyleborus</i>	757
<i>obscurus</i> Eggers, <i>Pseudodiamerus</i>	194	<i>octodecimspinus</i> Sampson, <i>Webbia</i> (= <i>diptercarpi</i>)	830
<i>obscurus</i> Eggers, <i>Xylechinus</i>	116	<i>octodentatus</i> (Schedl), (<i>Pterocyclonoides</i>), <i>Tricolus</i>	1044
<i>obscurus</i> Fiehlhoff, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>setosus</i>)	944	<i>octodentatus</i> Browne, <i>Acanthotomicus</i>	482
<i>obscurus</i> Ferrari, (<i>Cryphalus</i>), <i>Hypothenemus</i> (= <i>eruditus</i>)	920	<i>octodentatus</i> Paykull, (<i>Bostrichus</i>), <i>Ips</i> (= <i>typographus</i>)	538
<i>obscurus</i> Hopkins, <i>Hypocryphalus</i>	871	<i>octospinosus</i> (Eggers), (<i>Xyleborus</i>), <i>Xyleborinus</i>	809
<i>obscurus</i> Rey, <i>Coccotrypes</i> (= <i>ductyliperda</i>)	600	<i>octospinosus</i> (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	482
<i>obscurus</i> Schedl, (<i>Xyleborus</i>), <i>Webbia</i> (= <i>similis</i>)	832	<i>octospinosus</i> Numberg, <i>Scolytoplatypus</i> (= <i>eichelbaumi</i>)	402
<i>obscurus</i> Wood, <i>Gnathotrichus</i>	1036	<i>ocularis</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	864
<i>obscurus</i> Wood, <i>Phloeocleptus</i>	421	<i>ocularis</i> (Wood), (<i>Mimips</i>), <i>Acanthotomicus</i>	482
<i>obsitum</i> Wollaston, <i>Aphanarthrum</i> (= <i>bicinctum</i>)	617	<i>ocularis</i> Blandford, <i>Cnesinus</i>	210
<i>obsolete</i> (Blandford), (<i>Pityophthorus</i>), <i>Araptus</i>	960	<i>ocularis</i> Wood, <i>Microcorthyus</i>	1066
<i>obstipus</i> Schedl, <i>Xyleborus</i>	757	<i>oculatus</i> Wood, <i>Corthyus</i>	1076
<i>obtectus</i> Schedl, <i>Scolytoplatypus</i>	405	<i>ohausi</i> Hagedorn, <i>Xyleborus</i> (= <i>princeps</i>)	765
<i>obtrusus</i> Sampson, <i>Xyleborus</i> (= <i>tumucensis</i>)	779	<i>ohnoi</i> Browne, <i>Xyleborus</i>	757
<i>obtusatus</i> Schedl, <i>Xyleborus</i>	757	<i>ohnoensis</i> Nobuchi, <i>Xyleborus</i>	757
<i>obtusicollis</i> (Schedl), (<i>Pocillips</i>), <i>Coccotrypes</i>	608	<i>okadai</i> Browne, <i>Arixyleborus</i>	668
<i>obtusicollis</i> (Schedl), (<i>Xyleborus</i>), <i>Coptodryas</i>	826	<i>okinoseuensis</i> Murayama, <i>Xyleborus</i>	757
<i>obtusicornis</i> Schedl, <i>Sampsonius</i>	656	<i>okunneensis</i> Schedl, (<i>Xyleborus</i>), <i>Xylosandrus</i> (= <i>crassiusculus</i>)	792
<i>obtusipennis</i> Blandford, <i>Pityophthorus</i>	1017	<i>oleae</i> Fabricius, (<i>Bostrichus</i>), <i>Phloeotribus</i> (= <i>scarabaeoides</i>)	231
<i>obtusipennis</i> Eggers, <i>Xyleborus</i> (= <i>ferrugineus</i>)	736	<i>oleae</i> Schedl, <i>Lamurgus</i>	409
<i>obtusipennis</i> Schedl, <i>Hylcoerus</i>	426	<i>oleaeformis</i> Schedl, <i>Lamurgus</i>	409
<i>obtusipennis</i> Schedl, <i>Webbia</i>	831	<i>oleanderi</i> (Schedl), (<i>Neodryocoetes</i>), <i>Araptus</i>	960
<i>obtusispinosus</i> Schedl, <i>Webbia</i>	831	<i>oleiperda</i> Fabricius, (<i>Bostrichus</i>), <i>Hylesinus</i> (= <i>toranio</i>)	83
<i>obtusitruncatus</i> (Schedl), (<i>Xyleborus</i>), <i>Dryocoetoides</i>	658	<i>oleiphilus</i> DelGuercio, <i>Phloeotribus</i> (= <i>scarabaeoides</i>)	232
<i>obtusum</i> (Eggers), (<i>Anchomocerus</i>), <i>Monarthrum</i>	1060	<i>oliveirai</i> Schedl, <i>Corthyus</i>	1076
<i>obtusum</i> Eggers, <i>Trypodendron</i> (= <i>signatum</i>)	648	<i>olivierai</i> Schedl, <i>Pityophthorus</i>	1017
<i>obtusus</i> Eggers, (<i>Xyleborus</i>), <i>Cyclorhpidion</i> (= <i>circumcisum</i>)	698	<i>Olonthogaster</i> Motschulsky (= <i>Hyleidius</i>)	259
<i>obtusus</i> Eggers, <i>Diamerus</i>	197	<i>ominosus</i> Schedl, <i>Xyleborus</i> (= <i>amanicus</i>)	710
<i>obtusus</i> Eggers, <i>Pityogenes</i> (= <i>bidentatus</i>)	442	<i>omissum</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1060
<i>obtusus</i> Schaufuss, <i>Pityophthorus</i>	1017	<i>omissus</i> (Schedl), (<i>Xyleborus</i>), <i>Xylosandrus</i>	799
<i>obtusus</i> Schedl, (<i>Corthyus</i>), <i>Brachyspartus</i> (= <i>moritzi</i>)	1068		
<i>occidentalis</i> (Schedl), (<i>Hapalogenius</i>), <i>Rhopalopschion</i>	97		
<i>occidentalis</i> Bedel, <i>Phloeotribus</i> (= <i>scarabaeoides</i>)	230		

- omissus* Eichhoff, (*Tomicus*), *Orthotomicus*
(=*proximus*) 475
- omissus** Schedl, *Coccotrypes* 605
- omissus** Wood, *Gnathotrichius* 1036
- ommateus** Wood, *Scolytodes* 396
- oneratus** Schedl, *Xyleborus* 757
- onerosus** (Schedl), (*Ips*), *Acanthotomicus* 452
- onerosus** Schedl, *Xyleborus* (= *mascareuiformis*) 750
- onoharaensis** Murayama, *Xyleborus* 757
- Onthotomicus* Ferrari (= *Orthotomicus*) 467
- onynganus** (Schedl), (*Letznerella*), *Scolytogenes* 864
- opacicauda* Eggers, (*Xyleborus*), *Amasa* (= *resectus*) 654
- opacicaudulus** Schedl, *Cryptoxyleborus* 825
- opacicollis** (Eggers), (*Loganius*), *Camptocerus* 319
- opacicollis** (Eggers), (*Prionosceles*), *Scolytodes* 396
- opacicollis** (LeConte), (*Micracis*), *Micracisella* 430
- opacicollis** Blackman, *Pseudopityophthorus* 974
- opacicollis** Eggers, *Chramesus* 267
- opacicollis** Eggers, *Phloeotribus* 225
- opacicollis* Eggers, *Polygraphus* (= *primus*) 296
- opacicollis** Eggers, *Scolytoplatypus* 405
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(=*opacicollis*) 267
- opacifrons* Beeson, (*Thamnuurgides*), *Coccotrypes*
(=*salakensis*) 611
- opacifrons* Hopkins, (*Stephanoderes*), *Hypothenemus*
(=*pubescens*) 939
- opacifrons* Reitter, *Pityogenes* (= *calcaratus*) 445
- opacifrons* Schedl, (*Pterocyclon*), *Monarthrum*
(=*omissum*) 1060
- opacifrons* Schedl, *Amphicranus* (= *melanura*) 1047
- opacipennis* Hopkins, (*Stephanoderes*),
Hypothenemus (= *interstitialis*) 932
- opacithorax** (Schedl), (*Micracis*), *Micracisella* 431
- opacithorax** (Schedl), (*Xyleborus*), *Ambrosiodinus* 675
- opacithorax* Schedl, *Phloeoborus* (= *scaber*) 101
- opaculus* LeConte, (*Hylesinus*), *Hylurgopinus*
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- opaculus** LeConte, *Pityophthorus* 1017
- opaculus** Schedl, *Sternobothrus* 216
- opacus** (Eichhoff), (*Stephanoderes*),
Hypothenemus 937
- opacus** (Schedl), (*Cryphalomorphus*),
Scolytogenes 864
- opacus** Blackman, *Scolytus* 355
- opacus* Broun, (*Acrantus*), *Chaetoptelius*
(=*mundulus*) 103
- opacus** Eggers, *Diamerus* 197
- opacus** Erichson, *Hylastes* 57
- opacus** Schedl, *Hypocryphalus* (= *mangiferae*) 570
- opacus** Schedl, *Pseudochramesus* 262
- opacus** Schedl, *Xyloctonus* 840
- opacus** Wood, *Cnemomyx* 317
- opacus** Wood, *Scolytodes* 396
- opalescens** (Schedl), (*Xyleborus*), *Amasa* 653
- oparanus** (Beeson), (*Xyleborus*), *Eucallacca* 692
- operosus** Schedl, *Xyleborus* 757
- opienensis* Tsai & Li, *Cryphalus* (= *sinoabietis*) 895
- opinatum** (Schedl), (*Xyleborus*), *Cyclophilipidion* 700
- opimulus** (Schedl), (*Xyleborus*), *Xyleborinus* 509
- opimus** (Wood), (*Xyleborus*), *Ambrosiodinus* 675
- opimus* Blackman, *Pityophthorus* (= *carinulatus*) 956
- opimus** Wood, (*Acrantus*), *Chaetoptelius* 103
- opimus** Wood, *Phloeotribus* 225
- opimus** Wood, *Scolytodes* 396
- optatus** (Schedl), (*Xyleborus*), *Ambrosiodinus* 675
- opulentus** Schedl, *Xyleborus* 757
- oralis** (Schedl), (*Xyleborus*), *Xylosandrus* 739
- orarius** Bright, *Pityophthorus* 1015
- orbatus* Blandford, (*Xyleborus*), *Xylosandrus*
(=*germanus*) 796
- orbicaudatus** (Eggers), (*Xyleborus*), *Amasa* 654
- orbicularis** Schedl, *Webbia* 531
- orbiculatus** (Eggers), (*Xyleboricus*), *Arxyleborus* 665
- orbiculatus** (Schedl), (*Xyleborus*), *Xylosandrus* 500
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- oregoni** Blackman, *Scolytus* 355
- oregonis* Eichhoff, (*Tomicus*), *Ips* (= *pini*) 520
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- orientalis** (Eggers), (*Metalhylesinus*), *Hylesinopsis* 95
- orientalis** (Eggers), (*Ozophagus*), *Polygraphus* 291
- orientalis** (Schedl), (*Mimiopterus*),
Mimioctonus 949
- orientalis** Eggers, *Camptocerus* 320
- orientalis** Eggers, *Cryphalus* 586
- orientalis* Eggers, (*Pelicerus*), *Cyrtogenius*
(=*nitidus*) 567
- orientalis** Eggers, *Dactylipalpus* 102
- orientalis** Eggers, *Prennobius* 654
- orientalis* Eggers, (*Eccoptogaster*), *Scolytus*
(=*multistriatus*) 353
- orientalis** Eggers, *Xyleborus* 757
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- orientalis* Schedl, (*Cryphalomorphus*), *Scolytogenes*
(=*braderi*) 859
- orientalis** Schedl, *Aphanarthrum* 619
- orientalis** Schedl, *Cardoctonus* 253
- orientalis** Schedl, *Chortastus* 312
- orientalis** Schedl, *Thamnuurgus* 545
- orientalis** Wood & Yin, *Ips* 514
- orientalis aceris* Kurenzov, *Xyleborus* (= *orientalis*) 757
- orientalis kalopanacie* Kurenzov, *Xyleborus*
(=*orientalis*) 757
- orientalis pilosiusculus* Kurenzov, *Dryocoetes*
(=*infuscatus*) 554
- orinocanus** Wood, *Scolytopsis* 320
- orinocensis** Wood, *Chramesus* 267
- ornatus** (Swaine), (*Orthotomicus*), *Pityokteinus* 463
- ornatus** Blackman, *Pityophthorus* 1015
- orni** Fuchs, *Hylesinus* 52
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- Orthaspistes* Hagedorn (= *Tiarophorus*) 539

<i>Orthotomicus</i> Ferrari	467	<i>pallidus</i> Eichhoff, <i>Cryphalus</i>	886
<i>Orthotomicus</i> Wood (= <i>Pityokteines</i>)	459	<i>pallidus</i> Escalera, <i>Tomius</i> (= <i>piniiperda</i>)	128
<i>ostryacoleus</i> Bright, <i>Pityophthorus</i>	1018	<i>pallidus</i> Hopkins, <i>Hypothenemus</i> (= <i>plumeriae</i>)	938
<i>osumiensis</i> Murayama, <i>Phlocosinus</i>	249	<i>pallidus</i> Schedl, <i>Microcorthyus</i>	1066
<i>osumiensis</i> Murayama, <i>Xyleborus</i>	758	<i>pallipes</i> Sturm, <i>Ips</i> (= <i>pini</i>)	517
<i>ougeniae</i> Wood, <i>Xylechinus</i>	116	<i>palmarum</i> Eggers, <i>Coccotrypes</i>	608
<i>ovalicollis</i> Eggers, (<i>Xyleborus</i>), <i>Eucallacea</i> (= <i>callacei</i>)	695	<i>palmeri</i> Hopkins, <i>Coptoborus</i>	664
<i>ovalicollis</i> Schedl, <i>Hypocryphalus</i>	571	<i>palmi</i> Hansen, <i>Trypophloeus</i>	846
<i>oralis</i> (Eggers), (<i>Hexacolus</i>), <i>Scolytodes</i>	396	<i>palmicola</i> Hornung, (<i>Bostrichus</i>), <i>Coccotrypes</i> (= <i>ductyliperda</i>)	601
<i>oralis</i> Eggers, (<i>Phloeophthorus</i>), <i>Phlocotribus</i> (= <i>cristatus</i>)	220	<i>pampasae</i> Schedl, <i>Pityophthorus</i>	1018
<i>oralis</i> Schedl, <i>Chramesus</i>	267	<i>panamensis</i> (Blandford), (<i>Loganius</i>), <i>Cnemomyx</i>	317
<i>oratus</i> (Eggers), (<i>Dryotomus</i>), <i>Phlocotribus</i>	225	<i>panamensis</i> Blackman, <i>Chramesus</i> (= <i>pumilus</i>)	268
<i>oratus</i> (Eggers), (<i>Xyleborus</i>), <i>Ambrosiodinus</i>	678	<i>panamensis</i> Blackman, <i>Cnesinus</i> (= <i>setulosus</i>)	211
<i>oratus</i> Chapuis, <i>Phlocoborus</i> (= <i>asper</i>)	98	<i>panamensis</i> Blackman, <i>Gnatholeptus</i>	970
<i>oratus</i> Wood, <i>Micrasis</i>	433	<i>panamensis</i> Blandford, <i>Corthyus</i>	1076
<i>oricollis</i> Blandford, <i>Tricolus</i>	1044	<i>panamensis</i> Wood, <i>Scolytodes</i> (= <i>atratus</i>)	389
<i>oxyurus</i> Schedl, <i>Cryptoxyleborus</i>	829	<i>pandae</i> (Schedl), (<i>Xyleborus</i>), <i>Eucallacea</i>	692
<i>Ozodendron</i> Schedl 1957 (= <i>Cyrtogenius</i>)	562	<i>pandulus</i> (Wood), (<i>Xyleborus</i>), <i>Tanrodemus</i>	788
<i>Ozodendron</i> Schedl 1964 (= <i>Cyrtogenius</i>)	562	<i>pannuceus</i> Wood, <i>Scolytodes</i>	396
<i>Ozopemon</i> Hagedorn	588	<i>papatrae</i> Schedl, <i>Xyleborus</i>	758
<i>Ozophagus</i> Eggers (= <i>Polygraphus</i>)	284	<i>papuae</i> Wood, <i>Cyrtogenius</i>	567
<i>pabo</i> Sampson, <i>Webbia</i>	831	<i>papuanus</i> (Eggers), (<i>Dendrognus</i>), <i>Coccotrypes</i>	608
<i>Pachycotes</i> Sharp	187	<i>papuanus</i> (Eggers), (<i>Dryocoetes</i>), <i>Cyrtogenius</i>	567
<i>pachylobius</i> (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	482	<i>papuanus</i> (Schedl) 1974, (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	864
<i>Pachynoderes</i> Schedl (= <i>Hypothenemus</i>)	905	<i>papuanus</i> (Schedl), (<i>Margadillius</i>), <i>Ernoporus</i>	855
<i>pacificus</i> (Beeson), (<i>Hylesinus</i>), <i>Ficicis</i>	91	<i>papuanus</i> (Schedl), (<i>Phlocosinus</i>), <i>Hylellus</i>	261
<i>pacificus</i> (Schedl), (<i>Lepticerinus</i>), <i>Scolytogenes</i>	864	<i>papuanus</i> Blandford, <i>Xyleborus</i>	758
<i>pacificus</i> Beeson, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>birmanus</i>)	910	<i>papuanus</i> Browne, (<i>Euptilius</i>), <i>Ernoporus</i> (= <i>antennarius</i>)	854
<i>pacificus</i> Bright, <i>Phlocotribus</i>	225	<i>papuanus</i> Eggers, (<i>Pelicerus</i>), <i>Cyrtogenius</i> (= <i>papuae</i>)	567
<i>pacificus</i> Nunberg, <i>Xyleborus</i> (= <i>rulcanus</i>)	783	<i>papuanus</i> Eggers, <i>Hylesinus</i> (= <i>cordipennis</i>)	77
<i>pacificus</i> Schedl, <i>Ptilopodius</i>	900	<i>papuanus</i> Eggers, <i>Ozopemon</i>	590
<i>pacificus</i> Wood, <i>Phlocosinus</i>	249	<i>papuanus</i> Eggers, <i>Scolytolatypus</i>	408
<i>padi</i> Krivolutskaya, <i>Cryphalus</i> (= <i>scopiger</i>)	894	<i>papuanus</i> Schedl 1979, (<i>Cryphalomorphus</i>), <i>Scolytogenes</i> (= <i>paradoxus</i>)	864
<i>padi</i> Stark, <i>Dryocoetes</i>	584	<i>papuanus</i> Schedl, (<i>Xylechinus</i>), <i>Phlocosinopsioides</i> (= <i>triseriatus</i>)	239
<i>padus</i> Beeson, (<i>Amphagus</i>), <i>Xylechinus</i> (= <i>padus</i>)	117	<i>papuanus</i> Schedl, (<i>Xylocryptus</i>), <i>Scolytogenes</i> (= <i>papuensis</i>)	864
<i>padus</i> Wood, <i>Xylechinus</i>	117	<i>papuanus</i> Schedl, <i>Cosmoderes</i>	902
<i>paganus</i> Eichhoff, <i>Cryphalus</i>	886	<i>papuanus</i> Schedl, <i>Cryphalus</i> (= <i>tetricus</i>)	897
<i>Pagiocerus</i> Eichhoff	213	<i>papuanus</i> Schedl, (<i>Eidophelus</i>), <i>Cyrtogenius</i> (= <i>papuensis</i>)	567
<i>palaquius</i> (Schedl), (<i>Phloeochilus</i>), <i>Liparthrum</i>	279	<i>papuanus</i> Schedl, <i>Scolytus</i> (= <i>multistriatus</i>)	353
<i>palatus</i> Wood, <i>Xyleborus</i>	758	<i>papuensis</i> Wood, <i>Cyrtogenius</i>	567
<i>palauensis</i> (Wood), (<i>Phloeotrypetus</i>), <i>Liparthrum</i>	279	<i>papuensis</i> Wood, <i>Scolytogenes</i>	864
<i>palauanus</i> Eggers, <i>Sphaerotrypes</i>	200	<i>papulans</i> Eichhoff, <i>Corthyus</i>	1076
<i>palauanus</i> Schedl, <i>Cryphalus</i>	886	<i>paraconfusus</i> Lanier, <i>Ips</i>	514
<i>palearis</i> Wood, <i>Phlocosinus</i>	250	<i>paraconfusa</i> Bright, Schedl, <i>Cnemid</i>	822
<i>paleatus</i> Blandford, <i>Cnesinus</i>	210	<i>Paracorthyus</i> Wood (= <i>Metacorthyus</i>)	1064
<i>palembangensis</i> Schedl, <i>Xyleborus</i> (= <i>quadrispinosulus</i>)	768	<i>paradoxus</i> (Schedl), (<i>Xyleborus</i>), <i>Dryocoetoides</i>	658
<i>pallens</i> Wood, <i>Thysanoes</i>	420	<i>paradoxus</i> Schedl, <i>Hypothenemus</i>	938
<i>palliatus</i> (Gyllenhal), (<i>Hylesinus</i>), <i>Hylurgops</i>	35	<i>paradoxus</i> Wood, <i>Scolytogenes</i>	864
<i>pallidipennis</i> (Eggers), (<i>Xyleborus</i>), <i>Cnestus</i>	803	<i>Paraglostatus</i> Schedl (= <i>Glostatus</i>)	838
<i>pallidipennis</i> Murayama, (<i>Tosaxyleborus</i>), <i>Cnestus</i> (= <i>murayamai</i>)	802		
<i>pallidum</i> (Chapuis), (<i>Nemobius</i>), <i>Pycnarthrum</i>	385		
<i>pallidus</i> (Blackman), (<i>Neodryocoetes</i>), <i>Araptus</i>	960		

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- paraguayensis* Hopkins, (*Stephanoderes*),
Hypothenemus (= *erudiae*) 915
- paraguayensis* Schedl, (*Xyleborus*), *Xyleborinus*
(= *saxeseni*) 515
- paraguayensis* Schedl, *Cnesinus* 210
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- parallelus* (Schedl), (*Hexacolus*), *Scolytodes* 397
- parallelus* Chapuis, *Hylastes* 59
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- Paraxyleborus* Hoffmann (= *Gnathotrichus*) 1034
- parellus* Wood, *Xyleborus* 755
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- parilis* Schedl, *Hypothenemus* (= *eruditus*) 925
- parilis* Wood, *Amphicranus* 1045
- parilis* Wood, *Dendroterus* 951
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(= *eichelbaumi*) 402
- parvior* Browne, *Xyleborus* (= *amphicranoides*) 711
- parvipunctatus* Eggers, *Xyleborus* 755
- parvispinosus* Schedl, *Xyleborus*
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- parvispinosus* Palembangensis Schedl, *Xyleborus*
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- parvulus* Blandford, *Corthylus* 1077
- parvulus* Browne, *Hypothenemus* 935
- parvulus* Eggers, *Margadillius* 599
- parvulus* Eichhoff, *Xyleborus* (= *similis*) 773
- parvulus* Ferrari, *Microcorthylus* 1066
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- paulus* Wood, *Pityophthorus* 1019
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(= *seriatus*) 943
- peccanus* Hopkins, (*Xyleborus*), *Xyleborinus*
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<i>penicillatum</i> (Eichhoff), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1060	<i>perfoliatus</i> (Wollaston), (<i>Phloeophthorus</i>), <i>Phloeotribus</i>	225
<i>penicillatus</i> (Bruck), (<i>Renocis</i>), <i>Chaetophloeus</i>	273	<i>perforans</i> (Wollaston), (<i>Tomicus</i>), <i>Xyleborus</i>	759
<i>penicillatus</i> (Hagedorn), (<i>Xyleborus</i>), <i>Taphrodastus</i>	525	perforatus Beeson, <i>Pityogenes</i> (= <i>spessirtseri</i>)	458
<i>penicillatus</i> Reitter, <i>Scolytus</i> (= <i>intricatus</i>)	334	<i>perhispidus</i> (Eggers), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	938
<i>penicillus</i> Schedl, <i>Scolytus</i> (= <i>propinguus</i>)	357	Peridryocoetes Schedl (= <i>Peridryocoetes</i> Wood)	561
<i>peniculus</i> Wood, <i>Chramesus</i>	267	Peridryocoetes Wood	561
<i>peniculus</i> Wood, <i>Pseudothysanoes</i>	415	Periocryphalus Wood	947
<i>pennatum</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1060	<i>periosus</i> Wood, <i>Chramesus</i>	267
<i>pennatus</i> (Schedl), (<i>Micracis</i>), <i>Pseudomicracis</i>	429	<i>peritus</i> Blandford, <i>Hypothenemus</i> (= <i>birmanus</i>)	910
<i>pennatus</i> Schedl, <i>Microrhynchus</i>	411	<i>perkinsi</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>birmanus</i>)	910
<i>pennatus</i> Schedl, <i>Sampsonius</i>	656	<i>perlaetus</i> Schedl, (<i>Xyleborus</i>), <i>Cyclorhipidion</i> (= <i>pelliculosum</i>)	701
<i>pennidens</i> (Reitter), (<i>Tomicus</i>), <i>Pityogenes</i>	454	<i>perlaetus</i> Schedl, <i>Polygraphus</i>	291
<i>pentaclethrae</i> Schedl, <i>Pityophthorus</i>	1019	<i>perlatus</i> Chapuis, <i>Phloeosinus</i>	250
<i>pentaclethrae</i> Schedl, <i>Xyleborus</i>	759	<i>perlongus</i> Eggers, <i>Xyleborus</i>	762
<i>pentacme</i> Wood, <i>Sphaerotrypes</i>	200	<i>permagnus</i> (Eggers), (<i>Prionosceles</i>), <i>Scolytodes</i>	397
<i>perakensis</i> (Schedl), (<i>Dryocoetes</i>), <i>Cyrtogenius</i>	567	<i>permarginatus</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	678
<i>perakensis</i> Schedl, (<i>Xyleborus</i>), <i>Eucallacea</i> (= <i>wallacei</i>)	695	<i>perminimus</i> (Schedl), (<i>Cryphalus</i>), <i>Hypoeryphalus</i>	871
<i>peramplioides</i> Schedl, <i>Xyleborus</i>	759	<i>perminor</i> Schedl, (<i>Xyleborus</i>), <i>Premnobius</i> (= <i>minor</i>)	654
<i>peramplus</i> Schedl, <i>Xyleborus</i>	759	<i>perminutissimus</i> (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	809
<i>perappositus</i> (Schedl), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	938	<i>permirus</i> Schaufuss, <i>Scolytoplatypus</i>	405
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<i>percorthyloides</i> Schedl, (<i>Xyleborus</i>), <i>Xylosandrus</i> (= <i>corthyloides</i>)	790	<i>pernicosus</i> Wood, <i>Gnathotrichus</i>	1036
<i>percorthyly</i> (Schedl), (<i>Xyleborus</i>), <i>Taphrodastus</i>	525	<i>pernicosus</i> Wood, <i>Phloeotribus</i>	226
<i>percristatus</i> Eggers, <i>Xyleborus</i>	759	pernitidus Eggers, (<i>Poecilips</i>), <i>Coccotrypes</i> (= <i>advena</i>)	592
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<i>perdiligens</i> Schedl, <i>Xyleborus</i>	759	<i>pernotus</i> Schedl, <i>Xyleborus</i>	762
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<i>perditor</i> Blandford, <i>Coccotrypes</i>	609	<i>perotei</i> Blackman, <i>Pityophthorus</i>	1019
<i>perditum</i> Wood, <i>Pycnarthrum</i>	385	<i>perparva</i> (Sampson), (<i>Xyleborus</i>), <i>Coptodryas</i>	826
<i>perditus</i> Wood, <i>Scolytodes</i>	397	<i>perpilosellum</i> (Schedl), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	701
<i>perlix</i> Schedl, <i>Xyleborus</i> (= <i>jacanus</i>)	746	<i>perplexus</i> Schedl, <i>Glostatus</i>	836
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<i>peregrinus</i> (Chapuis), (<i>Hylastes</i>), <i>Pachycotes</i>	187	<i>perplexus</i> Wood, <i>Carphoborus</i>	307
<i>peregrinus</i> (Schedl), (<i>Ips</i>), <i>Acanthotomicus</i>	482	<i>perplexus</i> Wood, <i>Cnesinus</i>	210
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<i>peregrinus</i> Eggers, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= <i>saxeseni</i>)	815	<i>perpunctatus</i> Schedl, <i>Xyleborus</i>	762
<i>peregrinus</i> Eichhoff, <i>Pityophthorus</i>	1019	<i>perpusillus</i> (Eggers), (<i>Xyleborus</i>), <i>Xyleborinus</i>	809
<i>peregrinus</i> Schedl, <i>Cyrtogenius</i>	568	<i>perpusillus</i> Wood, <i>Scolytodes</i>	397
<i>peregrinus</i> Wood & Yin, <i>Pseudopityophthorus</i>	974	<i>perquadririspinosus</i> Schedl, (<i>Xyleborus</i>), <i>Premnobius</i> (= <i>quadririspinosus</i>)	654
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<i>perexiguus</i> (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	809		
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<i>pubescens</i> Hagedorn, <i>Scolytoplatypus</i>	406	<i>pumilionides</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	865
<i>pubescens</i> Hopkins, <i>Cryphalus</i>	890	<i>pumilus</i> (Chapuis), (<i>Rhopalopleurus</i>), <i>Chramesus</i>	268
<i>pubescens</i> Hopkins, <i>Hypothenemus</i>	939	<i>pumilus</i> (Mannerheim), (<i>Hylastes</i>), <i>Dolurgus</i>	615
<i>pubescens</i> Schedl, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>schedli</i>)	940	<i>pumilus</i> (Wood), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	865
<i>pubescens</i> Schedl, <i>Coccotrypes</i>	609	<i>pumilus</i> (Wood), (<i>Cryptuloceptus</i>), <i>Pseudothysanoes</i>	416
<i>pubescens</i> Schedl, <i>Traglostus</i>	410	<i>pumilus</i> Eggers, (<i>Loganius</i>), <i>Cnemionyx</i> (= <i>exiguus</i>)	315
<i>pubescens</i> Stark, <i>Scolytus</i>	357		
<i>pubescens</i> Swaine, <i>Dryocoetes</i> (= <i>affuber</i>)	571		
<i>pubescens</i> Swaine, <i>Sciurus</i>	29		

- pumilus* Eggers, *Cnesinus* 211
pumilus Eggers, *Xyleborus* 767
pumilus Wood, *Corthylus* 1077
pumilus Wood, *Dendrocranus* 553
pumilus Wood, *Microcorthylus* 1067
pumilus Wood, *Phloeosinusoides* 239
pumilus Wood, *Scolytodes* 395
punctatissimus (Eichhoff), (*Xyleborus*),
Leptoxyleborus 660
punctatissimus (Schedl), (*Neodryocoetes*),
Araptus 961
punctatissimus (Zimmermann), (*Crypturgus*),
Corthylus 1077
punctatissimus Eggers, *Thamurgus* 545
punctatopilosum (Schedl), (*Xyleborus*),
Cyclorhipidion 702
punctatorugosus (Schedl), (*Micraxis*), *Hylaeus* 427
punctatorugosus Chapuis, *Phloeoborus* 99
punctatostriatus Schedl, *Cryphalus* 890
punctatulus Nobuchi, *Scolytogenes* 865
punctatum (Eggers), (*Xyleborus*),
(*Cyclorhipidion*) 702
punctatus (Eggers), (*Thamurgidae*), *Coccotrypes* 609
punctatus (Eggers), (*Kissophagus*), *Hylesinopsis* 95
punctatus (Eggers), (*Hylaeosoma*), *Scolytodes* 395
punctatus (Schedl), (*Cryphalomorphus*),
Scolytogenes 865
punctatus (Schedl), (*Phloeotrypes*), *Phloeoborus* 100
punctatus Blandford, *Cnesinus* 211
punctatus Browne, *Cryphalus* 890
punctatus Browne, *Xylocleptes* (= *brownei*) 549
punctatus Eggers, (*Poclipis*), *Coccotrypes*
(= *salakensis*) 611
punctatus Eggers, (*Stephanoderes*), *Hypothenemus*
(= *hampei*) 930
punctatus Eggers, *Corthylus* 1078
punctatus Eggers, *Pagiocerus* 214
punctatus Eggers, *Pityophthorus* 1025
punctatus Hopkins, (*Xylocleptes*), *Dendrocranus*
(= *cucurbitae*) 551
punctatus LeConte, *Dendroctonus* 173
punctatus LeConte, *Phloeosinus* 251
punctatus Muller, *Scolytus* (= *scolytus*) 374
punctatus Nobuchi, (*Cryphalomorphus*),
Scolytogenes (= *punctatulus*) 865
punctatus Ratzeburg, (*Eccoptogaster*), *Scolytus*
(= *rugulosus*) 369
punctatus Wood, *Chramesus* 265
punctatus Wood, *Phloeocleptus* 422
puncticollis (Schedl), (*Lepicerinus*), *Scolytogenes* 865
puncticollis Blandford, *Dendrosinus* 237
puncticollis Blandford, *Scolytopsis* 321
puncticollis Chapuis, *Phloeotribus* (= *setulosus*) 232
puncticollis Eggers, *Diamerus* 197
puncticollis Hopkins, (*Stephanoderes*),
Hypothenemus (= *erectus*) 918
puncticollis LeConte, *Pityophthorus* (= *nitidulus*) 1015
punctifer Wood, *Scolytodes* (= *cecropiaevorus*) 390
punctifer Wood, *Scolytodes* (= *punctiferus*) 395
punctiferus Wood, *Scolytodes* 395
punctifrons (Blandford), (*Pterocyclon*),
Monarthrum 1061
punctifrons Bright, *Pityophthorus* 1025
punctifrons Hopkins, *Hypothenemus* (= *eruditus*) 923
punctifrons Schedl, *Cryptocarcinus* 903
punctifrons Thomson, *Polygraphus* (= *poligraphus*) 295
punctiger (Schedl), (*Neodryocoetes*),
Pityophthorus 1025
punctilicolle (Schedl), (*Xyleborus*),
Cyclorhipidion 702
punctipennis (Schedl), (*Xyleborus*), *Coptodryus* 526
punctipennis Eggers, (*Thamurgidae*), *Coccotrypes*
(= *rhizophorae*) 610
punctipennis Eggers, *Xyloctonus* 540
punctipennis Hopkins, *Hypothenemus* (= *eruditus*) 923
punctipennis Hopkins, *Trypophloeus* (= *striatulus*) 547
punctipennis LeConte, (*Xyleborus*), *Orthotomicus*
(= *caelatus*) 469
punctipennis Schedl, *Cryphalus* 890
punctipennis Schedl, *Microrhiphalus* 411
punctulatus Eggers, *Coccotrypes* (= *carpophagnus*) 596
punctulatus Eggers, *Cryphalus* (= *kurenzovi*) 552
punctulatus Kurenzov, *Xyleborus* 767
punctulatus Schedl, (*Xyleborus*), *Cnestus* (= *nudus*) 803
pupillatus Eggers, *Hylastes* (= *brumeus*) 50
pupillatus Eggers, *Phloeoborus* (= *bodei*) 95
pusillimus Schedl, *Cryphalus* 890
pusillimus Wood, *Scolytodes* 395
pusillus (Eggers), (*Hylaeosoma*), *Scolytodes* 395
pusillus (Eggers), (*Neoxyloctonus*), *Scolytominus* 539
pusillus (Eggers), (*Webbia*), *Arxyleborus* 665
pusillus (Gerstaecker), (*Hylesinus*), *Rhopalopselion* 97
pusillus (Gyllenhal), (*Bostrichus*), *Crypturgus* 625
pusillus (Schedl), (*Xyleborus*), *Xylosandrus* 800
pusillus Blackman, *Hylastes* (= *tenuis*) 63
pusillus Eggers, *Corthylus* 1075
pusillus Eggers, *Dryocoetes* 554
pusillus Eggers, *Hypothenemus* (= *eruditus*) 923
pusillus Eggers, *Scolytoplattypus* 406
pusillus Eggers, *Strombophorus* 204
pusillus Harris, (*Tomicus*), *Pseudopityophthorus*
(= *minutissimus*) 974
pusillus Schedl, *Cnesinus* 211
pusillus Schedl, *Cryphalus* 890
pusillus Wollaston, (*Aphanarthrum*), *Cisurgus*
(= *icollastoni*) 630
pusillus Wood, *Microcorthylus* 1067
pusillus Wood, *Pityophthorus* (= *attenuatus*) 952
pusio Eggers, *Xyleborus* 767
pusio LeConte, *Pityophthorus* (= *pulchellus*) 1024
pusulatus Schedl, *Gnathotrypes* 1042
putonii Eichhoff, (*Hylesinus*), *Pteleobius* (= *kraatzii*) 70
putputensis Browne, *Xyleborus* 767
Pycnarthrum Eichhoff 354
pygeumi Schedl, *Sphaerotrypes* 200

<i>pygmaeolus</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	865	<i>quadrioculata</i> (Eggers), (<i>Necolytesinus</i>), <i>Phrixosoma</i>	190
<i>pygmaeolus</i> Schedl, <i>Pityophthorus</i>	1025	<i>quadrioculatus</i> (Hagedorn), (<i>Spongotarsus</i>), <i>Polygraphus</i>	296
<i>Pygmaeoscolytus</i> Butovitsch (= <i>Scolytus</i>)	322	<i>quadrioculatus</i> Browne, <i>Scolytominus</i> (= <i>assamensis</i>)	839
<i>pygmaeum</i> Eggers, <i>Ctonoxylon</i>	835	<i>quadriporus</i> Beaver, <i>Cryptoxyleborus</i>	529
<i>pygmaeum</i> Wollaston, <i>Aphanarthrum</i>	619	<i>quadrisignatus</i> Schedl, <i>Xyleborus</i>	765
<i>pygmaeum laticollis</i> Wollaston, <i>Aphanarthrum</i> (= <i>pygmaeum</i>)	619	<i>quadrispinatus</i> Schedl, <i>Pityophthorus</i>	1025
<i>pygmaeus</i> (Eggers), (<i>Peliceris</i>), <i>Dendrographus</i>	561	<i>quadrispinis</i> (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	810
<i>pygmaeus</i> (Eggers), (<i>Xyleborus</i>), <i>Xylosaunders</i>	800	<i>quadrispinuosulus</i> Eggers, <i>Xyleborus</i>	765
<i>pygmaeus</i> (Fabricius), (<i>Bostrichus</i>), <i>Scolytus</i>	355	<i>quadrispinosus</i> (Eggers), (<i>Xylocleptes</i>), <i>Acanthotomicus</i>	453
<i>pygmaeus</i> Eggers, <i>Polygraphus</i> (= <i>coronatus</i>)	256	<i>quadrispinosus</i> (Eichhoff), (<i>Xyleborus</i>), <i>Xyleborinus</i>	510
<i>pygmaeus</i> Eichhoff, <i>Coccotrypes</i> (= <i>carpophagus</i>)	595	<i>quadrispinosus</i> Blackman, <i>Hylocurus</i>	427
<i>pygmaeus</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>eruditus</i>)	923	<i>quadrispinosus</i> Eggers, <i>Sampsonius</i>	656
<i>pygmaeus</i> Schedl, <i>Cryptocareus</i>	903	<i>quadrispinosus</i> Say, <i>Scolytus</i>	359
<i>pygmaeus</i> Schedl, <i>Lamurgus</i>	409	<i>quadrispinosus</i> Schedl, <i>Prennobius</i>	654
<i>pygmaeus</i> Schedl, <i>Micracis</i> (= <i>surainei</i>)	434	<i>quadrisulcatus</i> Strohmeier, <i>Dryocoetes</i>	554
<i>pygmaeus</i> Schedl, <i>Pityophthorus</i> (= <i>opaculus</i>)	1015	<i>quadrituberculatus</i> (Schedl), (<i>Isophthorus</i>), <i>Acanthotomicus</i>	453
<i>pygmaeus</i> Wood, <i>Corthylus</i>	1075	<i>quadrituberculatus</i> (Schedl), (<i>Actahylesinus</i>), <i>Hylesinopsis</i>	95
<i>pygmaeus</i> Wood, <i>Stegomerus</i>	852	<i>quadrituberculatus</i> Sampson, <i>Sphaerotrypes</i>	200
<i>pyri</i> Peck, (<i>Scolytus</i>), <i>Xyleborus</i> (= <i>dispar</i>)	729	<i>quadrituberculatus</i> Schedl, (<i>Gnathotrichus</i>), <i>Gnathotrypes</i> (= <i>longipennis</i>)	1041
<i>pyri</i> Ratzeburg, (<i>Eccoptogaster</i>), <i>Scolytus</i> (= <i>muli</i>)	343	<i>quadrituberculatus</i> Schedl, <i>Margadillius</i>	899
<i>pyri</i> Tsai & Yin, <i>Sphaerotrypes</i>	200	<i>quaesitus</i> Schedl, <i>Cuesinus</i>	211
<i>quadraticolle</i> Eichhoff, <i>Pycnarthrum</i> (= <i>hispidum</i>)	355	<i>quasimodo</i> Browne, <i>Xyleborus</i>	768
<i>quadraticollis</i> (Eggers), (<i>Xyleborus</i>), <i>Eucallacca</i>	693	<i>quattuordecimcostatus</i> Schedl, <i>Webbia</i> (= <i>quattuordecimspinatus</i>)	832
<i>quadraticollis</i> Chapuis, <i>Dactylipalpus</i> (= <i>transversus</i>)	102	<i>quattuordecimspinatus</i> Sampson, <i>Webbia</i>	832
<i>quadratus</i> Blandford, <i>Xyleborus</i>	767	<i>quattuordecimspinatus</i> Schedl, <i>Webbia</i> (= <i>quattuordecimspinatus</i> Sampson)	832
<i>quadricinctus</i> Schedl, <i>Webbia</i>	832	<i>queenslandi</i> (Schedl), (<i>Erioschidias</i>), <i>Cosmoderes</i>	902
<i>quadricinctus</i> Schedl, <i>Xyloctonus</i>	841	<i>queenslandi</i> (Schedl), (<i>Poecilips</i>), <i>Coccotrypes</i>	609
<i>quadricostata</i> (Schedl), (<i>Xyleborus</i>), <i>Coptodryas</i>	826	<i>queenslandi</i> Schedl, <i>Peridryocoetes</i>	562
<i>quadricuspe</i> (Schedl), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	702	<i>querci</i> Stebbing, <i>Sphaerotrypes</i>	201
<i>quadridens</i> (Browne), (<i>Hypothenemus</i>), <i>Scolytogenes</i>	865	<i>querci</i> Wood, <i>Polygraphus</i> (= <i>kaimochii</i>)	259
<i>quadridens</i> (Eichhoff), (<i>Pterocydon</i>), <i>Monarthrum</i>	1061	<i>querci</i> Yin & Huang, <i>Scolytus</i>	361
<i>quadridens</i> (Hartig), (<i>Bostrichus</i>), <i>Pityogenes</i>	455	<i>quercicola</i> Eggers, <i>Xyleborus</i>	768
<i>quadridens</i> (Schedl), (<i>Cryphalops</i>), <i>Erioporus</i>	855	<i>quercicolens</i> Wood, <i>Monarthrum</i>	1061
<i>quadridens</i> (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	483	<i>quercicolens</i> Wood, <i>Pseudothysanoes</i>	416
<i>quadrideus</i> Blackman, <i>Camptocerus</i>	320	<i>quercinus</i> (Wood), (<i>Cryptidoleptus</i>), <i>Pseudothysanoes</i>	416
<i>quadrideus</i> Eggers, <i>Prennobius</i>	654	<i>quercinus</i> Wood, <i>Phlocotribus</i>	228
<i>quadrideus</i> Eggers, <i>Xyleborus</i> (= <i>bidentatus</i>)	715	<i>quercinus</i> Wood, <i>Pityophthorus</i>	1025
<i>quadrideus</i> Pjatnitskii, <i>Orthotomicus</i> (= <i>golorjaukoi</i>)	469	<i>querciperda</i> Schwarz, (<i>Pityophthorus</i>), <i>Pseudopityophthorus</i> (= <i>pruinuosus</i>)	975
<i>quadridens</i> Schedl, <i>Xyloctonus</i>	840	<i>quercirorum</i> Schedl, <i>Monarthrum</i>	1061
<i>quadridens</i> Wood, <i>Chramesus</i>	265	<i>quercum</i> (Wood), (<i>Amphicranus</i>), <i>Monarthrum</i>	1061
<i>quadridens</i> Wood, <i>Scolytominus</i>	840	<i>quercus</i> Eichhoff, (<i>Xylocerus</i>), <i>Trypodendron</i> (= <i>signatum</i>)	647
<i>quadridentatum</i> (Eggers), (<i>Anchonoceus</i>), <i>Monarthrum</i>	1061	<i>quercus</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>rotundicollis</i>)	940
<i>quadridentatus</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>interstitialis</i>)	932	<i>quercus</i> Hopkins, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= <i>saxeseui</i>)	815
<i>quadridentatus</i> Schedl, (<i>Xyleborus</i>), <i>Prennobius</i> (= <i>quadrideus</i>)	654		
<i>quadridentatus</i> Sturm, (<i>Bostrichus</i>), <i>Ips</i> (= <i>acuminatus</i>)	455		
<i>quadrimaculatus</i> Schedl, <i>Amphicranus</i>	1045		

- quercus* Kurenzov, *Xyleborus* (=sturki) 776
quercuum Wood, *Monarthrum* 1061
quercus Wood, *Pseudothlypanoes* 416
quinquelineatum Adams, (*Bostrichus*), *Trypodendron*
 (=signatum) 647
radiatae Hopkins, *Conophthorus* 966
radiatae Hopkins, (*Tomicus*), *Ips* (=mexicanus) 513
radiatae Swaine, *Carphoborus* 309
radiatus Wood, *Scolytodes* 395
radulosus Blandford, *Phloeoborus* (=cristatus) 95
ragusae Reitter, *Cisurgus* 630
raja Blandford, *Scolytplatypus* 406
rallus (Wood), (*Gnathophthorus*), *Dacnophthorus* 969
ramens Schedl, (*Xyleborus*), *Eucallacea* (=bicolor) 657
rameus Wood, *Amphicranus* 1045
ramicola Reitter, *Dryocoetes* 595
ramiperda Swaine, *Pityophthorus* 1025
ramosus Beeson, *Ptilopodius* 900
ramosus Bright, *Pityoborus* (=secundus) 969
ramulorum Perris, *Pityophthorus* (=pubescens) 1022
ramulorum Schedl, (*Xyleborus*), *Xylosandrus*
 (=cylindrotomicus) 793
ranasinghei Wood, *Sphaerotrypes* 201
rapandus Schedl, *Xyleborus* 765
rapanus Beeson, *Xyleborus* (=adamsoni) 705
rasilis Schedl, *Amphicranus* 1045
ratanae Blackman, *Thysanoes* (=texanus) 421
ratzeburgi Ferrari, (*Cryphalus*), *Ernoporus*
 (=tiliae) 557
ratzeburgi Janson, *Scolytus* 361
ratzeburgi Kolenati, (*Bostrichus*), *Xyleborus*
 (=dispar) 729
raucus (Schedl), (*Xyleborus*), *Ambrosiodmus* 679
reburrus Bright, *Corthylus* (=uniseptis) 1081
recavus Wood, *Cnemonyx* 317
recavus Wood, *Pseudothlypanoes* 416
recens Bright, *Pityophthorus* 1026
recidens (Sampson), (*Xyleborus*), *Coptodryas* 827
reconditus (Schedl), (*Xyleborus*), *Xyleborinus* 810
rectangulus Ferrari, (*Tomicus*), *Ips* (=erosus) 505
recticollis (Schedl), (*Poccilips*), *Coccotrypes* 609
rectus LeConte, (*Tomicus*), *Ips* (=pinii) 521
rectus Schedl, *Hyloterus* (=brasiliensis) 423
rectus Wood, *Campylocerus* 320
rectus Wood, *Scolytominus* 840
recurvus Browne, (*Streptocranus*), *Coptoborus*
 (=bicuspis) 662
redikorzei Berger, *Cryphalus* 590
reditus Wood, *Dendrocranulus* 553
redtenbacheri Ferrari, *Corthylus* 1075
refertus Wood, *Araptus* 961
reflexus Blackman, *Scolytus* 364
reflexus Browne, *Hypocryphalus* 571
regalis (Wood), (*Olonthogaster*), *Hyleidius* 261
 ° *regimontanus* (Hagedorn), (*Phloeosinus*),
Phloeosinus 252
regius (Schedl), (*Lepersinus*), *Hylesinus* 83
regius Hagedorn, *Ozopemon* 590
regularis (Schedl), (*Poccilips*), *Coccotrypes* 609
regularis Blackman, *Pityophthorus* 1026
 ° *rehi* (Hagedorn), (*Phloeosinus*), *Phloeosinus* 252
remoseri Schedl, *Pycnarthrum* (=hispidum) 355
reitteri Eichhoff, *Gymnochilus* 357
remorsus Wood, *Phloeotribus* 225
Renocis Casey (=Chaetophloeus) 271
repositus Schedl, *Xyleborus* 765
resecanus (Eggers), (*Xyleborus*), *Amasa* 654
resectus (Eggers), (*Xyleborus*), *Amasa* 654
resiniferae Peyerimhoff, *Cisurgus* 630
resiniferi Schedl, *Cryphalus* 590
resinosae Hopkins, *Conophthorus* 967
 ° *resinosus* Schedl, *Xyleborus* 765
resolutus Wood, *Dendroterus* 951
restrictus (Schedl), (*Xyleborus*), *Ambrosiodmus* 679
retanae Perris, (*Hylesinus*), *Phloeotribus*
 (=rhododactylus) 229
reticulatum Schedl, *Pycnarthrum* 355
reticulatum Wood, *Aphanarthrum* 619
reticulatus (Wood), (*Hexacolus*), *Scolytodes* 395
reticulatus Bright, *Sampsonius* 656
reticulatus Chapuis, *Cnesinus* 211
reticulatus Wood, *Hylurgops* 40
reticulus Wood, *Cnesinus* 211
retifer Wood, *Cnesinus* 211
retifer Wood, *Hylastes* 61
retifer Wood, *Scolytodes* 395
retiventriculus Tsai & Yin, *Polygraphus* (=rudis) 297
returus Schedl, (*Xyleborus*), *Xyleborinus*
 (=suxeseui) 515
retusicollis Zimmermann, *Xyleborus*
 (=ferrugineus) 735
retusifer Wood, *Corthylus* 1075
retusiformis Schedl, (*Xyleborus*), *Xylosandrus*
 (=ater) 757
retusipennis Blandford, *Glochimocerus* 1064
retusipennis Blandford, *Hyloterus* 427
retusum (LeConte), (*Xyloterus*), *Trypodendron* 644
retusus (Eichhoff), (*Xyleborus*), *Xylosandrus* 500
retusus (LeConte), (*Cryphalus*), *Gnathotrichus* 1037
retusus Eichhoff, *Amphicranus* 1045
retusus Olivier, (*Scolytus*), *Xyloctepes* (=bispinus) 545
retusus Wood, *Corthylus* 1075
reunionis Schedl, *Xyleborus* 765
revocabile (Schedl), (*Xyleborus*), *Cyclorhipidion* 702
rhizophugus Thomas & Bright, *Dendroctonus* 173
rhizophorae (Hopkins), (*Spermatoplex*),
Coccotrypes 609
rhizophorae Eggers, (*Dendroterus*), *Coccotrypes*
 (=rhizophorae) 609
rhodesianus (Eggers), (*Pseudophloeotribus*),
Hylesinopsis 95
rhodesianus (Eggers), (*Xyleborus*),
Ambrosiodmus 679
rhododactylus (Marshall), (*Ips*), *Phloeotribus* 225

<i>rhododactylus</i> Ratzeburg, (<i>Hylesinus</i>), <i>Phlocotribus</i> (= <i>spiuulosus</i>)	234	<i>robustus</i> Schedl. <i>Cortlygus</i>	1079
<i>rhois</i> Blackman, <i>Cactopinus</i>	436	<i>robustus</i> Schedl. <i>Dendrochilus</i>	438
<i>rhois</i> Blackman, <i>Stenochlyptus</i> (= <i>sulcatus</i>)	419	<i>robustus</i> Schedl. <i>Hylocurus</i>	426
<i>rhois</i> Swaine, <i>Pityoplthorus</i> (= <i>lautus</i>)	1006	<i>robustus</i> Schedl. <i>Micracis</i> (= <i>sicaiuei</i>)	434
<i>rhois acerini</i> Blackman, <i>Pityoplthorus</i> (= <i>latus</i>)	1006	<i>robustus</i> Schedl. (<i>Xyleborus</i>), <i>Ambrosiodinus</i> (= <i>funereus</i>)	674
<i>rhois hamamelidis</i> Blackman, <i>Pityoplthorus</i> (= <i>lautus</i>)	1006	<i>rodgeri</i> Beeson, (<i>Xyleborus</i>), <i>Eucallacea</i> (= <i>bicolor</i>)	687
<i>rhois sicaiuei</i> Blackman, <i>Pityoplthorus</i> (= <i>lautus</i>)	1006	<i>rodgeri priratus</i> Beeson, (<i>Xyleborus</i>), <i>Eucallacea</i> (= <i>bicolor</i>)	687
<i>Rhopalocryphus</i> Nunberg (= <i>Glostatus</i>)	835	<i>roeri</i> Schedl. <i>Xylechinus</i>	118
<i>Rhopalopleurus</i> Chapuis (= <i>Chramesus</i>)	262	<i>rollinae</i> Hopkins, <i>Coccotrypes</i> (= <i>carpophagus</i>)	596
Rhopalopselion Hagedorn	96	<i>roppae</i> Schedl. <i>Pityoplthorus</i>	1026
<i>rhusi</i> Nüßima, <i>Cryphalus</i>	890	<i>rosseli</i> (Schedl), (<i>Taplroterus</i>), <i>Miniocurus</i>	950
<i>rhusi</i> Schedl. <i>Lanurgus</i>	409	<i>rosseli</i> (Schedl), (<i>Xyleborus</i>), <i>Coptodryas</i>	827
<i>ribbentropi</i> Stebbing, (<i>Tomicus</i>), <i>Ips</i> (= <i>stebbingi</i>)	526	<i>rossicus</i> Eggers, <i>Pityoplthorus</i>	1026
<i>ricini</i> (Eggers), (<i>Xyleborus</i>), <i>Theoborus</i>	661	<i>rossicus</i> Semenov, <i>Carpophobus</i>	309
<i>riehli</i> Eichhoff, <i>Xyleborus</i> (= <i>bidentatus</i>)	715	<i>rostratus</i> Schedl. <i>Cnestus</i>	803
<i>rigidus</i> (LeConte), (<i>Cryphalus</i>), <i>Pseudothysanoes</i>	416	<i>rothkirchi</i> Eggers, <i>Xyleborus</i>	768
<i>rileyi</i> Hopkins, <i>Xyleborus</i> (= <i>rolulus</i>)	753	<i>rotroii</i> Peyerimhoff, <i>Hypothenemus</i> (= <i>eruditus</i>)	923
<i>rimosus</i> Eichhoff, <i>Pagiocerus</i> (= <i>frontalis</i>)	213	<i>rotundatus</i> (Chapuis), (<i>Rhopalopleurus</i>), <i>Chramesus</i>	268
<i>rimskii</i> Kurenzov, <i>Scolytus</i> (= <i>jacobsoni</i>)	334	<i>rotundatus</i> Schedl. <i>Cnestus</i>	803
<i>rimulosus</i> Schedl. <i>Xyleborus</i>	768	<i>rotundicollis</i> (Eggers), (<i>Pocillips</i>), <i>Coccotrypes</i>	610
<i>ritelaii</i> Sampson, (<i>Hypothenemus</i>), <i>Scolytogenes</i> (= <i>knabi</i>)	863	<i>rotundicollis</i> (Eichhoff), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	939
<i>ritsenae</i> (Eichhoff), (<i>Acanthurus</i>), <i>Diamerus</i>	197	<i>rotundicollis</i> Browne, <i>Xyleborus</i>	768
<i>rivalis</i> Wood, <i>Hylocurus</i>	427	<i>rotundicollis</i> Eggers, <i>Dryocoetes</i>	585
<i>robui</i> (Blackman), (<i>Pityoplthoroidea</i>), <i>Pityoplthorus</i>	1026	<i>rotundicollis</i> Reitter, <i>Hylastes</i> (= <i>cuticularius</i>)	53
<i>robui</i> Blackman, <i>Cnesinus</i>	211	<i>rotundus</i> Hopkins, <i>Hypocryphalus</i>	871
<i>robertsi</i> (Browne), (<i>Minips</i>), <i>Acanthotomicus</i>	483	<i>roubali</i> Pfeffer, <i>Taplorryctus</i> (= <i>rillifrons</i>)	560
<i>robertsi</i> Browne, <i>Xyleborus</i> (= <i>barumbuensis</i>)	714	<i>royaleannum</i> Wood, <i>Aphanarthrum</i>	619
<i>robinae</i> Hopkins, (<i>Hypothenemus</i>), <i>Trischidias</i> (= <i>atomus</i>)	947	<i>ruandae</i> (Schedl), (<i>Erioschidias</i>), <i>Cosmoderes</i>	902
<i>robustipennis</i> Schedl. <i>Xyleborus</i>	768	<i>ruandae</i> Schedl. <i>Polygraphus</i>	296
<i>robustus</i> (Schedl), (<i>Xyleborus</i>), <i>Premnobius</i>	654	<i>ruandae</i> Schedl. <i>Xyleborus</i>	768
<i>robustus</i> Wood, <i>Coccotrypes</i>	610	<i>rubentis</i> Hopkins, <i>Cryphalus</i>	891
<i>robustus</i> (Schedl), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1062	<i>rubentis</i> Wood, <i>Pityoborus</i>	968
<i>robustus</i> (Eggers), (<i>Hylesinus</i>), <i>Ficicis</i>	92	<i>ruber</i> (Eichhoff), (<i>Xyleborus</i>), <i>Tauvodenus</i>	785
<i>robustus</i> (Knotek), (<i>Tomicus</i>), <i>Ips</i>	522	<i>ruber</i> Swaine, <i>Hylastes</i>	61
<i>robustus</i> (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	865	<i>ruber</i> Wood, <i>Hylocurus</i>	427
<i>robustus</i> (Schedl), (<i>Minidendridius</i>), <i>Xyloleptes</i>	549	<i>rubescens</i> Krauss, <i>Tomicus</i> (= <i>piniperda</i>)	128
<i>robustus</i> (Schedl), (<i>Phacrylus</i>), <i>Acothygus</i>	853	<i>rubicundulus</i> Swaine, <i>Phlocosinus</i> (= <i>punctatus</i>)	251
* <i>robustus</i> (Schedl), (<i>Phlocosinutes</i>), <i>Phlocosinus</i>	252	<i>rubidus</i> Beeson, (<i>Thammurgides</i>), <i>Coccotrypes</i> (= <i>papuanus</i>)	608
<i>robustus</i> (Schedl), (<i>Thamnioplthorus</i>), <i>Araptus</i>	961	<i>rubidus</i> Wood, <i>Pityoplthorus</i>	1026
<i>robustus</i> Blackman, <i>Hypothenemus</i> (= <i>seriatus</i>)	943	<i>rubricollis</i> (Eichhoff), (<i>Xyleborus</i>), <i>Ambrosiodinus</i>	679
<i>robustus</i> Blackman, <i>Scolytus</i>	364	<i>rubricollis</i> Blandford, <i>Cortlygus</i>	1079
<i>robustus</i> Eggers, <i>Thammurgus</i>	545	<i>rubripennis</i> Reitter, <i>Tomicus</i> (= <i>piniperda</i>)	128
<i>robustus</i> Eichhoff, <i>Coccotrypes</i>	610	<i>rubripes</i> (Eggers), (<i>Pityoplthorus</i>), <i>Dendrocrandus</i>	553
<i>robustus</i> Eichhoff, <i>Cryphalus</i>	891	<i>rubripes</i> Eggers, <i>Polygraphus</i> (= <i>jezoensis</i>)	288
<i>robustus</i> Pfeffer, (<i>Pityoplthorus</i>) (= <i>lichtensteini</i>)	1007	<i>rude</i> Blandford, <i>Plurixosoma</i>	190
<i>robustus</i> Schedl, <i>Cladoctonus</i> (= sp.?)	238	<i>rudis</i> (LeConte), (<i>Micracis</i>), <i>Hylocurus</i>	427
<i>robustus</i> Schedl, <i>Coccotrypes</i> (= <i>robustus</i>)	610	<i>rudis</i> Blackman, <i>Pityoplthorus</i>	1026
<i>robustus</i> Schedl, (<i>Pelicerus</i>), <i>Cyrtogenius</i> (= <i>minor</i>)	566	<i>rudis</i> Blandford, <i>Phlocosinus</i>	252
<i>robustus</i> Schedl, (<i>Trogloditica</i>), <i>Hylesinus</i> (= <i>nilgrinus</i>)	82		
<i>robustus</i> Schedl. <i>Chramesus</i>	268		

<i>rudis</i> Eggers, (<i>Xyleborus</i>), <i>Eucallacca</i> (= <i>xanthopus</i>)	696	<i>rugicollis</i> (Blandford), (<i>Xyleborus</i>), <i>Ambrosiodinus</i>	680
rudis Eggers, <i>Polygraphus</i>	297	rugicollis (Eggers), (<i>Orosiotes</i>), <i>Cyrtogenius</i>	568
<i>rudis</i> Eichhoff, <i>Phloeotribus</i> (= <i>setulosus</i>)	232	rugicollis (Eggers), (<i>Thamniurgides</i>), <i>Coccotrypes</i>	611
rudis Erichson, <i>Phloeoborus</i>	100	rugicollis (Schedl), (<i>Hexacolus</i>), <i>Scolytodes</i>	395
rudis Wood, <i>Dendroceranus</i>	553	rugicollis (Schedl), (<i>Minioplthorus</i>), <i>Mimioecurus</i>	950
<i>rudis likiangensis</i> Tsai & Yin, <i>Polygraphus</i> (= rudis)	297	<i>rugicollis</i> Browne, (<i>Mimidendrulus</i>), <i>Cyrtogenius</i> (= <i>ruginosus</i>)	565
<i>rudis reticentriculus</i> Tsai & Yin, <i>Polygraphus</i> (= rudis)	297	rugicollis Eggers, <i>Dryocoetes</i>	555
rudneri Sokanovskii, <i>Pityogenes</i>	457	<i>rugicollis</i> Schedl, <i>Hyleidus</i> (=sp.?)	259
<i>rufescens</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>obscurus</i>)	937	<i>rugicollis</i> Swaine, <i>Pityoplthorus</i> (= <i>tuberculatus</i>)	1032
<i>rufescens</i> Stephens, (<i>Hylurgus</i>), <i>Hylurgops</i> (= <i>palliatius</i>)	35	rugifer (Schedl), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	940
<i>ruficauda</i> Eggers, <i>Scolytopylytus</i> (= <i>parvus</i>)	405	<i>rugifer</i> Schedl, (<i>Pachynoderes</i>), <i>Hypothenemus</i> (= <i>ruginosus</i>)	940
ruficeps Perkins, <i>Hypothenemus</i>	940	ruginosus Wood, <i>Cyrtogenius</i>	565
ruficollis (Fabricius), (<i>Bostrichus</i>), <i>Tricolus</i>	1045	ruginosus Wood, <i>Hypothenemus</i>	940
ruficollis Hopkins, <i>Cryphalus</i>	591	rugipennis (Mannerheim), (<i>Hylastes</i>), <i>Hylurgops</i>	40
ruficollis Wood, <i>Stenochlytus</i>	419	rugipennis (Schedl), (<i>Carpophilocus</i>), <i>Cyrtogenius</i>	565
<i>ruficollis coloradensis</i> Wood, <i>Cryphalus</i> (= <i>ruficollis</i>)	592	<i>rugipennis</i> Eggers, <i>Phloeoborus</i> (= rudis)	100
rufipennis (Kirby), (<i>Apate</i>), <i>Polygraphus</i>	297	<i>rugipennis</i> Schedl, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= <i>artestriatus</i>)	505
<i>rufipennis</i> Brancsik, <i>Scolytus</i> (= <i>amygdali</i>)	323	<i>rugipennis pinifex</i> (Fitch), (<i>Hylastes</i>), <i>Hylurgops</i> (= <i>rugipennis</i>)	40
rufipennis Kirby, <i>Dendroctonus</i>	173	<i>rugipennis rugipennis</i> (Mannerheim), <i>Hylurgops</i> (= <i>rugipennis</i>)	40
rufipes (Eichhoff), (<i>Hylastes</i>), <i>Hylurgopinus</i>	106	rugosipennis Schedl, <i>Xyleborus</i>	769
rufipes Eggers, <i>Xyleborus</i>	765	<i>rugosipennis incertus</i> Schedl, <i>Xyleborus</i>	769
<i>rufipes</i> Eichhoff, (<i>Auchonocerus</i>), <i>Monarthrum</i> (= <i>ingens</i>)	1057	rugosipes Hopkins, <i>Arixyleborus</i>	665
rufitarsis (Kirby), (<i>Apate</i>), <i>Trypodeudron</i>	645	rugosipes Schedl, <i>Lamargus</i>	409
<i>rufithorax</i> Eichhoff, (<i>Xyleborus</i>), <i>Dryocoetoides</i> (= <i>cupucinus</i>)	657	^o rugosissimus Cockerell, <i>Cryphalites</i>	1052
<i>rufithorax nigricollis</i> Hagedorn, (<i>Xyleborus</i>), <i>Dryocoetoides</i> (= <i>granulicauda</i>)	657	rugosus (Schedl), (<i>Erieryphalus</i>), <i>Cryphalus</i>	892
rufithorax Wood, <i>Tricolus</i>	1045	rugosus Eggers, <i>Xyleborus</i> (= <i>alluaudi</i>)	710
rufobrunneus Eggers, <i>Xyleborus</i>	769	rugosus Schedl, <i>Philopodius</i>	900
<i>rufobrunneus diliangensis</i> Eggers, <i>Xyleborus</i> (= <i>rufobrunneus</i>)	769	rugosus Swaine, <i>Phloeosinus</i> (= <i>serratus</i>)	254
rufoniger (Schedl), (<i>Xyleborus</i>), <i>Eucallacca</i>	693	<i>ruguloides</i> Sokanovskii, <i>Scolytus</i> (= <i>kirschi</i>)	336
rufonitidum (Schedl), (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	702	<i>Ruguloscolytus</i> Butovitsch (= <i>Scolytus</i>)	321
rufonitidus Schedl, <i>Sternobothrus</i>	216	rugulosus (Eggers), (<i>Loganius</i>), <i>Cnemionyx</i>	317
rufopalliatius Eichhoff, <i>Araptus</i>	961	rugulosus (Muller), (<i>Bostrichus</i>), <i>Scolytus</i>	364
rufopalliatius Hopkins, <i>Hypothenemus</i> (= <i>columbi</i>)	913	rugulosus (Schedl), (<i>Mimidendrulus</i>), <i>Nylocleptes</i>	550
rufopalliatius Schedl, <i>Sphaerotrypes</i>	201	rugulosus Eggers, <i>Dryocoetes</i> (= <i>ussuriensis</i>)	556
rufopiceus Eggers, <i>Xyleborus</i> (= <i>ferrugineus</i>)	739	rugulosus Eggers, (<i>Pocclipis</i>), <i>Coccotrypes</i> (= <i>rotundicollis</i>)	610
rufopilosus Eggers, <i>Corthylus</i>	1079	rugulosus Eggers, <i>Phloeotribus</i>	230
rufopilosus Schedl, <i>Cryphalus</i>	892	rugulosus Eggers, <i>Scolytodes</i>	399
<i>rufostriatus</i> Sokanovskii, <i>Scolytus</i> (= <i>jaroschewskii</i>)	336	rugulosus Eggers, <i>Xyleborus</i> (= <i>dispar</i>)	730
rufotestaceus Schedl, <i>Microcorthylus</i>	1067	rugulosus baluchistanii Schedl, <i>Scolytus</i> (= <i>rugulosus</i>)	370
rufulus Schedl, <i>Chiloxylon</i>	587	rugulosus intermedius Sokanovskii, <i>Scolytus</i> (= <i>rugulosus</i>)	370
rufus (Eggers), (<i>Spongotarsus</i>), <i>Polygraphus</i>	295	rugulosus samarkandicus Butovitsch, <i>Scolytus</i> (= <i>rugulosus</i>)	370
rufus (Schedl), (<i>Hapalogenius</i>), <i>Rhopalopselion</i>	97	rugulosus sanctabuciae Hoffmann, <i>Scolytus</i> (= <i>rugulosus</i>)	370
rufus Marsham, (<i>Ips</i>), <i>Hylurgops</i> (= <i>palliatius</i>)	35	rugulosus similis Butovitsch, <i>Scolytus</i> (= <i>rugulosus</i>)	370
rufus Schedl, <i>Xyleborus</i>	769	<i>runscyi</i> Hopkins, <i>Hypothenemus</i> (= <i>eruditus</i>)	922
rugatus (Blandford), (<i>Dryocoetes</i>), <i>Ozopemon</i>	590	russulus (Schedl), (<i>Xyleborus</i>), <i>Eucallacca</i>	693
rugatus Blackburn, <i>Xyleborus</i>	769	russus Swaine, <i>Phloeosinus</i> (= <i>vandykei</i>)	255
rugatus Blandford, <i>Phloeoborus</i> (= <i>asper</i>)	98		
rugatus Wood & Huang, <i>Pseudoxylechinus</i>	114		

<i>rusti</i> Blackman, <i>Phlocostmus</i> (= punctatus)	252	<i>sampsoni</i> Numberg, <i>Webbia</i> (= quattuordecimspinus)	832
<i>rusticus</i> (Wood), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	865	<i>sampsoni</i> Stebbing, <i>Pityophthorus</i> (= deodaru)	995
<i>rusticus</i> (Wood), (<i>Xyleborus</i>), <i>Ambrosiodinus</i>	650	Sampsonius Eggers	655
<i>rusticus</i> Wood, <i>Dryocoetoides</i>	655	<i>sanctaluciae</i> Hoffmann, <i>Scolytus</i> (= rugulosus)	370
<i>rutschluruensis</i> Eggers, <i>Coccotrypes</i>	611	<i>sandakanensis</i> (Schedl), (<i>Cryphalus</i>), <i>Hypoeryphalus</i>	572
<i>ruenzoriensis</i> (Schedl), (<i>Mimiophthorus</i>), <i>Mimioecurus</i>	950	<i>sandragotoensis</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodinus</i>	680
<i>rybinskii</i> Reitter, <i>Trypophloeus</i>	846	<i>sanguineus</i> Schedl, <i>Corthylus</i>	1079
<i>rybinskii salicis</i> Stark, <i>Trypophloeus</i> (= rybinskii)	847	<i>sanguinicollis</i> (Blandford), (<i>Xyleborus</i>), <i>Taurodenus</i>	756
<i>saalasi</i> Eggers, <i>Pityogenes</i>	457	sannio (Schaufuss), (<i>Pocillips</i>), <i>Coccotrypes</i>	611
<i>saalasi niger</i> Sokanovskii, <i>Pityogenes</i> (= saalasi)	457	<i>sannohensis</i> Murayama, <i>Phlocosinus</i>	253
<i>sabahensis</i> Bright, <i>Liparthrum</i>	279	<i>sansoni</i> Swaine, <i>Carphoborus</i>	309
<i>sabinianae</i> Hopping, (<i>Orthotomicus</i>), <i>Ips</i> (= spinifer)	526	<i>sapineus</i> Bright, <i>Pityophthorus</i>	1026
<i>sacchari</i> Hopkins, <i>Hypothenemus</i> (= eruditus)	922	<i>sapporoensis</i> (Niisima), (<i>Cryphalus</i>), <i>Hypothenemus</i>	940
<i>sacchari</i> Hopkins, <i>Xyleborus</i> (= affinis)	709	<i>sapporoensis</i> Eggers, <i>Polygraphus</i> (= poligraphus)	292, 295
<i>sachalinensis</i> Eggers, <i>Polygraphus</i>	295	<i>sarawakensis</i> (Eggers), (<i>Xyleborus</i>), <i>Ambrosiodinus</i>	650
<i>sachalinensis</i> Krivolovskaya, <i>Pityophthorus</i>	1026	<i>sarawakensis</i> (Schedl), (<i>Dryocoetes</i>), <i>Cyrtogenius</i>	565
<i>sachalinensis</i> Michalski, <i>Scolytus</i> (= esuriens)	330	<i>sarawakensis</i> Schedl, <i>Cryphalus</i>	893
<i>sachalinensis</i> Sokanovskii, <i>Dryocoetes</i> (= autographus)	575	<i>sarawakensis</i> Schedl, <i>Webbia</i>	532
<i>sachalinensis frontalis</i> Kurenzov, <i>Polygraphus</i> (= sachalinensis)	299	<i>sardus</i> Eggers, <i>Thanaosurgus</i>	545
<i>sachtleni</i> Schedl, <i>Xylechinossomus</i>	105	<i>sardus</i> Strohmeier, <i>Dryocoetes</i> (= villosus)	557
<i>sagrinatus</i> Mannerheim, <i>Polygraphus</i> (= rufipennis)	295	sartor Schedl, <i>Xyleborus</i>	769
sagittarius Schedl, <i>Eccoptopterus</i>	520	sassaensis (Eggers), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	940
<i>sahlbergi</i> Eggers, (<i>Eccoptogaster</i>), <i>Scolytus</i> (= ratzeburgi)	363	<i>satoi</i> Schedl, <i>Xyleborus</i>	769
<i>sakalava</i> Schedl, <i>Xyleborus</i>	769	saturatum Peyerimhoff, <i>Aphanarthrum</i>	619
<i>sakoae</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodinus</i>	650	<i>saudiarabiae</i> (Schedl), (<i>Chilodendron</i>), <i>Hylesinopsis</i>	95
<i>salakensis</i> (Schedl), (<i>Pocillips</i>), <i>Coccotrypes</i>	611	saundersi Wood, <i>Tricolus</i>	1045
<i>salebrosus</i> Eichhoff, <i>Hylastes</i>	61	<i>sauropteroides</i> Schedl, (<i>Xyleborus</i>), <i>Sauroptilus</i> (= sauropterus)	971
<i>Saliciphilus</i> Sokanovskii (= <i>Taphrorhynchus</i>)	556	<i>sauropterus</i> (Schedl), (<i>Xyleborus</i>), <i>Sauroptilus</i>	971
<i>salicis</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= seriatus)	942	Sauroptilius Browne	971
<i>salicis</i> Hopkins, <i>Procryphalus</i> (= utahensis)	848	Saurotocis Wood	419
<i>salicis</i> Hopkins, <i>Trypophloeus</i>	847	<i>savada</i> Nobuehi & Takahashi, <i>Cryphalus</i>	893
<i>salicis</i> Stark, <i>Trypophloeus</i> (= rybinskii)	847	<i>saxeseni</i> (Ratzeburg), (<i>Bostrichus</i>), <i>Xyleborinus</i>	810
sallaei Blandford, <i>Dendroterus</i>	952	sayi (Hopkins), (<i>Auisandrus</i>), <i>Xyleborus</i>	769
<i>saltoni</i> Blackman, <i>Gnathotrichus</i> (= pilosus)	1037	scaber Erichson, <i>Phlocoborus</i>	100
saltuarius Weise, <i>Cryphalus</i>	892	<i>scaber</i> Marshall, (<i>Ips</i>), <i>Hylesinus</i> (= toranio)	85
salrini (Blandford), (<i>Xyleborus</i>), <i>Taurodenus</i>	785	scaber Schedl, <i>Xyleborus</i>	770
<i>samar kandicus</i> Butovitsch, <i>Scolytus</i> (= rugulosus)	370	<i>scaber</i> Swaine, <i>Hylastes</i> (= porculus)	61
sambesianus Eggers, <i>Hypothenemus</i>	940	scabiosus Blandford, <i>Xylechinus</i>	115
sambuci Blackman, <i>Pityophthorus</i>	1026	scabratus Blandford, <i>Phloeotribus</i>	230
samoanus (Browne), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	865	scabratus Schedl, <i>Xyleborus</i>	770
samoanus (Eggers), (<i>Dryocoetes</i>), <i>Cyrtogenius</i>	565	scabricollis (Hopkins), (<i>Phloeophthorus</i>), <i>Phloeotribus</i>	230
samoanus Schedl, (<i>Hylesinus</i>), <i>Ficicis</i> (= despectus)	91	scabricollis (LeConte), (<i>Xyloterus</i>), <i>Trypodendron</i>	645
samoanus Schedl, <i>Eidopachus</i>	867	scabricollis (Schedl), (<i>Ozopenon</i>), <i>Xyleborus</i>	770
samoensis Beeson, <i>Cryphalus</i>	893	scabricollis Browne, <i>Cyrtogenius</i>	565
samoensis Beeson, (<i>Xyleborus</i>), <i>Eucallacca</i> (= picus)	693	scabricollis Eichhoff, <i>Cryphalus</i>	893
<i>sampsonii</i> Donisthorpe, <i>Xyleborus</i> (= dryographus)	732		
<i>sampsonii</i> Eggers, (<i>Xyleborus</i>), <i>Xylosandrus</i> (= mutilatus)	799		

- scabridus* Schedl. (*Xyleborus*), *Ambrosiodinus*
(=*aegir*) 670
- scabridus* Schedl.** *Pityophthorus* 1026
- scabrifrons* St. (*Hylesinus*), *Hylastes*
(=*cunicularius*) 51
- scabrior* (Schedl.)**, (*Xyleborus*), *Leptoxyleborus* 660
- scabrior* Schedl. (*Xyleborus*), *Ambrosiodinus*
(=*neglectus*) 677
- scabripennis* (Blandford)**, (*Xyleborus*),
Arixyleborus 669
- scabripennis* Schedl.** *Cryphalus* 594
- scabripennis* Zimmermann, *Hylastes* (= *salebrosus*) 62
- scalaris* (Schedl.)**, (*Xyleborus*), *Ambrosiodinus* 650
- scaliger* Hagedorn, (*Loganius*), *Cucumyx*
(=*flavicornis*) 315
- scalptor* (Schedl.)**, (*Xyleborus*), *Cyclorhipidion* 702
- scalptor* Blackman**, *Pityophthorus* 1026
- scalptor* Schedl.** *Polygraphus* 299
- scalptus* Bright**, *Pityophthorus* 1027
- scandinaviens* Lekander**, *Hylastes* 62
- scapulare* (Schedl.)**, (*Xyleborus*), *Cyclorhipidion* 702
- scarabaeoides* (Bernard)**, (*Scolytus*), *Phloeotribus* 230
- schablioviskii* Stark, *Lymantria* (= *aceris*) 554
- schaufussi* (Blandford)**, (*Xyleborus*), *Xyleborinus* 516
- schaufussi* Blandford**, *Amphicranus* 1045
- schaufussi* Schedl.** *Corthylius* 1079
- schedli* (Blackman)**, (*Neodryocoetes*), *Araptus* 961
- schedli* Bright, *Mouarthurum* (= *minutissimum*) 1059
- schedli* Browne**, *Hypothenemus* 940
- schedli* Eggers, *Xyleborus* (= *ferrugineus*) 739
- schedli* Wood, *Cucumyx* (= *errans*) 314
- schedli* Wood**, *Dendrocraniulus* 553
- Schedlia* Browne** 822
- * *schellucieni* (Hagedorn)**, (*Hylastites*), *Hylurgops* 41
- schenklingi* Hagedorn**, *Chortastus* 312
- schetyzei* Semenov**, *Scolytus* 370
- schildi* Schedl.**, *Xyleborus* 770
- schimitscheki* Eggers**, *Tapiroryctus* 560
- schizolobius* Schedl. (*Xyleborus*), *Dryocoetoides*
(=*pseudosolitarius*) 655
- schlich* (Stebbing)**, (*Xyleborus*), *Amasa* 654
- schmutzenhoferi* Holtzschuh, *Ips* (= *stebbingi*) 527
- schoenbachi* Kirsch**, *Phloeotribus* 232
- schoenherri* (Schedl.)**, (*Xyleborus*), *Xyleborinus* 516
- schoenherri* Schedl.** *Cucinus* 211
- schoutedeni* Eggers**, *Xyleborus* 770
- schreineri* Eggers, (*Xyleborus*), *Xyleborinus*
(=*sharpae*) 516
- schreineri* Eichhoff, (*Cryphalus*), *Ernioporus*
(=*caucasicus*) 549
- schrenkianae* Pjatnitskii**, *Pityophthorus* 1026
- schultzei* (Schedl.)**, (*Dryocoetes*), *Dryocoetops* 555
- schultzei* Schedl. (*Xyleborus*), *Euwallacea*
(=*fornicatus*) 690
- schumensis* Eggers, *Phloeosinus* (= *bicolor*) 243
- schwarz* (Blackman)**, (*Thamnophtorus*), *Araptus* 961
- schwarz* (Hopkins)**, (*Erineophilus*), *Scolytodes* 399
- schwarz* Blackman**, *Hylaeus* 425
- schwarz* Blackman**, *Pityophthorus* 1027
- schwarz* Hopkins, (*Cosmoderes*), *Hypothenemus*
(=*erriditus*) 922
- schwarz* Hopkins, *Xyleborus* (= *rolulus*) 753
- schwerdtfegeri* (Schedl.)**, (*Conophthorus*),
Pityophthorus 1027
- Scierus* LeConte** 29
- scitula* Wood**, *Micracisella* 431
- scitulus* Wood**, *Hylaeus* 425
- scitulus* Wood**, *Pityophthorus* 1027
- scitulus* Wood**, *Tricolus* 1045
- scitus* Blandford**, *Pityogenes* 457
- sclerocaryae* (Schedl.)**, (*Xyleborus*), *Xyleborinus* 516
- scobinatus* Hagedorn**, *Xyleborus* 770
- scobinosus* Eichhoff, *Hylastes* (= *salebrosus*) 61
- scobipennis* Chapuis, (*Hylesinus*), *Ficicis*
(=*despectus*) 90
- scolythus* Sulzer, *Scolytus* (= *scolytus*) 374
- Scolytidae Latreille 25
- Scolytidae verae (= *Scolytini*) 313
- Scolytidarii Latreille (= *Scolytidae*) 25
- Scolytides Latreille (= *Scolytini*) 313
- Scolytinae Latreille 313
- Scolytini Latreille 313
- Scolytocheilus* Reitter (= *Scolytus*) 321
- scolytocheilus* Schedl (= *Scolytominus*) 535
- Scolytodes* Ferrari** 357
- Scolytogenes* Eichhoff** 555
- scolytoides* Eichhoff**, *Xyloctonus* 541
- scolytomimoides* (Nobuchi)**, (*Cryphalomorphus*),
Scolytogenes 865
- Scolytominus* Blandford** 835
- Scolytoplatypini* Blandford (= *Scolytoplatypodini*) 401
- Scolytoplatypidae* Blandford (= *Scolytoplatypodini*) 401
- Scolytoplatypini* Blandford (= *Scolytoplatypodini*) 401
- Scolytoplatypodidae* Blandford
(= *Scolytoplatypodini*) 401
- Scolytoplatypodinae* Blandford
(= *Scolytoplatypodini*) 401
- Scolytoplatypodini* Blandford (= *Scolytoplatypodini*) 401
- Scolytoplatypus* Schaufuss** 401
- Scolytopsis* Blandford** 320
- scolytus* (Fabricius)**, (*Bostricinus*), *Scolytus* 371
- Scolytus* Geoffroy** 25, 321
- scopiger* Berger**, *Cryphalus* 594
- scopulorum* Hopkins, *Xyleborus* (= *intrusus*) 745
- scopulorum* Hopkins, *Conophthorus*
(=*ponderosae*) 965
- scopulorum* Swaine**, *Phloeosinus* 253
- scopulorum neomexicanus* Blackman, *Phloeosinus*
(=*scopulorum*) 253
- scopulorum scopulorum* Swaine, *Phloeosinus*
(=*scopulorum*) 253
- scorpium* (Schedl.)**, (*Xyleborus*), *Cyclorhipidion* 702
- scotti* Eggers**, *Cyrtogenius* 565
- scriba* Gozis, *Cryphalus* (= *saltuarius*) 593

<i>scriptor</i> Blackman <i>Pityophthorus</i>	1027	<i>semipallens</i> (Schedl), (<i>Pterocyclus</i>) <i>Monarthrum</i>	1062
<i>scrobiceps</i> (Eichhoff), (<i>Pterocyclus</i>), <i>Monarthrum</i>	1062	<i>semipilosus</i> Eggers, (<i>Xyleborus</i>), <i>Xyleborinus</i> (= <i>collarti</i>)	506
<i>scrofa</i> (Schedl), (<i>Cladoctoporus</i>), <i>Triotenus</i>	541	semipolitus Schedl, <i>Xyleborus</i>	771
<i>scrutator</i> (Pandelle), (<i>Thamurgus</i>), <i>Tianophorus</i>	540	semipunctatus Eggers, <i>Xyleborus</i>	771
<i>sculptilis</i> (Schedl), (<i>Pocellips</i>), <i>Coccotrypes</i>	611	semipunctatus Wood, <i>Scolytodes</i>	399
<i>sculptilis</i> (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	516	<i>semirostris</i> Hopping, <i>Ips</i> (= <i>trilens eugelmanni</i>)	525
<i>sculpturatus</i> (Blandford), (<i>Bothrosternus</i>), <i>Sternobothrus</i>	216	<i>semirudis</i> Blandford, (<i>Xyleborus</i>), <i>Eucallacea</i> (= <i>xanthopus</i>)	696
<i>sculpturatus</i> Eichhoff, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>rotundicollis</i>)	940	semirufus Reitter, <i>Thamurgus</i>	545
scutellare (LeConte), (<i>Corthylus</i>), <i>Monarthrum</i>	1062	<i>semirufus</i> Schedl, (<i>Xyleborus</i>), <i>Ambrosiodmus</i> (= <i>obliquecaudata</i>)	677
scutiae (Schedl), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	940	semistriatus Schedl, <i>Xyleborus</i>	771
scutulatus (Blandford), (<i>Hylesinus</i>), <i>Neopteleobius</i>	72	<i>semitruncatus</i> Schedl, (<i>Xyleborus</i>), <i>Xylosandrus</i> (= <i>cyliodrotomicus</i>)	793
sechelti Swaine, <i>Dryocoetes</i>	555	<i>senchalcensis</i> Beeson, (<i>Xyleborus</i>), <i>Eucallacea</i> (= <i>audamaueensis</i>)	686
sechii Numberg, <i>Dendrocranius</i>	553	senecionis Schedl, <i>Thamurgus</i>	545
secundus Blackman, <i>Pityoborus</i>	965	senegambiensis (Schedl), (<i>Haplogenus</i>), <i>Hylesinopsis</i>	95
securigerus (Blackman), (<i>Chalcolypus</i>), <i>Pseudothysanoes</i>	417	senex Schedl, <i>Tricolus</i>	1045
securus (Schedl), (<i>Ericryphalus</i>), <i>Cryphalus</i>	594	<i>senex</i> Wichmann, <i>Pityophthorus</i> (= <i>buyssoni</i>)	955
securus Wood, <i>Chramesus</i>	265	sensarmai Maiti & Saha, <i>Hyorrhynchus</i>	192
securus Wood, <i>Dendrocranius</i>	553	senticosus Wood, <i>Corthylus</i>	1079
securus Wood, <i>Pseudothysanoes</i>	417	sentosus (Eichhoff), (<i>Xyleborus</i>), <i>Xyleborinus</i>	516
secus Wood, <i>Chramesus</i>	265	sentosus Wood, <i>Corthylus</i>	1079
secus Wood, <i>Hyllocurus</i>	425	<i>sentus</i> Wood, (<i>Hoplitophthorus</i>), <i>Cladoctonus</i> (= <i>interruptus</i>)	239
secutus Wood, <i>Hylesinopsis</i>	95	sentus Wood, <i>Corthylus</i>	1079
sedlaceki (Schedl), (<i>Ozodendron</i>), <i>Cyrtogenius</i>	565	sentus Wood, <i>Micracis</i>	433
sedulus Blackman, <i>Pseudothysanoes</i>	417	seoulensis Choo & Woo, <i>Hypothenemus</i>	940
seguis Blackman, <i>Pityophthorus</i>	1027	separandus (Schedl), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	866
seirindensis Murayama, <i>Pityogenes</i>	455	separandus Schedl, <i>Xyleborus</i>	771
seiryorensis Murayama, <i>Xyleborus</i>	770	separatus Bright, <i>Pityophthorus</i>	1025
seiryuensis Murayama, <i>Pityophthorus</i>	1025	<i>sepicola</i> Lovendal, <i>Lymantor</i> (= <i>coryli</i>)	556
<i>sejugatus</i> Schedl, (<i>Xyleborus</i>), <i>Leptoxyleborus</i> (= <i>depressus</i>)	660	<i>septentrionalis</i> Eggers, <i>Hylastes</i> (= <i>plumbeus</i>)	60
sejugatus Schedl, <i>Cryphalus</i>	594	septentrionalis Niisima, <i>Xyleborus</i>	771
semenori (Kurenzov), (<i>Ecocryphalus</i>), <i>Eruoporicus</i>	551	<i>septentrionis</i> Mannerheim, (<i>Bostrichus</i>), <i>Dryocoetes</i> (= <i>autographus</i>)	577
semenori (Spessivtsev), (<i>Ecocoptogaster</i>), <i>Scolytus</i>	376	sequoiae Hopkins, <i>Phloeosinus</i>	253
semibrunneus (Eggers), (<i>Chramesus</i>), <i>Pseudochramesus</i>	262	<i>sercinus</i> Eggers, (<i>Xyleborus</i>), <i>Eucallacea</i> (= <i>xanthopus</i>)	696
semicarinatus (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	650	serenus Wood, <i>Scolytodes</i>	399
semicastaneus Mannerheim, (<i>Bostrichus</i>), <i>Dryocoetes</i> (= <i>autographus</i>)	575	seriata (Brown), (<i>Pseudowebbia</i>), <i>Webbia</i>	532
semicircularis Schedl, <i>Xyleborus</i> (= <i>emarginatus</i>)	733	seriatus (Eggers), (<i>Pseudophloeotribus</i>), <i>Hylesinopsis</i>	95
semicostatus (Schedl), (<i>Xyleborus</i>), <i>Dryocoetoides</i>	655	seriatus (Eichhoff), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	940
semieruis (Numberg), (<i>Pityophthorus</i>), <i>Gnatholeptus</i>	970	seriatus Blandford, <i>Phloeosinus</i>	254
semieruis Schedl, <i>Xyleborus</i>	771	seriatus Blandford, <i>Xyleborus</i>	771
semigranulosus Blandford, (<i>Xyleborus</i>), <i>Xylosandrus</i> (= <i>crassiusculus</i>)	792	seriatus Eggers, <i>Camptocerus</i>	320
semigranulatus (Schedl), (<i>Dryocoetes</i>), <i>Dryocoetiops</i>	555	seriatus Eggers, <i>Cryptocarenum</i>	904
semigranulatus (Schedl), (<i>Xyleborus</i>), <i>Leptoxyleborus</i>	660	<i>seriatus</i> LeConte, (<i>Pityophthorus</i>), <i>Pityoborus</i> (= <i>comatus</i>)	965
seminitens (Blandford), (<i>Xyleborus</i>), <i>Arixyleborus</i>	669	seriatus Reitter, <i>Polygraphus</i>	299
semiopacus Eichhoff, (<i>Xyleborus</i>), <i>Xylosandrus</i> (= <i>crassiusculus</i>)	791		

- sericeus (Mannerheim)**, (*Hylurgus*),
Pseudohylesinus 112
- sericeus (Schedl)**, (*Erioschidias*), *Cosmoderes* 902
- sericeus* Chapuis, *Phloeoborus* (= **scaber**) 100
- sericeus* Marsham, *Pteleobius* (= **rittatus**) 72
- sericeus* Motschulsky, (*Hylesinus*), *Cryphalus*
 (= **dorsalis**) 579
- serjaniae** Wood, *Micracisella* 431
- Serrastus** Numberg 253
- serratus (LeConte)**, (*Hylesinus*), *Phlocosinus* 254
- serratus* Bruck, *Pseudohylesinus* (= **nebulosus**) 111
- serratus** Eggers, *Phloeotribus* 232
- serratus* Fabricius, (*Bostrichus*), *Taurodemus*
 (= **varians**) 756
- serratus* Panzer, (*Bostrichus*), *Ernoporus* (= **fagi**) 851
- serratus** Swaine, *Pityophthorus* 1025
- serratus* Swaine, *Xyleborus* (= **obesus**) 756
- serratus** Wood, *Corthylus* 1079
- serratus* Wood, *Empagiocerus* (= **ater**) 214
- serrifer (Hagedorn)**, (*Chortastus*), *Serrastus* 253
- serrifer* Wichmann, *Phlocosinus* (= **thujae**) 255
- serrulatus** Eggers, *Corthylus* 1079
- setifer (Schedl)**, (*Mimips*), *Mimioecurus* 950
- setifer (Wood)**, (*Cryphalomorphus*), *Scolytogenes* 866
- setifer** Browne, *Pityophthorus* 1025
- setifer** Eggers, *Ctonoxylon* 835
- setifer** Schedl, *Pseudochramesus* 262
- setiger** Schedl, *Claramesus* 269
- setistriatus (Lea)**, (*Cryphalus*), *Cosmoderes* 902
- setosus (Blandford)**, (*Hexacolus*), *Scolytodes* 399
- setosus (Eggers)**, (*Kissoplagus*), *Phloeoditica* 236
- setosus (Eichhoff)**, (*Hypoborus*), *Hypothenemus* 943
- setosus* Beeson, *Polygraphus* (= **setosus**) 299
- setosus* Beeson, (*Thammurgides*), *Coccotrypes*
 (= **advena**) 592
- setosus** Blackman, *Pityophthorus* 1025
- setosus** Bruck, *Phlocosinus* 255
- setosus** Eggers, *Cnesinus* 211
- setosus** Schedl, *Polygraphus* 299
- setosus* Schedl, *Scolytoplatypus* (= **papuanus**) 405
- setosus** Wood, *Bothinodroctonus* 310
- setosus** Wood, *Cactopinus* 436
- setosus** Wood, *Claramesus* 269
- setulosum** Waterhouse, *Pycnarthrum* 356
- setulosus (Eggers)**, (*Loganius*), *Cnemomyx* 317
- setulosus** Blandford, *Cnesinus* 211
- setulosus* Eggers, *Microborus* (= **aberrans**) 353
- setulosus** Eggers, *Xyleborus* 771
- setulosus** Eichhoff, *Phloeotribus* 232
- setulosus** Schedl, *Strombophorus* 204
- seulensis* Murayama, *Scolytus* (= **schevreyewi**) 371
- severus* Bright, *Pityoborus* (= **frontalis**) 965
- severus** Wood, *Dryocoetoides* 655
- sexdentatum* Eggers, (*Anchionocerus*), *Monarthrum*
 (= **sexdenticulum**) 1062
- sexdentatum** Eggers, *Monarthrum* 1062
- sexdentatus (Boerner)**, (*Dermestes*), *Ips* 522
- sexdentatus (Eggers)**, (*Mimips*), *Acanthotomicus* 453
- sexdentatus (Eggers)**, (*Xyleborus*), *Ambrosiodmus* 680
- sexdentatus** Eggers, *Sampsonius* 656
- sexdentatus* Olivier, (*Scolytus*), *Pityogenes*
 (= **chalcographus**) 450
- sexdentatus* junnanicus Sokanovskii, *Ips*
 (= **sexdentatus**) 526
- sexdenticulum** Wood, *Monarthrum* 1062
- sexnotatus (Schedl)**, (*Xyleborus*), *Premnobius* 655
- sexspinatum (Schedl)**, (*Xyleborus*),
Cyclorhipidius 702
- sexspinosus (Schedl)**, (*Ips*), *Acanthotomicus* 453
- ° **sexspinosus (Schedl)**, (*Phlocosinites*),
Phlocosinus 255
- sexspinosus** Eggers, *Premnobius* 655
- sexspinosus* Motschulsky, *Eccoptopterus*
 (= **spinosus**) 521
- sexspinosus pluridentatus* Schedl, *Eccoptopterus*
 (= **multispinosus**) 520
- sextuberculatus** Eggers, *Pityophthorus* 1025
- sextuberculatus* Schedl, (*Gnathotrichus*),
Gnathotrypes (= **longipennis**) 1041
- sextuberculatus** Schedl, *Xyleborus* 771
- seydeli (Numberg)**, (*Rhopalocryphus*), *Glostatus* 836
- seydeli (Schedl)**, (*Mimips*), *Acanthotomicus* 453
- shabliorskyi** Kurenzov, *Hylesinus* 53
- shanhaiensis** Yin & Huang, *Scolytus* 376
- shannoni (Blackman)**, (*Pityophthorus*),
Gnatholeptus 970
- shannoni* Beeson, (*Thammurgides*), *Coccotrypes*
 (= **rhizophorae**) 610
- shariensis** Niisima, *Polygraphus* 299
- sharpae (Hopkins)**, (*Xyleborus*), *Xyleborinus* 816
- sharpi (Blandford)**, (*Xyleborus*), *Taurodemus* 756
- sharpi (Guillebeau)**, (*Phloeophthorus*),
Phloeotribus 233
- sharpi* Guillebeau, *Phloeotribus* (= **cristatus**) 220
- sharpi* lenis (Wood), *Taurodemus* (= **sharpi**) 756
- sharpi sharpi* Blandford, *Taurodemus* (= **sharpi**) 756
- shensi** Tsai & Yin, *Phlocosinus* 255
- shepardi* Blackman, *Pityophthorus* (= **intextus**) 1004
- shikisanii*, *Scolytus* (= **chikisanii**) 327
- shimanensis** Murayama, *Ernoporus* 555
- shinanoensis* Yono, *Ips* (= **eembrae**) 499
- shionomisakiensis** Murayama, *Xyleborus* 771
- shiva Maiti & Saha**, *Ilyorhynchus* 192
- shiva Maiti & Saha**, *Xyleborus* 772
- shogun** Blandford, *Scolytoplatypus* 406
- shoreae (Stebbing)**, (*Tomicus*), *Xyleborus* 772
- shoreae** Browne, *Cryptoxyleborus* 529
- shoreae** Schedl, *Ptilopodius* 900
- shoshone* Hopkins, *Dendroctonus* (= **murayanae**) 155
- shotoensis* Murayama, *Phlocosinus* (= **rudis**) 252
- sibiricus** Eggers, (*Eccoptogaster*), *Scolytus*
 (= **ratzeburgi**) 363
- sibiricus* Numberg, *Pityophthorus* (= **abietinus**) 975
- sibericus** Stark, *Pityophthorus* (= **micrographus**) 1012
- sibsagaricus (Eggers)**, (*Xyleborus*), *Euwallacea* 693

<i>sichotensis</i> Kurenzov, <i>Cryphalus</i>	594	<i>similis</i> Eggers, <i>Phloeosinus</i>	255
<i>sichotensis</i> Kurenzov, <i>Pityophthorus</i>	1025	<i>similis</i> Eggers, <i>Xyleborus</i> (= <i>rufobrunneus</i>)	769
<i>sichus</i> Schedl, <i>Xyleborus</i>	772	<i>similis</i> Eichhoff, <i>Pityophthorus</i>	1025
<i>sicula</i> DelGuercio, (<i>Comesiella</i>), <i>Phlocotribus</i> (= <i>pubifrons</i>)	225	<i>similis</i> Ferrari, <i>Xyleborus</i>	772
<i>siculus</i> Eggers, <i>Scolytus</i> (= <i>koenigi</i>)	335	<i>similis</i> Hagedorn, <i>Dactylipalpus</i> (= <i>grouvellei</i>)	102
<i>siculus</i> Eggers, <i>Taphromyelus</i> (= <i>bicolor</i>)	555	<i>similis</i> Hopkins, <i>Hypothenemus</i> (= <i>sparsus</i>)	945
<i>siculus</i> Eggers, <i>Thamurgus</i>	546	<i>similis</i> LeConte, <i>Dendroctonus</i> (= <i>rufipennis</i>)	177
<i>siculus</i> Ferrari, <i>Hypoborus</i> (= <i>ficus</i>)	251	<i>similis</i> Nunberg, <i>Cladotomus</i>	239
<i>sidanus</i> (Schedl), (<i>Dryocoetes</i>), <i>Xylecleptes</i>	550	<i>similis</i> Schedl, <i>Gnathotripes</i>	1042
<i>sidneyanus</i> (Nordlinger), (<i>Bostrichus</i>), <i>Cryphalus</i>	594	<i>similis</i> Wood, <i>Micracisella</i>	431
<i>sierraleonensis</i> Eggers, (<i>Pocillips</i>), <i>Coccotrypes</i> (= <i>confusus</i>)	597	<i>simillimus</i> Perkins, <i>Xyleborus</i>	774
<i>sierrensis</i> Bright, <i>Pityophthorus</i>	1025	<i>simillimus</i> Schedl, <i>Corthylus</i>	1079
<i>signis</i> Hagedorn, <i>Eucallacca</i> (= <i>xanthopus</i>)	696	<i>simmeli</i> Eggers, (<i>Eccoptogaster</i>), <i>Scolytus</i> (= <i>intricatus</i>)	334
<i>signatifrons</i> (Schedl), (<i>Brachyspartus</i>), <i>Corthylocurus</i>	1069	<i>simoni</i> (Reitter), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	944
<i>signatifrons</i> Browne, <i>Pityophthorus</i>	1025	<i>simplex</i> (Browne), (<i>Cryptoxyleborus</i>), <i>Webbia</i>	533
<i>signatipennis</i> (Schedl), (<i>Xyleborus</i>), <i>Xyleborinus</i>	516	<i>simplex</i> (Schedl), (<i>Ericryphalus</i>), <i>Cryphalus</i>	594
<i>signatipennis</i> Schedl, <i>Chramesus</i>	269	<i>simplex</i> (Schedl), (<i>Mimips</i>), <i>Acanthotomicus</i>	453
<i>signatum</i> (Fabricius), (<i>Apate</i>), <i>Trypodendron</i>	646	<i>simplex</i> Blandford, <i>Hylocurus</i>	425
<i>signatus</i> Ferrari, (<i>Corthylus</i>), <i>Monarthrum</i> (= <i>bicolor</i>)	1051	<i>simplex</i> LeConte, <i>Carphoborus</i>	309
<i>signatus</i> Schedl, (<i>Xyleborus</i>), <i>Ambrosiodmus</i> (= <i>funereus</i>)	674	<i>simplex</i> LeConte, <i>Dendroctonus</i>	150
<i>signatus</i> Strohmeier, <i>Phloeoborus</i>	101	<i>simplex</i> Rey, <i>Hylastes</i> (= <i>opacus</i>)	59
<i>signiceps</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	650	<i>simplex</i> Schedl, <i>Hylocurus</i> (= <i>brasilensis</i>)	423
<i>signifer</i> (Schedl), (<i>Xyleborus</i>), <i>Ambrosiodmus</i>	650	<i>simplex</i> Wollaston, <i>Aphanarthrum</i> (= <i>canescens</i>)	617
<i>silvaniae</i> Schedl, <i>Cyrtogenius</i>	565	<i>simplex</i> Wood, <i>Corthylus</i>	1079
<i>silvanus</i> Schedl, <i>Cryphalus</i>	594	<i>simplex</i> Wood, <i>Phlocotribus</i>	233
<i>siltaticus</i> Bright, <i>Scolytus</i> (= <i>hermosus</i>)	331	<i>simplex</i> Wood, <i>Pseudotlysanoes</i>	417
<i>silvestris</i> Beeson, <i>Coccotrypes</i> (= <i>longior</i>)	605	<i>simplex</i> Wood, <i>Phloeotribus</i>	233
<i>silvestris</i> Beeson, <i>Xyleborus</i> (= <i>volvulus</i>)	753	<i>simplicidens</i> Wood, <i>Phloeotribus</i>	233
<i>similans</i> (Eggers), (<i>Xyleborus</i>), <i>Xyleborinus</i>	516	<i>simplicis</i> Wood, <i>Chramesus</i>	269
<i>similaris</i> Schedl, (<i>Cryphalomorphus</i>), <i>Scolytogenes</i> (= <i>onynganus</i>)	564	<i>simplicis</i> Wood, <i>Tricolus</i>	1045
<i>similaris</i> Schedl, <i>Xyleborus</i> (= <i>malgasicus</i>)	750	<i>simulatus</i> Bright, <i>Xyleborus</i>	774
<i>simile</i> Eggers, <i>Pycnarthrum</i> (= <i>kleinei</i>)	355	<i>siendorae</i> Browne, <i>Acanthotomicus</i>	453
<i>simile</i> Eichhoff, (<i>Pterocyclon</i>), <i>Monarthrum</i> (= <i>fasciatum</i>)	1055	<i>sinense</i> (Eggers), (<i>Trypodendron</i>), <i>Indocryphalus</i>	649
<i>similis</i> (Eggers), (<i>Chortastus</i>), <i>Serrastus</i>	253	<i>sinensis</i> Eggers, <i>Polygraphus</i>	299
<i>similis</i> (Eggers), (<i>Dendroburgus</i>), <i>Coccotrypes</i>	612	<i>sinensis</i> Eggers, <i>Scolytus</i> (= <i>scheryrewi</i>)	370
<i>similis</i> (Eggers), (<i>Loganius</i>), <i>Cucumonyx</i>	317	<i>sinensis</i> Eggers, <i>Xyleborus</i>	774
<i>similis</i> (Eggers), (<i>Prionosceles</i>), <i>Scolytodes</i>	399	<i>sinensis</i> Schedl, <i>Phloeosinus</i>	255
<i>similis</i> (Eggers), (<i>Stephanoderes</i>), <i>Cryphalus</i>	594	<i>sinensis</i> Tsai & Huang, <i>Scolytoplatypus</i> (= <i>mikado</i>)	404
<i>similis</i> (Eggers), (<i>Xyleboricus</i>), <i>Webbia</i>	532	<i>sinensis</i> Wood & Huang, <i>Pseudoxylechinus</i>	114
<i>similis</i> Blackman, <i>Cnesinus</i> (= <i>costulatus</i>)	207	<i>singalangicus</i> Eggers, <i>Ozopemon</i> (= <i>theklae</i>)	590
<i>similis</i> Blackman, <i>Pseudohylesinus</i> (= <i>tsugae</i>)	114	<i>singularis</i> Bright, <i>Pityophthorus</i> (= <i>blandus</i>)	953
<i>similis</i> Butovitsch, <i>Scolytus</i> (= <i>rugulosus</i>)	370	<i>singularis</i> Wood, <i>Hylocurus</i>	425
<i>similis</i> Eggers, (<i>Hylesinus</i>), <i>Ficicis</i> (= <i>despectus</i>)	91	<i>singularis</i> Wood, <i>Pseudopityophthorus</i>	976
<i>similis</i> Eggers, (<i>Nigrites</i>), <i>Scolytogenes</i> (= <i>darwini</i>)	561	<i>sinoabietis</i> Tsai & Li, <i>Cryphalus</i>	595
<i>similis</i> Eggers, (<i>Trigonogenius</i>), <i>Pityophthorus</i> (= <i>eggersi</i>)	997	<i>sinoabietis opienensis</i> Tsai & Li, <i>Cryphalus</i> (= <i>sinoabietis</i>)	595
<i>similis</i> Eggers, <i>Dryocoetes</i> (= <i>alni</i>)	572	<i>sinopae</i> Schedl, <i>Pityophthorus</i>	1025
<i>similis</i> Eggers, <i>Ozopemon</i>	590	<i>Sinophloeus</i> Brethes	105
<i>similis</i> Eggers, <i>Phloeoborus</i> (= <i>signatus</i>)	101	<i>sinopiceus</i> Tsai, <i>Scolytus</i>	376
		<i>sinuosa</i> (Schedl), (<i>Bothryperus</i>), <i>Phrixosoma</i>	190
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<i>squamulatus</i> Niisima, <i>Polygraphus</i>	299	<i>striatulus</i> Browne, <i>Cryphalus</i>	895
<i>squamulatus</i> Redtenbacher, (<i>Hylesinus</i>), <i>Carpophorus</i> (= <i>minimus</i>)	307	<i>striatulus</i> Browne, (<i>Cryphalomorphus</i>), <i>Hypothenemus</i> (= <i>brownei</i>)	911
<i>squamulatus niger</i> Nunberg, <i>Xyleborus</i> (= <i>squamulatus</i>)	776	<i>striatulus</i> Browne, <i>Xyleborus</i>	776
<i>squamulosus</i> (Eggers), (<i>Cylindrotomicus</i>), <i>Scolytogenes</i>	866	<i>striatulus</i> Hagedorn, <i>Camptocerus</i> (= <i>niger</i>)	319
<i>squamulosus</i> (Eggers), (<i>Xyleborus</i>), <i>Eccoptyterus</i> <i>squamulosus</i> Eggers, (<i>Ernoporus</i>), <i>Acothylus</i> (= <i>bosqui</i>)	521 553	<i>striatulus</i> Schedl, <i>Hypothenemus</i> (= <i>seriatus</i>)	943
<i>squamulosus</i> Strohmeier, <i>Cryphalus</i>	895	<i>striatulus</i> Wood, <i>Coccotrypes</i> (= <i>tahitensis</i>)	613
<i>squamulosus auratus</i> Eggers, (<i>Xyleborus</i>), <i>Eccoptyterus</i> (= <i>squamulosus</i>)	821	<i>striatulus</i> Wood, <i>Scolytodes</i>	399
<i>squamulosus duplicatus</i> Eggers, (<i>Xyleborus</i>), <i>Eccoptyterus</i> (= <i>limbus</i>)	820	<i>striatus</i> (Eggers), (<i>Hexacolus</i>), <i>Scolytodes</i>	399
<i>ssiori</i> Niisima, <i>Polygraphus</i>	299	<i>striatus</i> (Eggers), (<i>Phthorophloeus</i>), <i>Phloeotribus</i>	234
<i>stachi</i> Nunberg, <i>Hylconus</i> (= <i>robustus</i>)	427	<i>striatus</i> (LeConte), (<i>Cryphalus</i>), <i>Dendroterus</i>	952
<i>starhoni</i> Reitter, <i>Dryocoetes</i> (= <i>villosus</i>)	587	<i>striatus</i> (Schedl), (<i>Metahylesinus</i>), <i>Hylesinopsis</i>	95
<i>starki</i> Eggers, (<i>Blastophagus</i>), <i>Tomicus</i> (= <i>puellus</i>)	136	<i>striatus</i> Browne, <i>Cryphalus</i>	895
<i>starki</i> Eggers, (<i>Hylurgops</i>), <i>Hylastes</i> (= <i>cunicularius</i>)	53	<i>striatus</i> Eggers, (<i>Thamurgides</i>), <i>Coccotrypes</i> (= <i>tahitensis</i>)	613
<i>starki</i> Eggers, <i>Ernoporus</i> (= <i>tiliae</i>)	857	<i>striatus</i> Eggers, <i>Bothrostermus</i>	215
<i>starki</i> Kurenzov, <i>Scolytus</i> (= <i>japonicus</i>)	335	<i>striatus</i> Eggers, <i>Chramesus</i>	269
<i>starki</i> Nunberg, <i>Xyleborus</i>	776	<i>striatus</i> Eggers, <i>Coccotrypes</i>	612
<i>starki</i> Spessivtzev, <i>Orthotomicus</i>	475	<i>striatus</i> Eggers, <i>Cryphalominus</i>	835
<i>stebbingi</i> Strohmeier, <i>Ips</i>	526	<i>striatus</i> Eggers, <i>Diamerus</i>	198
<i>Steganocranus</i> Eichhoff (= <i>Amphicranus</i>)	1045	<i>striatus</i> Eggers, <i>Dryocoetes</i>	555
<i>Stegomerus</i> Wood	552	<i>striatus</i> Eggers, (<i>Problechilus</i>), <i>Gymnochilus</i> (= <i>reitteri</i>)	387
<i>Stenoclyptus</i> Blackman	419	<i>striatus</i> Eggers, <i>Hylesinus</i> (= <i>laticollis</i>)	81
<i>stendermus</i> (Schedl), (<i>Pterocyclon</i>), <i>Amphicranus</i>	1049	<i>striatus</i> Eggers, <i>Phloeotribus</i> (= <i>neglectus</i>)	225
<i>stenographus</i> (Schedl), (<i>Xyleborus</i>), <i>Cryptoxyleborus</i>	829	<i>striatus</i> Eggers, <i>Pseudodiamerus</i>	194
<i>stenographus</i> Duftschmidt, (<i>Bostrichus</i>), <i>Ips</i> (= <i>sex-</i> <i>dentatus</i>)	525	<i>striatus</i> Eggers, (<i>Hylucurosoma</i>), <i>Scolytodes</i> (= <i>striatulus</i>)	399
<i>stenographus</i> Schedl, <i>Xyloctonus</i> (= <i>aethiops</i>)	840	<i>striatus</i> Eggers, <i>Trietomus</i>	541
<i>Stephanoderes</i> Eichhoff (= <i>Hypothenemus</i>)	904	<i>striatus</i> Eggers, <i>Xyloctonus</i>	841
<i>Stephanopodius</i> Schedl	853	<i>striatus</i> Hopkins, <i>Hypocryphalus</i>	872
<i>Stephanorhopalus</i> Hopkins (= <i>Ernoporus</i>)	854	<i>striatus</i> Nobuchi, <i>Taphrorhynchus</i>	560
<i>stephegynis</i> Hopkins, <i>Ptilopodius</i>	900	<i>striatus</i> Wood, <i>Chramesus</i> (= <i>strigatus</i>)	269
<i>stephegynis</i> Hopkins, <i>Xyleborus</i> (= <i>bidentatus</i>)	715	<i>strictus</i> Wood, <i>Pityophthorus</i>	1029
<i>sterculiae</i> Hopkins, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>birmanus</i>)	910	<i>strigatus</i> Wood, <i>Chramesus</i>	269
<i>Sternobothrus</i> Eggers	216	<i>strigicollis</i> LeConte, <i>Cnesinus</i>	212
<i>stierlini</i> Eggers, (<i>Cryphalus</i>), <i>Scolytogenes</i> (= <i>aspericollis</i>)	859	<i>strigicollis</i> Schedl, <i>Coccotrypes</i>	612
<i>stigmatosus</i> (Schedl), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	945	<i>strigilatus</i> Eggers, <i>Corthylus</i> (= <i>letzneri</i>)	1074
		<i>strigilatus</i> Reitter, <i>Scolytus</i> (= <i>mali</i>)	341
		<i>strigilatus</i> Wichmann, <i>Cryphalus</i>	895
		<i>strigilis</i> Wood, <i>Chramesus</i>	269
		<i>strigilis</i> Wood, <i>Corthylus</i>	1080
		<i>strigillatus</i> Chapuis, (<i>Nemophilus</i>), <i>Cnesinus</i> (= <i>strigicollis</i>)	212
		<i>strigipennis</i> Schedl, <i>Cryphalus</i>	895
		<i>strigipennis</i> Schedl, <i>Scolytus</i>	377

<i>strohmeyeri</i> Eggers, <i>Scolytoplattypus</i> (= <i>fasciatus</i>)	403	<i>subcostulatus subcostulatus</i> (Mannerheim)	
<i>strohmeyeri</i> Schedl. (= <i>Nytleborus</i>), <i>Ambrosiodinus</i>		<i>Hylurgops</i> (= <i>subcostulatus</i>)	42
(= <i>rubricollis</i>)	679	<i>subcrenulatus</i> Eggers, <i>Nytleborus</i>	776
<i>strohmeyeri</i> Stebbing, <i>Cryphalus</i>	895	<i>subcristatus</i> Schedl., <i>Pityophthorus</i>	1030
<i>strombiformis</i> (Schedl.) (= <i>Nytleborus</i>), <i>Eucallalca</i>	693	<i>subcristosus</i> (Blandford), (<i>Nytleborus</i>),	
<i>Strombophorini</i> Schedl. (= <i>Diamerini</i>)	193	<i>Coccotrypes</i>	612
<i>Strombophorus</i> Hagedorn	202	<i>subcristosus</i> (Eggers), (<i>Hexacolus</i>), <i>Scolytodes</i>	399
<i>strombosiopsis</i> Schedl., <i>Dendrochilus</i>	435	<i>subcristosus</i> Eggers, <i>Crypturgus</i> (= <i>cinereus</i>)	623
<i>strombosiopsis</i> Schedl., <i>Nytleborus</i>	776	<i>subcylindricus</i> (Schedl.), (<i>Porecilips</i>), <i>Coccotrypes</i>	613
<i>Strophionocerus</i> Sampson, <i>Scolytoplattypus</i>	401	<i>subcylindricus</i> Eggers, (<i>Stephanoderes</i>),	
<i>struthanthi</i> Wood, <i>Chaetophloeus</i>	274	<i>Hypothenemus</i> (= <i>eruditus</i>)	924
<i>stunusos</i> Schedl., <i>Xylosandrus</i> (= <i>curtulus</i>)	793	<i>subcylindricus</i> Schedl., (<i>Cryphalus</i>), <i>Hypocryphalus</i>	
<i>Stylotentus</i> Schedl. (= <i>Hypothenemus</i>)	905	(= <i>mangiferae</i>)	870
<i>Styphlosoma</i> Blandford	950	<i>subdentatulus</i> Browne, <i>Nytleborus</i>	776
<i>Styracopterus</i> Blandford (= <i>Styracoptinus</i>)	251	<i>subdentatus</i> Browne, <i>Nytleborus</i>	776
<i>Styracoptinus</i> Wood	251	<i>subdepressus</i> Eggers, (<i>Dryocoetes</i>), <i>Coccotrypes</i>	
<i>styrax</i> (Schedl.), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	945	(= <i>cyperi</i>)	599
<i>suavi</i> (Schedl.), (<i>Porecilips</i>), <i>Coccotrypes</i>	612	<i>subdepressus</i> Eggers, <i>Cryphalus</i> (= <i>picuae</i>)	589
<i>suavi</i> Schedl., <i>Nytleborus</i>	776	<i>subdepressus</i> Rex, (<i>Nytleborus</i>), <i>Nytleborinus</i>	
<i>subacuminatus</i> (Eggers), (<i>Porecilips</i>), <i>Coccotrypes</i>	612	(= <i>suxseni</i>)	514
<i>subacuminatus</i> (Schedl.), (<i>Pelicerus</i>), <i>Cyrtogenius</i>	565	<i>subdepressus</i> Schedl., <i>Coccotrypes</i>	612
<i>subacuminatus</i> (Schedl.), (<i>Stephanoderes</i>),		<i>subdepressus</i> Schedl., <i>Lamargus</i>	409
<i>Hypothenemus</i>	945	<i>subulosus</i> Schedl., <i>Nytleborus</i>	777
<i>subadjuuctus</i> Schedl., (<i>Nytleborus</i>), <i>Coptoborus</i>		<i>subductum</i> (Schedl.), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1063
(= <i>usagaricus</i>)	664	<i>subductus</i> Schedl., <i>Nytleborus</i>	777
<i>subaffinis</i> Eggers, <i>Nytleborus</i> (= <i>affinis</i>)	709	<i>subelongatus</i> Hopkins, <i>Hypothenemus</i>	
<i>subagnatus</i> Schedl., <i>Cyclorhipidion</i>		(= <i>pubescens</i>)	939
(= <i>subagnatum</i>)	703	<i>subelongatus</i> Motschulsky, (<i>Tonicus</i>), <i>Ips</i>	
<i>subagnatum</i> Wood, <i>Cyclorhipidion</i>	703	(= <i>cenbrae</i>)	499
<i>subagnatus</i> Eggers, <i>Cyclorhipidion</i> (= <i>subagnatum</i>)	703	<i>submarginatus</i> Eggers, <i>Nytleborus</i>	777
<i>subagnatus</i> Eggers, (<i>Stephanoderes</i>), <i>Hypothenemus</i>		<i>subglabratus</i> Schedl., <i>Hypothenemus</i> (= <i>arecae</i>)	905
(= <i>jaranus</i>)	933	<i>subglabrum</i> Israelson, <i>Aphanarthrum</i>	620
<i>subalpinus</i> Eggers, <i>Hylastes</i> (= <i>cunicularius</i>)	51	<i>subgranosus</i> (Schedl.), (<i>Eidophelus</i>), <i>Cyrtogenius</i>	569
<i>subaplanatus</i> Schedl., (<i>Porecilips</i>), <i>Coccotrypes</i>		<i>subgranosus</i> Schedl., <i>Nytleborus</i>	777
(= <i>cyperi</i>)	599	<i>subgranosus affinis</i> Schedl., <i>Cyrtogenius</i>	
<i>subasperulus</i> Eggers, <i>Corrhylus</i>	1050	(= <i>subgranosus</i>)	569
<i>subasperulus</i> Eggers, <i>Nytleborus</i>	776	<i>subgranulatum</i> Wood, <i>Monarthrum</i>	1063
<i>subcarinatum</i> Wood, <i>Pycnanthrum</i>	356	<i>subgranulatus</i> (Eggers), (<i>Nytleborus</i>),	
<i>subcarinatus</i> (Schedl.), (<i>Phloeosinus</i>), <i>Hylechus</i>	261	<i>Nytleborinus</i>	517
<i>subcarinulatus</i> Eggers, <i>Nytleborus</i>	776	<i>subgranulatus</i> Schedl., <i>Cryphalus</i>	895
<i>subcompactus</i> Lea, <i>Cryphalus</i>	895	<i>subgranulatus</i> Schedl., <i>Hylecenus</i>	425
<i>subconcentralis</i> Hopkins, (<i>Stephanoderes</i>),		<i>subimmutatus</i> (Schedl.), (<i>Mimips</i>),	
<i>Hypothenemus</i> (= <i>eruditus</i>)	923	<i>Acanthotomicus</i>	454
<i>subconcentralis</i> Hopkins, <i>Cryphalus</i> (= <i>pubescens</i>)	590	<i>subimpressus</i> Bright, <i>Pityophthorus</i> (= <i>subsimilis</i>)	1030
<i>subconcentralis</i> Schedl., <i>Pityophthorus</i>	1029	<i>subimpressus</i> Eggers, (<i>Dryocoetes</i>), <i>Coccotrypes</i>	
<i>subconfusus</i> Eggers, <i>Scolytus</i> (= <i>japonicus</i>)	335	(= <i>cyperi</i>)	599
<i>subcoriaceus</i> Eggers, <i>Eucallalca</i> (= <i>picus</i>)	693	<i>subincisuralis</i> Schedl., <i>Tricholus</i>	1045
<i>subcostatus</i> Eggers, (<i>Hylesinus</i>), <i>Ficicis</i> (= <i>despectus</i>)	91	<i>subitus</i> Schedl., <i>Nytleborus</i> (= <i>ferrugineus</i>)	739
<i>subcostatus</i> Eggers, <i>Phloeotribus</i>	234	<i>sublaevis</i> (Eggers), (<i>Wolbia</i>), <i>Arixyleborus</i>	669
<i>subcostatus</i> Eggers, <i>Xyloctonus</i>	541	<i>sublaevis</i> Eggers, <i>Coccotrypes</i> (= <i>sauvio</i>)	611
<i>subcostatus</i> Eichhoff, <i>Nytleborus</i>	776	<i>sublinearis</i> Eggers, <i>Nytleborus</i>	777
<i>subcostatus</i> <i>dearvatus</i> Eggers, <i>Nytleborus</i>		<i>sublongus</i> Eggers, <i>Coccotrypes</i> (= <i>carpophagus</i>)	594
(= <i>subcostatus</i>)	776	<i>sublongus</i> Eggers, <i>Nytleborus</i>	777
<i>subcostulatus</i> (Mannerheim), (<i>Hylastes</i>),		<i>submarginatus</i> Blandford, <i>Nytleborus</i> (= <i>similis</i>)	773
<i>Hylurgops</i>	42	<i>submarginatus</i> Schedl., <i>Scolytus</i>	377
<i>subcostulatus alternans</i> Chapuis, (<i>Hylastes</i>),		<i>submolestus</i> Schedl., <i>Nytleborus</i>	777
<i>Hylurgops</i> (= <i>subcostulatus</i>)	42	<i>submontanus</i> Schedl., <i>Nytleborus</i> (= <i>tenellus</i>)	778
		<i>submuricatus</i> Eichhoff, <i>Cryphalus</i>	895

<i>subnaevus</i> Schedl. (<i>Cryptoxyleborus</i>)	529	<i>subsulcatus</i> Eggers. (<i>Diamerus</i>) (<i>interstitialis</i>)	196
<i>subnepotulus</i> (Eggers). (<i>Xyleborus</i>), <i>Ambrosiodinus</i>	650	<i>subsulcatus</i> Schedl. (<i>Coccotrypes</i>)	613
<i>subnitida</i> Blackman. (<i>Micracisella</i>)	431	<i>subsulcatus</i> Schedl. (<i>Corthylus</i>)	1080
<i>subnitidus</i> Schedl. (<i>Pocillips</i>), (<i>Coccotrypes</i>) (= <i>advena</i>)	593	<i>subsulcatus</i> Schedl. (<i>Polygraphus</i>)	301
<i>subobtusum</i> (Schedl.). (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	703	<i>subsulcatus</i> Wood. (<i>Thysanoxes</i>)	421
<i>subopacicollis</i> Hopkins. (<i>Stephanoderes</i>), <i>Hypothecenus</i> (= <i>seriatus</i>)	943	<i>subtectus</i> Browne. (<i>Sphaerotrypes</i>)	201
<i>subopacus</i> Blackman. (<i>Hylastes</i>)	62	<i>subtilis</i> Schedl. (<i>Xyleborus</i>)	777
<i>subopacus</i> Blackman. (<i>Pityophthorus</i>)	1030	<i>subtriatus</i> Schedl. (<i>Cryphalomonorplus</i>), (<i>Scolytogenes</i>) (= <i>knabi</i>)	863
<i>subopacus</i> Eggers. (<i>Hylesinus</i>), (<i>Ficicis</i>) (= <i>despectus</i>)	91	<i>subtruncatum</i> (Schedl.). (<i>Pterocyclon</i>), <i>Monarthrum</i>	1063
<i>subopacus</i> Eggers. (<i>Stephanoderes</i>), (<i>Hypothecenus</i>) (= <i>obscurus</i>)	936	<i>subtruncatus</i> Schedl. (<i>Xyleborus</i>)	777
<i>subopacus</i> Schaeffer. (<i>Chramesus</i>)	269	<i>subtuberculatus</i> Eggers. (<i>Pocillips</i>), (<i>Coccotrypes</i>) (= <i>rotundicollis</i>)	610
<i>subopacus</i> Schedl. (<i>Bothrosternus</i>)	215	<i>subtuberculatus</i> Eggers. (<i>Chramesus</i>)	269
<i>subopacus</i> Schedl. (<i>Microcorthylus</i>) (= <i>glabratus</i>)	1065	<i>subtuberculatus</i> Eggers. (<i>Xyleborus</i>)	777
<i>subopacus</i> Thomson. (<i>Polygraphus</i>)	300	<i>subtuberculatus</i> Schedl. (<i>Cryphalus</i>)	596
<i>subopacus minor</i> Lindemann. (<i>Polygraphus</i>) (= <i>subopacus</i>)	301	<i>subuculae</i> (Browne). (<i>Proncebbia</i>), (<i>Webbia</i>)	533
<i>suboralis</i> Eggers. (<i>Coccotrypes</i>)	613	<i>subulatum</i> Wood. (<i>Styphlosoma</i>)	950
<i>suboratus</i> Blandford. (<i>Phloeotribus</i>)	234	<i>subulatus</i> (Wood). (<i>Cryptoleptus</i>), <i>Pseudothysanoxes</i>	418
<i>subparallelus</i> (Eggers). (<i>Xyleborus</i>), (<i>Eucallacea</i>)	694	<i>subvestitus</i> Eggers. (<i>Stephanoderes</i>), (<i>Hypothecenus</i>) (= <i>arecae</i>)	907
<i>subparallelus</i> Eggers. (<i>Hexacolus</i>), (<i>Scolytodes</i>) (= <i>notatus</i>)	396	<i>subvestitus</i> Schedl. (<i>Cryphalus</i>)	596
<i>subpilosus</i> (Wood). (<i>Cryptoleptes</i>), <i>Pseudothysanoxes</i>	417	<i>subvulguris</i> (Browne). (<i>Pocillips</i>), (<i>Coccotrypes</i>)	613
<i>subplanatus</i> Eggers. (<i>Xyleborus</i>)	777	<i>succicus</i> Eggers. (<i>Dryocoetes</i>) <i>Succinae</i> Murayama (= <i>Hyorrhynchium</i>)	555
<i>subpronum</i> (Schedl.). (<i>Pterocyclon</i>), <i>Monarthrum</i>	1063	<i>Sueus</i> Murayama	191
<i>subpruinosis</i> Browne. (<i>Xyleborus</i>)	777	<i>suggrundis</i> Schedl. (<i>Microcorthylus</i>)	1067
<i>subretusus</i> Wollaston. (<i>Triotenus</i>)	541	<i>sulcaticeps</i> Schedl. (<i>Xyleborus</i>)	777
<i>subscaber</i> LeConte. (<i>Scolytus</i>)	377	<i>sulcatus</i> Eggers. (<i>Xyleborus</i>)	775
<i>subseriatus</i> (Schedl.). (<i>Hapalogenius</i>), <i>Rhopalopsclion</i>	97	<i>sulcatum</i> (Blandford). (<i>Pterocyclon</i>), <i>Monarthrum</i>	1063
<i>subseriatus</i> Eggers. (<i>Coccotrypes</i>) (= <i>carpophagus</i>)	594	<i>sulcatus</i> (Bruck). (<i>Pseudothysanoxes</i>), (<i>Stenochyptus</i>)	419
<i>subserratus</i> Wood. (<i>Corthylus</i>)	1080	<i>sulcatus</i> (Eggers). (<i>Metalylesinus</i>), (<i>Hylesinopsis</i>)	95
<i>subsimplans</i> Wood. (<i>Pityophthorus</i>)	1030	<i>sulcatus</i> (Eggers). (<i>Xyleborus</i>), (<i>Ambrosiodinus</i>)	650
<i>subsimpliformis</i> (Eggers). (<i>Xyleborus</i>), <i>Xylosandrus</i>	500	<i>sulcatus</i> (LeConte). (<i>Cryphalus</i>), (<i>Guathotrichus</i>)	1035
<i>subsimplis</i> (Eggers). (<i>Xyleborus</i>), (<i>Xylosandrus</i>)	500	<i>sulcatus</i> (Nunberg). (<i>Neodryocoetes</i>), (<i>Araptus</i>)	962
<i>subsimplis</i> Schedl. (<i>Breviophthorus</i>), (<i>Pityophthorus</i>) (= <i>subsimplans</i>)	1030	<i>sulcatus</i> (Schedl.). (<i>Eidophelus</i>), (<i>Cyrtogenius</i>)	569
<i>subsimplis</i> Schedl. (<i>Arxyleborus</i>) (= <i>canaliculatus</i>)	665	<i>sulcatus</i> (Wood). (<i>Renocis</i>), (<i>Chaetophloeus</i>)	274
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<i>Thammurginae</i> Nusslin (= <i>Dryocoetini</i>)	539	<i>timitus</i> Schedl, <i>Xyleborus</i>	779
<i>Thannurgus</i> Eichhoff	541	<i>titubanter</i> Schedl, <i>Xyleborus</i>	779
<i>thammus</i> Bright, <i>Pityophthorus</i>	1031	<i>toba</i> Wichmann, <i>Scolytopsis</i> (= <i>puncticollis</i>)	321
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<i>thatcheri</i> Bright, <i>Pityophthorus</i> (= <i>pseudotsugae</i>)	1021	<i>togonus</i> (Eggers), (<i>Pseudohylesinus</i>), (<i>Hylesinopsis</i>)	95
<i>thatcheri</i> Wood, <i>Ips</i> (= <i>pilifrons</i>)	517	<i>togonus</i> Eggers, <i>Pityophthorus</i>	1031
<i>Thaumasius</i> Reitter (= <i>Chramesus</i>)	262	<i>tolimanus</i> (Eggers), (<i>Xyleborus</i>), (<i>Coptoborus</i>)	664
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<i>theae</i> Eggers, <i>Coccotrypes</i>	613	<i>tomentosus</i> (Eggers), (<i>Xyleborus</i>), (<i>Hadrodentius</i>)	519
<i>theklae</i> Hagedorn, <i>Ozopemon</i>	590	<i>tomentosus</i> Eichhoff, (<i>Pityophthorus</i>), <i>Pseudopityophthorus</i> (= <i>pruinosis</i>)	975
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<i>tropicus</i> (Browne), (<i>Trypodendron</i>), <i>Indocryphalus</i>	649	<i>tuberculatus</i> (Eggers), (<i>Xyleboricus</i>), <i>Arixyleborus</i>	669
<i>tropicus</i> (Hagedorn), (<i>Xyleborus</i>), <i>Ambrosiodinus</i>	681	<i>tuberculatus</i> (Schedl), (<i>Eidophelus</i>), <i>Cyrtogenius</i>	569
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<i>tropicus</i> Eggers, <i>Polygraphus</i>	301	<i>tuberculatus</i> Bright, <i>Carphoborus</i> (= <i>pinicoleus</i>)	308
<i>tropicus</i> Eichhoff, <i>Coccotrypes</i> (= <i>daetyliperda</i>)	601	<i>tuberculatus</i> Eggers, <i>Corthylus</i>	1080
<i>trucis</i> (Wood), (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	866	<i>tuberculatus</i> Eggers, <i>Hylurgops</i>	43
<i>trucis</i> Wood, <i>Corthylus</i>	1080	<i>tuberculatus</i> Eggers, <i>Phloeotribus</i> (= <i>demessus</i>)	220
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<i>truncatorus</i> Schedl, <i>Amphicranus</i>	1050	<i>tuberculatus</i> Schedl, <i>Cryphalus</i>	897
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<i>truncatus</i> Bright, <i>Pseudopityophthorus</i> (= <i>declivis</i>)	972	<i>tuberculatus</i> Wollaston, <i>Aphanarthrum</i> (= <i>jubae</i>)	619
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<i>truncatus</i> Wood, <i>Corthylus</i>	1080	<i>tuberculifer</i> Schedl, <i>Cyrtogenius</i>	569
<i>truncatus</i> Wood, <i>Micracis</i> (= <i>lignator</i>)	433	<i>tuberculifer</i> Wood, <i>Acanthotomicus</i>	484
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<i>trypanus</i> Sampson, <i>Cryphalus</i>	897	<i>tuberosus</i> Niisima, <i>Crypturgus</i>	629
<i>Trypanus</i> Eichhoff (= <i>Monarthrum</i>)	1050	<i>Tabuloscolytus</i> Butovitsch (= <i>Scolytus</i>)	321
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- uniseriatus* Eggers, *Dryocoetes* 586
- uniseriatus* Eggers, *Ozopemon* 590
- uniseriatus* Eggers, *Phlocotribus* 235
- uniseriatus* Schedl. *Camptocerus* (= *major*) 319
- unispinosus* LeConte, *Scolytus* 379
- unispinosus* Scheyvrew, *Scolytus* (= *jaroschevskii*) 336
- upoluensis* (Schedl), (*Xyleborus*), *Ambrosiodmus* 681
- upoluensis* Schedl. *Cryphalus* 597
- Urdugraphus* Beeson (= *Polygraphus*) 254
- urichi* Sampson, (*Xyleborus*), *Dryocoetoides*
(=*cristatus*) 657
- ursa* (Eggers), (*Xyleborus*), *Xylosandrus* 801
- ursinus* (Hagedorn), (*Xyleborus*), *Xylosandrus* 801
- ursulus* (Eggers), (*Xyleborus*), *Xylosandrus* 801
- ursus* Eggers, (*Xyleborus*), *Hadrodemius* (= *globus*) 819
- ursus* Schedl. *Amphicranus* 1050
- ursus* Sokanovskii, *Dryocoetes* (= *baikalicus*) 579
- ursus fuscus* Eggers, (*Xyleborus*), *Hadrodemius*
(=*globus*) 519
- usagarius* (Eggers), (*Neocryphalus*), *Scolytogenes* 866
- usagarius* (Eggers), (*Xyleborus*), *Coptoborus* 664
- usagarius hembbitalei* Schedl. (*Xyleborus*),
Coptoborus (= *usagarius*) 665
- usagarius subadjunctus* Schedl. (*Xyleborus*),
Coptoborus (= *usagarius*) 664
- usambaricum* Eggers, *Ctonoxylon* (= *flavescens*) 837
- usambaricus* Schedl. *Stephanopodius* 553
- usambaricus* Schedl. *Xylocleptes* 550
- usitata* (Schedl), (*Xyleborus*), *Schedlia* 552

<i>ussuriensis</i> Berger & Kholodkovskii, <i>Scolytoplattypus</i> (= <i>tycon</i>)	407	<i>varians</i> Lea, <i>Ficicis</i>	92
<i>ussuriensis</i> Eggers, <i>Cryphalus</i> (= <i>kurenzori</i>)	552	<i>varians</i> Schedl, <i>Pityophthorus</i> (= <i>nitidus</i>)	1016
<i>ussuriensis</i> Eggers, <i>Dryocoetes</i>	586	<i>varians</i> Schedl, <i>Arixyleborus</i> (= <i>sus</i>)	669
<i>ussuriensis</i> Kurenzov, <i>Scolytus</i> (= <i>japonicus</i>)	335	<i>variegatus</i> (Blandford) , (<i>Hylastes</i>), <i>Pseudohylesinus</i>	114
<i>ussuriensis</i> Reitter, <i>Ips</i>	535	<i>variegatus</i> (Chapuis) , (<i>Phloeosinus</i>), <i>Xylechinus</i>	119
<i>ussuriensis</i> Schedl, <i>Polygraphus</i> (= <i>proximus</i>)	296	<i>variegatus</i> (Eggers) , (<i>Pseudophloeotribus</i>), <i>Hylesinopsis</i>	96
<i>ussuriensis</i> <i>rigulosus</i> Eggers, <i>Dryocoetes</i> (= <i>ussuriensis</i>)	586	<i>variegatus</i> Beeson, <i>Diamerus</i> (= <i>variegatus</i>)	195
<i>usticus</i> Wood, <i>Xyleborus</i> (= <i>discretus</i>)	725	<i>variegatus</i> Eggers , <i>Chramesus</i>	270
<i>ustulatus</i> Hagedorn, <i>Xyleborus</i> (= <i>alluaudi</i>)	709	<i>variegatus</i> Eggers , <i>Sphaerotrypes</i>	202
<i>ustum</i> Schedl , <i>Corthyocelon</i>	1065	<i>variegatus</i> Eggers , <i>Strombophorus</i> (= <i>ericus</i>)	203
<i>ustus</i> Schedl , <i>Xyleborus</i>	780	<i>variegatus</i> Schedl , <i>Diamerus</i>	195
<i>usurpatus</i> Wood , <i>Sampsonius</i>	656	<i>variegatus</i> Wood & Huang , <i>Pseudoxylechinus</i>	114
<i>utahensis</i> Hopkins , <i>Procryphalus</i>	545	<i>variipennis</i> (Schedl) , (<i>Xyleborus</i>), <i>Cyrtogenius</i>	569
<i>utahensis</i> Swaine, <i>Phloeosinus</i> (= <i>serratus</i>)	254	<i>variolatus</i> Bruck , <i>Phloeosinus</i>	259
<i>utahensis</i> Wood, <i>Ips</i> (= <i>pilifrons</i>)	517	<i>variolosus</i> Perris, <i>Hylastes</i> (= <i>linearis</i>)	56
<i>uter</i> Eggers, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>birmanus</i>)	910	<i>variolosus</i> Schedl , <i>Cryphalus</i>	897
<i>uter</i> Schedl , <i>Scolytoplattypus</i>	407	<i>varipes</i> Eichhoff , <i>Thamurgus</i>	546
<i>nyctenboogaarti</i> Eggers, <i>Dactylotrypes</i> (= <i>longicollis</i>)	554	<i>varius</i> (Fabricius) , (<i>Bostrichus</i>), <i>Hylesinus</i>	85
<i>cachelliae</i> Blackman, <i>Thysanoes</i> (= <i>texanus</i>)	421	<i>varius</i> (Schedl) , (<i>Cryphalomorphus</i>), <i>Scolytogenes</i>	866
<i>rafer</i> (Schedl) , (<i>Gnathotrichus</i>), <i>Gnathotrupes</i>	1042	<i>varius</i> Schedl, (<i>Problechilus</i>), <i>Gymnochilus</i> (= <i>minor</i>)	357
<i>rafer</i> Blandford , <i>Hypothenemus</i> (= <i>areceae</i>)	907	<i>varius</i> Wood , <i>Chramesus</i>	270
<i>rafra</i> (Schedl) , (<i>Xyleborus</i>), <i>Coptodryas</i>	827	<i>varius</i> Wood , <i>Scolytodes</i>	400
<i>ragabundus</i> (Schedl) , (<i>Cosmocorynus</i>), <i>Amphiceranus</i>	1050	<i>varshalovitchi</i> Michalski , <i>Scolytus</i>	380
<i>ragabundus</i> (Wood) , (<i>Loganius</i>), <i>Cnemomyx</i>	318	<i>varulus</i> (Wood) , (<i>Xyleborus</i>), <i>Taurodemus</i>	787
<i>ragabundus</i> Blandford , <i>Hylaeus</i>	428	<i>vaspatorius</i> Hagedorn, <i>Ambrosiodinus</i> (= <i>desectus</i>)	672
<i>ragabundus</i> Schedl , <i>Xyleborus</i> (= <i>rolulus</i>)	783	<i>vastans</i> Chapuis, <i>Hylastes</i> (= <i>gracilis</i>)	54
<i>ragans</i> (Schedl) , (<i>Xyleborus</i>), <i>Cyclorhipidion</i>	704	<i>vastus</i> Wood , <i>Chramesus</i>	270
<i>ragans</i> Eggers, (<i>Phloeosinus</i>), <i>Hyledius</i> (= <i>nitidicollis</i>)	260	<i>vastus</i> Wood , <i>Eupagiocerus</i>	214
<i>ragans</i> Schedl , <i>Strombophorus</i>	204	<i>vateriae</i> (Beeson) , (<i>Thamurgides</i>), <i>Coccotrypes</i>	614
<i>valdirianus</i> (Eggers) , (<i>Xylechinus</i>), <i>Xylechinusomus</i>	105	<i>vaticae</i> (Nunberg) , (<i>Taphroborus</i>), <i>Cyrtogenius</i>	569
<i>valens</i> LeConte , <i>Dendroctonus</i>	183	<i>regrandis</i> Bright , <i>Pityophthorus</i>	1032
<i>valens</i> Sampson, <i>Hypothenemus</i> (= <i>birmanus</i>)	910	<i>relatus</i> (Sampson) , (<i>Xyleborus</i>), <i>Euwallacea</i>	694
<i>validicornis</i> Schedl , (<i>Xyleborus</i>), <i>Xyleborinus</i> (= <i>artelineatus</i>)	805	<i>relatus</i> Schedl , <i>Gnathotrupes</i>	1042
<i>validus</i> (Eichhoff) , (<i>Xyleborus</i>), <i>Euwallacea</i>	694	<i>relutinus</i> (Wood) , (<i>Paracorthyus</i>), <i>Metacorthyus</i>	1065
<i>validus</i> Blandford , <i>Hypothenemus</i> (= <i>erectus</i>)	918	<i>relutinus</i> Wood , <i>Dryocoetoides</i>	659
<i>validus</i> valens Sampson, <i>Hypothenemus</i> (=<i>birmanus</i>)	910	<i>relutinus</i> Wood , <i>Pityoborus</i>	969
<i>vallatus</i> Wood , <i>Pseudothysanoes</i>	418	<i>renezeuleensis</i> (Schedl) , (<i>Phloeophthorus</i>), <i>Phloeotribus</i>	235
<i>vallidum</i> (Ferrari) , (<i>Corthyus</i>), <i>Monarthrum</i>	1063	<i>renezeuleensis</i> Schedl , <i>Pityophthorus</i>	1033
<i>vancouveri</i> Swaine , <i>Ips</i> (= <i>montanus</i>)	513	<i>rentralis</i> LeConte , <i>Scolytus</i>	380
<i>vandykei</i> Bruck , <i>Carpoborus</i>	310	<i>rentralis</i> Sharp, <i>Pachycoetes</i> (= <i>peregrinus</i>)	157
<i>vandykei</i> Swaine , <i>Phloeosinus</i>	258	<i>rentrosus</i> Scheyvrew , <i>Scolytus</i>	382
<i>vavrynae</i> Browne , <i>Xyleborus</i>	780	<i>renturina</i> Hopkins, (<i>Xyloleptes</i>), <i>Dendrocranius</i> (= <i>cueurbitae</i>)	551
<i>variabilis</i> (Beeson) , (<i>Thamurgides</i>), <i>Coccotrypes</i>	614	<i>renustulus</i> Schedl , <i>Xyleborus</i>	780
<i>variabilis</i> (Browne) , (<i>Mimips</i>), <i>Acanthotomicus</i>	454	<i>renustulus</i> Wood , <i>Scolytodes</i>	400
<i>variabilis</i> Schedl , <i>Xyleborus</i> (= <i>carabicus</i>)	717	<i>renustus</i> Blackman , <i>Pityophthorus</i>	1033
<i>variabilis</i> Sokanovskii, <i>Scolytus</i> (= <i>scolytus</i>)	371	<i>renustus</i> Schedl , (<i>Thyluxos</i>), <i>Corthyus</i>	1081
<i>variabilis</i> Wood , <i>Chramesus</i>	270	<i>renustus</i> Schedl , <i>Psilopodius</i>	900
<i>varians</i> (Fabricius) , (<i>Bostrichus</i>), <i>Taurodemus</i>	786	<i>renustus</i> Wood , <i>Scolytodes</i>	400
		<i>verax</i> Schedl , (<i>Xyleborus</i>), <i>Amasa</i> (= <i>schlichii</i>)	654
		<i>verdicus</i> Wood , <i>Pseudothysanoes</i>	418
		<i>renuculum</i> (Schedl) , (<i>Pterocyclon</i>), <i>Monarthrum</i>	1064

- vernaculus* (Schedl) (*Brachyspartus*),
Corthyllocurus 1069
- vernaculus* Schedl, *Xyleborus* 750
- verrucifrons* Tsai & Yin, *Polygraphus* 301
- verrucosus* Wood, *Dryocoetoides* 659
- verrucosus* Wood, *Hyllocurus* 425
- versicolor* (Sampson), (*Xyleborus*), *Aniasa* 685
- versicolor* Wood, *Chaetoptelius* 104
- verticillus* Wood, *Pseudothysanoes* 415
- rescula* Wood, *Micracisella* 431
- resculus* Wood, *Araptus* 962
- resculus* Wood, *Hypothenemus* 946
- resculus* Wood, *Phloeotribus* 235
- resculus* Wood, *Pityophthorus* 1033
- resculus* Wood, *Pseudothysanoes* 415
- resculus* Wood, *Scolytodes* 400
- rescus* Wood, *Microcorthyus* 1067
- resporarius* (Schedl), (*Xyleborus*), *Coptoborus* 665
- vesporarius* Hagedorn, *Ambrosiodinus* (= *desectus*) 672
- respertinus* Bright, *Pityophthorus* 1033
- restigator* (Schedl), (*Xyleborus*), *Cryptoxyleborus* 529
- restitum* Wollaston, *Aphanarthrum* (= *bicinctum*) 617
- restitus* (Eggers), (*Loganius*), *Cnemomyx* 315
- restitus* (Eggers), (*Problechilus*), *Scolytodes* 400
- restitus* (Mulsant & Rey), (*Hylesinus*),
Chaetoptelius 104
- restitus* Blandford, *Cryphalus* 897
- restitus* Broun, *Dendrotrupes* (= *costiceps*) 106
- restitus* Eggers, *Cnesinus* 212
- restitus* Eggers, *Phloeotribus* 235
- restitus* Schedl, *Xyleborus* (= *adusticollis*) 706
- rexans* (Schedl), (*Xyleborus*), *Dryocoetoides* 659
- rexator* (Browne), (*Spongotarsus*), *Polygraphus* 302
- rexator* Reitter, *Scolytus* (= *koltzei*) 335
- rexator* Schedl, *Cnesinus* 212
- rianai* Schedl, (*Conophthoeranus*),
Spermophthorus (= *apuleiae*) 971
- rianai* Schedl, *Cnemomyx* (= *flavicornis*) 315
- rianai* Schedl, *Hyllocurus* 425
- rianai* Schedl, *Hypothenemus* (= *eruditus*) 925
- rianai* Schedl, *Pseudochramesus* 262
- riaticus* Schedl, *Xyleborus* 750
- riburni* Eggers, *Cryphalus* (= *riburni* Stark) 595
- riburni* Stark, *Cryphalus* 597
- vicarius* Beeson, (*Thammurgides*), *Coccotrypes*
 (= *adrena*) 593
- vicarius* Eichhoff, *Xyleborus* (= *pfeili*) 763
- ricinalis* Wood, *Dendrocranulus* 554
- ricinon* (Schedl), (*Pterocyclon*), *Monarthrum* 1064
- ricinus* (Eggers), (*Prionosecles*), *Scolytodes* 400
- vicinus* Comolli, (*Hylesinus*), *Kissophagus*
 (= *hederae*) 65
- ricinus* Eichhoff, *Xyleborus* 750
- vicinus* LeConte, (*Xyleborus*), *Orthotomicus*
 (= *caelatus*) 469
- ricinus* Wood, *Dendrocranulus* 554
- ricinus* Wood, *Microcorthyus* 1067
- victoris* Mulsant & Rey, (*Bostrichus*), *Dryocoetes*
 (= *autographus*) 575
- viluus* Eichhoff, *Xyleborus* 750
- vietnamensis* Schedl, *Polygraphus* 302
- vigilans* (Schedl), (*Xyleborus*), *Cyclorhpidion* 704
- vilis* (Blandford), (*Phloeosinus*), *Hyledius* 261
- villiersi* (Lepesme), (*Thammurgus*), *Dendrochilus* 435
- villiersi* Schedl, *Trietennus* 541
- villifer* Wood, *Corthylus* 1051
- villifrons* (Dufour), (*Bostrichus*), *Taphrorhynchus* 560
- villifrons* Wood, *Hyllocurus* 429
- villosulus* (Blandford), (*Xyleborus*), *Theoborus* 661
- villosulus* Lacordaire, *Phloeotribus* (= sp.?) 215
- villosus* (Fabricius), (*Bostrichus*), *Dryocoetes* 586
- villosus* Eggers, *Corthylus* 1050
- villosus* Herbst, *Dryocoetes* (= *autographus*) 576
- villosus* Ratzeburg, (*Bostrichus*), *Xyleborus*
 (= *cryptographus*) 722
- villosus* Schedl, (*Xyleborus*), *Theoborus*
 (= *rillosulus*) 662
- villosus* Schedl, *Pachycotes* 155
- villosus minor* Eggers, *Dryocoetes* (= *rillosus*) 586
- villosus starbani* Reitter, *Dryocoetes* (= *rillosus*) 586
- villus* Bright, *Corthylus* 1051
- vinialis* Bright, *Pityophthorus* 1033
- vinealis* Bright, (*Neodryocoetes*), *Araptus*
 (= *tabogae*) 962
- vinealis* Wood, *Chramesus* 270
- vinealis* Wood, *Dendrocranulus* 554
- vinulus* Wood, *Araptus* 963
- vinogradoti* (Semenov), (*Phloeophthorus*),
Phloeotribus (= *rhododactylus*) 230
- virentis* Hopkins, (*Stephanoderes*), *Hypothenemus*
 (= *seriatus*) 942
- virgatus* Bright, *Scolytus* 352
- virginianae* Hopkins, *Conophthorus* (= *resenosae*) 967
- virilis* Blackman, *Pityophthorus* 1033
- virilis* Wood, *Pseudopityophthorus* 976
- viriosa* Wood, *Phrixosoma* 190
- virtus* Schedl, *Pityophthorus* 1033
- viruensis* Browne, *Xyleborus* 750
- riscicolens* Wood, *Pseudothysanoes* 415
- riscivorus* Wood, *Pseudothysanoes* 415
- rismiacleus* Wood, *Cnemomyx* 315
- rismiae* Eggers, (*Loganius*), *Cnemomyx*
 (= *minusculus*) 317
- rismiae* Wood, *Xyleborus* 750
- Vitaderes* Beeson (= *Cosmoderes*) 901
- ritei* Wood, *Dendroctonus* 156
- ritiensis* Browne, *Cryphalus* 597
- ritiosus* Schedl, *Xyleborus* (= *adelographus*) 706
- ritiosus* Wood, *Chramesus* 270
- ritis* Browne, *Hypothenemus* 946
- ritatum* (Blandford), (*Pterocyclon*), *Monarthrum* 1064
- rittatus* (Fabricius), (*Bostrichus*), *Pteleobius* 70
- rittatus* Eggers, *Strombophorus* 204
- rittatus* Schedl, *Xylechinus* 119

<i>rittifrons</i> Blandford, <i>Dendrosinus</i>	237	<i>woodi</i> Schedl. (<i>Xyleborus</i>), <i>Ambrosiodinus</i> (= <i>derexulus</i>)	673
<i>rittiger</i> Eichhoff, <i>Trypodendron</i> (= <i>lineatum</i>)	643	<i>woodi</i> Thatcher, <i>Ips</i>	538
<i>ritulus</i> Wood, <i>Micracis</i>	434	° <i>worthini</i> Seudder, (<i>Polygraphus</i>), not <i>Scolytidae</i>	254
<i>roavrotrae</i> (Schedl), (<i>Xyleborus</i>), <i>Eucallacea</i>	695	<i>xalapae</i> Atkinson, <i>Chramesus</i>	270
<i>rolastos</i> (Schedl), (<i>Thamnopternus</i>), <i>Araptus</i>	963	<i>xalapae</i> Wood, <i>Pseudopityophthorus</i>	976
<i>rolcanus</i> Wood, <i>Scolytodes</i>	400	<i>xalapensis</i> Wood, <i>Monarthrum</i>	1064
<i>volustus</i> Eggers, <i>Dendrocrambus</i> (=sp ²)	550	<i>xanthophloae</i> (Schedl), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	946
<i>rolvulum</i> (Eichhoff), (<i>Pterocyclon</i>), <i>Monarthrum</i>	1064	<i>xanthophloae</i> Schedl, <i>Lanurgus</i>	409
<i>rolvulus</i> (Fabricius), (<i>Bostrichus</i>), <i>Xyleborus</i>	750	<i>xanthophylli</i> (Browne), (<i>Phloeosinus</i>), <i>Hyleidius</i>	261
<i>rolvulus</i> Schedl, <i>Pityophthorus</i>	1033	<i>xanthophyllus</i> Schedl, <i>Xyleborus</i>	753
<i>rorontzowi</i> (Jacobson), (<i>Tomicus</i>), <i>Pityokteinus</i>	466	<i>xanthopus</i> (Eichhoff), (<i>Xyleborus</i>), <i>Eucallacea</i>	695
<i>rrydaghi</i> (Numberg), (<i>Apoglostatus</i>), <i>Glostatus</i>	536	<i>xanthopus</i> Dejean, (<i>Bostrichus</i>), <i>Eucallacea</i> (= <i>xanthopus</i> Eichhoff)	696
<i>rrydaghi</i> Numberg, <i>Pityophthorus</i>	1033	<i>xaverti</i> Reitter, <i>Polygraphus</i> (= <i>subopacus</i>)	300
<i>rulcanus</i> Perkins, <i>Xyleborus</i>	753	<i>Xyleborus</i> Schedl (= <i>Webbia</i>)	829
<i>rulgaris</i> (Eggers), (<i>Dendrognus</i>), <i>Coccotrypes</i>	614	<i>Xenophthorus</i> Wood & Yin (= <i>Pseudopityophthorus</i>)	971
<i>rulgaris</i> Schanfuss, (<i>Stephanoderes</i>), <i>Hypothenemus</i> (= <i>seriatus</i>)	941	<i>Xestips</i> Hagedorn (= <i>Xylocleptes</i>)	547
<i>rulgaris</i> Wood, <i>Stegomerus</i>	552	<i>Xylebori</i> LeConte (= <i>Xyleborini</i>)	651
<i>culpina</i> (Schedl), (<i>Xyleborus</i>), <i>Schedlia</i>	822	<i>Xyleboricus</i> Eggers (= <i>Arxyleborus</i>)	665
<i>wachtli</i> Reitter, <i>Hylesinus</i>	89	<i>Xyleboridae</i> LeConte (= <i>Xyleborini</i>)	651
<i>wadaui</i> Murayama, <i>Pseudohyorrhynchus</i>	192	<i>Xyleborinae</i> LeConte (= <i>Xyleborini</i>)	651
<i>wakayamensis</i> Nobuchi, <i>Xyleborus</i>	353	<i>Xyleborina</i> LeConte (= <i>Xyleborini</i>)	651
<i>walkeri</i> (Blandford), (<i>Cryptarthrum</i>), <i>Cryphalus</i>	898	<i>Xyleborini</i> Leconte	651
<i>wallacei</i> (Blandford), (<i>Hylesinus</i>), <i>Ficicis</i>	92	<i>Xyleborinus</i> Reitter	803
<i>wallacei</i> (Blandford), (<i>Xyleborus</i>), <i>Eucallacea</i>	695	<i>Xyleboripsis</i> Reitter (= <i>Xyleborus</i>)	704
<i>wallacei</i> molororus Schedl, (<i>Xyleborus</i>), <i>Eucallacea</i> (= <i>wallacei</i>)	695	<i>Xyleborites</i> Wickham	1082
<i>wapleri</i> Eichhoff, <i>Cryphalus</i>	898	<i>Xyleborus</i> Eichhoff	704
<i>waringi</i> Curtis, (<i>Bostrichus</i>), <i>Trypodendron</i> (= <i>signatum</i>)	647	<i>Xylechinides</i> Nusslin (= <i>Tomicini</i>)	103
<i>watsoni</i> Schedl, <i>Pityophthorus</i> (= <i>murrayanae</i>)	1014	<i>Xylechinites</i> Hagedorn	1082
<i>webbi</i> Blackman, <i>Hylastes</i> (= <i>porculus</i>)	61	<i>Xylechinops</i> Browne (= <i>Xylechinus</i>)	114
<i>webbi</i> Hopkins, <i>Hypothenemus</i> (= <i>eruditus</i>)	922	<i>Xylechinosomes</i> Schedl	104
<i>webbi</i> Hopkins, <i>Xyleborus</i> (= <i>subcostatus</i>)	776	<i>Xylechinus</i> Chapuis	114
<i>Webbia</i> Hopkins	829	<i>Xylochilus</i> Schedl (= <i>Dendroterus</i>)	950
<i>Webbinae</i> Hopkins (= <i>Xyleborini</i>)	651	<i>Xylocleptes</i> Ferrari	547
<i>whitfordi</i> endrus Schedl, (<i>Xyleborus</i>), <i>Eucallacea</i> (= <i>fornicatus</i>)	690	<i>xylocranellus</i> Schedl, (<i>Xyleborus</i>), <i>Prennobius</i> (= <i>caripennis</i>)	652
<i>whitteni</i> Beeson, <i>Xyleborus</i> (= <i>perforans</i>)	761	<i>Xylocryptus</i> Schedl (= <i>Scolytogenes</i>)	858
<i>wickhami</i> Blackman, <i>Scolytus</i> (= <i>reflexus</i>)	364	<i>Xyloctonidae</i> Eichhoff (= <i>Xyloctonini</i>)	835
<i>wickhami</i> Hopkins, <i>Dendroctonus</i> (= <i>rufipennis</i>)	173	<i>Xyloctoninae</i> Eichhoff (= <i>Xyloctonini</i>)	835
<i>widdringtoniae</i> Schedl, <i>Lanurgus</i>	409	<i>Xyloctonini</i> Eichhoff	835
<i>wieskanderi</i> Swaine, <i>Ips</i> (= <i>mexicanus</i>)	512	<i>xyloctonoides</i> Schedl , <i>Coriacepithus</i>	854
<i>wilderi</i> (Beeson), (<i>Xyleborus</i>), <i>Ambrosiodinus</i>	681	<i>xyloctonus</i> (Schedl) , (<i>Ctonocryphus</i>), <i>Glostatus</i>	836
<i>willei</i> Schedl, <i>Phloeotribus</i>	235	<i>Xyloctonus</i> Eichhoff	840
<i>winkleri</i> (Reitter), (<i>Stephanoderes</i>), <i>Hypothenemus</i>	946	<i>Xylogopinus</i> Schedl (= <i>Hylurdretonus</i>)	186
<i>wisteriae</i> Wood, <i>Chramesus</i>	270	<i>xylographus</i> (Say) , (<i>Bostrichus</i>), <i>Xyleborus</i>	783
<i>wittei</i> Eggers, <i>Thamurgus</i>	546	<i>xylographus</i> Sahlberg, (<i>Bostrichus</i>), <i>Pityogenes</i> (= <i>chalcographus</i>)	451
° <i>wolffi</i> (Schedl), (<i>Phloeosinities</i>), <i>Phloeosinus</i>	259	<i>xylographus</i> Schedl , <i>Lanurgus</i>	409
<i>wollastoni</i> (Eichhoff), (<i>Crypturgus</i>), <i>Cisurgus</i>	630	<i>xylophagus</i> Blackman , <i>Thysanoes</i>	421
<i>wollastoni</i> Israelson, <i>Aphanarthrum</i>	620	<i>xylophagus</i> Wood , <i>Chramesus</i>	270
<i>woodi</i> Bright, <i>Phloeosinus</i> (= <i>hoppingi</i>)	248	<i>Xylosandrus</i> Reitter	787
<i>woodi</i> Bright, <i>Pityophthorus</i>	1033	<i>Xyloteri</i> Lindemann (= <i>Xyloterini</i>)	632
<i>woodi</i> Browne, <i>Scolytominus</i>	840	<i>Xyloteridae</i> Lindemann (= <i>Xyloterini</i>)	632
		<i>Xyloterinae</i> Lindemann (= <i>Xyloterini</i>)	632
		<i>Xyloterini</i> Lindemann	632

<i>Xyloterina</i> Lindemann (=Xyloterini)	632	<i>zapotceus</i> Bright, <i>Cnesinus</i> (= <i>elegantis</i>)	208
<i>Xyloterinus</i> Swaine	649	<i>zeae</i> Eggers, <i>Pagiocerus</i> (= <i>frontalis</i>)	214
Xyloterioidea Lindemann (=Xyloterini)	632	<i>zeae</i> Schedl, (<i>Stephanoderes</i>), <i>Hypothecenus</i> (= <i>californicus</i>)	912
<i>xyloteroides</i> Eggers , <i>Xyleborus</i>	755	<i>zealandicus</i> Wood , <i>Dendrotrupes</i>	106
<i>Xyloterus</i> Erichson, <i>Trypodendron</i>	632	<i>zelus</i> Wood , <i>Cortylus</i>	1051
<i>xylotrupes</i> (Eichhoff) , (<i>Pityophthorus</i>), <i>Araptus</i>	963	<i>zeteki</i> Blackman, <i>Pityophthorus</i> (= <i>subcristatus</i>)	1030
<i>xylotrupes</i> Schedl , <i>Xyleborus</i>	755	<i>zexmenirora</i> Bright , <i>Pityophthorus</i>	1033
<i>yablonianus</i> Murayama , <i>Scolytus</i>	352	<i>zeylanicus</i> Wood , <i>Acacis</i>	194
<i>yakushmanus</i> (Murayama) , (<i>Xyleborus</i>), <i>Arixyleborus</i>	669	<i>zhobi</i> (Stebbing) , (<i>Phlocosinus</i>), <i>Carphoborus</i>	310
<i>yamaguchii</i> Inouye & Nobuchi , <i>Cryphalus</i>	595	<i>zhungdianensis</i> Tsai & Yin , <i>Polygraphus</i>	302
<i>yasamatsui</i> Nobuchi, <i>Pseudohylesinus</i> (= <i>sericeus</i>)	113	<i>zicsii</i> (Schedl) , (<i>Xyleborus</i>), <i>Eucallacca</i>	697
<i>yarapuii</i> Blackman , <i>Pseudopityophthorus</i>	976	<i>zimmermani</i> Schedl , <i>Cryphalus</i>	595
<i>yohoensis</i> Swaine, <i>Ips</i> (= <i>tridens engelmanni</i>)	525	<i>zimmermani</i> Schedl, <i>Ptilopodius</i> (= <i>marquesanus</i>)	900
<i>yuccae</i> (Wood) , (<i>Cryptocleptes</i>), <i>Pseudothysanoes</i>	415	<i>zimmermanni</i> (Hopkins) , (<i>Anisandrus</i>), <i>Xylosandrus</i>	501
<i>yuccarorus</i> Wood , <i>Pseudothysanoes</i>	419	<i>zimmermanni</i> Wickham, (<i>Phloeotribus</i>) Cureulionidae	215
<i>yukonis</i> Fall, <i>Hylastes</i> (= <i>nigrinus</i>)	57	<i>zonalis</i> Bright , <i>Pityophthorus</i>	1033
<i>yunnanensis</i> Tsai & Yin , <i>Sphaerotrypes</i>	202	<i>zonatus</i> Eichhoff , <i>Gymnochilus</i>	357
<i>zachvatkini</i> (Krivolutskaia) , (<i>Ecoryphalus</i>), <i>Ernoporicus</i>	552	<i>zukevalae</i> Scott , <i>Thamirgus</i>	546
<i>zaitzeri</i> Butovitsch , <i>Scolytus</i>	352	<i>Zyghophloeus</i> Schedl	271
<i>zambianus</i> Beaver , <i>Polygraphus</i>	302		



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