GREAT BASIN NATURALIST MEMOIRS
Number 13 Brigham Young University 1992

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

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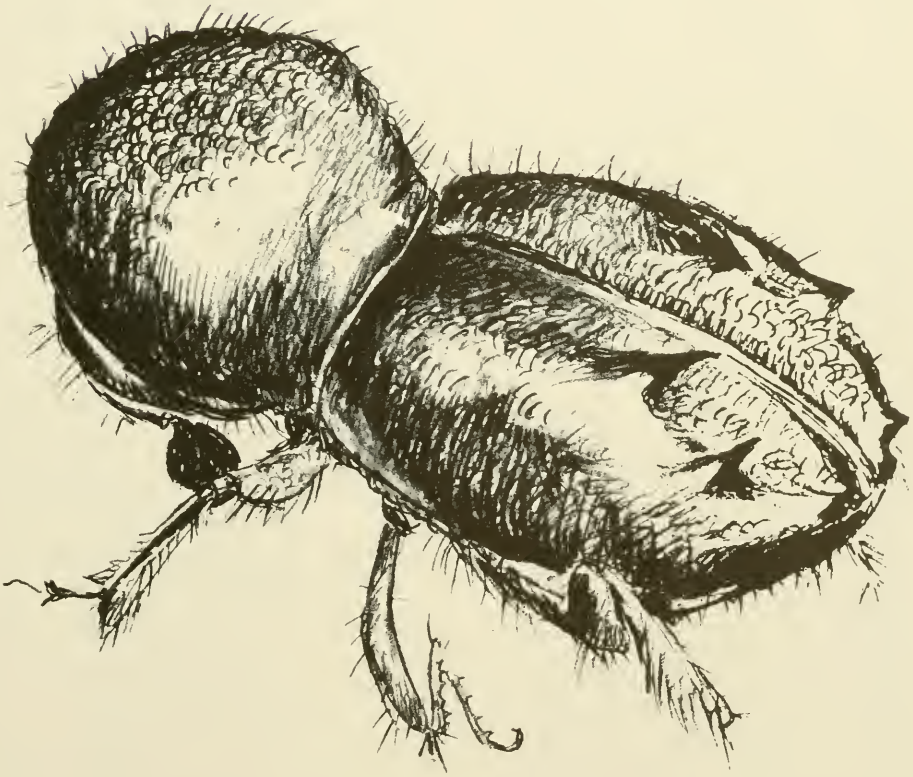
# A Catalog of Scolytidae and Platypodidae (Coleoptera), Part 2: Taxonomic Index Volume B



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Part 2, Volume B


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## Tribe Xyloctonini Eichhoff

Xyloctonidae
References: Eichhoff 1878b: 171.

Xyloctoninae
References: Hopkins 1915c: 224.

Xyloctonini
References: Wood, S. L. 1978a: 114, 1982b: 63, 1986a: 84–85.

### Genus *Cryphalomimus* Eggers

CRYPHALOMIMUS EGGERS 1927a: 174. Type-species: *Cryphalomimus striatus* Eggers, monobasic.
References: (**ay**) Nobuchi 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* Nunberg** 1952: 23. Holotype, sex?; Repub. of the Congo: Garamba Nat. Park; Inst. Parcs Nationaux du Congo Collection.
Distribution: Africa (Zaire).
References: (**ds**) Nunberg 1952: 23. (**tx**) Nunberg 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 (Muansa); Methner 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, monobacic. Synonymy: Schedl 1964m: 305.
References: (**tx**) Schedl 1957b: 155, 1961k: 642, 1964m: 305.

*Paraglostatus* Schedl 1964m: 304. Type-species: *Ctonocryphus nigrivestis* Schedl, original designation. Synonymy: Wood 1984b: 225.
References: (**tx**) Schedl 1964m: 304; Wood, S. L. 1984b: 225.

*Rhopalocryphus* Nunberg 1967: 320. Type-species: *Rhopalocryphus seydeli* Nunberg, monobasic. Synonymy: Schedl 1980d: 117.
References: (**tx**) Nunberg 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: 638–639, 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: 871. Holotype, sex?; Kenya, Jilore; BMNH, London.
Distribution: Africa (Kenya).
References: (**ds**) Browne 1973a: 279; Schedl 1961k: 640. (**tx**) Powell, W. 1980: 29; Schedl 1957e: 871, 1958a: 558, 1959q: 705, 1961k: 640, 1979c: 29.

***bispinosus* Beaver** 1985: 77. Holotype ♂; Zambia: Kitwe, Chati; BMNH, London.
Distribution: Africa (Zambia).
References: (**hb**) Loyttyniemi, Beaver, & Loyttyniemi 1984. (**tx**) Beaver 1985: 77.

***carinifer* Schedl** 1957e: 871. Holotype, sex?; Tanganyika, Lushoto; BMNH, London.
Distribution: Africa (Tanzania).
Hosts: *Gologolo* sp., *Syzygium* sp.
References: (**ds**) Schedl 1961k: 640. (**tx**) Schedl 1957e: 871, 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?; Zululand: Eshowe; Schedl Collection in NHMW, Wien.
Distribution: Africa (South Africa).
References: (**ds**) Schedl 1962k: 1072, 1965h: 111, 1975k: 277.

***gracilior* (Schedl)** 1957e: 872 (*Apoglostatus*). Holotype, sex?; Shagai, Tanganyika; BMNH, London.
Distribution: Africa (Tanzania).
Notes: (1) Schedl 1964m: 305 (to *Glostatus*).
References: (**tx**) Schedl 1957e: 872, 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, Foret de Nairobi, 1700 m; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 132.
Distribution: Africa (Kenya).
References: (**tx**) Schedl 1957b: 150, 154, 1957e: 871, 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: 873 (*Ctonocryphus*). Holotype, sex?; Kenya, Kilifi; BMNH, London.
Distribution: Africa (Kenya/ Zambia).
Hosts: *Julbernardia paniculata*.
Notes: (1) Schedl 1964m: 305 (to *Glostatus*).
References: (**hb**) Loyttyniemi, Beaver, & Loyttyniemi 1984. (**ds**) Beaver & Loyttyniemi 1985a: 78. (**tx**) Schedl 1957e: 873, 1961k: 638, 1964m: 305, 1979c: 161.

***nigrivestis* (Schedl)** 1957e: 873 (*Ctonocryphus*). Holotype, sex?; Tanganyika, Ngorogoro; BMNH, London.
Distribution: Africa (Tanzania).
Notes: (1) Schedl 1964m: 305 (to *Paraglostatus*, =*Glostatus*).
References: (**tx**) Schedl 1957e: 873, 1961k: 638, 1964m: 305, 1979c: 167–168.

***perplexus* Schedl** 1982: 281. Holotype, sex?; Cape Province, South Africa; Schedl Collection in NHMW, Wien.
Distribution: Africa (South Africa).
References: (**tx**) Schedl 1982: 281.

***pondoanus* Schedl** 1958a: 558. Holotype, sex?; South Africa: Pondoland, Port St. John; BMNH, London.
Distribution: Africa (South Africa).
References: (**tx**) Schedl 1958a: 558, 1961k: 642, 1979c: 197.

***seydeli* (Nunberg)** 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 1984. (**ds**) Beaver & Loyttyniemi 1985a: 76. (**tx**) Nunberg 1967a: 336–337, 1967b: 321; Wood, S. L. 1986a: 85.

***spinicarinatus* Beaver** *in* Beaver & Loyttyniemi 1985a: 78. Holotype ♂; Zambia: Chati, Kitwe; BMNH, London.
Distribution: Africa (Zaire).
References: (**hb**) Loyttyniemi, Beaver, & Loyttyniemi 1984. (**tx**) Beaver & Loyttyniemi 1985a: 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* (Nunberg)** 1973: 10 (*Apoglostatus*). Holotype, sex?; north Ruwenzora, Kalonge, Zaire; MRCB, Tervuren.
Distribution: Africa (Zaire).
References: (**tx**) Nunberg 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 1939i: 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. *staudtii*.
References: (**ec**) Schedl 1961k: 426. (**hb**) Schedl 1961k: 426. (**ds**) Schedl 1961k: 426, 1982: 280. (**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: *Bosqueia 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; Strohmeyer 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*, *Tripoochiton scleroxylon*.
Notes: (1) Eggers 1920: 38 (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; Nunberg 1952: 17, 1965b: 17; Schedl 1961k: 431, 1964j: 40, 1965e: 351, 1965f: 4, 1965g: 19, 1966a: 275. (**tx**) Aulmann 1911: 411; Eggers 1920: 38, 1922b: 170; Hagedorn 1910a: 137, 1910b: 4; Nunberg 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?; Mkulumusiberg (1000 m), bei Sigi in Ostafrika; 1 in Eggers Collection, in NHMW, Wien.
References: (**ec**) 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: 38; 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, Mulungu; 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. Ostafrica (Mulange); USNM, Washington.
Distribution: Africa (Ghana/ Ivory Coast/ Kenya/ Tanzania), Madagascar.
References: (**ds**) Schedl 1972e: 280, 1977b: 36, 1977d: 278, 1982: 281. (**tx**) Anderson, W. H. & Anderson 1971: 18; Eggers 1935c: 308, 1940c: 236; Nunberg 1969: 380; 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: 438, 1962k: 1067, 1965g: 19.

***montanum* Eggers** 1922b: 170. Holotype ♀; Buea, Kamerun; USNM, Washington.
Distribution: Africa (Cameroon).
References: (**tx**) Anderson, W. H. & Anderson 1971: 21; Eggers 1922b: 170, 1935c: 308; Schedl 1961k: 438.

***nodosum* Eggers** 1940c: 236. Holotype, sex?; Congostaat: Mongbwalu (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: 438, 1962k: 1067, 1965f: 4.

***pygmaeum* Eggers** 1920: 39. Syntypes, sex?; Soppo in Kamerun, 800 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: 198; 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: 870, 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: 38, 1954d: 870, 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 *Scolytominus* Blandford

SCOLYTOMIMUS BLANDFORD 1895a: 319. Type-species: *Scolytominus 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.

*Scolytocleptes* Schedl 1962q: 490. Type-species: *Scolytominus maculatus* Beeson, original designation. Synonymy: Browne 1970: 557.
References: (**tx**) Browne 1970: 557; Schedl 1962q: 490.

Keys: Browne 1958a: 487.
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 NHMW, Wien.
Distribution: Asia (Bangladesh/ Assam and Bahar in India/ Sri Lanka), Indonesia (Sarawak in Borneo).
Hosts: *Bassia latifolia, B. butyraces, Bauhinia tomentosa, Camellia sinensis, Dichopsis polyantha, Isonandra polyantha, Palaquium pseudorostratum*.
References: (**cn**) Mathur & Singh 1960b: 73. (**ds**) Mathew 1981, 1987: 188; Mathur & Singh 1960b: 73; Schedl 1962p: 203. (**tx**) Schedl 1951i: 54, 1962p: 203, 1979c: 29.

*bassiae* Schedl 1951i: 54. Holotype, sex?; Indien, Bahar, Balaghat; Schedl Collection in NHMW, Wien. Synonymy: Wood 1992:(in press).
References: (**ds**) Bhasin, Roonwal, & Singh 1958. (**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, Bogawantalawa; 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: (**ec**) Roberts 1976: 382. (**hb**) Beaver 1976b: 536; Roberts 1976: 382. (**ds**) Beaver 1976b: 532; Beeson 1938b: 290; Browne 1974a: 65, 1980c: 484, 1981b: 598, 1984a: 151; Ohno et al. 1987: 87; Roberts 1976: 382. (**tx**) Beeson 1929: 223; Browne 1970: 557; Schedl 1950f: 36, 1951i: 53, 1951k: 132, 1962q: 490, 1979c: 144; Wood, S. L. 1960a: 18.

***mimusopis* 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 mimusopis* Beeson, nomen nudum).
References: (**tx**) Wood, S. L. 1988c: 200.

***philippinensis* (Eggers)** 1923: 143 (*Neoxyloctonus*). Syntypes, sex?; Butuan auf Mindanao, Philippines; SMTD, Dresden.
Distribution: Australia, Philippine Islands (Mindanao).
Hosts: *Palmetia 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, Kolambugan; 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 maingayi, 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: 487. Holotype, sex?; Malaya: Selangor, Kepong; BMNH, London. Synonymy: Schedl 1962p: 203.
References: (**ds**) Browne 1961c: 81. (**tx**) Browne 1958: 487, 1961c: 81; Schedl 1962p: 203.

*insularis* Schedl 1962q: 491 (*Scolytocleptes*). Holotype, sex?; Andaman Islands; Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 175.
Notes: (1) Browne 1970: 557 (to *Scolytominus*). (3) Beeson 1941: 295 (*insularis*, nomen nudum).
References: (**ds**) Beeson 1961: 295. (**tx**) Browne 1958a: 491, 1970: 557; Schedl 1951i: 53, 1955b: 287, 1962q: 491, 1979c: 126; Wood, S. L. 1989: 175.

***quadridens* Wood** 1988c: 200. Holotype ♂; New Guinea (NE), Huron Peninsula, Finschafen; Wood Collection.
Distribution: New Guinea.
References: (**tx**) Wood, S. L. 1988c: 200–201.

***rectus* Wood** 1988c: 201. Holotype ♂; 40 km NE Polonnaruwa, Pol. Distr., Sri Lanka; USNM, Washington.
Distribution: Asia (Sri Lanka).
Hosts: *Manikara hexandra*.
References: (**tx**) Wood, S. L. 1988c: 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, monobasic.
Keys: Menier 1974: 658.
References: (**hb**) Schedl 1938d: 184, 1961k: 418, 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, 1878b: 338; Hagedorn 1904: 412, 1910a: 135–136, 1910b: 4; Hopkins 1914: 132, 135, 1915c: 226; Menier 1974: 653–666; Schedl 1939e: 340, 1939i: 380, 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 hildebrandti*.
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 (Kundelungus); 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?; Abessinia (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 inerme*.
References: (**tx**) Schedl 1965g: 19, 1965h: 113, 1979c: 114.

***mauritianus* 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: Ihembe; MRCB, Tervuren.
Distribution: Africa (Ruanda in Zaire).
Hosts: *Chrysophyllum boivinianum*.
References: (**ec**) 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 1965e: 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: 387. Holotype, sex?; Usambara; Schedl Collection in NHMW, 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: 387, 1954e: 49, 1957d: 43, 1961k: 422, 1979c: 208.

***quadridens*** **Schedl** 1953d: 77. Lectotype ♂; Madagascar, Mt. d'Ambre; MNHN, Paris, designated by Menier 1974: 665.
Distribution: Madagascar.
Hosts: *Filicium abreviatum*.
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, Illepe (Bassia) latifolia, Minusops caffra*.
References: (**cn**) Anonymous 1970c: 14. (**ec**) 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 1938d: 450, 1961k: 423, 1962h: 53, 1962k: 1066, 1964j: 40, 1972e: 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. Ostafrica (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, Moulima); MNHN, Paris.
Distribution: Africa (Mozambique).
Hosts: *Acacia* sp.
References: (**ds**) Schedl 1961k: 425. (**tx**) Eggers 1939a: 18; Schedl 1961k: 425, 1965e: 365, 1979c: 238.

***subcostatus*** **Eggers** 1939a: 15. Holotype, sex?; Deutsch Ost Africa (Bez. Tabora: Nguln); 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

Cryphaloideae
References: Lindemann 1876: 165.

Cryphalidae
References: Eichhoff 1878b: 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. 1978a: 114, 1982b: 69, 1986a: 85–93.

Cryphalina
References: Balachowsky 1949a: 200; Barbey 1901: 21; Beal & Massey 1945: 119; Bedel 1888b: 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 1878b: 34, 44, 137. Type-species: *Bostrichus binodulus* Ratzeburg, subsequent designation by Hopkins 1914: 122. Synonymy: Bedel 1888b: 397.
References: (**tx**) Balachowsky 1949a: 213; Eichhoff 1878b: 34, 44, 137; Goz 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 1938: 18; Fairmaire 1864: 121–127, 1868: 105; Hansen, V. 1955: 169–176; Hopkins 1914: 131–132, 1915b: 8, 36; Karaman 1972: 122; Klimesch 1913: 105–116, 1914: 213–219, 231–241; Kostin 1973: 253; Krivolutskaya 1956: 152; Numberg 1956: 141; Peyerimhoff 1935: 194–195; Pfeffer 1989a: 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; Stresemann et al. 1989: 353; Swaine 1918a: 45, 90; Trappen 1935: 142; Wood, S. L. 1954a: 988, 1967a: 122, 1982b: 850, 1986a: 89. (**ms**) Kangas 1969.

***alni* (Lindemann)** 1875a: 136 (*Cryphalus*). Syntypes, 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: *Alnus glutinosa*, *A. incana*.
References: (**ay**) Klimesch 1914: 218. (**bv**) Grune 1979: 99. (**cn**) Grandi 1951; Kontkanen 1932: 63; Koppen 1882: 252; Nestertschuk 1930: 176; Nusslin 1913: 291; Pierce, W. D. 1917: 12; Rhumbler 1922: 334, 1927: 351. (**ec**) Balazy & Michalski 1964b; Kangas 1942b; Kleine 1908c: 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; Klefbeck & 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; Nunberg 1954: 50; Nuorteva 1971; Palm 1956: 63; Pierce, W. D. 1917: 12; Pittioni 1943: 176; Postner 1974: 428; Reitter 1889a: 93, 1894a: 72; Schaufuss 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 1878b: 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; Numberg 1954: 50; Pfeffer 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; Sedlaczek 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; Schaufuss 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; Nestertschuk 1930: 176; Nusslin 1913: 291; Palm 1951: 231; Rhumbler 1922: 334, 1927: 351; Schwerdtfeger 1944a: 175, 1957a: 182; Wachtl 1901: 381. (**cc**) Brammanis 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; Kemner 1919: 175; Klimesch 1915: 11; Lengerken 1939: 63, 1954: 84; Munro 1926: 62; Nordlinger 1856: 29; Nosek 1959a: 118, 1959b: 86; Nunberg 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; Calwer 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; Gaubil 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; Kemner 1919: 175; Kestercanek 1881a: 12; Kleine 1912a: 263, 267, 1913a: 35, 1913b: 123, 1934a: 147; Kloft & 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; Nunberg 1928b: 88, 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 & Mequignon 1938: 445; Schaufuss 1915: 1233; Schaum 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; Duffy 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; Houlbert 1922a:pl. 1; Jacquelin du Val & Fairmaire 1868: 105; Karpinski & Strawinski 1948: 155; Klimesch 1913: 112–113, 1914: 231–241; Kuhnt 1913: 1055; Lacordaire 1866: 379; Letzner 1891: 375; Nordlinger 1856: 29; Nunberg 1954: 50, 1956c: 160, 168; Nusslin 1911a: 112; Perris 1877a: 415; Pfeffer 1932b: 18, 1942a: 15, 1955a: 186; 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; Spessivtsev 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*). Syntypes, 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; Nunberg 1928a: 140; Nusslin 1911a: 58, 89, 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 & Jorum 1977: 24; Bucking 1932; Hagedorn 1910d: 43; Hansen, V. 1956: 178, 1964: 462; Heyden, Reitter, & Weise 1906: 711; Horion 1960: 162; Jazentkovsky 1912: 288; Klefbeck & Sjoberg 1960: 230; Kleine 1912a: 263, 267, 1913b, 1934a: 146; Klimesch 1913: 106–116; Kozikowsky & 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; Nunberg 1928a: 140; Nusslin 1911a: 58, 89, 278, 337, 378; Reitter 1913a: 69; Schedl 1934f: 1639.

*spiculatus* Eggers 1927d: 122. Lectotype ♂; Klana (Krain); USNM, Washington, designated by Anderson & Anderson 1971: 30. Synonymy: 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; Balachowsky 1949a: 217; Eggers 1927d: 122; Grune 1979: 101; Nunberg 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?; Archangel [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 *deevi*.

References: (**hb**) Kurenzov & Kononov 1961: 600. (**ds**) Krivolutskaya 1983; Kurenzov & Kononov 1961: 595; Stark 1936e: 152; Yanovskii & Tegshzhargal 1985: 409; Zinovjev 1955: 187. (**tx**) Krivolutskaya 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. Syntypes 2, sex?; Baikalgebiet (Sajon), Siberia, USSR; Eggers Collection, both in NHMW, 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*). Syntypes, sex?; Passau, Linz, in Schweden; 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: 381. (**cc**) Balazy & Michalski 1960; Kleine 1908c; Krivolutskaya 1974; Krivosheina 1974; Michalski & Ratajczak 1989; Nosek 1959a: 118, 1959b: 86; Nusslin 1927: 351; Pfeffer 1923a: 331, 1928b: 2; Ruhm 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; Gyorfi 1957; Heeger 1866; Henschel 1895a: 170; Karpinski 1933b: 28; Karpinski & Strawinski 1948: 155; Klimesch 1915: 6; Kostin 1960: 132; Lengerken 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; Barthe 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: 181, 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; Negru 1965: 114, 1968c: 91; Nunberg 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; Schaufuss 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; Kuhnt 1913: 1056; Kurenzov 1941: 232; Lacordaire 1866: 379; Lucht 1987: 278; Nunberg 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; Spessivtsev 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**) Negru 1965: 114; Schilsky 1909: 188. (**tx**) Balachowsky 1949a: 216; Reitter 1908: 55, 1913a: 67; Schedl 1934f: 1639.

*bispinulus* Eggers 1927d: 121. Syntypes, sex?; Finland; 2 in Eggers Collection, in NHMW, Wien. Synonymy: Sokanovskii 1954: 17, Nunberg 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; Nunberg 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 ♂; Alai im Ferganagebiet (Russich-Turkestan); Eggers Collection, in NHMW, Wien.

Distribution: Asia (Turkestan in W USSR).

Hosts: *Elaeagnus* sp., *Populus diversifolia*, *P. pruinosa*, *P. suaveolens*, *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* Nunberg** 1956d: 208. Lectotype, sex?; Ussuri, USSR; ISBN, 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 *kurencovi;* corrected here to conform to Dr. Kurenzov's spelling of his own name.

References: (**tx**) Krivolutskaya 1983; Michalski 1969b: 568; Nobuchi 1985c: 11; Nunberg 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 1948b: 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, 1948b: 113; Michalski 1969a: 893, 1969b: 567; Nunberg 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 Nunberg 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: (**ec**) Kurenzov 1934a: 50. (**hb**) Kurenzov 1935a: 19, 30, 1948b: 113; Stark 1952: 282. (**ds**) Kurenzov 1934a: 50, 1935a: 19, 30; Stark 1936e: 152, 1952: 282. (**tx**) Kurenzov 1941a: 163–164, 1948b: 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: Krivolutskaya & Kupyanskaya 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. (**ec**) 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: 853. (**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; Krivolutskaya & Kupyanskaya 1970; Nobuchi 1966e: 414, pl. 2; Wood, S. L. 1972a: 414, 1982b: 853. (**tx**) Bright 1976d: 109; Chamberlin 1939: 323; Hopkins 1915b: 36–37; Wood, S. L. 1951a: 128, 1954a: 990, 993, 1972a: 414, 1982b: 853. (**ms**) Stewart, D. A., Booth, & Petty 1979.

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

Figures: Grune 1979: 98.

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

Hosts: *Alnus suaveolens, 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: 381. (**ec**) 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; Lengerken 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: 381. (**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; Nunberg 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; Nunberg 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 IPKE, 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: 186.

*rybinskii salicis* Stark 1952: 283. Syntypes, sex?; USSR; IZL, Leningrad, preoccupied by Hopkins 1915.

References: (**tx**) Stark 1952: 283.

***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, 1958: 131; Furniss, R. L. & Carolin 1977: 378; Keen 1934a: 147; Wood, S. L. 1972a: 414, 1982b: 852. (**tx**) Bright 1976d: 109; Chamberlin 1939: 323, 1958: 131; Hopkins 1915b: 36; Wood, S. L. 1953: 60, 1954a: 959, 979, 990–991, 1972a: 414, 1982b: 852.

*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 1918a: 90. (**hb**) Chamberlin 1939: 315; Schwarz 1894b: 255; Swaine 1918a: 90; Wood, S. L. 1954a: 996, 1982b: 851. (**ds**) Blatchley & Leng 1916: 606; Bright 1976d: 109; Chamberlin 1925, 1939: 315; Elias 1985: 39; Furniss, R. L. & Carolin 1977: 378; Gemminger & Harold 1872: 2683; Hagedorn 1910d: 45; Hamilton 1894c: 35; Henshaw 1885: 148; Kleine 1913b: 118, 1914b: 397, 1934a: 142; Lacordaire 1866: 379; Swaine 1909: 92; Wood, S. L. 1982b: 851. (**tx**) Blatchley & Leng 1916; Bright 1976d: 109, 202, 209; Chamberlin 1939: 315; Eichhoff 1878b: 147; Ferrari 1867a: 17; Hagedorn 1910a: 99; Hopkins 1915b: 33; Lacordaire 1866: 379; LeConte 1868: 177, 1876: 362; Mannerheim 1853: 235; Swaine 1909: 92–93, 1912a: 349, 1918a: 89–90; Wood, S. L. 1954a: 989–990, 996, 1969c: 115, 1973c: 186, 1982b: 851.

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

References: (**cn**) Swaine 1918a: 90. (**hb**) Chamberlin 1939: 323, 1958: 131; Swaine 1918a: 90; Wood, S. L. 1953: 57, 1954a: 990. (**ds**) Beaulne 1956; Blatchley & Leng 1916: 605; Chamberlin 1939: 323, 1958: 131; Dodge 1983; Kleine 1913b: 123, 1914b: 399, 1934a: 147; Wood, S. L. 1972a: 414. (**tx**) Blatchley & Leng 1916: 605; Bright 1967b: 679; Chamberlin 1939: 323, 1958: 131; Dodge 1938: 16, 39–40; Hoebeke 1978; de Ruette 1970: 114; Swaine 1912a: 349–350, 1918a: 90; Wood, S. L. 1953: 57, 1954a: 959, 990, 1969c: 115, 1972a: 414, 1973c: 186.

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

References: (**hb**) Chamberlin 1939: 323; Wood, S. L. 1953: 58. (**ds**) Chamberlin 1939: 323; Wood, S. L. 1948: 44, 1951a: 128. (**tx**) Chamberlin 1939: 323; Hopkins 1915b: 36–37; Wood, S. L. 1951a: 126, 1953: 58, 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: 389; Wood, S. L. 1982b: 854. (**tx**) Bright 1976d: 110; de Ruette 1970: 100; Wood, S. L. 1953: 66, 1954a: 990, 994, 1982b: 854.

***tremulae* Stark** 1952: 287. Lectotype, sex?; Crimea, USSR; IZL, Leningrad, designated by Michalski 1969a: 893.

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: 287. (**ds**) Grune 1979: 101; Pfeffer 1989a: 85; Postner 1974: 428; Stark 1952: 289. (**tx**) Grune 1979: 101; Michalski 1969b: 568, 1969a: 893; Pfeffer 1955a: 188; Postner 1974: 428; Sokanovskii 1954: 17; Stark 1952: 287.

## Genus *Procryphalus* Hopkins

PROCRYPHALUS HOPKINS 1915b: 7, 33. Type-species: *Procryphalus populi* Hopkins, original designation.

Keys: Hopkins 1915b: 33, Wood 1954a: 982, 1982b: 859 for North America.

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

S. L. 1986a: 89. (**ds**) Bright & Stark 1973: 67; Wood, S. L. 1982b: 859, 1986a: 89. (**tx**) Arnett 1960: 1043, 1968: 1043; Balachowsky 1949a: 201; Bright 1976d: 111; Hopkins 1915b: 7, 33–34; Swaine 1918a: 45, 90; Wood, S. L. 1954a: 981, 1982b: 859, 1986a: 89.

***fraxini* (Berger)** 1916: 238 (*Ernoporus*). Lectotype, sex?; Ussuri, USSR; IZL, Leningrad, designated by Michalski 1969a: 892.
Figures: Tsai & Li 1959: 92.
Distribution: Asia (Heilongjiang, Jilin in China/ Ussuri in E USSR).
Hosts: *Fraxinus mandshurica*.
References: (**cn**) Kurenzov 1935c: 189, 1951c: 79. (**cc**) Kurenzov 1934a: 50, 1951d: 24. (**hb**) Kurenzov 1935a: 19, 33, 1948b: 128, 1951d: 24; Stark 1952: 273. (**ds**) Kleine 1934a: 147; Kurenzov 1934a: 50, 1935a: 19, 33, 1935c: 189, 1936a: 110, 1936b: 350, 1938a: 59, 1940: 77; Stark 1952: 273; Yin, Huang, & Li 1984: 118. (**tx**) Berger 1916: 238; Kurenzov 1941a: 156, 1948b: 128; Michalski 1969a: 892; Schedl 1934f: 1639, 1962r: 91; Stark 1952: 273; Tsai & Li 1959: 92.

***mucronatus* (LeConte)** 1879: 518 (*Cryphalus*). Holotype ♀; La Veta 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, 1958: 136; Furniss, M. M. & Johnson 1987: 379; Gast et al. 1989: 384; Petty, J. L. 1977; Wood, S. L. 1953: 46, 1954a: 984, 1982b: 859. (**ds**) Bright 1976d: 111; Chamberlin 1939: 322, 1958: 136; Furniss, M. M. & Johnson 1987: 379; Furniss, R. L. & Carolin 1977: 377; Gast et al. 1989: 384; Hagedorn 1910d: 44; Henshaw 1882: 269, 1885: 148; Kleine 1913b: 118; Kusch 1967; Schwarz 1886: 42; Swaine 1909: 92; Wickham 1896a: 309; Wood, S. L. 1972a: 414. (**tx**) Bright 1976d: 111; Chamberlin 1939: 322, 1958: 136; Hagedorn 1910a: 87; Hopkins 1915b: 33; Kusch 1967: 10; LeConte 1879: 518; Schwarz 1886: 42; Swaine 1909: 92; Wood, S. L. 1953: 46, 1954a: 959, 984, 1982b: 859.

*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: 148; Wood, S. L. 1948: 42, 1951a: 128. (**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, 1958: 136; Wood, S. L. 1953: 44, 1954a: 983. (**ds**) Bright 1976d: 111; Bright & Stark 1973: 67; Chamberlin 1939: 321, 1958: 136; Furniss, R. L. & Carolin 1977: 378; Keen 1929c: 29; Wood, S. L. 1951a: 128, 1972a: 414, 1982b: 859. (**tx**) Bright 1976d: 111, 202, 209; Chamberlin 1939: 321, 1958: 136; Hopkins 1915b: 33; Keen 1929c: 29; Wood, S. L. 1951a: 128, 1953: 44, 1954a: 959, 979, 983, 1972a: 414, 1979a: 22, 1982b: 859.

*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, 1958: 136; Doane et al. 1936; Wood, S. L. 1953: 42, 1954a: 982. (**ds**) Chamberlin 1917: 355, 1939: 321, 1958: 136; Keen 1929c: 29; Kleine 1934a: 148; Wood, S. L. 1972a: 414. (**tx**) Chamberlin 1939: 321, 1958: 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 spessivtzevi* Berger, monobasic.

*Eocryphalus* Kurenzov 1941a: 161, 230. Type-species: *Eocryphalus semenovi* Kurenzov, monobasic. Synonymy: Schedl 1962r: 93.
References: (**tx**) Krivolutskaya 1958: 148; Kurenzov 1941a: 161, 230; Schedl 1962r: 93–94.

*Ernopocerus* Balachowsky 1949a: 211. Type-species: *Ernoporus caucasicus* Lindemann, subsequent designation by Wood 1954a: 986. Synonymy: Wood 1980c: 93.
References: (**tx**) Balachowsky 1949a: 211;

Nunberg 1958: 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. 1982b: 858, 1986a: 89. (**ds**) Wood, S. L. 1982b: 858, 1986a: 89. (**tx**) Arnett 1960: 1043, 1968: 1043; Balachowsky 1949a: 201, 211–213; Berger 1917: 242; Kurenzov 1941a: 161–162, 231; Nunberg 1958: 485; Pfeffer 1989a: 82; Schedl 1960e: 104, 1962r: 95, 1981b: 75; Sokanovskii 1959: 277; Wood, S. L. 1982b: 858, 1986a: 89.

***africanus* Schedl** 1977c: 396 (*Stephanorhopalus*). Holotype, sex?; Sudafrika: Natal; Schedl Collection in NHMW, Wien.
Distribution: Africa (Natal in South Africa).
Notes: (1) Wood 1983 (notes, p. 13, to *Ernoporicus*, type examined).
References: (**tx**) Schedl 1977c: 396.

***alniphagus* Nobuchi** 1975: 43. Holotype, sex?; Konseitoge, Gunma pref., Japan; Nobuchi Collection, Irabaki.
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, Irabaki.
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; Rhumbler 1922: 334, 1927: 350; Wachtl 1901: 381. (**ec**) Kleine 1908c: 185; Nosek 1959a: 118, 1959b: 87; Nusslin 1927: 350. (**hb**) Fuchs 1904a; Gyorfi 1957; Karpinski & Strawinski 1948: 155; Lengerken 1939: 63, 1954: 83; Nosek 1959a: 118, 1959b: 87; Nusslin 1913: 291, 1927: 350; Pfeffer 1942a: 18; Postner 1974: 431; Rhumbler 1922: 334, 1927: 350; Stark 1952: 276; Vinogradov-Nikitin 1911: 1472–1477; Wachtl 1901: 381; Wichmann 1910b: 210. (**ds**) Allen, A. A. 1970; Bakke 1963a; Bedel 1888b: 398, 413; Bejer-Petersen & Jorum 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; Horion 1951; Karpinski & Strawinski 1948: 155; Klefbeck & Sjoberg 1960: 230; Kleine 1912a: 303, 1913a: 34, 1934a: 147; Koppen 1882: 282; Leclercq 1971; Lomnicki 1913b: 148; Lovendal 1890c: 210; Lucht 1987: 278; Mahler 1987: 232; Nunberg 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 1938: 445; Schaufuss 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 1887: 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; Kuhnt 1913: 1055; Lindemann 1875c: 321; Lovendal 1890c: 210, 1898: 128; Lucht 1987: 278; Nunberg 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; Rhumbler 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 1887: 191, Eggers 1923b: 137.
References: (**hb**) Dombrowsky 1887; Eichhoff 1881a: 46, 185; Hagedorn 1903a; Henshel 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 1887: 191; Dombrowsky 1887; Eggers 1923b: 137; Eichhoff 1881a: 46, 185, 1883a: 109, 133;

Fauvel 1887, 1889; Hagedorn 1910a: 88; 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*). Syntypes 2, sex?; Ceylon: Sabargamuva, Millawitiya Estate; Schedl Collection in NHMW, Wien.
Distribution: Asia (Sri Lanka).
References: (**tx**) Schedl 1959a: 475, 1979c: 56.

***eximius* (Schedl)** 1942d: 9 (*Erischidias*). 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 betulis*, *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. (**ec**) 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; Ratzeburg 1869a: 176; Rondani 1873: 146; Ruhm 1956b: 4; Schimitschek 1930a: 281, 1955a: 139; Schwerdtfeger 1944a: 174, 1957a: 182; Sedlaczek 1915a: 45; Wanka 1920: 202–203; Westerboer 1963: 349. (**hb**) Altum 1881c: 322; Apel 1983; Bach 1864; Barbey 1901: 23, 73, 1925: 508; Beffa 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; Kemner 1919: 176; Knotek 1894a: 558; Lengerken 1939: 63, 1954: 83; Masutti 1964; Munro 1926: 62; Nordlinger 1856: 26; Nosek 1959b: 87; Nunberg 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: 281, 1955a: 139; Schwerdtfeger 1944a: 174, 1957a: 182, 1981: 188; Stark 1952: 276; Tschorbadjiev 1929: 166; Wachtl 1876a: 458, 1901: 381; Wichmann 1927b: 361. (**ds**) Acloque 1896; Andras & Schaefer 1957; Bangsholt 1975: 95; Barthe 1896; Bau 1888; Bejer-Petersen & Jorum 1977: 24; Bennett 1902, 1902b: 76; Blanchere & 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; Gaubil 1849: 126; Gemminger & Harold 1872: 2682–2683; Gorham 1860; Gozis 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; Jazentkovsky 1912: 288; Kaltenbach 1874: 624; Karpinski 1948b: 230; Karpinski & Strawinski 1948: 155; Kemner 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: 180; Kraatz 1869: 59; Kurir 1947c: 31; Lacordaire 1866: 379; Leclercq 1971; Lomnicki 1913b: 148; Lucht 1987: 278; Lundberg 1988; Mahler 1987: 232; Marcu 1926c: 64; Matthews & Fowler 1883: 42; Munro 1920a: 257; Negru 1966b: 401, 1968a: 456; Nosek 1952: 414; Novak, P. 1952: 414, 1964; Nunberg 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; Schaufuss 1915: 1232; Schaum 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 & Gautard 1871: 292; Sturm 1826: 102; Thomson 1865: 360, 1868: 220; Tredl 1907: 12; Tschorbadjiev 1929: 166; Wachtl 1876a: 458; West 1938: 184; Westhoff 1882: 238; Wichmann 1927a: 66; Winter, T. G. 1983: 11. (**tx**) Acloque 1896; Allen, A. A. 1970; Apel 1983; Bach 1854, 1864; Balachowsky 1949a: 211; Barbey 1901: 23, 73; Beffa 1961; Bertolini 1872; Chapuis & Candeze 1853; Chorbadzhievo 1924d; Dejean 1821, 1825; Doebner 1860, 1868: 368; Dombrowsky 1887; Duftschmidt 1825; Eggers 1911a, 1929e, 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; Negru 1966b: 401; Nordlinger 1847: 21, 1848: 242, 1856: 26; Numberg 1954: 54; Perris 1877a: 414; Pfeffer 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; Spessivtsev 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*). Syntypes, 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 (*Ernoporus*). Syntypes, 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.

***kanawhae* (Hopkins)** 1915b: 35 (*Ernoporus*). 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 (redescribed).
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 (*Ernoporus*). 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. (**ec**) 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; Krivolutskaya 1955; Kurenzov 1941a: 158, 1948b: 115; Nobuchi 1985c: 11; Schedl 1934f: 1639, 1979c: 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**) Krivolutskaya 1973: 137; Kurenzov 1948b: 125; Stark 1952: 279. (**ds**) Krivolutskaya 1965a: 235, 1973: 137; Stark 1952: 279. (**tx**) Krivolutskaya 1958: 148; Kurenzov 1941a: 161, 231, 1948b: 125; Michalski 1969a: 892, 1969b: 567; Stark 1952: 279.

***spessivtzevi* 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. (**ec**) Kurenzov 1934a: 51, 1951d: 24. (**hb**) Krivolutskaya 1973: 136; Kurenzov 1948b: 128, 1951d: 24; Stark 1952: 277. (**ds**) Kleine 1934a: 147; Krivolutskaya 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: 128; 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)** 1958: 149 (*Eocryphalus*). Holotype, sex?; Sakhlin Island, S. Uglegorks 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 1958: 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 *Ernoporicus*.
References: (**hb**) Wood, S. L. 1986a: 89. (**ds**) Wood, S. L. 1986a: 89. (**tx**) Kurenzov 1941a: 159–160; Schedl 1962r: 93–94; Wood, S. L. 1986a: 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: 278. (**ds**) Krivolutskaya 1983; Stark 1952: 278. (**tx**) Krivolutskaya 1958: 140; Kurenzov 1941a: 159, 230, 1948b: 123; Michalski 1969a: 892, 1969b: 567; Schedl 1962r: 92–94; Stark 1952: 278.

## Genus *Stegomerus* Wood

STEGOMERUS WOOD 1967c: 129. Type-species: *Stegomerus vulgaris* Wood, original designation.
Keys: Wood 1967c: 130, 1982b: 855.
References: (**hb**) Wood, S. L. 1986a: 90. (**ds**) Wood, S. L. 1986a: 90. (**tx**) Wood, S. L. 1967c: 129, 1982b: 854–858, 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: 856.

***mexicanus* Wood** 1967c: 133. Holotype ♂; 21 km W Morelia, Michoacan, Mexico; Wood Collection.
Figures: Atkinson & Equihua 1988: 101 (adult).
Distribution: North America (Michoacan, Puebla in Mexico).
Hosts: *Serjania* sp.
References: (**ds**) Atkinson & Equihua 1985c: 356, 1988: 101. (**tx**) Atkinson & Equihua 1988: 101; Wood, S. L. 1967c: 133, 1982b: 857.

***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: *Muelenbeckia tamnifolia*.
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 & Equihua 1985c: 356. (**ds**) Atkinson & Equihua 1985c: 356. (**tx**) Wood, S. L. 1967c: 130, 1982b: 855–856.

***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* Nunberg

NEOCRYPHUS NUNBERG 1956a: 139. Type-species: *Neocryphus argentinensis* Nunberg, original designation.
Notes: (3) Schedl 1979: 35 (erroneously placed in synonymy with *Phacrylus*).
References: (**hb**) Wood, S. L. 1986a: 90. (**ds**) Wood, S. L. 1986a: 90. (**tx**) Nunberg 1956a: 139; Wood, S. L. 1986a: 90.

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

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

## Genus *Acorthylus* Brethes

ACORTHYLUS BRETHES 1922: 304. Type-species: *Acorthylus asperatus* Brethes, monobasic.
*Phacrylus* Schedl 1938i: 24. Type-species: *Phacrylus bosqui* Schedl, monobasic. Synonymy: Wood 1983a: 647.

References: (**tx**) Nunberg 1956a: 141; Schedl 1938i: 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)** 1938i: 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: 778; Schedl 1966f: 84, 1967d: 2, 1972d: 141. (**tx**) Schedl 1938i: 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 Sauce, 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.

*Cryphalomimus* Browne 1962g: 75. Type-species: *Hypocryphalus ghanaensis* 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.

*Cryphalomimetes* Browne 1963b: 242. Type-species: *Hypocryphalus ghanaensis* 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**) Loyttyniemi, Beaver, & Loyttyniemi 1984; Schedl 1961k: 633. (**ds**) Beaver & Loyttyniemi 1985a: 81; Schedl 1961k: 633. (**tx**) Eggers 1936c: 35; Schedl 1941d: 396, 1951j: 20, 1961i: 224, 1961k: 633–634, 1979c: 82.

***ghanaensis* (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 ber 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: 168; 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 1939e: 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 1939e: 339–340, 1940d: 591, 1979c: 65.

*birmanus* Eggers 1925: 153 (*Cryphalus*). Syntypes, sex?; Tenasserim; Prague 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?; Kalambangan, Mindanao, Philippinen; 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** 1939e: 340. Lectotype, sex?; Malaya, Selangor, Sungei Buloh For. Res.; Schedl Collection in NHMW, Wien.

Distribution: Asia (Malaya).

Hosts: *Knema furfuracea*.

References: (**cn**) Mathur & Singh 1960b: 84. (**ds**) Beeson 1961: 286; Browne 1961c: 67; Mathur & Singh 1960b: 84. (**tx**) Browne 1961c: 67; Schedl 1939e: 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.

*Enptilius* 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; Endrodi 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; Nunberg 1928: 145, 1954: 10, 48, 52–53, 1956: 141; Nusslin 1898: 276, 1911, 1912; Peyerimhoff 1935: 194–195; Pfeffer 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 1909: 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.

***antennarius* (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 (*Enptilius*). 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

***armatus* (Browne)** 1981a: 129 (*Enptilius*). Holotype, sex?; Bangkok (Thailand) to Yokahama (Japan), imported; BMNH, London.

Distribution: Asia (Thailand).

Hosts: *Pterocarpus* sp.
References: (**tx**) Browne 1981a: 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: 82.

***exiguus* (Browne)** 1984c: 451 (*Euptilius*). Holotype, sex?; Tolitoli (Celebes) to Omaezaki (Japan), imported; BMNH, London.
Distribution: Indonesia (Celebes).
References: (**ds**) Browne 1984c: 451, 1986a: 89.

***inermis* (Schedl)** 1939e: 343 (*Stephanorhopalus*). Lectotype, sex?; Malaya, Selangor: Port Swettenham; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 124.
Distribution: Asia (Malaya).
Hosts: *Rhizophora mucronata*.
References: (**ds**) Beeson 1961: 299; Browne 1961c: 70. (**tx**) Schedl 1939e: 343, 1979c: 124.

***japonicus* Nobuchi** 1966e: 52. Holotype ♀; Arashiyama, Kyoto City; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1966e: 52.
Distribution: Asia (Honshu in Japan).
References: (**ds**) Nobuchi 1985c: 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 (*mulodori*, lapsus calami, corrected to *melodori*).
References: (**ds**) Kleine 1934a: 148; Schedl 1966b: 19. (**tx**) Hopkins 1915b: 35–38; Nobuchi 1983: 300; Schedl 1966b: 16, 19.

***papuanus* (Schedl)** 1973e: 87 (*Margadillius*). Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District; CSIRO, Canberra.
Distribution: New Guinea.
References: (**tx**) Schedl 1973e: 87, 1979c: 183–184.

***quadridens* (Schedl)** 1971a: 284 (*Cryphalops*). Holotype, sex?; Central Prov.: Hantane Estate, Kandy; Schedl Collection in NHMW, Wien.
Figures: Schedl 1971a: 283.
Distribution: Asia (Sri Lanka).
References: (**tx**) Schedl 1971a: 283–284, 1979c: 208.

***shimanensis* Murayama** 1953a: 36. Holotype ♂; Kakinoki vill. (Suzuno-ohtani), Kanoashi County, Shimane pref., Japan; Murayama Collection in USNM, Washington.
Distribution: Asia (Honshu in Japan).
Hosts: *Fagus crenata*.
References: (**ds**) Murayama 1954b: 185; Nobuchi 1985c: 11. (**tx**) Murayama 1953a: 36, 1954b: 185.

***thailandicus* (Schedl)** 1967a: 127 (*Euptilius*). 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 (*Apate*). Syntypes, sex?; Brunngsvigiae; not located, presumed lost.
Figures: Balachowsky 1963a: 1280, Grune 1979: 110, Pfeffer 1989a: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 silvatica*, *Hibiscus syriacus*, *Tilia amurensis*, *T. cordata*, *T. intermedia*, *T. parvifolia*.
References: (**ay**) Escherich 1923b: 482; Imhoff 1856: 228; Lekander 1959b: 60; Numberg 1928a: 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. (**ec**) Balazy & Michalski 1964b; Elliot & Morley 1907; Gillanders 1906; Kielczewski 1976; Kielczewski, Moser, & Wisniewski 1983; Kielczewski & Wisniewski 1978, 1980a, 1983; Kleine 1908c: 186, 1909a: 46, 1944: 73; Kostenko 1929; Kurenzov 1934a: 57; Michalski & Ratajczak 1989; Nosek 1951: 106, 1952b: 98, 1959a: 118, 1959b: 87; Numberg & Wiackowski 1958: 130; Nusslin 1927: 350; Palmen 1944: 60; Perris 1856a: 244; Pfeffer 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 1881c: 322; Balachowsky 1963a: 1279; Barbey 1901: 23, 72, 1925: 587; Beffa 1961; Bukowsky 1930; Chorbadzhievo 1929; Dombrowsky 1887; Eichhoff 1881a: 45, 181, 1882a: 245, 1882e: 322, 1892b: 99; Escherich 1923b: 482; Fuchs 1904a, 1907: 48; Gillanders 1906, 1908; Gornostaev 1916: 314; Grandi 1951;

Gyorfi 1957; Hagedorn 1903a; Henschel 1895a: 168; Karpinski & Strawinski 1948: 155; Karsch 1883: 142; Keller 1913: 242; Kemner 1919: 176; Kharltonov 1924: 199–204; Kholodkovskii 1912: 307; Kurenzov 1935a: 34; Lekander 1959b: 60; Lengerken 1954: 83; Marcu 1941: 403; Marie 1955: 78; Munro 1926: 61; Nordlinger 1856: 30; Nosek 1959a: 118, 1959b: 87; Nunberg 1929c: 119; Nusslin 1898: 280, 1906b: 14, 1913: 290, 1927: 350; Perris 1856a: 244; Postner 1974: 432; Ratzeburg 1837: 164, 1839: 199; Rhumbler 1922: 334, 1927: 350; Rupertsberger 1879: 231, 1880: 229; Schedl 1981b: 76; Schimitschek 1955a: 146; Schwerdtfeger 1944a: 175, 1957a: 182, 1981: 188; Sedlaczek 1935a: 102; Spessivtsev 1913a: 90; Stark 1926a: 335, 1952: 272; Tschorbadjiev 1929: 166; Vinogradov-Niktin 1911: 1472–1477; Wachtl 1876a: 453, 1901: 381; Wichmann 1927b: 361; Zvierezomb-Zubovsky & Rostoff 1918: 1–36. (**ds**) Acatay 1943: 65; Acloque 1896; Allen, A. A. 1970; Ammann & Knabl 1913; Andersch 1851; Arnoldi et al. 1955: 693; Audras & Schaeffer 1957; Bakke 1963a: 121; Balachowsky 1963a: 1279; Barthe 1896; Bau 1888; Bedel 1888b: 398, 413–414; Bejer-Petersen & Jorum 1977: 23; Bielz 1851, 1887; Blanchere & Robert 1889; Borchert 1951; Brakman 1966b: 206; Bukowsky 1930; Buresh & Lazarov 1956; Calwer 1884, 1893; Carpentier & Delaby 1908; Cecconi 1897; Cho 1957; Choo 1983: 69; Choo & Woo 1985: 164; Chorbadzhievo 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; Gaubil 1849: 126; Gemminger & Harold 1872: 2683; Gornostaev 1917; Gozis 1875: 80; Grill 1895: 309; Grune 1979: 111; Gyllenhal 1827: 624; Hagedorn 1903a, 1910d: 46; Hansen, V. 1939, 1956, 1964: 462; Heinemann 1908a; Hellen 1947; Henschel 1895a: 168; Heyden 1876: 299, 1879: 140; Heyden, Reitter, & Weise 1883: 182, 1891: 671, 1906: 711; Horion 1951; Jazentkovsky 1912: 288; Kamp 1956b: 471; Karpinski 1926: 82, 1931: 27, 1948b: 230; Karpinksi & Strawinski 1948: 155; Keler 1925b: 272; Kemner 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; Koppen 1882: 251; Kostenko 1929; Kozikowsky 1921: 180; Kraatz 1869: 59; Kurenzov 1934a: 57, 1935a: 34, 1936a: 110, 1936b: 350–351, 1938a: 59; Kurir 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; Marcu 1926c: 63; Matthews & Fowler 1883: 42; Murayama 1929b: 2, 1930b: 10, 1937b: 375; Negru 1966b: 402, 1968a: 456; Negru & Rosca 1967: 141; Nunberg 1928b: 85, 106, 1954: 53; Nusslin 1898: 280; Orest 1926c: 63; Palm 1959: 29, 60, 1986; Palmen 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; Ratzeburg 1837: 164, 1839: 199; Redtenbacher 1858: 832, 1874: 375; Reitter 1869b: 154, 1889a: 94, 1894a: 71, 1916: 289; Roubal 1941: 264; Ruskov 1928e: 61; Saalas 1930: 118, 1931: 67; Sainte-Claire 1914: 472; Sainte-Claire & Mequignon 1938: 445; Schaufuss 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 & Gautard 1871: 292; Sturm 1826: 102, 1843: 230; Thomson 1859: 147, 1865: 350, 1868: 218; Tredl 1907: 12; Tschorbadjiev 1929: 166; Villa & Villa 1833: 26; Wachtl 1876a: 453; Westhoff 1882: 238; Wichmann 1927a: 6; Winter, T. G. 1983: 11; Zinovjev 1955: 187. (**tx**) Acloque 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; Beffa 1961; Berger 1917: 226–248; Bertolini 1872; Calwer 1858; Carpentier & Delaby 1908; Castelnau 1840; Choo 1983: 69; Doebner 1860; Dombrowsky 1887; Duftschmidt 1825; Eggers 1929e: 41, 1936d: 629, 1942c: 29, 1943a: 355; Eichhoff 1864b: 35, 1878b: 130, 1881a: 45, 181, 1883a: 109, 133; Endrodi 1957b; Erichson 1836: 62; Escherich 1923b: 482; Fabricius 1798: 157, 1801: 383; Fauvel 1889; 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; Kuhnt 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; Negru 1966b: 402; Nordlinger 1848: 245, 1856: 30; Nunberg 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; Ratzeburg 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; Heinemann 1908a; Hellen 1921.

*cinereus* Herbst 1793: 116 (*Bostrichus*). Syntypes, sex?; Deutschland; not located. Synonymy: Balachowsky 1949a: 209.

References: (**tx**) Balachowsky 1949a: 209; Herbst 1793: 116; Iablokoff-Khnzorian 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.

*eggersi* Stark 1936: 142. Syntypes, sex?; Soviet Far East; IZL, Leningrad, 1 Eggers 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: 1280; Krivolutskaya 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 (*Euptilius*). 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: (**cn**) Mathur & Singh 1960b: 86, 1961b: 51. (**hb**) Browne 1961c: 71; Kalshoven 1958b: 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, Dehra Dun, 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.

*Lepicerus* Eichhoff 1878b: 476, 501. Type-species: *Lepicerus aspericollis* Eichhoff, monobasic, preoccupied. Synonymy: Wood 1980c: 95.

References: (**tx**) Eggers 1929e: 53; Eichhoff 1878b: 476, 501; Hinton 1936: 473; Hopkins 1915b: 8; Schedl 1940d: 585–587, 1952d: 344; Wood, S. L. 1954a: 996, 1980c: 95.

*Cryphalomorphus* Schaufuss 1891: 12. Type-species: *Cryphalomorphus communis* Schaufuss, monobasic. Synonymy: Schedl 1940d: 587.

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: 585–587, 1950d: 2, 1952d: 344, 1954a: 138, 1957b: 152, 1957d: 59, 1959a: 476, 1961k: 523, 1962p: 203, 1963h: 265, 1963i: 62, 1965e: 349–379, 1965f: 3–15, 1970b: 358, 1971e: 11, 1977b: 44; Wood, S. L. 1954a: 980, 996–997, 1960a: 13.

*Letznerella* Reitter 1913a: 68. Type-species: *Bostrichus jalapae* Letzner, monobasic. Synonymy: Schedl 1940d: 587.

References: (**tx**) Balachowsky 1949a: 20; Chamberlin 1939: 316; Reitter 1913a: 68; Schedl 1938f: 41, 583–587, 1952d: 344; Swaine 1918a: 90; Wood, S. L. 1954a: 996, 1960a: 37.

*Hypothenoides* Hopkins 1915b: 7, 11. Type-species: *Hypothenoides parvus* Hopkins, original designation. Synonymy: Schedl 1954a: 138.

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: 587.

References: Chamberlin 1939: 315; Hopkins 1915b: 8, 34; Schedl 1938f: 41, 1940d: 584–587, 1952d: 344; Wood, S. L. 1954a: 990, 1960a: 27.

*Neocryphalus* Eggers 1922b: 169. Type-species: *Neocryphalus usagaricus* Eggers, monobasic. Synonymy: Schedl 1940d: 587.

References: (**tx**) Eggers 1922b: 169; Schedl 1940d: 587, 1950d: 2, 1952d: 344, 1959a: 476; Wood, S. L. 1954a: 996, 1986: 90.

*Negritus* Eggers 1923a: 141. Type-species: *Nigritus 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.

*Lepicerinus* Hinton 1936: 473. Type-species: *Lepicerus 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 1988b; 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 Yokahama (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: 587, 1961k: 525.

***ankius* (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 Manki logging area, Bulolo, 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: (**ee**) Schedl 1961k: 525–526. (**hb**) Emden 1925a: 215–216, 1925b: 89; Zacher 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, 1975e: 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; Schaufuss 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. Princesa (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, 1929e: 53; Nobuchi 1983: 300; Schedl 1940d: 587, 1951i: 50, 55–56, 1979c: 33.

***basilaris* (Wood)** 1960a: 30 (*Cryphalomorphus*). Holotype ♀; Caroline Islands (Koror, Palau); USNM, Washington.
Distribution: Micronesia (Korror 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 1940d: 587, 1952d: 344, 1979c: 49.

***camelliae* (Nobuchi)** 1975: 45 (*Cryphalomorphus*). Holotype, sex?; Tainaigoya, Nilgata pref., Japan; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1975:pl. 1, fig. 6.
Distribution: Asia (Japan).
Hosts: *Camellia japonica rusticana*.

References: (**ds**) Nobuchi 1985c: 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 1985c: 12. (**tx**) Nobuchi 1975: 47.

***ceylonicus* (Schedl)** 1959a: 477 (*Cryphalomorphus*). Holotype, sex?; Ceylon: Sabargamuva, 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 (*Lepicerinus*). Holotype, sex?; Neu-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)** 1939e: 343 (*Lepicerinus*). Lectotype, sex?; Malaya, Selangor: Kuala Lumpur; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 59.
Distribution: Asia (Malaya).
References: (**hb**) Browne 1961c: 67. (**ds**) Browne 1961c: 67. (**tx**) Schedl 1939e: 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**) Alluaud 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 1987a: 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?
Distribution: Africa (Seychelles Islands).
Hosts: *Wormia ferruginea*.
References: (**ds**) Beaver 1987a: 20; Sampson 1914: 385; Schedl 1969d: 11. (**tx**) Sampson 1914: 385; Schedl 1952d: 344.

***cylindricus* (Schedl)** 1959a: 476 (*Cryphalomorphus*). Syntypes, sex?; Ceylon: Sabargamuva, 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.

***darwini* Eichhoff** 1878b: 497. Holotype, sex?; Hindostan (Birma); deposited in Dohrn 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 buchanani*.
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 1939e: 337–338, 1957b: 152, 1979c: 229; Wood, S. L. 1985: 269.

*major* Eggers 1927c: 69 (*Nigritus*). Lectotype, sex?; Philippinen: 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 1939e: 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?; Philippinen: 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?; Philippinen: 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 1939e: 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: 85 (*Hypothenemus*). 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; Kleine 1913b: 124, 1914b: 257; Nakane et al. 1963: 382; Nobuchi 1985c: 12. (**tx**) Blandford 1894d: 85; Hagedorn 1910a: 86; Hopkins 1915b: 24; Murayama 1961: 31; Nakane et al. 1963: 382; Schedl 1934f: 1640; 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: *Plerandra grayi* leaf petioles.
Notes: (1) Schedl 1979c: 96 (citation of holotype invalid).
References: (**ds**) Beaver 1991: 54; Browne 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: 44, 1952d: 343–344, 1979c: 107.

***granulatus* (Wood)** 1960a: 31 (*Cryphalomorphus*). 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: 68 (*Cryphalomorphus*). Holotype, sex?; Cape Province, Alexandria; NICP, Pretoria.
Distribution: Africa (South Africa).
Hosts: *Strychnos decussata*.
References: (**tx**) Schedl 1962h: 68, 1962k: 1069, 1979c: 113.

***hirtus* (Wood)** 1974a: 18 (*Cryphalomorphus*). 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: 864. (**tx**) Wood, S. L. 1974a: 18, 1982b: 864.

***hobohmi* (Schedl)** 1955i: 215 (*Cryphalomorphus*). 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 (*Cryphalomorphus*). 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 suaveolen, Valleria haynei*.
Notes: (3) This is *indicus* Beeson 1941 (1961: 240), nomen nudum. Schedl 1979c: 127 (cited it as a synonym of *varius* Schedl; however, 2 distinct species are represented by these names).
References: (**tx**) Schedl 1939e: 343, 1940d: 588, 1959a: 477, 1979c: 123; Wood, S. L. 1989: 184.

***insularis* (Nobuchi)** 1975: 48 (*Cryphalomorphus*). Holotype, sex?; Kawada, Miyake Is., Tokyo, Japan; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1975:pl. 1.
Distribution: Asia (Mikura Island in Japan).
References: (**ds**) Nobuchi 1985c: 12. (**tx**) Nobuchi 1975: 48, pl. 1.

***jalapae* (Letzner)** 1848b: 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: (**ay**) Imhoff 1856: 228. (**en**) Hagedorn 1913a; Kleine 1932a: 297; Mumford 1960: 22; Swaine 1918a: 90. (**ec**) 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: 458; Wood, S. L. 1953: 73, 1954a: 997, 1982b: 866. (**ds**) Anonymous 1926c: 518; Blackwelder 1947: 778; Blandford 1894b: 261, 1897b, 1904: 226; Calwer 1884, 1893; Chamberlin 1939: 316; Cola 1973; Ferrer 1942; Gemminger & Harold 1872: 2683; Hagedorn 1903a, 1910d: 43, 1913a: 46–47; Hamilton 1889: 158, 1894b: 406; Henshaw 1885: 148, 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: 148; 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: 608; Stein 1868: 114; Stein & Weise 1877: 164; Swaine 1909: 92; Townsend 1889: 235; Wachtl 1876a: 458; 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; Kuhnt 1913: 1055; Lacordaire 1866: 383; Letzner 1844, 1848b: 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: 584, 588, 1959a: 476, 1965i: 368, 1980a: 17; Schwarz 1886: 42; Seidlitz 1891a: 562, 1891b: 608; Swaine 1909: 92, 1918a: 90; Wood, S. L. 1953: 73, 1954a: 997, 1982b: 866.

***knabi* (Hopkins)** 1915b: 34 (*Ernoporides*). Holotype ♀; Cordoba, Mexico; USNM, Washington.
Figures: Bright 1972d: 59.
Distribution: Antilles Islands (Cuba/ Dominican Republic/ Guadalonpe/ 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: *Caloncition tamnifolium*, *Candiosperma holacobium*, *Ipomoea pres-carpae*, *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 1982b: 865; Wood, S. L. 1982b: 865. (**ds**) Atkinson & Equihua 1985c: 356, 1988: 100; Atkinson et al. 1986: 66; Bright 1972d: 61, 1976d: 61, 1985c: 175; Burgos & Saucedo 1983: 103; Ferrer 1942; Schedl 1940a: 342, 1940d: 588, 1960d: 75; Wood, S. L. 1982b: 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; Blatchely & Leng 1916: 604; Chamberlin 1939: 315; Hopkins 1915b: 34; Schedl 1940d: 588; Wood, S. L. 1954a: 979, 998, 1966b: 22.

*ritchiei* Sampson 1918: 295 (*Hypothenemus*). Syntypes ♀; Jamaica; BMNH, London. Synonymy: Wood 1966b: 23.
References: (**ds**) Cowdey 1926: 27. (**tx**) Eggers 1940a: 108; Sampson 1918: 295; Schedl 1940d: 588; Wood, S. L. 1966b: 23.

*caraibicus* 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.

*subtriatus* 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: (**ec**) 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.

***mauritianus* (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, 1929e: 53; Schedl 1939e: 337, 1940d: 588, 1942c: 175, 1942d: 2, 1950f: 44, 1951i: 50, 1962q: 490.

***mus* (Schedl)** 1975f: 349 (*Cryphalomorphus*). Holotype, sex?; New Guinea, Wau; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1975f: 349, 1979c: 162.

***nanulus* (Wood)** 1960a: 29 (*Cryphalomorphus*). Holotype, sex?; Mt. Tagpochau, Saipan; FMNH, Chicago.
Distribution: Micronesia (Saipan, Tinian in Caroline Islands).
References: (**tx**) de Ruette 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, 1952d: 343–344, 1979c: 166.

***nubilus* (Wood)** 1960a: 30 (*Cryphalomorphus*). Holotype ♀: Ine I., Arno Atoll, Marshall Islands; USNM, Washington.
Distribution: Micronesia (Caroline Islands/ Arno Atoll in Marshall Islands).
Hosts: *Scaevola frutescens*.
References: (**tx**) de Ruette 1970: 99; Wood, S. L. 1960a: 30.

***ocularis* (Schedl)** 1965e: 368 (*Cryphalomorphus*). Holotype, sex?; Congo ex belge-Leopoldville; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
References: (**tx**) Schedl 1965e: 368, 1979c: 177.

***onyanganus* (Schedl)** 1941d: 391 (*Letznerella*). Lectotype, sex?; Mt. Cameroon, Onyanga, 8100 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 178.
Distribution: Africa (Cameroon/ Kenya/ Nigeria/ South Africa/ Tanzania/ Uganda).
Hosts: *Acacia decurrens*, *Celtis* sp., *Euclea lanceolata*.
References: (**tx**) Browne 1973a: 290; Schedl 1940d: 588, 1941d: 391–392, 1952d: 344, 1961k: 527, 1979c: 178.
*similaris* Schedl 1965f: 8 (*Cryphalomorphus*). Holotype, sex?; Uganda, Mpanga; BMNH, London. Synonymy: Browne 1973a: 290.
References: (**ds**) Browne 1970: 540; Schedl 1969d: 5, 1982: 278. (**tx**) Browne 1973a: 290; Schedl 1965c: 55, 1965f: 8, 1979c: 229.

***opacus* (Schedl)** 1959a: 477 (*Cryphalomorphus*). Holotype, sex?; Ceylon: Sabarganuva, 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 (*Cryphalomorphus*). Holotype, sex?; Panganda logging area, Walnut Valley, Morobe District; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Evodia* sp., *Nothofagus* sp.
References: (**tx**) Schedl 1974d: 459, 1979c: 183.

***papuensis* Wood** 1989: 179. Holotype, sex?; Upper Manki logging area, Bulolo, Morobe District, New Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: Wood, S. L. 1989: 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. 1989: 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 (*Cryphalomorphus*). 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 (*Cryphalomorphus*). Holotype ♀; La Lima, Cortez, Honduras; Wood Collection.
Distribution: North America (Costa Rica/ Honduras).
Hosts: *Cestrum scandens*.
References: (**tx**) Wood, S. L. 1974a: 17, 1982b: 862–863.

***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 [?=Balbalan], Philippinen; 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 (*Cryphalomorphus*). Holotype, sex?; Congo Belge: Yangambi; MRCB, Tervuren.
Figures: Schedl 1961k: 528.
Distribution: Africa (Angola/ Ghana/ Zaire).
Hosts: *Pleiocarpa micrantha*, *P. tubicina*.
References: (**ec**) Schedl 1958d: 188, 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: 8, 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: *Pueraria 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, Tinian; FMNH, Chicago.
Distribution: Micronesia (Tinian 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 (*Lepicerinus*). Syntypes, 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.

*grossepunctatus* 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: (**ec**) 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)** 1971e: 12 (*Cryphalomorphus*). Holotype, sex?; Cote d'Ivoire, Foret du Banco; Schedl Collection in NHMW, Wien.
Distribution: Africa (Ivory Coast).
References: (**tx**) Schedl 1971e: 12, 1979c: 207.

***quadridens* (Browne)** 1984f: 71 (*Hypothenemus*). Holotype, sex?; New Guinea: Morobe District, Wau, 1700 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Macaranga alcurutoides*.
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, Guanajuato, Jalisco, Michoacan in Mexico).
Hosts: *Ipomoea* sp.
References: (**ec**) 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 1985c: 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: 863. (**tx**) Wood, S. L. 1974a: 18, 1982b: 863–864.

***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, Taun 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?; Neu-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: Pulai log.
References: (**ds**) Browne 1980d: 491; Ohno, 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 megasperma*.
References: (**ds**) Brimblecombe 1953: 21; Schedl 1972a: 144. (**tx**) Lea 1910: 141; Schedl 1938f: 34, 41, 1940d: 588.

***trucis* (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: 866. (**tx**) Wood, S. L. 1974a: 19, 1982b: 866.

***uncatus* (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.
*ater* 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 Ruette 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 1988b; Eichhoff 1875: 200; Hopkins 1915b: 8; Murayama 1930: 21–22; Niisima 1917: 1; Schedl 1938a: 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: Labulla 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: Sabargamuva, 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?; Chiusenji, 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: 8, 41. Type-species: *Hypocryphalus rotundus* Hopkins, original designation.

*Dacryphalus* Hopkins 1915b: 8, 42. Type-species: *Dacryphalus obesus* Hopkins, original designation. Synonymy: Schedl 1938f: 48.

References: (**tx**) Hopkins 1915b: 8, 42; Schedl 1938f: 48, 1960g: 142; Wood, S. L. 1954a: 999.

References: (**ay**) Nobuchi 1969a: 58. (**hb**) Beaver 1987a: 18; Browne 1961c: 67; Schedl 1961k: 542, 1977a: 57; Wood, S. L. 1982b: 871. (**ds**) Beaver 1987a: 18; Beeson 1938: 288; Blackwelder 1947: 778; Brimblecombe 1953: 19; Browne 1961c: 67; Kalshoven 1945: 8; Schedl 1961k: 542, 1966b: 25, 1977a: 57; Wood, S. L. 1982b: 871. (**tx**) Arnett 1960: 1043, 1968: 1043; Hopkins 1915b: 8, 41; Schedl 1938f: 48, 1939i: 382, 1959a: 483, 1961k: 542, 1962h: 67, 1962m: 697–699, 1963j: 478, 1964i: 246–249, 1964m: 305, 1977a: 57; Wood, S. L. 1954a: 991, 1960a: 13, 1961a: 45, 1982b: 871, 1986a: 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: 148. Lectotype, sex?; Upolu, Afiamalu: 2100 feet; Schedl Collection in NHMW, Wien.

Distribution: Samoan Islands.

References: (**ds**) Beaver 1976b: 534. (**tx**) Schedl 1951k: 134, 148, 1979c: 14.

***angustior* (Eggers)** 1927b: 300 (*Cryphalus*). Holotype ♂; Sud-Sumatra: Buru; 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: (**en**) Kalshoven 1954: 8. (**ds**) Beaver 1976b: 534; Beeson 1938b: 288. (**tx**) Beeson 1929: 227; Schedl 1951k: 134, 145.

***bidentatus* Browne** 1980b: 383. Holotype, sex?; Wasag (Philippine) to Kinumra (Japan), imported; BMNH, London.

Distribution: Philippine Islands.

References: (**tx**) Browne 1980b: 383; Nobuchi 1983: 301.

***brevior* Schedl** 1943b: 40. Lectotype, sex?; St. Theodoro, Mindoro [Island], Philippinen; USNM, Washington, designated by Anderson & Anderson 1971: 8.

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, Mount Gede, 800 m; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 65.

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

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

References: (**en**) 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: 483. Holotype ♀; Ceylon: Millawitiya Estate; Schedl Collection in NHMW, Wien.

Distribution: Asia (Sri Lanka).

References: (**ds**) Schedl 1959a: 483. (**tx**) Schedl 1959a: 483, 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: 483.

***densepilosus* Schedl** 1942d: 21. Lectotype ♀; Java, Mount 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*, *Eleondendron* sp.
References: (**en**) 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, Philippinen; 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, Kemasul; 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 Dun, 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/ Zaire), 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. (**en**) Costa Lima 1956; Ebeling 1950, 1959; Pyenson 1938: 29–30. (**ec**) Silvas, Gayeo, & 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: 8; 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: 28, 134; Ebeling 1950, 1959; Hopkins 1927: 23–32; Kalshoven 1958: 164; Kleine 1934a: 148; Mathur & Singh 1961a: 45, 81, 1961b: 51; Nunberg 1958: 479, 507; Paulian 1951: 27; Schedl 1959a: 483, 1960a: 76, 79, 1961k: 542–544, 1966f: 84, 1967d: 2, 1967e: 211; Swezey 1949: 445; Tucker 1952: 347. (**tx**) Beeson 1929: 226, 1940; Bright 1985c: 174; Costa Lima 1929, 1956; Eggers 1928c: 85, 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: 81, 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 (*Hypothenemus*). 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.

*mangiferae* Eggers 1928c: 85. Lectotype ♂; Brazil; USNM, Washington, designated by Anderson & Anderson 1971: 19. Synonymy: Eggers 1931: 185.

References: (**cn**) Anonymous 1961k, 1962g, 1962y; Estrada & Atkinson 1988: 209; Kalshoven 1954: 8; Stebbing 1914: 542; Thirumalo Rao 1953: 52. (**ec**) 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; Nunberg 1958a: 480; Pedrosa-Macedo & Schonherr 1985: 45; Schedl 1959a: 483, 1960d: 76, 1961k: 543, 1977a: 59; Thirumalo 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; Nunberg 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.

*mimicus* Schedl 1942d: 17 (*Cryphalus*). Lectotype, sex?; Java: Pasoeroean; 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 ♀; Philippinen, 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?; Surabaja (Java) to Osaka (Japan), imported; BMNH, London.
Distribution: Indonesia (Java).
Hosts: Inggris 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?; Neuguinea, 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.

***ovalicollis* 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: Nunberg 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: 381. (**hb**) Browne 1961c: 68; Kalshoven 1958b: 164; Roberts 1976: 381. (**ds**) Browne 1961c: 68, 1966: 244, 1974a: 64, 1980a: 371; Roberts 1976: 381; 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, Buitenzorg; 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?; Neu-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* Nunberg 1961b: 611. Holotype, sex?; New Britain, Rabaul; BMNH, London. Synonymy: Schedl 1962n: 697.
References: (**tx**) Nunberg 1961b: 611, 626; Schedl 1962n: 697.

***pilifer* Schedl** 1979g: 98. Holotype, sex?; New Guinea, N. E., Wau, 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: Wau; 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.

***sandakanensis* (Schedl)** 1937e: 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 1937e: 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** 1938f: 49. Lectotype, sex?; Cairns district; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 233.
Distribution: Australia (Queensland).
References: (**hb**) Yunus & Hua 1980: 228. (**ds**) Brimblecombe 1953: 19; Schedl 1966b: 27; Yunus & Hua 1980: 228. (**tx**) Nobuchi 1983: 301; Schedl 1938f: 49–50, 1979c: 233.

***striatus* Hopkins** 1915b: 41. Holotype ♀; Calapan, P.I.; USNM, Washington.
Distribution: Asia (Malaya), Philippine Islands (Mindoro).
Hosts: *Canarium* sp., *Parinarium* sp.
References: (**ds**) Beeson 1961: 287–288; Kleine 1934a: 148. (**tx**) Hopkins 1915b: 41–42; Schedl 1939e: 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 sidneyanus* 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 kolbei* Hagedorn, monobasic. Synonymy: Wood 1986: 91.
References: (**tx**) Hagedorn 1912c: 355; Wood, S. L. 1986: 91.
*Ericryphalus* Hopkins 1915b: 8, 38. Type-species: *Ericryphalus henshawi* 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.
*Ernocryphalus* Murayama 1958: 934. Type-species: *Ernocryphalus hirosimensis* Murayama, original designation. Synonymy: Schedl 1963i: 62.
References: (**tx**) Murayama 1958: 934; Schedl 1962p: 203, 1963i: 62.
*Acryphalus* 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.
*Jugocryphalus* Tsai & Li 1963: 602, 622. Type-species: *Cryphalus piceus* 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. (**ec**) 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; Munro 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; Gaubil 1849: 126; Hagedorn 1910d: 40; Niisima 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: 287; 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; Duffy 1953: 6; Eggers 1943c: 68; Eichhoff 1864: 34–35, 45–46, 1868e: 391, 1872a: 132, 134, 1878a: 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; Niisima 1909: 141; Nunberg 1954: 48–52; Nusslin 1898: 276, 280; Peyerimhoff 1935: 194, 196; Pfeffer 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, 1960h: 105, 1960i: 105, 1961k: 455, 458, 1962r: 91–93, 1963h: 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 1936e: 142–144, 1952: 15–280; Stebbing 1914: 528; Stresemann 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; Zivojinovic 1948: 65–73.

***abbreviatus* Schedl** 1943b: 35. Lectotype ♀; Catbalogan, Ins. Samar, Philippinen; 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: Gornoravadsk region, Valley of Kuznetsovk 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 cunninghami*.
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 (*Ericryphalus*). 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 1939e: 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 (Honshu 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: 685; Kamp 1979; Kangas 1964d, 1966d; Kestercanek 1881a: 12; Klefbeck & Sjoberg 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 1858: 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; Siebke 1875: 283; Stein 1868: 114; Stein & Weise 1877: 164; Stierlin 1898: 439; Stierlin & Gautard 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*). Syntypes, sex?; Ober-Schleien, Ostprussen, dem Thuringer Walde und dem Harze; MNB, Berlin. Synonymy: Wood 1972f: 41.
References: (**ay**) Chararas 1973c; Escherich 1923b: 481, 597; Feytaud 1950a; Ritchie 1919: 171–199; Scherb 1971. (**bv**) Byers, Anderbrant, & Lofqvist 1989; Chararas 1973c; Chararas, Desveaux, & Kogane-Charles 1978a; Chararas et al. 1982: 1094; Grune 1979: 107; Kevdina 1897: 108; Magema, Gaspar, Severin 1982; Naumann-Etienne 1978a; Nuorteva 1956c: 94; Nuorteva & Nuorteva 1968; Tragardh 1930b: 108; Winter, K. 1980. (**cn**) Anonymous 1978i; Barbey 1906a; Borcea 1924: 221–260; Brunean 1950; Byers, Anderbrant, & Lofqvist 1989; Chararas 1961b: 69, 1961c: 92, 1978; Chorbadzhievo 1929; Eckstein 1926: 578; Escherich 1923b: 481, 597, 1936; Esterberg 1959; Feytaud 1946, 1950a; Forbes 1910; Gabler 1955; Georgescu et al. 1957: 357, 460; Hanson 1937; Hartig 1861: 330; Hess & 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; Kozikowsky 1929: 254; Kunstler 1864: 783; Lekander 1955b: 17; Lozovoi 1961: 91–113; Lozovoi & Tropin 1965, 1967; MacDongall 1917: 1–38; Marcu 1926c: 63; Mokrzecki 1925: 1–7; Muller 1912: 185; Nestertschuk 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; Ruhm 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. (**ec**) Apfelbeck 1916b; Balazy & Michalski 1960, 1964a; Barbey 1906a, 1927; Capek 1957; Chararas 1959g; Chararas, Desveaux, & Kogane-Charles 1978a; Eidmann 1974b; Galoux 1947c, 1948a; Gillanders 1906;

Heqvist 1963: 152; Hierholzer 1954b: 387; Inouye & Yamaguchi 1955a: 235; Kielczewski 1976; Kielczewski & Wisniewski 1978, 1983; Kleine 1908c: 186, 1909a: 46, 1944: 74; Kraemer 1950b: 379; Lozovoi & Tropin 1965, 1967; Lundberg 1984; Michalski & Ratajczak 1989; Naumann-Etienne 1978a; Nosek 1951: 107, 1952b: 98; Nuorteva 1957b: 68; Nuorteva & Nuorteva 1968; Nusslin 1927: 300; Perris 1856a: 244; Pfeffer 1923a: 331, 1932a: 8, 1943b: 179, 1950c: 3, 1955b: 84, 1959: 2; Poinar 1975: 151; Ratzeburg 1869a: 79; Ruhm 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; Zumr 1985b. (**hb**) Altum 1881c: 321; Apfelbeck 1916b, 1917; Barbey 1901: 23, 71, 1925: 164; Beffa 1949, 1961; Boas 1923: 360; Borcea 1924; Budge 1949; Cecconi 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; Gyorfi 1957; Hagedorn 1903a; Hartig 1861: 330; Heinemann 1909; Henschel 1876a: 34, 240, 1895a: 166; Hess & Beck 1914: 265, 1927: 321; Hufnagl 1887: 512; Joly 1976; Judeich & Nitsche 1895: 526; Kahlich 1865b; Karpinski 1933b: 28; Karpinski & Strawinski 1948: 155; Karsch 1883: 142; Kholodkovskii 1912: 278, 307; Kraemer 1950b: 379; Lengerken 1939: 62, 1954: 83; Lozovoi & Tropin 1965, 1967; Lunardoni & Leonardi 1889: 458; MacDougall 1917: 127; Magema, Gaspar, & Severin 1982; Masutti 1964; Munro 1926: 60; Naumann-Etienne 1978a; Nordlinger 1856: 28; Nunberg 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; Ratzeburg 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; Tschorbadjiev 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; Balazy & Michalski 1960; Barthe 1896; Ban 1888; Bedel 1888b: 398; Beffa 1949; Bejer-Petersen & Jorum 1977: 23; Benick 1921; Benz 1985; Bielz 1887; Boas 1923: 360; Borcea 1924; Borchert 1951; Brakman 1966b: 206; Brancsik 1871; Bucking 1932; Buresh & Lazarov 1956; Butovitsch & Heqvist 1947; Cecconi 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 1958b; 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; Gronzelle 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; Jannicky 1960a; Jazentkovsky 1912: 288; Joly 1960; Judeich & Nitsche 1895: 526; Kahlich 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 & Hinks 1945: 218; Koltze 1901: 153; Kono & Tamanuki 1939: 88, 91; Koschitsky 1900: 83; Kozikowsky 1921: 180; Kraatz 1869: 59; Kurir 1947c: 15; Lacordaire 1866: 379; Langhoffer 1915c: 157; Leclercq 1971; Leiler & Prutz 1977; Lekander 1955b: 17; Leng 1918: 211; Lentz 1857: 139; Lindemann 1884b: 264; Lokaj 1868: 64; Lomnicki 1913b: 148; Lucht 1987: 278; Lunardoni & 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: 87, 1926: 4–77; Munster 1922a: 155, 1928: 289; Murayama 1948: 2, 1949a: 12, 1951c: 3, 1954b: 162; Nash, D. R. 1978; Negru 1966b: 402, 1968a: 456; Nobuchi 1985c: 13; Nunberg 1927a: 213, 1928b: 88, 105, 1954: 52; Nusslin 1898: 280; Orest 1926c: 63; Pacher 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; Ratzeburg 1837: 135, 163, 1839: 165, 198; Redtenbacher 1858: 832; Reitter 1869b: 154, 1889a: 94, 1894a: 70, 1916: 288; Ronbal 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; Schanfuss 1915: 1231; Schaum 1859: 96, 1862: 101; Schedl 1959h: 100, 1961b: 184, 1967c: 70, 1980a: 14, 1981b: 75; Schilsky 1909: 188; Schimitschek 1938b: 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 & Gautard 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: 8; Yanovskii & Tegshzhargal 1985: 415. (**tx**) Allen, A. A. 1965b: 47; Bach 1854; Balachowsky 1949a: 207; Barbey 1901: 23, 71; Bedel 1888b: 398; Beffa 1949, 1961; Boas 1923: 360; Brancsik 1871; Chapuis & Candeze 1853; Chararas 1962c: 252; Charvat 1950; Chorbadzhievo 1924d; Crotch 1966; Csiki 1910; Dejean 1821, 1825; Doebner 1860; Duffy 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; Inonye & 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; Kuhnt 1913: 1055; Lacordaire 1866: 379; Letzner 1844: 68, 1891: 375; Lindemann 1875c: 362; Lovendal 1889b: 51, 1898: 124; Lucht 1987: 278; Lunardoni & Leonardi 1889: 458; Murayama 1954b: 162; Negru 1966b: 402; Niisima 1910a: 8, 1929: 376–381; Nordlinger 1848: 244, 1856: 28; Nunberg 1954: 52; Perris 1877a: 414; Pfeffer 1932b: 17, 1941b: 1, 1941c: 5, 1947e: 2, 1955a: 177; Portevin 1935: 324; Postner 1974: 430; Quaschik 1953: 35; Ratzeburg 1837: 135, 163, 1839: 165, 198; Redtenbacher 1849a: 791, 1849b: 26, 1858: 832; Reitter 1889a: 94, 1894a: 70, 1913a: 67; Rhumbler 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 1936e: 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; Sedlaczek 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 erythroxylon*, *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 ♂; Noo, 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/ Zaire).

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 1985c: 12 (treated in *Scolytogenes*).
References: (**ds**) Nobuchi 1985c: 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 1983: 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: 68–69; Schedl 1962b: 186. (**tx**) Schedl 1943b: 38, 1958b: 99, 1979c: 43.

***brasiliensis* Schedl** 1976a: 65. Holotype, sex?; Botafogo, Guanabara, 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** 1948g: 26. Lectotype ♀; Queensland, Emu 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 1948g: 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 1958h: 498. Holotype, sex?; Sarawak, Semengoh; BMNH, London, preoccupied by Schedl 1939.
References: (**tx**) Schedl 1958h: 498, 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 hunsteinii*.
References: (**tx**) Browne 1984d: 93.

***buloloensis* Browne** 1984c: 67. Holotype, sex?; New Guinea: Morobe District, Bulolo, Snake Creek, 1000 m; BMNH, London.
Distribution: New Guinea.
References: (**tx**) Browne 1984c: 67.

***capucinicollis* Schedl** 1950f: 47. Syntypes 2, sex?; Viti Levu: Navai Mill, near Nandarivatu, 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.

***capucinoides* 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: 83, 1955b: 284, 1979c: 52.

***capucinus* Schedl** 1938g: 425. Lectotype ♂; Luzon, Laguna Province, Mount Maquiling; 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 1938g: 425, 1966b: 20. (**tx**) Eggers 1939b: 4; Nobuchi 1983: 300; Schedl 1938g: 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 cordata*, *C. laxifolia*.
Notes: (3) Choo 1983: 70 (redescribed).
References: (**en**) Kurenzov 1935c: 187. (**ec**) Kurenzov 1934a: 52. (**hb**) Kurenzov 1935a: 19, 30, 1948b: 114; Stark 1952: 261. (**ds**) Choo 1983: 70; Choo & Woo 1985: 164; Kleine 1934a: 142; Krivohtskaya 1983; Kurenzov 1934a: 52, 1935a: 19, 30, 1935c: 187, 1936b: 350; Nobuchi 1985c: 13; Stark 1936e: 143, 1952: 261. (**tx**) Berger 1916: 234; Choo 1983: 70; Eggers 1929b: 11, 1942c: 29; Kurenzov 1941a: 140–142, 1948b: 114; Michalski 1969a: 891, 1969b: 567; Nobuchi 1964: 133; Schedl 1934f: 1638, 1979c: 53; Stark 1936e: 143, 1952: 261.

***carpinivorus* Murayama** 1930b: 14. Holotype, sex?; Koryo (Korea); Murayama Collection in USNM, Washington.
Distribution: Asia (Korea).
Hosts: *Carpinus laxiflora*.
References: (**ds**) Cho 1957; Choo & Woo 1985: 164; Kleine 1934a: 142; Ko 1969: 275; Murayama 1930b: 10, 1937b: 375. (**tx**) Murayama 1930b: 10, 14–16, 1937b: 375; Schedl 1934f: 1639.

***chamaeciparіae* Niisima** 1910a: 10. Syntypes, sex?; Tokio, Japan (Garten der Tokioer Universitat); Nobuchi Collection, Ibaraki.
Distribution: Asia (Honshu in Japan).
Hosts: *Chamaecipariis obtusa*.
Notes: (3) Nobuchi 1985c: 15 (treated in *Hypothenemus*).
References: (**ds**) Kleine 1934a: 143; Murayama 1954b: 162; Nobuchi 1985c: 15. (**tx**) Murayama 1954b: 162; Niisima 1910a: 10; Schedl 1934f: 1640.

***chinlingensis* 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 1980: 192, Yin, Huang, & Li 1984: 108.
Distribution: Asia (Shanxi, Sichuan in China).
Hosts: *Pinus armandi*.
References: (**hb**) Li, Dang & Shi 1977: 72; Li & Zhou 1980: 72; Yang 1989c. (**ds**) Li, Dang, & Shi 1977: 72; Yin, Huang, & Li 1984: 107. (**tx**) Tsai & Li 1963: 605, 612, 623; Yin, Huang, & Li 1984: 107.

***ciliatipes* Blandford** 1896f: 242. Syntypes ♂; Noumea a Kone (Delauney), 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 1938f: 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**) Krivolutskaya 1983; Stark 1936e: 144, 1952: 269. (**tx**) Eggers 1942c: 28; Kurenzov 1948b: 113; Michalski 1969a: 891, 1969b: 567; Schedl 1979c: 66; Sokanovskii 1954: 17; Stark 1936e: 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 1985c: 13. (**tx**) Murayama 1954b: 199; Niisima 1908a: 91; Schedl 1934f: 1639.

***cylindricus* Browne** 1980b: 384. Holotype, sex?; Pagai Island (Mentawei Islands, Indonesia) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Mentawei).
References: (**ds**) Browne 1980b: 384, 1981b: 597.

***cylindrus* Browne** 1984d: 92. Holotype, sex?; New Guinea: Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Auracaria hunsteinii*.
References: (**tx**) Browne 1984d: 92.

***densepilosus* Schedl** 1943b: 36. Holotype, sex?; Mt. Makiling, Laguna, Luzon, Philippinen; Schedl Collection in NHMW, Wien.
Distribution: Philippine Islands (Luzon).
Hosts: *Ficus minnahassae*.
References: (**ds**) Schedl 1966b: 20. (**tx**) Nobuchi 1983: 300; Schedl 1943b: 36–37, 1953c: 295, 1979c: 77.

***dipterocarpi* Wood** 1989: 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. 1989: 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 1985c: 13. (**tx**) Nobuchi 1975: 57–58.

***diversicolor* Browne** 1984d: 90. Holotype, sex?; New Guinea: Sawmill L. A.; BMNH, London.
Distribution: New Guinea.
Hosts: *Araucaria hunsteinii*.
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.

*sericeus* Motschulsky 1866: 402 (*Hylesinus*). Holotype ♀; Ceylon; IZM, Moscow, preoccupied by Mannerheim 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**) Roonwal 1954: 89. (**hb**) Beaver & Browne 1978: 585; Browne 1938a, 1961c: 69; Kalshoven 1958b: 164; Yunus & Hua 1980: 228. (**ds**) Beaver & Browne 1975: 288, 1978: 585; Beeson 1961: 287; Browne 1938a, 1961c: 69; Hagedorn 1910d: 43; Kleine 1913b: 118, 1914b: 276, 278, 1934a: 142; Roonwal 1954: 89; Schedl 1938g: 424, 1962b: 186, 1966b: 21, 1971c: 376; Yunus & 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, Buitenzorg; 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?; Vanua Mbalavu: 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* (SLW).
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?; Fukushima (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*, *Evodia rutaecarpa*, *Ficus* spp., *Morus alba*, *M. bombycis*, *Salix* sp.
Notes: (3) Choo 1983: 71 (redescribed).
References: (**cn**) Anonymous 1980g; Clausen 1931; Shiraki 1952. (**hb**) Krivolutskaya 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; Krivolutskaya 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; Niisima 1908a: 89–90, 1909: 140, 142, 1910a: 8–9; Nobuchi 1959c: 23; Schedl 1934f: 1639; Yin, Huang, & Li 1984: 112.

*pilosus* Sasaki 1899: 238. Syntypes?; Japan, publication not seen. Synonymy: Niisima 1909: 144. References: (**tx**) Niisima 1909: 146; Sasaki 1899: 238.

***felis* Wood** 1989: 180. Holotype ♀; Mussoorie, Uttar Pradesh, India; FRI, Dehra Dun.
Distribution: Asia (Uttar Pradesh in India).
Hosts: *Quercus* sp., *Vitus* sp.
Notes: (1) This is *felis* Beeson, nomen nudum.
References: (**tx**) Schedl 1940d: 591, 1943b: 37; Wood, S. L. 1989: 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 1985c: 13. (**tx**) Murayama 1958: 933.

***formosanus* Schedl** 1942a: 175. Holotype, sex?; Formosa; Schedl Collection in NHMW, Wien.
Distribution: Asia (Taiwan).
References: (**ds**) Nobuchi 1967: 24. (**tx**) Murayama 1934c: 288; Schedl 1942a: 174–175, 1943b: 35, 1979c: 98.

***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** 1989: 180. Holotype, sex?; Tharal, Garhwal, Uttar Pradesh, India; FRI, Dehra Dun.
Distribution: Asia (Sichuan in China/ Uttar Pradesh in India).
Hosts: *Alnus nitida*.
Notes: (1) This is *fumineus* Beeson 1941 (1961: 286), nomen nudum.
References: (**ds**) Roonwal 1954: 59. (**tx**) Schedl 1940d: 591; Wood, S. L. 1989: 180.

***fulvus* Niisima** 1908a: 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. thunbergii*.
Notes: (3) Choo 1983: 72 (redescribed).
References: (**ay**) Sasakawa & Sasakawa 1981; 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. Yasumaga, Oshima, & Kuwatsuka 1962: 197–200; Yoshikawa et al. 1986. (**cn**) Anonymous 1980g; Godha et al. 1964; Inouye 1949a: 13, 110, 1949b; Ko 1984; Ko & Morimoto 1985; Nagasawa & Asano 1975; Nagasawa, Asano, & Fushimi 1968a, 1968b; Oda, Kato, & Nobuchi 1964; Sakai 1966: 120–129; Sakai et al. 1964: 61–68; Shiraki 1952; Yoshida & Fukuma 1972; Yoshida et al. 1974. (**cc**) Asano, Nagasawa, & Fushimi 1968; Heqvist 1967: 68; Kamijo 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; Nagawasa, 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 1988a: 134; Choo, Woo, & Park 1983: 175; Inouye 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 ♂; Kiautschou (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?; Chochiin, south Korea; USNM, Washington.

Distribution: Asia (Japan/ Korea).
Hosts: *Alnus sibirica*, *Ficus wightiana*, *Pinus maximowiczii*, *P. thunbergii*.
Notes: (3) Nobuchi 1985c: 16 (treated in *Hypothenemus* [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. Parcs 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**) Browne 1961c: 69; Schedl 1971c: 363. (**tx**) Schedl 1953c: 295, 1979c: 116.

***hirsutus*** **(Nobuchi)** 1975: 52 (*Taenioglyptes*). Holotype ♀; Komanoyu, 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. Syntypes?, 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** 1972e: 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 1972e: 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; Rhumbler 1922: 299, 1927: 312; Schimitschek 1937c: 52, 1955c: 82, 1955a: 44, 91, 1961a: 154; Schwerdtfeger 1944a: 183, 1957a: 188; Wichmann 1927b: 378. (**ec**) Hirschmann & Wisniewski 1982, 1983; Karpinski 1932a: 95; Kielczewski, Moser, & Weisniewski 1983; Kielczewski & Wisniewski 1978, 1980a, 1983; Kleine 1908c: 186; Michalski & Ratajczak 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; Gyorfi 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; Rhumbler 1922: 299, 1927: 312; Schimitschek 1955a: 44, 91; Schwerdtfeger 1944a: 183, 1957a: 188, 1981: 194; Stark 1952: 263; Tredl 1908a: 30–31; Wachtl 1876a: 458; Wichmann 1927b: 378. (**ds**) Calwer 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; Schaufuss 1915: 1232; Schedl 1980a: 14, 1981b: 74; Schilsky 1909: 188; Schremmer 1959: 137; Schwerdtfeger 1981: 194; Seidlitz 1872: 393, 1891a: 562; Stark 1936e: 143, 1952: 263; Stein 1868: 114; Stein & Weise 1877: 164; Tredl 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; Kuhnt 1913:

1055; Lucht 1987: 278; Niisima 1909: 144; Nunberg 1930, 1954: 52; Nusslin 1911a: 129; Pfeffer 1932b: 18, 1941b: 18, 1955a: 179, 1989a:pl. 6; Postner 1974: 430; Quaschik 1953: 35; Redtenbacher 1874: 376; Reitter 1894a: 70, 1913a: 67, 1916: 288; Rhumbler 1922: 299, 1927: 312; Schedl 1934f: 1639, 1980a: 14, 1981b: 74; Schimitschek 1937c: 52, 1955c: 82; Seidlitz 1872: 393, 1891a: 562; Stark 1936e: 143, 1952: 263. (**ms**) Escherich 1932b.

***jeholensis*** **Murayama** 1939: 143. Syntypes, sex?; Shotoku, Manchukuo; Murayama Collection in USNM, Washington.
Figures: Nakane et al. 1963: 382, Nobuchi 1966d:pl. 3.
Distribution: Asia (Hebei, "Manchuria" in China/ Japan/ Korea).
Hosts: *Abies firma, Pinus densiflora, P. nigra, P. tabulaeformis, P. thunbergii, Smilax china.*
Notes: (3) Inouye & Nobuchi 1957: 50 (redescribed).
References: (**ds**) Choo 1983: 73; Choo & Woo 1985: 164; Choo, Woo, & Nobuchi 1988a: 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: 382; Nobuchi 1966d: 23, 1985c: 14; Sawamoto 1940b: 141, 145; Tsai & Li 1963: 603, 605; Yin, Huang, & Li 1984: 110. (**tx**) Choo 1983: 73; Inouye & Nobuchi 1957a: 49; Murayama 1939: 140, 143, 1952a: 20, 1953a: 10, 1954b: 163; Nakane et al. 1963: 382; Nobuchi 1966d: 23, pl. 3; Sawamoto 1940b: 141–146; Yin, Huang, & Li 1984: 110.

***jezoensis*** **Inouye & Nobuchi** 1957: 49. Syntypes 13, sex?; Sounkyo, Daisetsu-zan National Park, Hokkaido, Japan; Nobuchi Collection, Ibaraki.
Distribution: Asia (Hokkaido in Japan).
Hosts: *Picea jezoensis.*
References: (**ds**) Nobuchi 1985c: 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 sieboldiana.*
References: (**cn**) Anonymous 1980g. (**ds**) Anonymous 1980g; Kleine 1934a: 142; Murayama 1954b: 199; Nobuchi 1985c: 14. (**tx**) Murayama 1954b: 199; Niisima 1913a: 3; Schedl 1934f: 1639, 1979c: 130.

***kagoshimensis*** **(Nobuchi)** 1975: 56 (*Tacnioglyptes*). 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: 288 *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: 288; Browne 1980a: 370.

***kivuensis*** **Schedl** 1957d: 48. Holotype, sex?: Congo Belge: Kivu, Hembe Bitale; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: *Ficus* cf. *capensis.*
References: (**ds**) Schedl 1961k: 464. (**tx**) Schedl 1957d: 48, 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.

***kurenzovi*** **Stark** 1936: 142, 150. Lectotype, sex?; Maykhe R. Valley, Far East Terr.; IZL, Leningrad, designated by Michalski 1969a: 891.
Distribution: Asia (Sakhalin Island, Siberia, Ussuri in E USSR).
Hosts: *Abies holophylla, A. nephrolepis.*
References: (**cn**) Kurenzov 1935c: 187. (**cc**) Kurenzov 1934a: 52. (**hb**) Kurenzov 1935a: 20, 1948b: 102, 1950d: 145; Stark 1952: 256. (**ds**) Kurenzov 1934a: 52, 1935a: 20, 1935c: 187, 1936b: 351, 1938a: 61, 1950: 145; Stark 1936e: 142, 150, 1952: 256. (**tx**) Eggers 1942c: 28–30; Krivolutskaya 1958: 141–143; Kurenzov 1941a: 142–143, 1948b: 102; Michalski 1969a: 891, 1969b: 567; Murayama 1961: 30; Nobuchi 1965: 130; Nobuchi & Takahashi 1965: 3; Pfeffer 1944a: 131; Schedl 1952k: 158; Sokanovskii 1954: 16; Stark 1936e: 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: 158; Sokanovskii 1958: 38; Stark 1951: 229. (**ms**) Pfeffer 1944a: 131.

*ussuriensis* Eggers 1942c: 29. Holotype, sex?; Ussuri; Eggers Collection, in NHMW, Wien. Synonymy: Schedl 1952k: 158.
References: (**hb**) Stark 1952: 269. (**ds**) Krivolutskaya 1983; Pfeffer 1944a: 131; Stark 1952: 269. (**tx**) Eggers 1942c: 29–30; Pfeffer 1944a: 131; Schedl 1952k: 158, 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**) Krivolutskaya 1968: 53–56, 1973: 136.

***kyotoensis*** **Nobuchi** 1966d: 53. Holotype ♀; Mizorogaike, Kyoto City, Japan; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1966e:pls. 1–2.
Distribution: Asia (Honshu in Japan).
Hosts: *Alnus firma*.
References: (**ds**) Nobuchi 1985c: 14. (**tx**) McNamara 1977: 196; Nobuchi 1966e: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. sachaliensis*, *Larix leptolepis*, *Picea jezoensis*, *Pinus densiflora*, *P. koraiensis*, *P. silvestris*, *P. thunbergii*.
Notes: (3) Inouye & Nobuchi 1957: 50 (redescribed).
References: (**en**) Anonymous 1980g. (**ec**) 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; Krivolutskaya 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 1974a: 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: (**en**) Kurenzov 1935c: 188. (**ec**) Kurenzov 1934a: 57. (**hb**) Kurenzov 1935a: 19, 32, 1948b: 103; Stark 1952: 264. (**ds**) Krivolutskaya 1983; Kurenzov 1934a: 57, 1935a: 19, 32, 1935c: 188, 1936a: 113, 1938a: 65, 1951b, 1967; Schedl 1969a: 202; Stark 1936e: 143, 1952: 264; Tsai & Li 1963: 602; Yanovskii & Tegshzhargal 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 1936e: 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.

***leprosulus*** **Browne** 1980e: 774. Holotype, sex?; Zaire: Riviere Samliki, 690 m; BMNH, London.
Distribution: Africa (Zaire).
References: (**tx**) Browne 1980e: 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.

***longipennis*** **(Browne)** 1970: 552 (*Taenioglyptes*). Holotype ♀; New Zealand: Greymouth; 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 (*Taenioglyptes*). Holotype ♀?; Hirogawara, Yamanashi pref., Japan; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1975:pl. 2, fig. 20.

Distribution: Asia (Japan).
Hosts: *Tsuga diversifolia*.
References: (**ds**) Nobuchi 1985c: 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. 1989: 171.

*morinda* Stebbing 1903: 265. Syntypes 2, sex?; Sakahar, Bashar, Punjab, India; FRI, Dehra Dun. Synonymy: Wood 1989: 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. 1989: 171.

***malloti*** **Schedl** 1943b: 37. Lectotype, sex?; Bagnio, Luzon, Philippinen; 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, 1988a: 134; Clausen 1931; Kleine 1913b: 118, 1914b: 257, 1934a: 142; Murayama 1954b: 199, 1955: 103; Nobuchi 1985c: 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; Krivolutskaya 1983; Kurenzov 1934a: 51, 1935a: 19, 30; 1935c: 191, 1936a: 111, 1936b: 350, 1938a: 61; Murayama 1939: 137, 1942a: 49, 55; Stark 1936e: 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 1936e: 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: 88–89; *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 1985c: 14. (**tx**) Nobuchi 1975: 55–56.

***minimus*** **Eggers** 1927c: 76. Lectotype, sex?; Philippinen: 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: *Picea asperata*.
References: (**ds**) Yin, Huang, & Li 1984: 101. (**tx**) Tsai & Li 1963: 602, 604, 608, 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.

***montanus*** **Nobuchi** 1964: 129. Holotype ♂; Shirotoge, Okumikko, Gunma pref., Japan; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1964: 129.
Distribution: Asia (Honshu in Japan).
Hosts: *Abies mariesii*.
References: (**cn**) Anonymous 1980g. (**ds**) Anonymous 1980g; Nobuchi 1985c: 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 *Ericryphalus 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: Bucanan 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: *Albizzia glaberrima*.
References:(**tx**) Browne 1973a: 289.

***nigricans*** **Schedl** 1943b: 35. Lectotype ♀; Baguio, Luzon, Philippinen; Schedl Collection in NHMW, Wien.
Distribution: Asia (Sri Lanka), Philippine Islands (Luzon).
Hosts: *Myristica dactylyoides*.
References: (**ds**) Schedl 1966b: 22. (**tx**) Nobuchi 1983: 300; Schedl 1942c: 172, 1943b: 35, 1979c: 167.

***niponensis*** **Inouye & Nobuchi** 1957a: 51. Syntypes 4, sex?; Somikyo, Daisetsu-zan National Park, Hokkaido, Japan; Nobuchi Collection, Ibaraki.
Distribution: Asia (Hokkaido in Japan).
Hosts: *Picea jezoensis*.
References: (**ds**) Nobuchi 1985c: 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 1978a; Grune 1979: 105. (**cn**) Chararas 1977c; Strohmeyer 1930: 2. (**cc**) Chararas, Desveaux, & Kogane-Charles 1978a; 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; Strohmeyer 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; Pfeffer 1935: 158, 1947d: 128; Pittioni 1943: 176; Postner 1974: 431; Reitter 1889a: 94, 1894a: 70; Schaufuss 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: 87; Henschel

1895a: 167; Hopkins 1915b: 37, 39; Pfeffer 1955a: 176; Postner 1974: 431; Reitter 1889a: 94, 1894a: 70, 1913a: 66; Schedl 1934f: 1639; Strohmeyer 1930: 1–7.

***nyalubombeae*** **Schedl** 1957d: 49. Holotype, sex?; Congo Belge: Kivu, Mt. Kahuzi; MRCB, Tervuren.
Figures: Schedl 1961k: 465.
Distribution: Africa (Zaire).
Hosts: *Xymalos 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 (Honshu in Japan).
Hosts: *Pinus densiflora*.
Notes: (3) Nobuchi 1985c: 16 (treated in *Hypothenemus* [not seen by us]).
References: (**ds**) Kleine 1934a: 143; Murayama 1948: 2, 1949a: 12, 1951c: 3, 1953a: 10, 1954b: 164; Nobuchi 1966b: 22, 1985c: 16. (**tx**) Murayama 1953a: 10, 1954b: 164; Niisima 1910a: 9; Nobuchi 1966b: 22; Schedl 1934f: 1640.

***orientalis*** **Eggers** 1911a: 122. No mention of types; Herzegowina: Metallon Pass; not given.
Distribution: Europe (Yugoslavia).
Notes: (1) Originally named as a subspecies of *piceae*, elevated to species rank by Stark 1936e: 143.
References: (**ec**) Krivosheina 1974; Nikitsky 1978; Poinar 1975: 151. (**hb**) Stark 1952: 260. (**ds**) Arnoldi et al. 1955: 689; Pfeffer 1924b: 472; Pjatnitskii 1930a: 165; Stark 1936e: 143, 1952: 260. (**tx**) Eggers 1911a: 122–123; Iablokoff-Khnzorian 1961: 157; Pfeffer 1932b: 17; Pjatnitskii 1932: 295–302; Schedl 1934f: 1639; Sokanovskii 1954: 17; Stark 1936e: 143, 1952: 260.

***paganus*** **Eichhoff** 1878b: 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, 1964e: 68, 1971g: 190. (**tx**) Browne 1965: 188; Eggers 1943c: 68; Eichhoff 1878b: 43, 129–130, 474; Hagedorn 1910a: 87; Schedl 1961k: 465, 1962k: 1068, 1979c: 182.

***palawanus*** **Schedl** 1942a: 174. Syntypes, sex?; N. Palawan, Binalnan, 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 1983: 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 melleri*, *F. thonningii*.
References: (**hb**) Beaver 1987a: 17; Paulian 1951: 27; Schedl 1961k: 466. (**ds**) Alluaud 1900: 439; Anonymous 1892: 165; Beaver 1987a: 17; Fairmaire 1892b; Gemminger & Harold 1872: 2683; Hagedorn 1910d: 44; Kleine 1913b: 119; Lee 1971: 31; Lepesme 1948: 145; Paulian 1951: 27; Sampson 1914: 382; Schedl 1961k: 466. (**tx**) Duffy 1953: 13; Eichhoff 1872a: 131, 1878b: 127–128, 530; Fairmaire 1892b; Hagedorn 1910a: 87, 1913b: 254; Lepesme 1948: 145; Powell, W. 1980: 29; Sampson 1914: 382; Schedl 1951j: 19, 1961k: 466, 1969d: 8, 11, 1977a: 40, 1979c: 182.

***parvulus*** **Niisima** 1910a: 8. Holotype, sex?; Tokio, Japan; Nobuchi Collection, Ibaraki.
Distribution: Asia (Honshu in Japan).
References: (**ds**) Murayama 1954b: 199; Nobuchi 1985c: 14. (**tx**) Murayama 1954b: 199; Niisima 1910a: 8; Schedl 1934f: 1640.

***parvus*** **Browne** 1984a: 152. Holotype, sex?; Viru Harbour (Solomon Islands) to Shimizu (Japan), imported; BMNH, London.
Distribution: Solomon Islands.
References: (**tx**) Browne 1984a: 152.

***pexus*** **Schedl** 1979f: 104. Holotype, sex?; Samoa, Upolu, Tapatapao; Schedl Collection in NHMW, Wien.
Distribution: Samoan Islands.
References: (**tx**) Schedl 1979f: 104.

***piceae*** **(Ratzeburg)** 1837: 163 (*Bostrichus*). Syntypes, 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. glehni*, *P. jezoensis*, *Pinus densiflora*.
Notes: (3) Inoue & Nobuchi 1957: 52 (redescribed). Ferrari 1867a: 12 misidentified *asperatus* var. *abietis*; it was actually *piceae*.
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 1981: 193; Wichmann 1953a: 107, 1967. (**en**) Androic 1966: 48; Barbey 1901: 69, 1906a, 1925: 162; Bezares 1921, 1929: 38–42; Borcea 1924: 221–260, 1930: 271; Braun 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; Ehnstrom 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 & Georgevits 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; Mizuno 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; Schneeberg 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; Sinreich 1958: 196–198, 1961: 166, 1962; Slander 1948: 10; Spaic 1955: 454; Stockl 1941: 177; Strohmeyer 1930: 2; Sturm 1843: 230; Thalenhorst 1950: 90; Tamanuki 1933: 1–54; Tomic 1957: 207–210; Trinchieri 1921: 1–12; Wachtl 1901: 381; Wahl & Muller 1913: 1–70, 1919: 168–170; Wardle 1929: 325; Weber, H. 1926: 578; Wilke 1931: 636; Wohlmann 1936: 41; Wolff & Krausse 1922: 88; Yanagisawa 1952: 106; Zivojinovic 1950: 299–310. (**ec**) Apfelbeck 1916b; Balazy & Michalski 1964b; Barbey 1906a; Belanowskii 1930; Capecki 1982; Capek 1957; Capek & Capecki 1979; Chararas 1958b, 1959a, 1959c, 1959d, 1959e, 1959f, 1960a: 31; Chararas et al. 1982: 1094; Fuchs 1914a, 1929a, 1930; Gaulle 1906: 237; Gyorfi 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; Kielczewski, Moser, & Wisniewski 1983; Kielczewski & Wisniewski 1978, 1983; Kleine 1908c: 186, 1909a: 46, 1944: 80; Kraemer 1950b: 384; Krol & Zabecki 1976; Merker 1954b: 209; Michalski & Ragajczak 1989; Nishiguchi 1959: 271; Nosek 1951: 105, 1952b: 98; Nunberg 1930: 203; Nusslin 1927: 300; Perris 1856a: 244; Pfeffer 1923a: 331, 1928b: 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; Yasumatsu & Watanabe 1965: 68. (**hb**) Altum 1881c: 322; Apfelbeck 1916b, 1917; Barbey 1901: 10, 22, 69, 1913, 1925: 162, 1934, 1942; Bargmann 1897a, 1900, 1906; Beffa 1949, 1961; Borcea 1924; Braun 1941c; Cecconi 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; Gyorfi 1957; Hadorn 1933; Helmbacher 1924; Hennings 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: 384; Kurenzov 1935a: 20; Lengerken 1939: 39, 1954: 82; Maksymov 1950: 502; Masutti 1964; Mizuno 1963; Nordlinger 1856: 29; Novak, V., Hrozinka, & Stary 1976: 69; Nunberg 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, 1981: 193; Sedlaczek 1900: 503, 1921: 335, 1935a: 163; Spessivtsev 1913a: 91; Stark 1952: 260; Strohmeyer 1930: 2; Szujecki 1955: 242; Wachtl 1901: 381; Weber, H. 1926: 578; Wolff & Krausse 1922: 88. (**ds**) Acloque 1896; Allen, A. A. 1965b: 47; Ammann & Knabl 1923; Androic 1966: 48–49; Anonymous 1928c: 202; Arnoldi et al. 1955: 689; Arru, Covassi, & de Bellis 1966: 32; Andras & Schaefer 1957; Bach 1854: 136; Barthe 1896; Bau 1888; Baudisch 1899; Bedel 1888b: 398, 414; Beffa 1949; Bielz 1887;

Blanchere & Robert 1889; Blatchley & Leng 1916: 606; Borcea 1924; Borchert 1951; Brakman 1966b: 206; Brancsik 1906; Bucking 1932; Buresh & Lazarov 1956; Capek et al. 1957; Cecconi 1897, 1906; Chamberlin 1939: 315; Chapuis & Candeze 1853; Charvat 1950; Cho 1955, 1957; Choo 1983: 74; Choo & Woo 1985: 165; Chorbadzhievo 1924d, 1929; Crotch 1863; Eggers 1904; Endrodi 1958b; Escalera 1919; Fowler 1891; Fuchs 1904a, 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; Holdhaus & 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: 558; Ko 1969: 275; Kocher 1953: 133; Kono 1938b: 65; Kono & Tamanuki 1939: 88, 92–93; Kovacevic 1957: 67; Kraatz 1869: 59; Krivolutskaya 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 1987: 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; Negru 1966b: 402, 1968a: 456; Nobuchi 1966d: 24, 1985c: 14; Nunberg 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; Roubal 1941: 263; Sainte-Claire & Mequignon 1938: 445; Schaufuss 1915: 1231; Schaum 1859: 96, 1862: 101; Schedl 1959h: 100, 1964a, 1967c: 70, 1980a: 14, 1981b: 74; Scheerpeltz & 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, 1936e: 143, 1952: 260; Stein 1868: 114; Stein & Weise 1877: 164; Stierlin 1898: 439; Stierlin & Gautard 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. 1983: 8. (**tx**) Acloque 1896; Allen, A. A. 1965b; Bach 1854; Balachowsky 1949a: 16, 204, 206, 208; Barbey 1901: 10, 22, 69; Bedel 1888b: 398, 414; Beffa 1949, 1961; Bertolini 1872; Blatchley & Leng 1916: 606; Browne 1970: 552; Ceballos 1945; Chapuis & Candeze 1853; Chararas 1962c: 242; Charvat 1950; Choo 1983: 74; Chorbadzhievo 1924d; Csiki 1910; Doebner 1860, 1862; Dombrowsky 1887; Duffy 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; Fauvel 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; Kauna 1970: 278; Knotek 1892a: 37; Koch 1913: 95; Kuhnt 1913: 1055; Lacordaire 1866: 379; Letzner 1891: 375; Lucht 1987: 278; Murayama 1950b: 1291, 1953a: 10, 1954b: 164; Negru 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; Nunberg 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; Schimitschek 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; Fankhanser 1885: 185; Mizuno 1963; Reh 1900a: 94; Ritter 1929: 555; Schimitschek 1955b: 102; Sedlaczek 1936: 200; Sinreich 1962.

*hattorii* Kono 1938b: 67. Holotype, sex?; Nukahira; Kono Collection. Synonymy: Inouye & Nobuchi 1957a: 52.
References: (**cn**) Inouye & Yamaguchi 1955a: 235. (**ec**) 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 (Ayancik); Eggers Collection, in NHMW, Wien. Synonymy: Wood 1992a: 89.
References: (**cn**) Schimitschek 1944: 172. (**ec**) Schimitschek 1941a: 305. (**hb**) Schimitschek 1944: 172. (**tx**) Eggers 1940g: 37–38; Schedl 1979c: 241; Wood, S. L. 1992a: 89.

***piceus* Eggers** 1926b: 136. Lectotype, sex?; Hokkaido (Jozankei); USNM, Washington, designated by Anderson & Anderson 1971: 25.
Figures: Tsai & Li 1959: 88.
Distribution: Asia (Heilongjiang in China/ N Japan/ Sakhalin Island, Siberia in E USSR).
Hosts: *Picea excelsa, P. glehni, P. jezoensis, P. obovata, Pinus koraiensis, P. montana.*
References: (**en**) Anonymous 1980g; Inouye 1955; Inouye & Yamaguchi 1955a: 235; Kurenzov 1935c: 187, 1950a: 6, 1956a: 90, 1956b: 29. (**ec**) Inouye & Yamaguchi 1955a: 235; Kono & Watanabe 1935: 69; Kurenzov 1934a: 57; Nishiguchi 1960c: 64–73. (**hb**) Inouye, Koizumi, & Takai 1954: 129; Krivolutskaya 1956: 832, 1973: 134; Kurenzov 1935a: 32, 1948b: 109, 1950d: 146; Lunardoni & Leonardi 1889: 457; Munro 1926: 60. (**ds**) Anonymous 1980g; Krivolutskaya 1956: 832, 1965a: 232, 1973: 134; Kurenzov 1934a: 57, 1935a: 32, 1935c: 187, 1936a: 111, 1936b: 351, 1938a: 59, 1957b: 17, 1965; Lunardoni & Leonardi 1889: 457; Murayama 1951c: 4, 1954b: 199; Stark 1936e: 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; Krivolutskaya 1956: 832, 1958: 142; Kurenzov 1941a: 146–147, 1948b: 109, 1950: 146; Lunardoni & Leonardi 1889: 457; Murayama 1954b: 199, 1958: 934; Schedl 1934f: 1639, 1979c: 193; Stark 1936e: 144, 151, 1952: 268; Tsai & Li 1959: 88, 1963: 605; Yin, Huang, & Li 1984: 108.

***pilifer* Eggers** 1927b: 394. Syntypes 1 ♂, 1 ♀; Sumatra (Si Rambe); 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 1878b: 135 (redescribed).
References: (**ds**) Brimblecombe 1953: 17; Gemminger & Harold 1872: 2683; Hagedorn 1910d: 44; Kleine 1913b: 119, 1914b: 299. (**tx**) Eichhoff 1878b: 135; Erichson 1842: 212; Ferrari 1867a: 17; Hagedorn 1910a: 87; Lea 1910a: 143; Schedl 1936g: 527; 1943b: 36.

***pilosulus* Browne** 1980b: 385. Holotype, sex?; Kimi (New Guinea) to Yatsushiro (Japan), imported; BMNH, London.
Distribution: New Guinea.
References: (**tx**) Browne 1980b: 385.

***pilosus* Tsai & Li** 1963: 606, 617, 624. Holotype, sex?; Ssuchuan, 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** 1978d: 74. Holotype, sex?; Neukaledonien, Col. d'Amieu; Schedl Collection in NHMW, Wien.
Distribution: New Caledonia Island.
References: (**tx**) Schedl 1978d: 74.

***premayaensis* Murayama** 1943b: 97. Holotype ♂; Premaya, dans le grand Khingan, 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: (**en**) Kurenzov 1935c: 189. (**ec**) Kurenzov 1934a: 50. (**hb**) Kurenzov 1935a: 19, 31, 1948b: 121; Stark 1952: 270. (**ds**) Kleine 1934a: 142; Krivolutskaya 1958: 144, 1983; Krivolutskaya & Kupyanskaya 1970; Kurenzov 1934a: 50, 1935a: 19, 31, 1935c: 189, 1936a: 110, 1936b: 350; Stark 1936e: 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 1936e: 144, 151, 1942: 270.

***pseudochiulingensis* Tsai & Li** 1963: 605, 610, 623. Holotype ♂; Shenhsi (Hsze Chuan), China.
Distribution: Asia (Shanxi in China).
Hosts: *Pinus armandi, P. tabulaeformis.*
References: (**hb**) Yang 1989c. (**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, Imbil; 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 1918a: 87. (**cc**) Deyrup & Gara 1978: 274; Kinn 1971; Marsh 1979: 150, 158. (**hb**) Bright & Stark 1973: 67; Chamberlin 1939: 314, 1958: 133; Daterman, Rudinsky, & Nagel 1965; DeLeon 1952: 78; Doane et al. 1936; Hopkins 1904a: 16; Swaine 1918a: 87; Wood, S. L. 1953: 84, 1954a: 1003. (**ds**) Bright 1976d: 112; Bright & Stark 1973: 67; Chamberlin 1925, 1939: 314, 1958: 133; DeLeon 1952; Furniss, 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 1918a: 87–88; 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 1918a: 87–88. (**hb**) Chamberlin 1939: 313; Doane et al. 1936; Swaine 1918a: 87–88. (**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 1918a: 87–88; Wood, S. L. 1954a: 959, 979, 1003.

***pulchellus* (Nobuchi)** 1975: 54 (*Tuenioglyptes*). 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.

***punctatostriatus* 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** 1984: 66. Holotype, sex?; New Guinea: Morobe District, Wau, Kunai Creek; BMNH, London.
Distribution: New Guinea.
References: (**ds**) Browne 1984c: 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?; Neu-Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1942c: 171, 1979c: 206.

***pusillus* Schedl** 1943b: 38. 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: 38, 1951i: 50, 1979c: 206.

***redikorzeri* 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**) Krivolutskaya 1956: 838; Kurenzov 1935a: 19, 32, 1948b: 102, 1950d: 144; Stark 1952: 257. (**ds**) Kleine 1934a: 142; Krivolutskaya 1956: 838, 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; Krivolutskaya 1956: 838, 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 1985c: 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 mangiferae* 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: 87; 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: 87, 1954a: 1004. (**ds**) Baker, W. L. 1972: 259; Blackman 1950; Blatchley & Leng 1916: 606; Chamberlin 1925, 1939: 313; Drooz 1985: 363; Kleine 1934a: 142; Wood, S. L. 1982b: 869. (**tx**) Blackman 1922c: 126–128; Blatchley & Leng 1916: 606; Chamberlin 1939: 313; Hopkins 1915b: 39–40; Wood, S. L. 1953: 87, 1954a: 959, 979, 1004, 1982b: 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. (**ec**) 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, 1982b: 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 1985: 363; Elias 1982c, 1985: 39; Evans, D., Lowe, & Hunt 1978; Furniss, M. M. 1978; Furniss, R. L. & Carolin 1977: 377; Gast et al. 1989: 385; Gautreau & Melvin 1974: 14; Hertert, Miller, & Partridge 1975: 201; Kusch 1967; Miller, R. F. & Morgan 1982; Miller, R. F., Morgan, & Hicock 1985: 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, 1982b: 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, 1982b: 870, 1989: 171.

*approximatus* Hopkins 1915b: 40. Holotype ♀; Sandpoint, Idaho [USA]; USNM, Washington. Synonymy: Wood 1954a: 1005.
References: (**cn**) Doane et al. 1936; Swaine 1918a: 87. (**hb**) Chamberlin 1939: 315; Doane et al. 1936; Swaine 1918a: 87. (**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 1918a: 87; 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, 1982b: 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 1985: 363; Kleine 1934a: 142; Lindquist, O. H. & Syme 1981: 106; Wood, S. L. 1982b: 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, 1982b: 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: 148, 1950; Doane et al. 1936; Swaine 1918a: 87, 89. (**ec**) Felt 1906: 673. (**hb**) Blackman 1950; Chamberlin 1939: 313; Doane et al. 1936; Felt 1906: 673; Swaine 1918a: 87, 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; Blatchley & Leng 1916: 607; Chamberlin 1939: 313; Dodge 1938; Hopkins 1915b: 40–41; Swaine 1918a: 87, 89; 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 1918a; Schedl 1958d: 190. (**hb**) Chamberlin 1939: 312, 1958: 134; Doane et al. 1936; Wood, S. L. 1954a: 1008. (**ds**) Chamberlin 1917, 1918a: 13, 1925, 1939: 312, 1958: 134; Keen 1929a: 29; Kleine 1934a: 142; Patterson & Hatch 1945: 152. (**tx**) Bright 1967c: 681; Chamberlin 1917: 321–322, 1939: 312, 1958: 134; Keen 1929a: 29; de Ruette 1970: 99; Wood, S. L. 1954a: 959, 1002, 1005, 1008, 1977d: 512.

*canadensis* Chamberlin 1918: 88. Holotype ♀; Roger's Pass, British Columbia [Canada]; CNCI, Ottawa. Synonymy: Wood 1954a: 1006.

References: (**cn**) Swaine 1918a: 87–88. (**hb**) Chamberlin 1939: 314; Swaine 1918a: 87–88. (**ds**) Chamberlin 1939: 314; Hopping 1922; Keen 1929a: 29; Kleine 1934a: 142. (**tx**) Chamberlin 1918: 87–88, 1939: 314; Keen 1929a: 29; de Ruette 1970: 99; Swaine 1918a: 87–88; Wood, S. L. 1954a: 1006.

*maimensis* 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 Ruette 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 NHMW, Wien.

Distribution: Indonesia (Celebes).

References: (**tx**) Schedl 1942a: 174, 1979c: 215.

***rugosus* (Schedl)** 1958b: 102 (*Ericryphalus*). Lectotype, sex?; Malaya, Selangor, Kepong; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 216–217.

Distribution: Asia (Malaya).

Hosts: *Shorea gysbertsiana*.

References: (**ds**) Browne 1961c: 70. (**tx**) Schedl 1958b: 102, 1979c: 216–217.

***saltuarius* Weise** 1891: 336. Syntypes?, sex?; 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 1968. (**cn**) Chorbadzhievo 1929; Escherich 1923b: 481, 616; Esterberg 1959; Gabler 1955; Juutinen 1960: 24; Kailidis & Georgevits 1972; Koch 1913: 95; Kozikowsky 1929: 254; Kurenzov 1935c: 188; Marcu 1926c: 63; Nestertschuk 1930: 176; Nosek 1951: 106, 1952b: 98; Nuorteva & Nuorteva 1968; 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. (**ec**) Annila 1977; Borodin 1967b; Heqvist 1963: 153; Kangas 1946b: 22; Karpinski 1932a: 103; Kleine 1908c: 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 1968; Nusslin 1927: 300; Palmen 1946: 194; Pfeffer 1923a: 331, 1932a: 16, 1949b: 147, 150, 1950c: 2, 1959: 5; Rhumbler 1922: 299; Ruhm 1955c: 176, 1956b: 3; Saalas 1917a: 18, 1928: 652, 1949: 342, 372; Schwerdtfeger 1944a: 180; Wichmann 1959: 412. (**hb**) Annila 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; Beffa 1949; Borchert 1951; Brakman 1966b: 206; Bucking 1932; Buresh & Lazarov 1956; Butovitsch & Heqvist 1947; Charvat 1950; Chorbadzhievo 1924d, 1929; Eggers 1904; Endrodi 1958b; Escherich 1923b: 481, 597, 1932b; Esterberg 1959; Florov 1949: 84; Fuchs 1905a; Gornostaev 1917; Grune 1979: 107; Hagedorn 1910a: 45; Hansen, V. 1939, 1956; Hellen 1947; Helliesen 1916: 84; Herger 1985c: 91; Heyden, Reitter, & Weise 1891: 671, 1906: 711; Holdhaus & Deubel 1910: 160; Horion 1951; Kailidis & Georgevits 1972; Karpinski 1932a: 103, 1948a: 173, 1948b: 230; Karpinski & Strawinski 1948: 155; Kiefer et al. 1942: 528; Klefbeck & Sjoberg 1960: 230–231; Kleine 1912a: 263, 1913a: 35, 1913b: 119, 1934a: 142; Knotek 1899b: 1, 1901: 565; Krivolutskaya 1983; Kurenzov 1934a: 54, 1935a: 20, 32, 1935c: 188; Langhoffer 1915c: 157; Lindberg & Saris 1952: 59; Lomnicki 1913b: 148; Lucht 1987: 278; Lundberg 1974: 92; Marcu 1926c: 63; Munster 1928: 289; Nunberg 1928b: 85, 105, 1954: 52; Nuorteva 1971: 67; Nusslin 1898: 280; Orest 1926c: 63; Palm 1946: 122; Palmen 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); Beffa 1949; Charvat 1950; Chorbadzhievo 1924d; Eggers 1914: 188; Endrodi 1957a: 307, 1957b; Escherich 1923b: 481, 597; Fleischer 1927; Formanek 1907: 35; Gabler 1955; Grune 1979: 106–107; Hagedorn 1910a: 88; Hansen, V. 1956; Inouye & Nobuchi 1957a: 49; Kalina 1970: 125; Karpinski & Strawinski 1948: 155; Koch 1913: 95; Kurenzov 1941: 150–151, 1948b: 110; Lucht 1987: 278; Nunberg 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; Kozikowsky 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: 287. (**tx**) Beaver 1976b: 534; Beeson 1929: 224–226, 1935: 107, 1938b: 287; Schedl 1951k: 133.

***sarawakensis* Schedl** 1972m: 199. Holotype, sex?; Borneo, Sarawak, Mt. Semrisoon, 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 1985c: 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: *Afzelia bijuga*, *Albizzia stipulata*, *Bassia latifolia*, *Bombax malabaricum*, *Buchanania lanzan*, *Canarium euphyllum*, *Excaecaria agallocha*, *Ficus* spp., *Garuga pinnata*, *Mesua ferrea*, *Odina 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 1958; Hagedorn 1910d: 45; Kleine 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?;

Hindostan (Birma); Hamburg Museum, lost. Synonymy: Wood 1989: 172.
References: (**cn**) Roonwal 1954: 40. (**hb**) Beaver 1987a: 17; Beaver & Browne 1978: 584. (**ds**) Beaver 1987a: 17; Beaver & Browne 1978: 584; Beeson 1935: 107, 1961: 287; Browne 1961c: 69, 1984c: 449; Hagedorn 1910d: 41, 1913b: 118, 1914b: 278, 1934a: 142; Ohno, Yoshioka et al. 1988a: 91, 1989: 60; Roonwal 1954: 40. (**tx**) Eggers 1925: 152; Eichhoff 1878a: 385, 1878b: 490; Hagedorn 1910a: 86; Schedl 1958b: 99; Wood, S. L. 1989: 172.

*dilutus* Eichhoff 1878b: 490. Holotype, sex?; Hindostan (Birma); Dohrn Collection in Stettin Museum, now in Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 172.
References: (**ds**) Beaver & Browne 1975: 288; Browne 1980b: 380, 1984a: 150, 1985a: 191; Hagedorn 1910d: 41; Kleine 1913b: 118, 1914b: 278; Ohno, Yoshioka, et al. 1988a: 91, 1989: 60; Schedl 1960h: 104. (**tx**) Eggers 1925: 152; Eichhoff 1878a: 384, 1878b: 490; Hagedorn 1910a: 86; Nobuchi 1983: 300; Schedl 1960h: 104, 1979c: 81; Wood, S. L. 1989: 172.

*brevisetosus* Schedl 1943b: 36. Lectotype ♀; Bagnio, Luzon, Philippinen; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 47. Synonymy: Wood 1992b: 82.
References: (**ds**) Schedl 1959a: 481, 1966b: 19. (**tx**) Nobuchi 1983: 300; Schedl 1942a: 174, 1943b: 36, 1952b: 367, 1955b: 288, 1959a: 481, 1979c: 47; Wood, S. L. 1992b: 82.

***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: 228. 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: (**en**) Kurenzov 1935c: 189. (**ec**) Kurenzov 1934a: 50, 1951e: 66. (**hb**) Kurenzov 1935a: 19, 31, 1951e: 66; Stark 1952: 258. (**ds**) Krivolutskaya 1983; Krivolutskaya & Kupyanskaya 1970; Kurenzov 1934a: 50, 1935a: 19, 31, 1935c: 189, 1936a: 110, 1936b: 350, 1938a: 59; Nobuchi 1985c: 15; Stark 1936e: 143, 1952: 258. (**tx**) Berger 1916: 228; 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, Snani 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: 182; 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; ISBN, 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 1983; 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 1878b: 136; Ferrari 1867a: 17, 75, 1868: 252; Hagedorn 1910a: 88; Nordlinger 1856: 75.

***silvanus* Schedl** 1951k: 145. Lectotype ♂; Samoa, Upolu, Apia, Falefa Falls, Tapatapao 800 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, 1958h: 498–499, 1979c: 229.

***similis* (Eggers)** 1922b: 168 (*Stephanoderes*). Syntypes 6, sex?; S.O. Usagara und Nyerengere (Deutsch-Ostafrika); Methner Collection and 2 Eggers syntypes in NHMW, Wien.
Distribution: Africa (Tanzania).
Notes: (1) Schedl 1939i: 383 (to *Cryphalus*).
References: (**tx**) Eggers 1922b: 168; Schedl 1939i: 383, 1961k: 457, 1979c: 230.

***simplex* (Schedl)** 1939e: 341 (*Ericryphalus*). 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 (*Taenioglyptes*). Holotype ♀; Mt. Hayachine, 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.

***sparsepilosus* 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: 38. Holotype, sex?; Borneo; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Borneo).
References: (**tx**) Schedl 1943b: 38, 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 Omaezaki (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: 238.
Distribution: Fiji Islands.
References: (**ds**) Browne 1974a: 64. (**tx**) Schedl 1950f: 50, 1979c: 238.

***strohmeyeri* Stebbing** 1914: 538. Syntypes 2, sex?; Jamsar, NW Himalaya, Chakrata, Uttar Pradesh, India; FRI, Dehra Dun, automatic.
Distribution: Asia (Sichuan, Xizang [Tibet], Yunnan in China/ Bengal, Kashmir, Uttar Pradesh in India).
Hosts: *Abies donsa, A. pindrow, A. webbiana, Pinus excelsa*.
References: (**cn**) Pierce, W. D. 1917: 79; Roonwal 1954: 12; Stebbing 1914: 538. (**ec**) Stebbing 1914: 538. (**hb**) Stebbing 1914: 538. (**ds**) Beeson 1961: 286; Kleine 1934a: 142; Pierce, W. D. 1917: 79; Roonwal 1954: 12; Yin & Huang 1981: 561. (**tx**) Schedl 1939i: 380; Stebbing 1914: 538; Yin & Huang 1981: 561.
*indicus* Stebbing 1902: 403. Syntypes 2, sex?; Jamsar, NW Himalaya, Chakrata, Uttar Pradesh, India; FRI, Dehra Dun, preoccupied by Eichhoff 1878.
References: (**ds**) Hagedorn 1910d: 43; Kleine 1913b: 118, 1934a: 142. (**tx**) Hagedorn 1910a: 87; Stebbing 1902: 403, 1914: 538.

***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 1938f: 47, 1948g: 25, 1979c: 240.

***subgranulatus* Schedl** 1943b: 37. Holotype, sex?; S. Theodoro, Ins. Mindoro, Philippinen; 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: 385, 1878b: 492; Hagedorn 1910a: 88.

***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 sideroxylon*, *Sloetia elongata*.
References: (**hb**) Beaver & Browne 1978: 585; Browne 1961c: 70. (**ds**) Beaver & Browne 1978: 585; Browne 1961c: 70, 1984a: 151; Schedl 1959a: 482. (**tx**) Schedl 1942a: 174, 1953c: 288, 1959a: 482, 1979c: 244.

***subtuberculatus* Schedl** 1942c: 168. Holotype, sex?; N.O. Papua, Mt. Lamington; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1942c: 168, 1979c: 245.

***subvestitus* Schedl** 1959a: 482. Syntypes ♀; Ceylon: Millawitiya Estate; Schedl Collection in NHMW, Wien.
Distribution: Asia (Sri Lanka).
References: (**ds**) Schedl 1959a: 482. (**tx**) Schedl 1959a: 482, 1979c: 245.

***sundaensis* Schedl** 1942d: 14. Lectotype, sex?; Java, Buitenzorg; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 247.
Distribution: Asia (Burma/ Thailand), Indonesia (Java).
References: (**hb**) Kalshoven 1958b: 165. (**ds**) Beaver & Browne 1975: 289; Schedl 1969c: 50. (**tx**) Schedl 1942d: 14, 1943b: 36, 1979c: 247.

***sylvicola* (Perkins)** 1900: 181 (*Hypothenemus*). Syntypes, sex?; Lanai and Kauai, Hawaiian Islands; BMNH, London.
Distribution: Cook Islands, Fiji Islands, Hawaiian Islands, Micronesia (Caroline Islands, Guam, Mariana Islands), Niue Island, Philippine Islands, Samoan Islands.
Hosts: *Acacia* sp., *Artocarpus* sp., *Ficus* spp., *Ilex* sp., *Pinus insularis*, *Piper guahamense*.
References: (**hb**) Beaver 1976b: 534. (**ds**) Beaver 1976b: 534; Beeson 1938b: 289; Browne 1970: 540, 1974a: 64; Hagedorn 1910d: 45; Kleine 1913b: 124; Krauss 1943: 88; Schedl 1972b: 267; Swezey 1949: 446, 1954: 116; Wood, S. L. 1960a: 23. (**tx**) Browne 1970: 520; Hagedorn 1910a: 88; Perkins 1900: 181; Schedl 1934g: 177, 179, 1939e: 327, 1941f: 111, 1950f: 48, 1963i: 62; Swezey 1949: 446; Wood, S. L. 1960a: 23, 1989: 172.

*henshawi* Hopkins 1915b: 38 (*Ericryphalus*). Holotype ♀; Hilo, Hawaii; USNM, Washington. Synonymy: Schedl 1941f: 111.
References: (**ds**) Beeson 1938: 288, 1939: 446; Ford 1960: 333; Swezey 1949: 446. (**tx**) Hopkins 1915b: 38; Schedl 1941f: 111, 1963i: 62; Swezey 1949: 446.

*pini* Hopkins 1915b: 39 (*Piperius*). Holotype ♀; Baguio, Philippine Islands; USNM, Washington. Synonymy: Schedl 1963i: 62.
References: (**ds**) Kleine 1934a: 148. (**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 1989: 172.
References: (**ds**) Swezey 1949: 446, 448. (**tx**) Schedl 1942b: 147–148, 1943b: 34, 1979c: 248; Wood 1960a: 23–25, 1989: 172.

*dimorphus* Schedl 1950f: 38. Lectotype ♀; Fiji, Vanua Mbalavu: Loma Loma, 200–500 ft., Myana, 200 ft., 700 ft., Ovalau near Vuna, 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: 38, 49, 1979c: 81.

*sylvicola obliquus* Schedl 1950f: 48. Lectotype ♀; Fiji: Vanua Moalavu, Loma Loma; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 248. Synonymy: Wood 1960a: 23, 1989: 172.
References: (**tx**) Schedl 1950f: 48, 1951k: 133, 1979c: 248; Wood, S. L. 1960a: 23, 1989: 172.

***szechuanensis* Tsai & Li** 1963: 605, 614, 624. Holotype ♂; Te Chaung, 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 tehchangensis* Tsai & Li 1963: 606, 615, 624. Holotype ♂; Te Chaung, 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.

***taiwanus* 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: (**ec**) 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: 384. Holotype, sex?; Pulau Adi (New Guinea) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: *Terminalia* sp.
References: (**ds**) Browne 1984b: 287; Ohno, Yoshioka, et al. 1988a: 91, 1989: 60. (**tx**) Browne 1980b: 384.

***tetricus* (Schedl)** 1940b: 437 (*Ericryphalus*). 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, Hakahetau Valley, 2600 feet; BMNH, London.
Distribution: Hawaiian Islands, Marquesas Islands.
Hosts: *Artocarpus altilis*.
References: (**ds**) Beeson 1938b: 288, 1939: 106; Gemminger & Harold 1872: 2692; Van Zwalenwenburg 1956: 9. (**tx**) Beeson 1935: 106–107.

***trypanus* Sampson** 1914: 383. Holotype ♂; Seychelles, Silhouette, from near Mont Pot-a-eau, 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 (*Ericryphalus*). Syntypes 3 ♀; Marquesas Islands: Uapou, Hakahetau Valley, 1000 feet; BMNH, London.
Distribution: Marquesas Islands.
References: (**ds**) Beeson 1938b. (**tx**) Beeson 1935a: 107, 1938b: 288; Schedl 1942c: 173.

***upoluensis* Schedl** 1951k: 144. Lectotype ♂; Samoa, Tutuila, Fagasa Trail 800 ft., Matafao Trail 1300 ft., Upolu, Tapatapao: Lanutoo 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.

***variolosus* Schedl** 1950f: 49. Syntypes 2, sex?; Viti Levu: Navai Mill, near Nandarivatu 2500 ft., Ovalau: near Vuma 700 ft.; BPBM, Honolulu, and Schedl Collection (2 syntypes) in NHMW, Wien.
Distribution: Fiji Islands.
References: (**ec**) Roberts 1976: 379. (**hb**) Roberts 1976: 379. (**ds**) Browne 1974a: 64; Roberts 1976: 379. (**tx**) Schedl 1950f: 49, 1951i: 57, 1979c: 264.

***vestitus* 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; Kleine 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: 892 (designated a lectotype although Eggers' holotype designation appears valid).

References: (**cn**) Kurenzov 1935c: 189. (**ec**) Kurenzov 1934a: 57. (**hb**) Kurenzov 1935a: 19, 31, 1948b: 126. (**ds**) Krivolutskaya 1983; Kurenzov 1934a: 57, 1935a: 19, 31, 1935c: 189, 1936a: 110, 1936b: 350, 1938a: 59; Stark 1936e: 143, 151; Tsai & Li 1963: 602. (**tx**) Eggers 1942c: 30; Kurenzov 1941a: 153, 1948b: 126; Michalski 1969a: 892, 1969b: 567; Pfeffer 1942: 30, 1944: 131; Schedl 1952k: 158, 1979c: 267; Stark 1951: 158.

***vitiensis* Browne** 1974a: 67. Holotype, sex?; Fiji: Viti Levu, Nausori Highlands; BMNH, London.

Distribution: Fiji Islands.

Hosts: *Dysoxylum* sp.

References: (**ec**) Roberts 1976: 380. (**hb**) Roberts 1976: 380. (**ds**) Browne 1974a: 64; Roberts 1976: 380. (**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 (Luzon, Mindanao, Mindoro).

Hosts: *Urostigma* sp.

References: (**cn**) Kleine 1932a: 302. (**hb**) Kleine 1932a: 302. (**ds**) Beaver & Browne 1978: 585; Browne 1966: 244, 1968a: 133; Hagedorn 1910d: 46; Kleine 1913b: 125, 1914b: 280, 1932a: 302, 1934a: 148; Schedl 1971f: 146. (**tx**) Blandford 1896b: 200; Browne 1968a: 132; Hagedorn 1910a: 83, 1912a: 340; Hopkins 1914: 119; Lucas 1920: 210; Nobuchi 1983: 300; Schedl 1963i: 62. (**ms**) Lucas 1920: 210.

*hagedorni* Eggers 1908c: 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 1958b: 165. (**ds**) Hagedorn 1910d: 68; Kalshoven 1932: 252, 1958b: 165; Kleine 1914b: 288, 1934a: 142; Schedl 1938g: 424, 1966b: 20. (**tx**) Anderson, W. H. & Anderson 1971: 14; Eggers 1908c: 216, 1927b: 393–394; Hagedorn 1910a: 94; Nobuchi 1983: 300; Schedl 1938g: 424, 1942a: 175, 1942d: 2, 13, 1950f: 48, 1951i: 50, 1958i: 214, 1958k: 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 1958k: 153.

References: (**tx**) Schedl 1954a: 139, 148–149, 1958k: 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: (**ec**) Wichmann 1955a: 96. (**ds**) Brimblecombe 1953: 17; Browne 1980b: 381, 1985b: 291; Gemminger & Harold 1872: 2683; Hagedorn 1910d: 46; Kleine 1913b: 119, 1914b: 298, 1934a: 142; Kuschel 1972; Ohno, Yoneyama, & Narazawa 1987b: 93; Ohno, Yoshioka, et al. 1988a: 92, 1989: 60; Wichmann 1955a: 96. (**tx**) Eichhoff 1872a: 131, 1878b: 129; Hagedorn 1910a: 88.

*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?; Sounkyo, Daisetsu-zen National Park, Hokkaido, Japan; Nobuchi Collection, Ibaraki.

Distribution: Asia (Hokkaido in Japan).

Hosts: *Abies sachalinensis*.

References: (**ds**) Nobuchi 1985c: 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 margadilaonis* 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. 1986a: 91. (**ds**) Browne 1961c: 70–71; Schedl 1961k: 447, 1966b: 17. (**tx**) Hopkins 1915b: 8, 37; Nunberg 1956: 141; Schedl 1961k: 447; Wood, S. L. 1986a: 91.

***carinatus* Browne** 1980b: 382. Holotype, sex?; Buhma (New Britain) to Nagoya (Japan), imported; BMNH, London.

Distribution: New Britain Island.

References: (**tx**) Browne 1980b: 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: Tucueu 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, Buitenzorg; 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; Ohno, 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: Margadelao 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: Tucueu 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.
Figures: Schedld 1961k: 447.
Distribution: Africa (Mozambique/South Africa).
Hosts: *Hibiscus* sp.
References: (**ds**) Schedl 1961k: 447. (**tx**) Eggers 1943e: 75; Schedl 1961k: 447.

***quadrituberculatus*** **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; Ohno, Yoneyama, & Nakazawa 1987b: 93; Ohno, Yoshioka, et al. 1988a: 91. (**tx**) Browne 1984c: 450.

## Genus *Ptilopodius* Hopkins

PTILOPODIUS HOPKINS 1915b: 7, 11. Type-species: *Ptilopodius stephegynis* 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, Peleliu; USNM, Washington.
Distribution: Micronesia (Palau Islands in Caroline Islands).
Hosts: *Pandanus* sp.
References: (**ds**) Browne 1984a: 150; Ohno, Yoshioka, et al. 1987a: 87. (**tx**) de Ruette 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, Hivaoa: Tahanku, Uapou, Hakagetau Valley; BPBM, Honolulu?
Distribution: Cook Islands (Aitutaki), Fiji Islands, Gambier Islands, Marquesas Islands, Samoan Islands (American Samoa, Western Samoa).
Hosts: *Hibiscus tiliacus*.
References: (**ds**) Beeson 1938b: 290, 1940: 193; Schedl 1972b: 266. (**tx**) Beaver 1991: 93; Beeson 1935: 101–102, 1938b: 290, 1940: 193; Schedl 1951k: 143.

*zimmermani* 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, Philippinen; 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: 182; Wood, S. L. 1960a: 20.

***ramosus*** **Beeson** 1935: 115. Holotype ♀; India: Bengal, Sunderbans; FRI, Dehra Dun.
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: (**en**) Mathur & Singh 1960b: 5. (**ec**) 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, Philippinen; 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: *Stephegyne 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: *Scaevola* sp.
References: (**tx**) Beaver 1990: 149.

***venustus*** **Schedl** 1953d: 78. 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**) Nunberg 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 hiffae*, 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 1878b: 475, 495; Hopkins 1915b: 7, 10–11; Nunberg 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 hankei*.
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 ♂; Ulebsehel (Aurapushekaru) Is., Palau Islands; USNM, Washington.
Figures: Wood 1960a: 22.
Distribution: Micronesia (Palau Islands, Truk in Caroline Islands).
References: (**tx**) de Ruette 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 (Sumatra).
Hosts: *Actinidia polygama, Akebia trifoliata, Lagenaria vulgaris, Luffa aegyptiace, 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 *monillicollis*; 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 sphaeranthum*.
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: 187.
Distribution: Madagascar.
References: (**tx**) Schedl 1953d: 79, 1961e: 131, 1977a: 37, 1979c: 187.

***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.

***queenslandi* (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: Ihembe; 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 1958b: 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: Rottnest 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 corbisieri*.
References: (**hb**) Schedl 1961k: 445. (**ds**) Schedl 1961k: 445. (**tx**) Schedl 1957d: 46, 1961k: 445–446, 1979c: 232.

## Genus *Cryptocarenus* Eggers

CRYPTOCARENUS EGGERS 1937a: 79. Type-species: *Cryptocarenus diadematus* Eggers, original designation.
*Tachyderes* Blackman 1943b: 35. Type-species: *Tachyderes floridensis* Blackman =*Cryptocarenus seriatus* Eggers, original designation. Synonymy: Schedl 1951m: 72.
References: (**tx**) Blackman 1943b: 35; Schedl 1951m: 72, 1962p: 205; Wood, S. L. 1954a: 1011.
Keys: Wood 1982b: 912 for North and Central America.
References: (**ay**) Nobuchi 1969a: 57. (**bv**) Schedl 1960f: 11. (**hb**) Wood, S. L. 1982b: 911, 1986a: 91. (**ds**) Schedl 1962k: 23; Wood, S. L. 1982b: 911, 1986a: 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, 1982b: 911, 1986a: 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**) Nunberg 1972b: 193; Viana 1964: 125. (**tx**) Schedl 1951m: 96, 1958f: 45, 1979c: 9.

***brasiliensis* (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: 80. 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: *Persea americana, Saraca indica, Serjania* sp.
References: (**ds**) Beaver 1974; Blackwelder 1947: 781; Pedrosa-Macedo & Schonherr 1985: 49; Schedl 1970e: 82; Wood, S. L. 1982b: 912. (**tx**) Anderson, W. H. & Anderson 1971: 11; Eggers 1937a: 80; Pedrosa-Macedo & Schonherr 1985: 49; Schedl 1939h: 47, 1979c: 79; Wood, S. L. 1954a: 1012, 1982b: 912.

***harringtoni* (Blackman)** 1943b: 38 (*Tachyderes*). Holotype ♀; Yaguacua, Bolivia; USNM, Washington.
Distribution: South America (Bolivia).
References: (**ds**) Nunberg 1958a: 480. (**tx**) Blackman 1943b: 38; Nunberg 1958a: 480; Schedl 1962p: 205.

***heveae* (Hagedorn)** 1912a: 338 (*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-Tournel 1975. (**bv**) Schedl 1960f: 71. (**cn**) Aulmann 1912: 55; Ghesquiere 1933a: 33–36, 1933b: 783; Green 1916: 608–636; Mayne & Donis 1951: 334; Schmitz & Crisinel 1957: 12. (**ec**) 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: 358; Beaver 1974a; Bright 1972d: 62, 1985c: 174; Browne 1963a: 235; Equihua & Atkinson 1986: 630; Estrada & Atkinson 1988: 209; Ghesquiere 1933e; 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: 80, 1940h: 61; Hagedorn 1912a: 338, 1913a: 18; Pedrosa-Macedo & Schonherr 1985: 50; Schedl 1938a: 173, 1938i: 26, 1939h: 47, 1962j: 24–25; Wood, S. L. 1954a: 1014, 1957c: 396, 1962: 78, 1975b: 393, 1982b: 914.
*caraibicus* Eggers 1937a: 82. Holotype ♀; Guadeloupe; USNM, Washington. Synonymy: Wood 1975b: 393.
References: (**ds**) Blackwelder 1947: 781. (**tx**) Anderson, W. H. & Anderson 1971: 9; Eggers 1937a: 82; Schedl 1938a: 162, 183, 1939h: 47, 1979c: 53; Wood, S. L. 1975f: 392.
*parvus* Blackman 1943b: 36 (*Tachyderes*). Holotype ♀; Cayamas, Cuba; USNM, Washington. Synonymy: Wood 1962: 78.
References: (**tx**) Blackman 1943b: 36; Schedl 1962p: 205; Wood, S. L. 1962: 78.
*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 (*Hypothenemus*). 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: 87, 1912a: 338–339; 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., *Xeiopia* sp.
Notes: (3) Wood 1982b: 913 (redescribed).
References: (**ds**) Atkinson & Equihua 1985c: 358, 1988: 88; Beaver 1974a; Wood, S. L. 1971: 36–37, 1982b: 913.

***pilosus* Eggers** 1937a: 81. Holotype, sex?; Bolivien (Cochabamba); USNM, Washington.
Distribution: South America (Bolivia/ Brazil).
Hosts: *Protium* sp.
References: (**hb**) Beaver 1974a. (**ds**) Beaver 1974a; Blackwelder 1947: 781. (**tx**) Anderson, W. H. & Anderson 1971: 25; Eggers 1937a: 81; 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: 781; 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 welwitschii*.
Notes: (1) The holotype of this species does not belong to this genus; it may be a *Miocryphalus*.
References: (**tx**) Schedl 1965e: 370, 1979c: 207.

***seriatus* Eggers** 1933b: 10. Holotype ♀; French Guayana (Nouveau Chantier); MNHN, Paris.
Figures: Atkinson & Aquihua 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 aurea, Ipomoea prescaprae, Mangifera indica, Metopium toxiferum, Persea borbonea, Pithecellobium guadeloupense, Rhacoma crossopetalum*.
References: (**bv**) Atkinson, Foltz, & Connor 1988. (**ec**) Equihua & Atkinson 1986: 630. (**hb**) Atkinson, Foltz, & Connor 1988; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 630; Wood, S. L. 1953: 104. (**ds**) Atkinson & Equihua 1985c: 358, 1988: 88; Beaver 1974a; Blackwelder 1947: 781; Bright 1972d: 63, 1985c: 174; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1987a: 66; Estrada & Atkinson 1988: 209; Nunberg 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 & Equihua 1988: 91; Bright 1972d: 59, 63, 1985c: 174; Eggers 1933b: 10; Nunberg 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: Browne 1963: 53.
References: (**ay**) Van Ryn-Tournel 1975. (**bv**) Schedl 1960f: 11. (**cn**) Albuquerque Leao 1941: 319–328; Blackman 1950: 306, 327; Browne 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**) Browne 1961c: 71–76; Ghesquiere 1933a: 25, 1933b: 774–778; Nusslin 1912: 82; Schedl 1961k: 546, 1977a: 61. (**ds**) Blackwelder 1947: 777; Browne 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; Browne 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; Nunberg 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.

*Homococryphalus* 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.

*Adiaeretus* Hagedorn 1909a: 744. Type-species: *Adiaeretus spinosus* Hagedorn =*Stephanoderes elaphus* 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**) Nunberg 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; Nunberg 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.

*Ernophloeus* Nunberg 1958a: 484. Type-species: *Ernophloeus costalimai* Nunberg =*Stephanoderes fuscicollis* Eichhoff, original designation. Synonymy: Wood 1986c: 266.
References: (**tx**) Nunberg 1958a: 484; Schedl 1960i: 104; Wood, S. L. 1986c: 226.

*Epsips* Beeson 1941 (1961: 287). Type-species: *Epsips sylvarum*, nomen nudum. Beeson's series was examined by SLW, 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 synonym 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. (**bv**) 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 1988b; 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; Gozman 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, 1963b: 265, 1963i: 62, 1964k: 215–216, 1977a: 37, 1977b: 48; Sharp 1879: 101–102; Stark 1952: 13–27, 78, 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: 548. (**ds**) Schedl 1961k: 548, 1982b: 278. (**tx**) Anderson, W. H. & Anderson 1971: 3; Eggers 1920: 120, 1927: 178, 1935c: 304, 1936c: 35; Schedl 1961k: 548, 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 (*Lepiceroides*). Holotype, sex?; Congo ex belge, Yangambi; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
Hosts: *Dichopetalum thomneri*.
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 Hispanola/ 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: 78 (a possible synonym of *setosus*).
References: (**hb**) Wood, S. L. 1982b: 908. (**ds**) Bright 1973: 18, 1985c: 174; Schedl 1961k: 548; Wood, S. L. 1977a: 70, 1982b: 908. (**tx**) Bright 1985c: 174; Hopkins 1915b: 23, 30; Schedl 1961k: 548; Wood, S. L. 1967b: 78, 1982b: 908.

***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: 278. (**tx**) Anderson, W. H. & Anderson 1971: 3; Eggers 1924: 103, 1927a: 197, 1940b: 102, 1940c: 235–236; Schedl 1939g: 170, 1939i: 385, 1961k: 548–549, 1962h: 67, 1977a: 62, 1979c: 15.

***alternatus* (Eggers)** 1943e: 73 (*Stephanoderes*). Holotype, sex?; Zambeze (Environ de Sone, M. Soussou); MNHN, Paris.
Distribution: Africa (Mozambique).
References: (**tx**) Eggers 1943e: 73; Schedl 1961k: 549, 1979c: 17.

***amakusanus* (Murayama)** 1934c: 287 (*Stephanoderes*). Holotype ♀; Kadoyama in Amakusa Is., Kumamoto Pref., Kiushu; Murayama Collection in USNM, Washington.
Distribution: Asia (Japan).
Hosts: *Daphniphyllum glaucens*.
References: (**cn**) Anonymous 1980g. (**ds**) Anonymous 1980g; Murayama 1953c: 150, 1954b: 199; Nobuchi 1985c: 15. (**tx**) Murayama 1934a: 4, 1934c: 287–288, 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: 883. (**tx**) Wood, S. L. 1974a: 19, 1982b: 883.

***areccae* (Hornung)** 1842: 117 (*Bostrichus*). Lectotype ♀; Ostindien nuts intercepted in Germany; MNB, Berlin, designated by Wood 1974d: 282.
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 *eruditus*). *Bosqueria angolensis*.
Notes: (3) Schedl 1957d: 12 (*mayumbensis* Eggers, nomen nudum, synonymy).
References: (**cn**) Grandi 1951; Kalshoven 1932: 242; Kleine 1932a: 298; Mathur & Singh 1960a: 16; Mathur, Singh, & Lal 1958: 32; Schmitz & Crisinel 1957: 10; Sivaram 1980: 58; Smith, J. B. 1900: 362. (**cc**) Felt 1906: 702; Wichmann 1955a: 96, 98. (**hb**) Blandford 1894b; Browne 1961c: 77–78; Felt 1906: 702; Grandi 1951; Kleine 1932a: 298; Lengerken 1939: 64, 1954: 84; Schmitz & Crisinel 1952: 10; Vayssiere 1923: 108; Yunus & Hua 1980: 228. (**ds**) Atkinson & Equihua 1985c: 357; Beaver 1987b: 64, 1990a: 280; Beeson 1935a: 103, 1935b, 1938b: 288, 1961: 288; 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 1968: 113; Lepesme et al. 1948: 645; 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. 1957e: 1273, 1960a: 41, 1977a: 70, 1982b: 906; Yunus & Hua 1980: 228. (**tx**) Beaver 1991: 92; Beeson 1935a, 1935b; Blandford 1894b: 229–230, 1904: 229; Eggers 1908: 1, 1922a: 86, 1925: 153, 1929e: 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; Nunberg 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.

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

References: (**ds**) Beaver 1976b: 536; Beeson 1938b: 288, 1940: 198; Hagedorn 1910d: 46; Kalshoven 1958: 170; Kleine 1913b: 124, 1914b: 301. (**tx**) Beaver 1976b: 536; Beeson 1938b: 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 1929e: 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, 1929e: 55; Hagedorn 1910a: 86; Hopkins 1915b: 14.

*polyphagus* Eggers 1924: 104 (*Stephanoderes*). Syntypes, sex?; Congostaat: Mayumbe 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; Nunberg 1960a: 291, 1961b: 609; Schedl 1950c: 204, 1950d: 7, 15, 25, 1952g: 51, 1954e: 50, 70, 1957d: 12, 54, 1959q: 707, 1961k: 610, 1962k: 1070, 1965g: 20, 1979c: 119; Wood, S. L. 1957e: 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: 78. (**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 1983: 300; Schedl 1950c: 204, 1950d: 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 ♀; Hakehetau Valley 1000 feet, Uahuka; Vaipall Valley 800 feet, Marquesas Islands; BPBM, Honolulu. Synonymy: Wood 1982b: 906.

References: (**tx**) Beeson 1935: 102–103, 1938b: 289, 1940: 193; Wood, S. L. 1960a: 42, 1982b: 906.

*eupolyphagus* Beeson 1940: 193. Holotype ♀; Dehra Dun, United Provinces, India; FRI, Dehra Dun. Synonymy: Wood 1960a: 41.

References: (**cn**) Mathur & Singh 1960b: 86, 1961a: 13, 1961b: 13; Roonwal 1954: 37. (**ds**) Beeson 1938b: 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, 1950d: 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 ♀; Punahu, Oahu, Hawaiian Islands; BPBM, Honolulu. Synonymy: Wood 1960a: 41–42.
References: (**ds**) Swezey 1941: 118. (**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: 38, 1953c: 292, 1979c: 241.

*bauhaniae* 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 & Loyttyniemi 1985a: 79; Browne 1980b: 382; Schedl 1961k: 470, 1962h: 58, 1962k: 1068. (**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: 608; Thompson, G. H. 1963: 66. (**tx**) Browne 1965: 188; Schedl 1954e: 49, 76, 1961k: 608, 1979c: 177; Wood, S. L. 1989: 173.

***artocarpi* Browne** *in* Beaver & Browne 1978: 588. Holotype ♀; Malaysia: Penang, Penang Hill, 1500 feet; BMNH, London.
Figures: Beaver & Browne 1978: 576.
Distribution: Asia (Malaya/ Thailand).
Hosts: *Artocarpus elastica*, *A. lanceifolius*, *A. rigidus*, *A. scortechini*, *A. sticus*, *A.* sp., *Campnosperma* sp.
References: (**ec**) Beaver 1979b: 298. (**hb**) Beaver 1979b: 298; Beaver & Browne 1978: 588. (**ds**) Beaver 1990a: 280. (**tx**) Beaver & Browne 1978: 576; Browne 1978: 588.

***arundinis* (Eichhoff)** 1878b: 157 (*Stephanoderes*). Holotype, sex?; Italis (Pedemontina); IRSNB, Brussels.
Distribution: Europe (Italy).
References: (**ec**) Kleine 1908c: 187. (**hb**) Eichhoff 1881a: 47, 191. (**ds**) Hagedorn 1910d: 40–41; Heyden, Reitter, & Weise 1883: 182, 1891: 671, 1906: 711; Kleine 1913b: 121; Reitter 1894a: 73; Stein & Weise 1877: 164; Tredl 1907: 13. (**tx**) Eichhoff 1878a: 386, 1878b: 157, 1881a: 47, 185, 191, 1883a: 110, 134; Hagedorn 1910a: 85; 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 (Aruwimi: N' Gazi); MRCB, Tervuren.
Figures: Nunberg 1965b: 31.
Distribution: Africa (Congo/ Fernando Po/ Gabon/ Ghana/ Ivory Coast/ Nigeria/ Sierra Leone/ Zaire).
Hosts: *Bauhinia tomentosa*, *Caloncoba welwitschii*, *Carapa procera*, *Chrysophullum lacourtianum*, *Pascovia* spp., *Pentaclethra macrophylla*, *Piptadenia africana*, *Theobroma cacao*.
References: (**cn**) Ghesquiere 1933a: 31–36, 1933b: 782, 786; Gregory 1954. (**ec**) Schedl 1958d: 192. (**hb**) Roberts 1969: 129; Schedl 1961k: 448. (**ds**) Ghesquiere 1933a: 31–36, 1933b: 782, 786; Kleine 1934: 145; Mayne & Donis 1962: 313; Nunberg 1965b: 31; Schedl 1961k: 448, 1971g: 192, 1972e: 280. (**tx**) Eggers 1927b, 1932c: 31–32; Nunberg 1965b: 23, 31; Schedl 1939i: 380–381, 1950d: 20, 1961k: 448, 1962p: 204, 1965g: 23.

***aterrimulus* Wood** 1989: 178. Holotype, sex?; Ruanda: Ihembe; MRCB, Tervuren, automatic.
Distribution: Africa (Ruanda in Zaire).
Hosts: *Microglossa volubilis*.
References: (**tx**) Wood, S. L. 1989: 178, 1992b: 79.

*aterrimus* Schedl 1957d: 59 (*Lepiceroides*). Holotype, sex?; Ruanda: Ihembe; MRCB, Tervuren, preoccupied by Schedl 1951.
References: (**ec**) 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 oncoclada*.
References: (**tx**) Menier 1973: 141.

***baloghi* (Schedl)** 1967e: 226 (*Stephanoderes*). Holotype ♀; Kindamba, Meya, Lonolo 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 (*Stylotentus*). 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: 288. Holotype ♀; Zaire: Lovanium (Kinshasa); MRCB, Tervuren.
Distribution: Africa (Zaire).
References: (**tx**) Browne 1973a: 288.

***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 (Rarotonga), 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 gastrophyllum*, *Eucalyptus trachyphloia*, *Eugenia buxifolia*, *Ficus aurea*, *Litchi chinensis*, *Mangifera indica*, *Melia azedarack*, *Ocotea catesbyona*, *Persea borbonea*, *Phelocarpus septrionalis*, *Prunus 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 1982: 257; Browne 1968: 353; Low Chong Moi 1975. (**ec**) Equihua & Atkinson 1986: 630. (**hb**) Beaver 1976b: 534, 1987a: 18; Beaver & Browne 1978: 589; Beaver & Loyttyniemi 1985a: 80; Browne 1961c: 71, 1968: 353; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 630; Gray, B. 1974c; Kalshoven 1958b: 168; Schedl 1977a: 65; Yunus & Hua 1980: 229. (**ds**) Anonymous 1966j, 1967m, 1969g, 1974j; Atkinson & Equihua 1985c: 356; Beaver 1976b: 534, 1987a: 18, 1987b: 64; Beaver & Browne 1978: 589; Beaver & Loyttyniemi 1985a: 80; Beeson 1933: 11, 1938: 288–289, 1940: 197–198, 1941: 387; Blackburn & Sharp 1885: 192–194; Bright 1972d: 53, 1985c: 174; Browne 1961c: 71, 1965b: 188, 1968: 353, 1970: 556, 1974a: 64, 1984a: 353; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 630; Funasaki 1967: 332; Hagedorn 1910d: 44, 46; Kleine 1913b: 126, 1914b: 278; Low 1975; Maiti & Saha 1986: 162; Mathew 1982, 1987: 188; Murayama 1934: 287–288, 1936: 127, 1939: 237; Nobuchi 1985c: 15; Nobuchi & Ono 1973: 181; Perkins 1900: 180; Peter, Bagle, & Balasubramanian 1984; Schedl 1934f: 1640, 1960f: 172, 1962b: 186, 1964c: 304, 1965g: 25, 1966b: 28, 1977a: 65; Swezey 1954: 145; Wood, S. L. 1957c: 402, 1960a: 35, 1977a: 70, 1982b: 886; Yunus & Hua 1980: 229. (**tx**) Blandford 1894c: 579; Bright 1972d: 53, 1985c: 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 1983: 300; Sampson 1914: 379; Schedl 1934g: 177, 1939e: 327, 1939f: 34–35, 1940a: 322, 1941f: 111,

1942b: 147–148, 1951k: 135, 1960e: 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: 87; 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: 87; 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?; Nouméa [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 valens* 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.

*stereuliae* 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 (Augustafluss), Ralum, 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 1980: 229. (**ds**) Beeson 1933: 11, 1938b: 290, 1961: 298; Mathur & Singh 1961a: 79; Schedl 1959a: 484, 1961c: 71, 1962b: 186; Yunus & Hua 1980: 229. (**tx**) Beeson 1933: 11; Eggers 1923a: 219, 1927b: 406, 1936d: 624, 628; Michalski 1969b: 570; Schedl 1939e: 327, 329, 1939f: 35, 1939i: 380, 1940b: 434, 1942d: 2–3, 1950f: 37, 45, 1953b: 124, 1958b: 100, 1959a: 484; Wood, S. L. 1960a: 35.

*nter* Eggers 1923a: 219 (*Stephanoderes*). Syntypes 3, sex?; Neu Guinea (Andai und Waigumina) 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: norwest 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.

***biseriatus* (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/ Zaire), Reunion Island.

Hosts: *Acacia sieberiana*, *Albizzia* spp., *Baphia pubescens*, *Cassia siamea*, *Chlorophora excelsa*, *Chrysophyllum lacourtianum*, *Dialium pachyphyllum*, *Gilbertiodendron dewevrei*, *Hevea*

*brasiliensis*, *Hylodendron gabunense*, *Musanga cecropioides*, *Paropsia schiebeniana*, *Pentachlethra macrophylla*, *Piptadenia africana*, *Tetrapleura tetraptera*, *Trema guineensis*.

References: (**bv**) Schedl 1960f: 78. (**en**) Chesquiere 1933a: 35, 1933b: 782; Mayne & Donis 1951: 333; Schmitz & Crisinel 1957: 12. (**cc**) Mayne & Donis 1951: 33. (**hb**) Schmitz & Crisinel 1957: 12. (**ds**) Gardiner 1957a: 32; Chesquiere 1933a: 35, 1933b: 782; Kleine 1934a: 145; Mayne & Donis 1962: 311; Schedl 1959q: 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, 1959q: 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; Nunberg 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; Nunberg 1958a: 481; Pedrosa-Macedo & Schonherr 1985: 46; Schedl 1951m: 71, 1979c: 43.

***brevicollis* (Eggers)** 1927a: 177 (*Stephanoderes*). Holotype, sex?; Ostafrika: Kirumba 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.

***brownei* 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, preoccupied 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*, *Albizzia lebbekoides*, *Annona* sp., *Ardesia paniculata*, *Bauhinia grandiceps*, *Berria amonilla*, *Cajanus cajon*, *Canavalia* sp., *Celtis iguana*, *C. laevigata*, *Clematis* sp., *Condalia obtusifolia*, *Dalbergia ecastophyllum*, *Ficus* sp., *Galactia spiciformis*, *Giricidia sepium*, *Grewia asiatica*, *Hovenia dulcis*, *Ichthyomethia communis*, *Leucania glauca*, *Lysiloma bahamensis*, *Mimosa* sp., *Ocotea catesbyana*, *Poinsettia heterophylla*, *Serjania* sp., *Trema floridana*, *Vachellia farnesiana*.

References: (**cc**) Equihua & Atkinson 1986: 630. (**hb**) Chamberlin 1939: 309; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 630; Wood, S. L. 1953: 142, 1954a: 1031. (**ds**) Atkinson & Equihua 1985c: 357; Blackwelder 1947: 777; Bright 1972d: 54, 1985c: 174; Chamberlin 1939: 309; Deyrup & Atkinson 1987a: 66; Equihua & 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 Rivieres, 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 (Michoacan, 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, Malvastrum* 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**) Equihua & Atkinson 1986: 631. (**hb**) Bright & Stark 1973: 69; Burgos & Saucedo 1983: 106; Chamberlin 1939: 294; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 631; Wood, S. L. 1953: 190, 1954a: 1053, 1982b: 897. (**ds**) Atkinson & Equihua 1985c: 357; Atkinson et al. 1986: 64; Bright & Stark 1973: 69; Burgos & Saucedo 1983: 106; Chamberlin 1939: 294; Choo 1983: 65; Choo & Woo 1985: 164; Choo, Woo, & Park 1983: 174; Deyrup 1981b: 7; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 631; Kirk 1970; Leng 1920: 340; Weber, B. C. & McPherson 1991: 49, 54; Wood, S. L. 1977a: 70, 1982b: 897. (**tx**) Chamberlin 1939: 294; Choo 1983: 65; Hopkins 1915b: 14, 19; Wood, S. L. 1953: 190, 1954a: 979, 1053, 1972f: 44, 1982b: 897.

*tritici* 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, 1982b: 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.

*zeae* Schedl 1973d: 169 (*Stephanoderes*). Holotype ♀; Brasilien, 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: Nunberg 1960a: 290, 292, 1960b: 29.
Distribution: Africa (Angola/ Cameroon/ Congo/ Ghana/ Ivory Coast/ Sierra Leone/ Tanzania/ Uganda/ Zaire).
Hosts: *Acacia* spp., *Albizzia* spp., *Baphia pubescens, Celtis soyauxii, Chryaphyllum* sp., *Dialum* sp., *Gilbertiodendron* sp., *Hevea* sp. See also Browne 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**) Browne 1963a: 223; Schedl 1961k: 555; Thompson, G. H. 1963: 66. (**ds**) Browne 1955: 188, 1963a: 233; Ferreira 1965: 1114; 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.

*brunneipes* Nunberg 1960a: 289 (*Stephanoderes*). Holotype, sex?; Uganda: Bugiri, 1400 m; MRCB, Tervuren. Synonymy: Schedl 1962k: 1069.
References: (**tx**) Nunberg 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 1982: 278. (**tx**) Eggers 1943e: 73; Schedl 1950d: 24, 1957b: 150, 1961k: 557, 1979c: 53.

***ceibae* Hopkins** 1915b: 20. Holotype ♀; Cayamas, Cuba; USNM, Washington.
Distribution: Antilles Islands (Cuba/ Granada/ Puerto Rico).
Hosts: *Ceiba* sp.
References: (**ds**) Blackwelder 1947: 777; Bright 1985c: 174; Kleine 1934a: 143; Leng & Mutchler 1917: 219. (**tx**) Bright 1985c: 174; Hopkins 1915b: 15, 20.

***colae* (Schedl)** 1957d: 54 (*Stephanoderes*). Holotype ♀; Congo Belge: Yangambi; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: *Cola congolana, C. griseiflora, Duboscia viridiflora*.
References: (**ec**) 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 aurnatifolia, Ficus* sp., *Ichthyomethia communis, Morus rubra, Quercus* spp., *Salix* sp., *Serjania* sp.
References: (**ec**) 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.

*brunneipennis* 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.

*rufopalliatus* 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/ Zaire).
Hosts: *Aucoumea klaineana, Bussea occidentalis, Pancovia laurentii, Pentaclethra macrophylla, Synsepalum longecuneatum, Terminalia superba, Theobroma cacao.*
References: (**cn**) Chesquiere 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; Chesquiere 1933a: 32–36, 1933b: 783, 786; Hagedorn 1910d: 41; Kleine 1913b: 124, 1914b: 310; Mayne & Donis 1962: 314; Schedl 1961k: 451, 1962h: 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 (Nambia/ South Africa/ Tanzania/ Zambia/ Zimbabwe).
References: (**ds**) Beaver & Loyttyniemi 1989; Schedl 1961k: 560. (**tx**) Beaver & Loyttyniemi 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)** 1878a: 386 (*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 1878a: 386, 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/ Zaire).
Hosts: *Beilschmiedia corbisieri, Paropsia schiebeniana, Theobroma cacao, Tridesmostemon 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, 1979c: 70.

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

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

***crudiae* (Panzer)** 1791: 35 (*Bostrichus*). Syntypes, sex?; India occidentali; 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*, *Adenanthera pavonina*, *Aloe vera*, *Astragalus* sp., *Bauhinia grandiceps*, *B. krugi*, *Betula* sp., *Bidens pilosa*, *Bignonia* sp., *Boehmeria scabra*, *Bucida buceras*, *Busera* sp., *Carica papaya*, *Carya* spp., *Cassia nodosa*, *Cinnamomum camphora*, *Citrus* sp., *Clerodendron squamatum*, *Crataegus* sp., *Dalbergia ecastophyllum*, *Derris* sp., *Dioclea megacarpa*, *Diphysia robinioides*, *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*, *Schleichera 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: (**en**) Smith, J. B. 1900: 362. (**ec**) Equihua & Atkinson 1986: 631; Halperin & Holzschuh 1986: 26. (**hb**) Beaver & Browne 1975: 290; Burgos & Saucedo 1983: 105; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 631; Halperin & Holzschuh 1984: 26; Wood, S. L. 1953: 163, 1954a: 1041, 1982b: 891. (**ds**) Atkinson & Equihua 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; Equihua & 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: (**en**) 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: (**en**) 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; Blatchely & 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: 284, 1951m: 71–73, 1952a: 446, 1952k: 159–162, 1958f: 34.

*differens* 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: 78, 1967b: 78, 1972f: 44.

*guatemalensis* Hopkins 1915b: 26 (*Stephanoderes*). Holotype ♀; Treces Aguas, 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.

*brasiliensis* Hopkins 1915b: 26 (*Stephanoderes*). Holotype ♀; Perambuco, 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. (**ec**) 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, 1964e: 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, 1928: 122; Wood, S. L. 1972f: 44.

*largipennis* Toleda 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, 1928: 122; Toleda Piza Junior 1924b: 354–355.

*uniseriatus* Eggers 1924: 103 (*Stephanoderes*). Lectotype ♀; Congostaat (Luebo); 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; Schouteden 1924: 56–58; Thomas, K. M. 1949: 83. (**ec**) Mayne & Donis 1951: 333–334; Schedl 1961k: 627. (**hb**) Browne 1963a: 234; Corbett 1933; Schedl 1961: 627; Schmitz & Crisinel 1957: 12; Schouteden 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, 1964e: 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, 1964e: 68, 1964j: 41, 1967e: 212, 1967f: 151, 1969c: 50, 1969d: 5, 1971a: 280, 1971c: 364, 1977b: 77, 1979c: 261; Wood, S. L. 1972f: 44.

*hivaoa* Beeson 1935b: 105 (*Stephanoderes*). Holotype ♀; Tahauku, Hivaoa, Marquesas Islands; BPBM, Honolulu. Synonymy: Wood 1972f: 44.
References: (**ds**) Beeson 1938b: 290; Ford 1958: 333; Wood, S. L. 1960a: 35. (**tx**) Beeson 1935b: 105, 1938b: 290, 1939: 105–106; Wood, S. L. 1960a: 38–39, 1972f: 44.

*lebronneci* Beeson 1935b: 104 (*Stephanoderes*). Syntypes, sex?; Tahuata: Hanatuma Valley 150 feet, Uapou: Hakahuetau 500 feet, Marquesas

Islands; BPBM, Honolulu. Synonymy: Wood 1972f: 44.

References: (**hb**) Yunus & Hua 1980: 229. (**ds**) Beeson 1938b; Swezey 1941: 119; Yunus & Hua 1980: 229. (**tx**) Beeson 1935b: 104, 1938: 290; Schedl 1941f: 111, 1965g: 25; Wood, S. L. 1960a: 38–39, 1972f: 44.

***cryphaloides* (Eichhoff)** 1878b: 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 *cryphaloides* is a synonym of *erectus*.

References: (**ds**) Alluaud 1900: 439; Hagedorn 1910d: 46; Kleine 1913b, 1914b: 326. (**tx**) Eichhoff 1878a: 384, 1878b: 119; Hagedorn 1910a: 81, 1913b; Hopkins 1914: 131.

***cuneolus* (Schedl)** 1936j: 24 (*Stephanoderes*). Lectotype, sex?; Malay Peninsula, Selangor: Kanching 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)** 1972e: 287 (*Stephanoderes*). Holotype, sex?; Ghana, Kintampo: Ashanti Region, Ofinso, 259 m, N 6 54, W 1 39; Congo, Brazzaville, Lefinie reservation, Mbeokala forest: Brazzaville, Kindamba, Meya, Bangou forest; Schedl Collection in NHMW, Wien.

Distribution: Africa (Congo/ Ghana).

References: (**ds**) Wood, S. L. 1982b: 905. (**tx**) Schedl 1972e: 287, 1979c: 73; Wood, S. L. 1982b: 905.

***cynometrae* Schedl** 1957d: 50. Holotype, sex?; Congo Belge: Yangambi, Maluba, 90 km N. Ouest de Tshela; MRCB, Tervuren.

Distribution: Africa (Zaire).

Hosts: *Cynometra hankei*.

References: (**ec**) Schedl 1961k: 471. (**hb**) Schedl 1961k: 471. (**ds**) Schedl 1961k: 471. (**tx**) Schedl 1957d: 50, 1961k: 471, 1979c: 75.

***delicatus* Schedl** 1964j: 44. Holotype, sex?; Congo: Kivu, Terr. Fizi, Itombwe, 900 m; MRCB, Tervuren.

Distribution: Africa (Zaire).

References: (**tx**) Schedl 1964j: 44, 1979c: 77.

***deprecator* (Schedl)** 1941d: 393 (*Pachynoderes*). Holotype, sex?; Deutch Ostafrika, Amani; 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 *Hypothenemus*).

References: (**hb**) Beaver & Loyttyniemi 1985a: 80. (**ds**) Beaver & Loyttyniemi 1985a: 80; Schedl 1961k: 462. (**tx**) Browne 1970: 553; Sampson 1922: 141; Schedl 1957b: 150, 1961k: 462.

***dimorphus* (Schedl)** 1959c: 168 (*Stephanoderes*). Holotype, sex?; Malaya, Negri Sembilan, Jelehu, Triang For. Res.; Forest Research Institute, Kepong.

Distribution: Asia (Malaya).

Hosts: *Acacia auriculaeformis*.

References: (**cn**) Browne 1968: 353. (**ds**) Browne 1961c: 72, 1968: 353; Schedl 1959c: 168. (**tx**) Schedl 1959c: 168, 1979c: 81.

***dipterocarpi* Hopkins** 1915b: 17. Holotype ♀; Calapan, Mindoro, P.I.; USNM, Washington.

Distribution: Mangareva Islands, Philippine Islands (Mindoro).

Hosts: *Dipterocarpus 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 1938b: 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., *Ocotea catesbyana*, *Rhamnus lanceolata*, *Vitis* spp.

References: (**bv**) Kirkendall 1984: 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: 856; 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; Deyrup & 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; Deyrup 1981b: 7; Deyrup & 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., *Swietenia* sp.
References: (**ds**) Atkinson & Equihua 1986a: 422; Wood, S. L. 1982b: 889. (**tx**) Wood, S. L. 1974a: 21, 1982b: 889.

***donisi* (Schedl)** 1957d: 46 (*Ericryphalus*). Holotype, sex?; Congo Belge: Yangambi; MRCB, Tervuren.
Distribution: Africa (Zaire), Madagascar.
Hosts: *Cynometra hankei*.
References: (**tx**) Schedl 1957d: 46, 1961k: 455–456; Wood, S. L. 1989: 174.

*madagascariensis* Schedl 1961e: 131 (*Ericryphalus*). Holotype, sex?; Madagascar, petite foret 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: Rolonnarowa; 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. Mauritzius]; IRSNB, Brussels.

Distribution: Africa (Mauritius Island/ Mozambique/ South Africa/ Tanzania/ Zaire), Madagascar.
References: (**ds**) Alluaud 1900: 439; Gemminger & Harold 1872: 2684; Hagedorn 1910d: 42; Kleine 1913b: 121; Schedl 1961k: 472, 1962b: 58, 1962k: 1068, 1965e: 352. (**tx**) Eggers 1920: 121, 1924: 202, 1932: 31, 1934b: 27, 1943e: 75; Eichhoff 1872a: 132, 1878b: 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: 1068, 1969d: 10, 1977b: 49.

*spinosus* Hagedorn 1909a: 745 (*Adiaeretus*). Syntypes 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*). Syntypes, sex?; Madagascarkopal; Hamburg Museum, lost.
Distribution: Madagascar (fossil in copal).
References: (**ds**) Kleine 1912a: 213; Spahr 1981. (**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] Belfrage," 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., *Mimossa* 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. (**ec**) 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: 778; Blandford 1904: 227; Blatchley & Leng 1916: 602; Bright 1985c: 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 1985c: 174; Chamberlin 1939: 310; Eichhoff 1878b: 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.

*cubensis* 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-Macedo & 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/ Zaire), 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, Niue Island, North America (Costa Rica/ Guatemala/ Honduras/ Chiapas, Colima, Jalisco, Michoacan, Nayarit, Oaxaca, Puebla, San Luis Potosi, 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 (*Styphanaderes phascoli* Eggers, nomen nudum, synonymy).

References: (**ay**) Van Ryn-Tournel 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; Chittenden 1893: 250; Corbet 1931: 351–355; Currie 1905: 7; Downe & Williams 1950; Ebeling 1950: 353, 533; Equihua 1988; Hagedorn 1913a; Hammad 1961; Hargreaves 1927: 24–27; Hubbard 1885: 173; Kleine 1932c: 302; Kumar, Jayaraj, & Muthukrishnan 1979; Murillo Quinche 1959: 300; Petri 1912; Roark 1939: 308; Souphieff & Scherbinovskaja 1937: 81; Tsankov 1977; Vuillaume et al. 1981; Zacher 1913: 131–144. (**ec**) Ashmead 1883a, 1893: 451; Beaver 1979b: 298; Bushing 1965: 460; Chittenden 1893b; Equihua & Atkinson 1986: 632; Felt 1906: 725; Halperin & Holzschuh 1984: 26; Kleine 1908c: 187; Mendel 1986c: 115; Schedl 1958d: 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; Hammad 1961; Hubbard 1885: 173; Kalshoven 1932: 242, 1951: 856, 1958b: 170–172, 179, 1963; Kleine 1932a: 302; Lengerken 1939: 64, 1954: 84; Loyttyniemi, Beaver, & Loyttyniemi 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, 1891e: 73–74; Smith, J. B. 1890b: 54; Wachtl 1876a: 453; Wood, S. L. 1953: 198, 1954a: 1058, 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; Cachan 1957: 15; Calwer 1884, 1893; Chobaut 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 & Donisthorpe 1913: 199; Gardner 1957a: Ganbil 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; Krauss 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 & Donis 1951: 332–333; Miller, N. C. E. 1934; Moore 1964: 300; Munro 1946: 15; Newberry 1910: 83; Nobuchi 1985c: 16; Nobuchi & Ono 1973: 181; Nohira & Ogawa 1986; Nunberg 1952: 18, 1961b: 609, 1965b: 18, 1971: 58, 1972b: 195; Ohno, Yoneyama, & Nakazawa 1982b: 7; Ohno, Yoskioka et al. 1988a: 92; Pedrosa-Macedo & 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; Schaum 1859: 96, 1862: 101; Schedl 1934f: 1640, 1959a: 478, 1959p: 16, 1960d: 76, 1960f: 11, 1961b: 187, 1961c: 69, 1961e: 131, 1961j: 349, 1961k: 474–476, 1961m: 84, 1962h: 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 1894b: 261–264, 1904: 229–230; Blatchley & Leng 1916: 598; Bright 1972d: 50, 1985c: 175; Castelnau 1840; Chamberlin 1939: 288–289; Choo 1983: 65; Costa Lima 1928: 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; Houlbert 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; Nunberg 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, 1963e: 155, 1963h: 266, 1964a: 96–97, 1964c: 305, 1964e: 68, 1964i: 248, 1964j: 40, 1964k: 222, 1965a: 399, 1965f: 4, 1965g: 19, 22, 1966b: 24, 1966f: 80, 83, 1967e: 210, 1968e: 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?; Madera; 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; Davatchi 1958; Eichhoff 1878b: 162; Grandi 1951; Hammad 1961; Peyerimhoff 1915: 19. (**ds**) Balachowsky 1963a: 1280; Beeson 1940: 196–197, 1961: 288; Davatchi 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; Lundblad 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.

*boieldieui* Perroud 1864: 188 (*Bostrichus*). Holotype ♀; Kanala, New Caladonia; 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; Perroud 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 1929e: 50–51, 1940a; Eichhoff 1878b: 163; Ferrari 1867a: 17; Hage-

dorn 1910a: 87; Hopkins 1915b: 13; Wood, S. L. 1974d: 282.

*germari* Eichhoff 1878b: 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: 349; Leng & Mutchler 1927: 52. (**tx**) Blackman 1922b: 83–84; Blandford 1904: 127–128; Chamberlin 1939: 290; Eichhoff 1878a: 386, 1878b: 159; Hagedorn 1910a: 86; Hopkins 1915b: 13; Schedl 1940a: 342; Wood, S. L. 1954a: 1058, 1977d: 513.

*myrmedon* Eichhoff 1878b: 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, 1878a: 386, 1878b: 160; Hagedorn 1910a: 87; Hopkins 1915b: 21; Reitter 1902a: 141; Wood, S. L. 1977d: 513.

*ehlersi* Eichhoff 1878b: 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 1896; 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 1878a: 387, 1878b: 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**) Alluaud 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 Dun. 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?; National 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, 1948g: 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.

*tuberculosus* 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. (**ec**) Aulmann 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, G. H.

1963: 48. (**tx**) Eggers 1924: 110, 1927a: 173; Hagedorn 1912a: 339; Schedl 1939g: 170, 1950d: 7, 17, 1951f: 40, 1951j: 19, 1952g: 50, 1952j: 2, 1954d: 871, 1954e: 49–50, 1957d: 10–11, 1961k: 475; Wood, S. L. 1989: 174.

*schwarzi* 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**) Blatchely & 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 1958a: 172. (**ds**) Browne 1961c: 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.

*rumseyi* 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; Kleine 1934a: 144; Leng 1920: 340. (**tx**) 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.

*koebelei* 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.

*mali* 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 Agnas, 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, Parahyba, 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.

*evonymi* 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 ♀; Amani, 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.

*eldersi rotroui* 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: 783–786; Magnin 1954: 468; Mayne & Donis 1951: 331; Schedl 1960f: 77; Souphieff & Scherbinovskaja 1937: 81. (**ec**) Cachan 1957: 15; Entwistle 1963a: 87; Mayne & Donis 1951: 331; Schedl 1958d: 190, 1961k: 511. (**hb**) Jones, Roberts, & Baker 1959: 23; Paulian 1951: 27–31; Schedl 1958d: 190, 1961k: 511. (**ds**) Ghesquiere 1933a: 32–36; Kleine 1934a: 144; Mayne & Donis 1962: 307; Schedl 1960f, 1961k: 511; Souphieff & Scherbinovskaja 1937: 81; 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: 870, 1954e: 49, 1955f: 258, 1957c: 324, 1957d: 11, 1961k: 511, 1979c: 206; Wood, S. L. 1989: 174.

*intersetosus* Eggers 1928c: 85 (*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: 18; Costa Lima 1956; Eggers 1928c: 85; 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: 778; Costa Lima 1956; Dinther 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 1958; Lezhava 1930: 863; Stark 1952: 291. (**ds**) Balachowsky 1963a: 1281; Davatchi 1958; Kleine 1934a: 143; Kobakhidze 1957: 178; 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.

*erythrinae* Eggers 1936d: 628 (*Stephanoderes*). Holotype ♀; Sakalaspur, India; BMNH, London, 1 Eggers cotype in NHMW, Wien. Synonymy: Wood 1972f: 47.

References: (**ds**) Beeson 1940: 195, 1961: 288; Brimblecombe 1953: 20; Browne 1964c: 78. (**tx**) Eggers 1936d: 627–628; Schedl 1948g: 25, 1953b: 124, 1955b: 284, 1958b: 99, 1979c: 92; Wood, S. L. 1972: 47.

*bicolor* Schedl 1939f: 32. Lectotype ♀; Java, Pengandaran; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 38, preoccupied by Eggers 1919. Synonymy: Schedl 1957d: 11.

References: (**hb**) Kalshoven 1958: 170; Yunus & Hua 1980: 229. (**ds**) Yunus & Hua 1980: 229. (**tx**) Eggers 1919, 1924; Nunberg 1960: 609; Schedl 1939e: 326, 328, 1939f: 32, 1942d: 2, 1950g: 896, 1953b: 124, 1953c: 288, 1957d: 11, 1961k: 475–476, 1979c: 38.

*argentinensis* Schedl 1939d: 408. 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: 408–409, 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 1958; 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.

*mauiensis* Schedl 1941f: 110. Lectotype, sex?; Maui: 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.

*calaensis* Eggers 1944b: 94 (*Archeophalus*). Syntypes ♀; Eala, Belgisch-Congo; MRCB, Tervuren. Synonymy: Schedl 1957d: 10.
Notes: (1) Schedl 1961k: 476 (to *Hypothenemus*).
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 Ruette 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.

*glabratellus* 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.

*parcius* Schedl 1957d: 49. Holotype, sex?; Congo Belge: Yangambi, Mabikwa; MRCB, Tervuren. Synonymy: Wood 1989: 174.
References: (**hb**) Schedl 1961k: 509. (**ds**) Browne 1983a: 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, Mulungu; 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.

*mesolcius* 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 stenoclada*.
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: 480. Holotype ♀; Ceylon: Millawitiya Estate; Schedl Collection in NHMW, Wien.
Distribution: Asia (Sri Lanka).
References: (**ds**) Schedl 1959a: 480. (**tx**) Schedl 1959a: 480, 1979c: 94.

***flavus* 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, & Balasabramanian 1984; Schedl 1959a: 485, 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* Nunberg 1958a: 484 (*Ernophloeus*). Holotype, sex?; Ceara [Brazil]; Nunberg Collection, IZW, Warsaw. Synonymy: Wood 1986c: 266.
References: (**cn**) Azavedo 1924a. (**ds**) Nunberg 1958a: 480. (**tx**) Nunberg 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: *Annona* sp., *Bidens pilosa*, *Cajanus cajan*, *Capparis bifolia*, *Gossypium* spp., *Ixa imbricata*, *Mangifera indica*, *Parmentiera edulus*, *Persea 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*, *Dovyalis* sp., *Geniosporum paludosum*, *Indigofera arrecta*, *Kosteletzkya adoensis*, *Lactuca* sp., *Paullinia pinnata*, *Phyllanthus* sp., *Polygonum tomentosum*, *Prunus salasii*, *Theobroma cacao*, *Triumfetta* sp., *Veronia* sp., *Virecta multiflora*.
References: (**tx**) Schedl 1939g: 170, 1939i: 384, 1961k: 502–503, 1964j: 45, 1979c: 109.

***hampei* (Ferrari)** 1867a: 11–12 (*Cryphalus*). Syntypes ♀; Gallia [in coffee beans]; NHMW, Wien.
Figures: Frolich & Rodewald 1969, Le Pelley 1968: 114, Mbondii 1973, Schedl 1961k: 562–563, Yunus & Balsubramaniam 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*.
References: (**ay**) Brun, Gaudichan, & Marcilland 1989; Edwards et al. 1952, 1953; Ferrao 1951; Herfs 1949: 26; Lhoste & Roche 1960; Mbondji 1973; Van Ryn-Tournal 1975. (**bv**) Abdul Aziz 1969; Baker, P. 1984; Meixner 1937: 1217; Schedl 1960f: 43. (**cn**) A. T. 1925: 287–298; Abasa 1975,1983; Abdul Aziz 1969; Ahrens & Vandenput 1952: 68–72; Almeida & Cavalcante 1964: 85–90; Almeida, Cavalcante, & Holanda 1967; Almeida, Pigatti, & Arrunda 1980; Alvarado 1939b; Amante, Cavalcante, & Balut 1971; Amaral 1959, 1962, 1963a, 1963b, 1964; Amaral, Arruda, & Yaya 1965; Amaral Castro 1924: 342–343; Ament 1928: 982; Anderson 1933: 95–110; Andrade 1914: 1–118; Annand 1942: 45–46; Anonymous 1919b: 194, 1921d: 603, 1922a: 456, 1924a: 354, 1926d: 920, 1928d: 14, 1930a: 23, 1937a: 217, 1962q, 1970p, 1980d; Arens 1921a: 314–320, 1921b: 296; Arisz 1923: 40–41, 1924: 1–63, 1925: 1–70; Arruda 1965; Aulmann & La Baume 1912: 48–54; Averna Sacea 1926: 1–87, 1930: 10-24, 195–213; Averoldi 1948; Azevedo 1924a: 85–86, 359–360; Baker, P. 1984; Bakker 1923: 1342; Bally 1921: 1, 1922: 43–61, 1924: 1–24, 1931; Bardner 1978: 459; Begemann 1925: 12–20, 1925: 97, 1925: 1263, 1926: 187, 1926: 194–232, 1926: 364, 1926: 803, 1927a: 329, 1927b: 1–21, 1927c: 194–207, 1928a: 285, 1928b: 573, 1928c: 353–359, 1929: 1–54, 1930, 1930: 11, 1956; Beille 1925: 387–388; 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; Bonnefil 1954: 12; Boocock 1959d; Borgmeier 1927: 279; Bos 1923: 988–999; Bontilly 1900: 1–139; Bowden 1960; Bredo 1934: 8–19, 494–514; Browne 1961c: 73; Brun, Gaudichon, & Marcilland 1989; Bunting & Milsum 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 Novaes 1922: 67–70; Cheam & Ung 1973; Chevalier 1947: 1–356; Chiaromonte 1938b: 398–399; Cohic 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: 648–654; 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 Albequerque 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; Drouillon 1959: 198–207; Dumbleton 1954: 28, 104; Duport 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, Puzzie, & Orlando 1959: 21–24; Filho 1928; Fleutiaux 1901; Flores Ruegg, Lord, & Mesquita 1977; Fonseca 1930: 87, 1934: 267, 1937: 220–229, 1939a: 57–59; Fonseca & Antuori 1932: 1–87; Fonseca & Araujo 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 & Puzzi 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: 78–80, 1923: 103–147; Frohlich & Rodewald 1969: 97; Gallo 1963; Gandrup 1921: 886, 1922b, 1922c,

1923a: 2508, 1924a: 219–228, 1925: 124, 1926: 608, 1927: 1–42, 1929: 1842; Gentry, J. W. 1965: 190; Ghesquiere 1933a: 26–36, 1933b: 773–786; Giannotti et al. 1965; Gignoux 1949: 183–184; Girard 1935: 96–98; Golding 1946: 1–48; Gomes 1962; Gonzaga et al. 1954: 49–50; Gonzalez 1978; Goot 1928: 2–4, 38–46, 69–72, 1935: 1–79, 1935: 1–94; Gowdey 1910: 7–8, 1912: 1–32, 1914: 36–58, 1916: 48–53, 1917: 32–37; Guenther 1925: 400–414; Haan 1922: 63–75, 1927: 16–30; Hagedorn 1913a: Halauer 1921: 1–2, 1922: 6–11, 1923: 1–41; Hall [van Hall] 1913: 256, 1919a: 291, 1919a: 980, 1919b: 201–205, 1919c: 1099, 1919d: 1–49, 1920: 1–50, 1921: 1–50, 1922: 25, 1923a: 1913–1926, 1924: 1–47, 1924: 1–53, 1925: 1–51, 1926: 75; Hall, Dammerman, & Ruitgers 1915; Hall & Ruitgers 1922: 81–89; Hambleton 1932: 384, 1944: 383–386, 1948; Hancock 1925: 25–28; Hargreaves 1921: 57–64, 1922: 29–32, 1922: 58, 1923: 15–21, 1923: 172–173, 347–354, 1924: 16, 1926: 51, 1927: 24–27, 1928: 1–11, 1929: 44–45, 1933: 50–54, 1934: 62–72, 1935: 218–224, 1936: 10, 1940: 372–380; Harris 1935: 84–89; Heinrich 1960, 1961: 17–29, 1965; Hempel 1933: 197–212, 1934a: 551–555; Herfs 1949: 26, 1950: 6; Hernandez-Paz & Penagos Dardon 1974; Heuren 1919: 1–66; Heyden, Reitter, & Weise 1883: 182; Hill, D. S. 1983: 70; Hoedt 1924: 248–258, 1929: 147; Hucke 1925: 1–11; Hutson 1936: 379, 1937a: 22–28, 1937b: 1, 1939: 36–41, 1941: 19–20; Ihering 1924: 111–114; Ingram 1965, 1968; Inguza, S. 1962, 1964; Jack 1927: 23–27; Jepson 1936: 47–53; Jervis 1939: 121–124; Jong 1925: 1–30; Kaatz 1964; Kaden 1930: 1–56; Kalshoven 1932: 253, 1937: 1, 1951: 852, 1953b: 157; Kleine 1913b: 121, 1914b: 288, 323, 1932a: 145, 298; Knaus 1930: 1036; Kuneman 1923: 2321–2323; Kunhi 1930: 1–12; Lambourne 1936; Lankester 1921: 1–26, 1922: 1–26; Lavabre 1958: 124, 1962: 36, 1979; Leefmans 1920: 645–659, 1922a: 339, 1923: 5, 1923: 191–201, 1923: 1341, 1924a: 9, 1924b: 191–201, 1926: 439–441, 1927: 29–31, 1929: 1–96, 1930: 1–100; Lefevre 1954: 261–263; Leggieri 1952: 88; Lepage & Giannotti 1949: 299–308, 1950: 299–308; Lepage, Giannotti, & Orlando 1948: 17–18; LePelley 1959, 1968: 114, 1973; Lepesme 1944: 239–241, 1947: 644; Leplae 1928a: 271–276, 1928b: 121–123; Leroy 1936: 1–30; Lester-Smith 1937: 39; Lew 1924: 1–26; Liceras & Farge 1974; Ligt 1931: 5–7; Loureiro 1948: 24; Maas 1927: 803; Maas & Boedijn 1927: 1–16, 1927: 233; Maas et al. 1927: 806; Machado 1925: 1–11; Mallamaire 1935: 70–79, 1937: 1–45; Mancion & Alibert 1936: 33–43; Mansingh & Rhodes 1983; Marcu 1934: 57; Margarinos Torres 1926: 41–43; Mathur & Singh 1960a: 13; Mathur, Singh, & Lal 1958: 31, 1958: 103; Maurenbacher 1922: 769; Mayne 1914: 596–598, 1924; Mayne & Donis 1951: 333; McCrae 1958: 68; McDonald 1925: 163; McPherson, G. 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233–260, 1943: 79–83, 1945: 27–32, 1947: 213–238; Toledo, Duvall, & Sauer 1947: 113–118; Toledo & Sauer 1947: 113; Toledo Piza Junior 1924: 3, 13, 1924b: 354–355, 1928a: 84–85, 1928b: 1–52, 1938: 424; Toledo Piza Junior and Pinto da Fonseca 1935a: 179–199; Toledo Rodovalho [Rodovalho] 1925b: 188–192; Trench 1932: 158–175; Ultee 1919: 1–25, 1921: 1–25, 1923: 22–24, 1924a: 359–367, 1924b: 1–43, 1924: 478, 1925: 1–43, 1926: 1–52, 1927: 18–23, 1928: 10–18, 41–42, 1929: 1–64, 1930: 647, 1931: 1–51, 1931: 1–55; Ultee & Arisz 1924: 229–237; Van der Goot 1928: 39; Van Roechodt 1933: 34; Vayssiere 1923: 107–112, 136–150, 1924: 26–32, 1925: 241–248, 1927: 106–110; Vecht 1953: 272–277; Vonte 1937: 28–34; Vrydagh 1940: 1–4; Vuillet 1914: 19–21; Wallace 1942: 45–46; Waterston 1923: 112–118; Weele [van der Weele] 1910: 1–6, 1910: 308–316; Wildman 1927: 205; Wilkinson 1928: 1–10, 1929: 172–186, 1933: 172–186, 1939: 86–101; Wille 1924: 171–174, 1925: 139–141; Willet 1952: 383; Wood, S. 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S. 1983: 70; Hutson 1936: 379; Kalshoven 1937: 1, 1951: 852–855, 1958: 172, 1963; Kleine 1932a: 298; Lengerken 1939: 64; LePelly 1968: 114; Mbondji 1974; Mendes 1949c: 203, 1951a: 213; Montealegre 1949c: 477; Munro 1927: 563; Ortiz & Leon 1972a, 1972b; Penagos Dardon 1974a; Pasquier 1932: 238–247; Prates 1971; Roepke 1919a: 7; Schedl 1961k: 562; Schmitz & Crisinel 1957: 9–156; Sequeira 1961; Sivaram 1980; Sladden 1934: 26, 77; Sulistyowati 1986; Thomas, K. M. 1949: 83; Ticheler 1961,1963; Wachtl 1876a: 456, 458; Wood, S. L. 1982b: 888; Yunus & Balasubramaniam 1975: 75; Yunus & Hua 1980: 228. (**ds**) Anonymous 1919b: 194, 1962q, 1968j, 1970p, 1980d, 1989c; Atkinson & Equihua 1985c: 357; Barthe 1896; Beaver 1989a: 2; Beaver & Browne 1975: 291; Beeson 1941: 368, 387–388, 925, 1961: 298; Begemann 1926; Bielz 1887; Blackman 1950; Blackwelder 1947: 778; Brakman 1966b: 206; Bright 1981c: 154, 1985c: 175; Browne 1961c: 73; Choo & Woo 1983; Costa Lima 1922, 1924, 1936, 1956; De Ingunza & Augusto 1964; Dumbleton 1954; Endrodi 1958b; Evans 1952: 141; Everts 1927; Ferreira 1965: 1115; Gemminger & Harold 1872: 2684; Gentry, J. W. 1965: 190; Ghesquiere 1933a; Gonzalez 1978; Hagedorn 1910d: 43, 1912: 41, 1913a: 12; Hambleton 1932, 1947, 1948; Heyden, Reitter, & Weise 1891: 671, 1906: 711; Hill, D. S. 1983: 70, 495, 552; Horion 1951; Johnston, A. 1963b; Kaatz 1961, 1962, 1964; Kalshoven 1932: 253, 1937: 1, 1963; Kleine 1913a: 35, 1932a: 298, 1934: 145; Lee 1971: 31; LePelley 1968: 114; Mathur & Singh 1960a: 13; Mathur, Singh, & Lal 1958: 31; Mayne & Donis 1962: 331; McPherson, G. I. 1978; Mendes 1951a: 213; Mumford 1960: 4, 1961: 33, 1962: 38, 1963: 44, 1964: 39, 1965: 33, 1966: 50; Nonveiller 1984: 40; Nunberg 1952: 19, 1961a: 329, 1965b: 20, 1972b: 197; Ortiz & Leon 1972a, 1972b; Peyerimhoff 1935: 193; Reid, J. C. 1983; Reitter 1894a: 74, 1916: 290; Roba 1935: 340; Schedl 1959a: 485, 1959p: 17, 1960f: 11, 1961k: 562, 662, 1962b: 58, 1962h: 58, 1962k: 1069, 1964j: 40, 1965g: 19, 1967e: 211, 1971d:425, 1980a: 16; Schmutterer 1961: 469; Sefer 1961; Seidlitz 1891: 608; Sprecher 1934: 150; Stahel 1926: 79; Stein 1868: 114; Stein & Weise 1877: 164; Straby 1970: 6; Strohmeyer 1910f: 186–187; Ticheler 1961,1963; Tymchak 1976: 9, 1977: 10, 1978: 12, 1980: 17; Wachtl 1876a: 456–459; Wichmann 1927a: 79, 1955a: 96; Wood, S. L. 1957e: 1273, 1960a: 35, 1977a: 71, 1982b: 888; Yunus & Hua 1980: 228; Zimmermann 1904: 70. (**tx**) 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: 380, 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 1940e: 63; Howard 1930: 360; Kalshoven 1961b: 94; Merino-Rodriguez 1966: 49; Solly 1966; Sprengel 1926: 78.

*coffeae* Hagedorn 1910e: 1 (*Stephanoderes*). Syntypes ♀; Entebbe, Uganda, Zentralafrika, Angola; BMNH, London. Synonymy: Hagedorn 1912: 40.

References: (**cn**) A. A. 1924; A. T. 1925; Alvarado 1939a; Anonymous 1921k: 624, 1924g: 266, 1924m: 265; Azavedo 1924a, 1924b, 1925a, 1925c; Bergamin 1943: 31–72; Conceicao 1943: 895–904; Costa Lima 1924, 1925c; Duclos 1928; Escherich 1927; Gowdey 1912: 1–32, 1913: 29–39, 1914: 36–58, 1917: 32–37, 48–53; Grandi 1951; Hagedorn 1913a; Herfs 1950: 6; Leplae 1928a: 271, 1928b: 121; Mayne 1914: 596; Morstatt 1911a: 69, 1914b: 308, 1914e: 138; Paulian 1943: 359; Rodovalho 1925b: 188; Roepke 1910: 91, 1919a: 7; Schmitz & Crisinel 1957: 9; Schouteden 1924: 56, 1927: 114; Sladden 1934: 27; Small 1915: 71–77, 1915: 751, 1921: 36; Van Roechoudt 1933: 34; Vayssiere 1924: 26; Vuillet 1914: 19–21, 1925: 601; Wille 1924: 172, 1925a: 139. (**cc**) Neger 1911a: 51; Neiva, Costa Lima, and Navarro de Andrade 1925a: 235, 264–273; Schouteden 1924: 56; Sladden 1934: 27; Thompson, W. R. 1943: 112. (**hb**) A. T. 1925; Alvarado 1939a; Costa Lima 1924: 316, 1925c; Grandi 1951; Hagedorn 1913a; Lengerken 1939: 64, 1954: 84; Morstatt 1924: 11, 17, 30; Paulian 1943: 359; Roepke 1919a: 7; Schmitz & Crisinel 1957: 9; Sladden 1934: 27; Vayssiere 1923: 107; Yunus & Hua 1980: 229. (**ds**) Azavedo 1925c; Blackwelder 1947: 778; Costa Lima 1924, 1925c; Hagedorn 1910d: 41, 1913a; Kleine 1913b: 121, 1914b: 288, 1934a: 145; Toledo Piza Junior 1924a: 325; Vayssiere 1923: 107; Yunus & Hua 1980: 229. (**tx**) Costa Lima 1924: 316; Eggers 1922a: 85, 1923a: 129–130; Hagedorn 1910a: 86, 1910e: 1–2, 1912b: 40–41; Lepesme 1944: 238; Sampson 1923a: 270; Schedl 1961k: 563–564; Toledo Piza Junior 1924b: 354.

*coffeivorus* Weele 1910: 1 (*Xyleborus*). Syntypes, sex?; Java; not located. Synonymy: Strohmeyer 1910f: 186.

References: (**cn**) Chevalier 1947; Kalshoven 1932: 253; Roepke 1919a: 7; Strohmeyer 1910f: 186–187. (**hb**) Chevalier 1947; Kalshoven 1932: 253; Roepke 1919a: 7. (**ds**) Brakman 1966: 206; Everts 1927; Strohmeyer 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.

*cofeicola* Campos Novaes 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 Novaes 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**) Ghesquiere 1933a: 26–36, 1933b: 774–782; Kemner 1924: 1–33; Mayne & Donis 1951: 333–334. (**cc**) Mayne & Donis 1951: 333–334. (**hb**) Schedl 196k: 618. (**ds**) Ghesquiere 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.

***hirsutus* (Wood)** 1954a: 1020 (*Stephanoderes*). Holotype ♀; Plantation Key, Florida [USA]; SMUK, Lawrence.

Distribution: North America (S Florida in USA).

Hosts: *Acras sapota*, *Ardesia paniculata*, *Engenia buxifolia*, *Ipomoea cathartica*, *Lysoloma bahamensis*, *Metopium 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 ♀; Amani (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: 380, 1961k: 507.

***incognitus* (Schedl)** 1967e: 227 (*Stephanoderes*). Holotype ♀; Kindamba, Meya, Bangou forest [Congo, Brazzaville]; NHMB, Budapest.
Distribution: Africa (Congo).
References: (**tx**) Schedl 1967e: 227–228, 1979c: 123.

***indigens* Wood** 1974a: 20. Holotype ♀; 9 km S Huajuapan, 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: 883. (**tx**) Wood, S. L. 1974a: 20, 1982b: 883.

***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 borbonea*, *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. (**ec**) Equihua & Atkinson 1986: 632; Roling & Kearby 1977. (**hb**) Baker, W. L. 1972: 254; Blackman 1922b: 93–94; Chamberlin 1939: 307; Deyrup & Atkinson 1987a: 66; Equihua & Atkinson 1986: 632; Wood, S. L. 1953: 145, 1954a: 1033. (**ds**) Atkinson & Equihua 1985c: 356, 1988: 92; Blackman 1922b: 93–94; Bright 1985c: 175; Chamberlin 1939: 307; Deyrup 1981b: 7; Deyrup & Atkinson 1987a: 66; Drooz 1985: 368; Equihua & Atkinson 1986: 632, 1988: 210; Kirk 1970; Leng 1940: 340; Turnbow & Franklin 1980; Wood, S. L. 1982b: 887. (**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: 887.

*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: 778; 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**) Nunberg 1960: 291; Schedl 1950d: 25, 1961k: 590, 599, 1979c: 128.

***japonicus* (Niisima)** 1910a: 10 (*Cryphalus*). Syntypes, sex?; Japan: Honshu; Nobuchi Collection, Ibaraki.
Distribution: Asia (Honshu in Japan).
References: (**ds**) Murayama 1954b: 199; Nobuchi 1985c: 16. (**tx**) Murayama 1954b: 199; Niisima 1910a: 10; Schedl 1934f: 1640.

***javanus* (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/ Zaire/ Zambia), Antilles Islands (Cuba/ Guadeloupe/ Haiti in Hispanola/ 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: *Bauhinia alba*, *B. tomentosa*, *Budianana sessilfolia*, *Caesalpinia pulcherrima*, *Conocarpus erecta*, *Dipterocarpus zeylanicus*, *Dryobalanops aromatica*, *Dyera costulata*, *Eleagnus pungens fruitlandi*, *Ficus aurea*, *Gossypium hirsutum*, *Hevea brasiliensis*, *Leucania glauca*, *Mangifera indica*, *Ochroma* sp., *Ocotea catesbiana*, *Personia borbonia*, *Rheedia* sp., *Rhizophora mangle*, *Sterculia macrophylla*, *Tamarindus indica*, *Trema floridana*, *Vitis* sp.
References: (**cn**) Mathur & Singh 1961a: 70; Sladden 1934: 27. (**ec**) Sladden 1934: 27; Wichmann 1955a: 98. (**hb**) Beaver 1987a: 19; Beaver & Loyttyniemi 1985a: 80; Browne 1961c: 72–73; Deyrup & Atkinson 1987a: 66; Kalshoven 1958b: 169; Loyttyniemi, Beaver, & Loyttyniemi 1984; Sladden 1934: 27; Yunus & Hua 1980: 229. (**ds**) Atkinson & Equihua 1985c: 357; Beaver 1987a: 19, 1990a: 280; Beaver & Loyttyniemi 1985a: 80; Beeson 1961: 299; Bright 1985c: 175; Browne 1961c: 73, 1980d: 493; Deyrup & Atkinson 1987a: 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: 485; Van Swaloenburg 1956: 9; Wichmann 1955a: 98; Wood, S. L. 1957c: 402, 1977a: 71, 1982b: 909; Yunus & Hua 1980: 229. (**tx**) Anderson, W. H. & Anderson 1971: 16; Bright 1985c: 175; Eggers 1908c: 215, 1922b: 167, 1927b: 396, 1936d: 626; Hagedorn 1910a: 86; Hopkins 1915b: 24; Schedl 1939f: 35, 1942d: 3, 1952c: 62, 1954a: 139, 1958k: 143, 1959a: 485, 1959e: 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: 778; 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: (**cc**) 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*). Syntypes 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.

***lefevrei* (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 1986d: 419.

*albipilis* Reitter 1887b: 195 (*Stephanoderes*). Holotype, sex?; Jerusalem; NHMB, Budapest. Synonymy: Eggers 1940h: 62.
References: (**ds**) Hagedorn 1910d: 40; Hariri 1971: 262; Kleine 1913b: 121; Reitter 1894a: 74. (**tx**) Eggers 1940h: 62; Hagedorn 1910a: 85; Hopkins 1915b: 15; Reitter 1887b: 195, 1894a: 74, 1913a: 72; Schedl 1934f: 1640; Wichmann 1911c: 210.

*kraussei* Wichmann 1911c: 210. Syntypes, sex?; Sardinein; not located. Synonymy: Eggers 1921: 40.
References: (**tx**) Eggers 1912f: 29, 1921: 40, 1940h: 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: (**cc**) Halperin & Holzschuh 1984: 26. (**hb**) Halperin & Holzschuh 1984: 26. (**ds**) Beaver & Loyttyniemi 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, Aruwimi), und Barumbu; MRCB, Tervuren. Synonymy: Wood 1968b: 78.

References: (**cn**) Ghesquiere 1933a: 25–36, 1933b: 774–786; Magnin 1954: 468. (**hb**) Schedl 1961k: 626. (**ds**) Ghesquiere 1933a; Kleine 1934a: 145; Schedl 1961k: 625, 1962k: 1070, 1965f: 4, 1967e: 212. (**tx**) Eggers 1932c: 32–33; Schedl 1950d: 17, 1961k: 625–626, 1962k: 1070.

***lineatus* (Eggers)** 1927a: 175 (*Stephanoderes*). Holotype ♀; Belg.-Congo: Banana; 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, Persea indica.*
References: (**ds**) Ferreira 1965: 1115; Mayne & Donis 1962: 312; Schedl 1959p: 17, 1961k: 602, 1967e: 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.

***macrolobii* (Eggers)** 1940c: 234 (*Stephanoderes*). Holotype, sex?; Congostaat; Eggers Collection, in NHMW, Wien.
Distribution: Africa (Angola/ Tanzania/ Zaire), Madagascar.
Hosts: *Anacardium occidentale, Gilbertiodendron dewevrei, Jatropha* sp., *Macrolobium* sp., *Microcos pinnatifida, Polyalthia suaveolens, Synsepalum 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 *cryphaloides* 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: 384, 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, Sungei 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 ♀; Zambeze (Environ de Sone, M. Sousson); 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.

***mangovorus* 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: *Afzelia bella, Scutia myrtina.*
References: (**tx**) Eggers 1936c: 36; Schedl 1961k: 605.

***mateui* (Schedl)** 1965j: 198 (*Stephanoderes*). Holotype, sex?; Sahara mer., Ouedi Koboue, Ennedi; MNHN, Paris.
Distribution: Africa (Chad), Asia (Israel).
Hosts: *Acacia raddiana.*
References: (**ec**) 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 *Stylotentus*, =*Hypothenemus*).
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 acmenioides*.
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?; Ostafrica: Muansa; Methner 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, Manchoukuo, China; Murayama Collection in USNM, Washington.
Distribution: Asia ("Manchoukuo," "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, Chute 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 preusii, Theobroma cacao*.
References: (**hb**) Pollet 1977; Schedl 1961k: 605. (**ds**) Ferreira 1965: 1115; Mayne & Donis 1962: 312; Pollet 1977; Schedl 1959p: 17, 1961k: 605, 1962h: 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. XII, Marojejy-Ouest, 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 (Niunzu); 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.

***multidentatulus* (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: 608, 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. 1982b: 894. (**ds**) Blackwelder 1947: 778; Browne 1973a: 280; Wood, S. L. 1982b: 894. (**tx**) Hopkins 1915b: 22, 28; Schedl 1940a: 342, 1961k: 608; Wood, S. L. 1972f: 49, 1982b: 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: 778; 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 (SLW, 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** 1984e: 78. Holotype, sex?; Viti Levu: Namosi Road [Fiji]; BMNH, London.
Distribution: Fiji Islands.
References: (**tx**) Browne 1984e: 78.

***nanellus* Wood** 1971: 34. Holotype ♀; Turrialba, Cartago Prov., Costa Rica, 800 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: Tree twigs.
References: (**hb**) Wood, S. L. 1982b: 899. (**ds**) Wood, S. L. 1982b: 899. (**tx**) Wood, S. L. 1971: 34, 1982b: 899.

***natalensis* (Schedl)** 1941d: 392 (*Archeophalus*). Holotype ♀; Natal; Schedl Collection in NHMW, Wien.
Distribution: Africa (South Africa).
References: (**ds**) Schedl 1961k: 442–443. (**tx**) Schedl 1941d: 392, 1957e: 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: 168.

***novateutonicus* (Schedl)** 1951m: 105 (*Ptilopodius*). Syntypes, sex?; Brasilien, Santa Catarina, Nova Teutonia; Schedl Collection in NHMW, Wien and Plamann Collection.
Distribution: South America (Brazil).
Notes: (1) Schedl 1979c: 172 (citation of holotype invalid).
References: (**tx**) de Ruette 1970: 112, 113; Schedl 1951m: 105, 1979c: 172.

***oblongus* (Nobuchi)** 1981c: 14 (*Macrocryphalus*). Holotype, sex?; Takao, Tokyo; Nobuchi Collection, Ibaraki.
Figures: Nobuchi 1981c: 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 (SLW).
References: (**tx**) Nobuchi 1981c: 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 Hispanola/ 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. (**ec**) Beaver 1979b: 298. (**hb**) Baker, W. L. 1972: 254; 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 1929e: 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 LeConte 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.

*knennemanni* 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. (**ec**) 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; Nunberg 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; Nunberg 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. (**ec**) 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.

*buscki* 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 ♀; Manaos, 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., *Tovomita 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. 1982b: 889. (**tx**) Costa Lima 1956; Eichhoff 1872a: 132–133, 1878b: 151; Hagedorn 1910a: 87; Hopkins 1915b: 24; Wood, S. L. 1982b: 889.

***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 1988: 92; Blackwelder 1947: 778; Ferrer 1942; Wood, S. L. 1977a: 71, 1982b: 905. (**tx**) Hopkins 1915b: 21, 25; Schedl 1940a: 342; Wood, S. L. 1982b: 905.

***parvulus* Browne** 1984d: 93. Holotype, sex?; New Guinea: Sawmill L. A.; BMNH, London.
Distribution: New Guinea.
Hosts: *Evodia* sp.
References: (**tx**) Browne 1984d: 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 dewevrei*, *Pleiocarpa tubicina*, *Polypodium lycopodioides*, *Randia congolana*, *Theobroma cacao*.
References: (**bv**) Schedl 1960f: 32. (**cn**) Ghesquiere 1933a: 27–35, 1933b: 776–782; Schmitz & Crisinel 1957: 12. (**ec**) Schedl 1961k: 608. (**hb**) Loyttyniemi, Beaver, & Loyttyniemi 1984; Schedl 1961k: 608; Schmitz & Crisinel 1957: 12. (**ds**) Beaver & Loyttyniemi 1985a: 81; Ferreira 1966: 1115; Ghesquiere 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 (Rutshuru); 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 1985c: 175; Leng & Mutchler 1917: 219. (**tx**) Bright 1985c: 175; Hopkins 1915b: 20.

***plumeriae* (Nordlinger)** 1856: 74 (*Bostrichus*). Holotype ♀; Venezuela; NHMW, Wien.
Figures: Schedl 1961k: 547.
Distribution: Africa (Liberia/ Zaire), Antilles Islands (Guadeloupe/ 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*, *Qualea 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; Rau 1935: 10–25; Schedl 1960a: 79; Stahel 1925: 1–3. (**tx**) Blandford 1904; Costa Lima 1945; Eichhoff 1878b: 164; Ferrari 1867a: 17, 1868: 252; Green 1912a; Hagedorn 1910a: 87; Kirsch 1875: 283; Lacordaire 1866: 383; Nordlinger 1856: 74; Schedl 1940a: 342, 1952k: 159–160; Wood, S. L. 1989: 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 1989: 174.
References: (**bv**) Schedl 1960f: 110. (**hb**) Beaver 1974a; Viana 1964: 121. (**ds**) Beaver 1974a; Blackwelder 1947: 777; Bright 1985c:

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 Rivieres, 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: (**ec**) 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)** 1972e: 288 (*Stephanoderes*). Holotype, sex?; Ghana, Ashanti Region, Ofinso, 259 m, N 6 54, W 1 39; NHMB, Budapest.
Distribution: Africa (Ghana).
References: (**tx**) Schedl 1972e: 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: 381. (**tx**) Hopkins 1915b: 21, 25; Wood, S. L. 1972f: 50.

*minutissimus* Schedl 1952a: 450. Lectotype, sex?; Argentina, Buenos Aires, Pilar, Cordoba, Dep. Punilla; 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 Nimzu); MRCB, Tervuren.
Distribution: Africa (Congo/ Ghana/ Ivory Coast/ Nigeria/ Zaire).
Hosts: *Celtis brieyi*, *Citrus* sp., *Cola griseiflora*, *Ficus polita*, *Monodora* cf. *myristica*, *Pterocarpus tinctorius*, *Theobroma cacao*, *Trema guineensis*, *Triplochiton scleroxylon*.
References: (**bv**) Schedl 1960f: 33. (**ec**) Cachan 1957: 15; Schedl 1961k: 616–617. (**hb**) Schedl 1961k: 616; Thompson, G. H. 1963: 67. (**ds**) Mayne & Donis 1962: 312; Schedl 1960f: 33, 1961k: 616; Thompson, G. H. 1963: 67. (**tx**) Eggers 1935c: 305, 1936c: 36; Schedl 1950e: 211, 1954d: 871, 1954e: 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: 385,

1878b: 45, 145, 1896: 608; Hagedorn 1910a: 87; Hopkins 1915b: 24; Swaine 1909: 118; Wood, S. L. 1953: 128, 1954a: 960, 1023, 1982b: 884.

*sculpturatus* Eichhoff 1878b: 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 1878a: 385, 1878b: 45, 146, 1896: 608, 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 *crudiae* Panzer.
References: (**ds**) Hagedorn 1910d: 45; Kleine 1913b: 124, 1914b: 302; Swezey 1935: 21, 1941: 118, 1954: 14. (**tx**) Hagedorn 1910a: 87; Hopkins 1915b: 21; Perkins 1900: 181; Schedl 1934g: 177, 179, 1941f: 110, 1951m: 100.

***rugifer* (Schedl)** 1965f: 9 (*Stephanoderes*). Holotype, sex?; Uganda, Walulumbu; BMNH, London.
Distribution: Africa (Uganda).
Hosts: *Prosopis chilensis*.
References: (**tx**) Schedl 1965f: 9, 1977c: 395.

***ruginosus* Wood** 1989: 178. Holotype, ♀; Sudafrika: Potgietersrust, Transvaal; Schedl Collection in NHMW, Wien, automatic.
Distribution: Africa (South Africa).
References: (**tx**) Wood, S. L. 1989: 178.

*rugifer* Schedl 1977c: 395 (*Pachynoderes*). Holotype, ♀; Sudafrika: Potgietersrust, Transvaal; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1965.
References: (**tx**) Schedl 1977c: 395; Wood, S. L. 1989: 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, 1979c: 218.

***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 1985c: 16. (**tx**) Murayama 1954b: 199; Niisima 1910a: 3; Schedl 1934f: 1640, 1979c: 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, 1979c: 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, 1979c: 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, 1979c: 223.

***seoulensis* Choo & Woo** 1989: 58. Holotype ♀; Korea: Cheongyangri, Dongdaemum, Seoul; not given.
Figures: Choo & Woo 1989: 60.
Distribution: Asia (Korea).
References: (**tx**) Choo & Woo 1989: 58.

***seriatus* (Eichhoff)** 1872a: 133 (*Stephanoderes*). Lectotype ♀; New Orleans, Louisiana [USA]; IRSNB, Brussels, designated by Wood 1973c: 177.
Figures: Nunberg 1965b:pl. 1.
Distribution: Africa (Angola/ Congo/ Egypt/ Equatorial Guinea/ Ghana/ Ivory Coast/ Liberia/ Mozambique/ Nigeria/ Ruanda/ 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, Nine Island, North America (Costa

Rica/ El Salvador/ Guatemala/ Honduras/ Chiapas, Jalisco, Nayarit, Oaxaca, Puebla, San Luis Potosi, 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, Bauhinia tomentosa, Bursera* sp., *Cajanus cajon, Calliandra confusa, Callicarpa* sp., *Canavalia* sp., *Carya* spp., *Cecropia* sp., *Citrus aurantifolia, Coccothrinax alta, Coffea bukowensis, Cordia* sp., *Dipholis salicifolia, Eleagnus pungens, Erythrina* sp., *Eugenia buxifolia, Ficus* spp., *Galactia spiciformis, Guacea quara, Hyracreptans* sp., *Ipomoea cathartica, Juglans nigra, Liquidambar styraciflua, Maclura pomifera, Mangifera indica, Muonnia* sp., *Ochroma* sp., *Ocotea catesbiana, Persea americana, P. borbonea, 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 1928: 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: 2685; Grunwald 1930: 1–58; Hagedorn 1910d: 45; Hambleton 1947; Kleine 1913b: 121, 1914b: 385, 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, 1948d: 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: 2684; 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.

*vulgaris* Schaufuss 1897a: 209 (*Stephanoderes*). Syntypes ♀; La Digue, Sechelles Islands; Hamburg Museum, lost. Synonymy: Wood 1972f: 50.

References: (**cn**) Anonymous 1961m, 1966j, 1966k; Hammad 1961. (**hb**) Hammad 1961: 150. (**ds**) Alluaud 1900: 439; Anonymous 1961m, 1966j; Ford 1961: 321; Funasaki 1967: 343; Hagedorn 1910d: 46; Kleine 1913b: 121; Kolbe 1910: 40; Sampson 1914: 384; Schedl 1961k: 629, 1962h: 58, 1962k: 1070, 1969d: 11, 1977a: 78. (**tx**) Hagedorn 1910a: 88; Hammad 1961: 150; Hammad & 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.

*aulmanni* 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**) Aulmann & La Baume 1911: 64–65; Beaver & Loyttyniemi 1985a: 79; Ghesquiere 1933a; Hagedorn 1913a: 13; Kleine 1913b: 121, 1914b: 322, 1932a: 145, 302; LePelley 1968: 113; Mayne & Donis 1962: 311; Morstatt 1913: 292; Nunberg 1952: 19, 1965b: 19; Roba 1935: 338; Schedl 1959a: 484, 1961k: 549, 1965f: 4, 1971d: 432, 1977a: 63; Thompson, G. H. 1963: 66. (**tx**) Eggers 1922: 173, 1927a: 176, 1936c: 36–37; Hagedorn 1912b: 41–42; Nunberg 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: 778; Blatchley & Leng 1916: 600; Bright 1972d: 58; Chamberlin 1939: 303; Cooper 1935; Ford 1961: 321; Fumasaki 1967: 333; Kalshoven 1963; Kirk 1970; Knull 1934: 212; Leng 1920: 340; Martorell 1945: 469; Wolcott 1936: 317, 1948: 380; 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: 778; Leng & Mutchler 1917: 219. (**tx**) Hopkins 1915b: 22, 26; Wood, S. L. 1972f: 50.

*texanus* 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.

*fiebrigi* Hopkins 1915b: 27 (*Stephanoderes*). Holotype ♀; San Bernardino, Paraguay; USNM, Washington. Synonymy: Wood 1954a: 1048.
References: (**ds**) Blackwelder 1947: 778. (**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. (**tx**) Beal & Massey 1945: 113; 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: (**en**) 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: 308; Janes 1942: 37. (**ds**) Beal & Massey 1945: 110–113; Blackman 1922b: 94; Blatchley & Leng 1916: 602; Chamberlin 1939: 308; Kirk 1969; Kleine 1934a: 145; Leng 1920: 340. (**tx**) Beal & Massey 1945: 110–113; Blackman 1922b: 94; Blatchley & Leng 1916: 601; Chamberlin 1939: 308; 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: 308. (**ds**) Blackman 1922b: 94; Chamberlin 1939: 308. (**tx**) Blackman 1922b: 94; Chamberlin 1939: 308; 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: 308. (**ds**) Chamberlin 1939: 308; Leng 1920: 340. (**tx**) Blatchley & leng 1916: 601; Chamberlin 1939: 308; Hopkins 1915b: 22, 28; Wood, S. L. 1954a: 959, 1048.

*virentis* Hopkins 1915b: 28 (*Stephanoderes*). Holotype ♀; Lakeland, Florida [USA]; USNM, Washington. Synonymy: Wood 1954a: 1048.
References: (**hb**) Chamberlin 1939: 308. (**ds**) Blatchley & Leng 1916: 602; Chamberlin 1939: 308; Kleine 1934a: 145; Leng 1920: 340. (**tx**) Blatchley & Leng 1916: 602; Chamberlin 1939: 308; 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, 1018, 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.

*pecanis* 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.

*subopacicollis* 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.

*cassavaensis* Schedl 1938d: 453. Lectotype ♀; Uganda, Kampala; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 54. Synonymy: Wood 1989: 175.
References: (**ec**) 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, Walikoekoen; 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, 1948g: 25, 1950f: 37, 1959d: 67, 1979c: 75; Wood, S. L. 1972f: 50.

*marovoayi* 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.

*liquidambarae* 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 1967e: 226 (*Stephanoderes*). Holotype ♀; Kindamba, Meya, Bangou forest, Sibiti, IRHO rain forest; NHMB, Budapest. Synonymy: Wood 1989: 175.
References: (**tx**) Schedl 1967e: 226, 1979c: 28; Wood, S. L. 1989: 175.

***setosus* (Eichhoff)** 1868e: 391 (*Hypoborus*). Syntypes ♀; Guadeloupe; Hamburg Museum, lost except for 1 in USNM, Washington.
Distribution: Africa (Cameroon/ Ivory Coast/

Sierra Leone/ South Africa/ Tanzania/ Uganda/ Zaire), Antilles Islands (Cuba/ Guadeloupe/ Haiti in Hispanola/ 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. Theobroma cacao.*

References: (**cn**) Aulmann 1912: 54; Aulmann & La Baume 1911: 6, 67; Corporaal 1921: 5; Ghesquiere 1933a: 31, 1933b: 782. (**ec**) 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; Fleutiaux & Salle 1890: 457; Gemminger & Harold 1872: 2684, 2686; Hagedorn 1910d: 45; Heyden, Reitter, & Weise 1883: 182, 1891: 671, 1906: 711; Horion 1951; Kalshoven 1958: 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, 1868e: 391, 1872a: 133, 1877a: 117, 1878b: 149–150, 1881a: 46, 191, 1883a: 110, 134; Ferrari 1867a: 81, 1867b: 81, 114; Hagedorn 1910a: 88, 1910e: 2; Hopkins 1915b: 23; Lindemann 1877a: 168; Nobuchi 1983: 300; Reitter 1894a: 73, 1913a: 71, 1916: 290; Schaufuss 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 1929e; Eichhoff 1878b: 155; Hagedorn 1910a: 86; Hopkins 1915b: 21; Wood, S. L. 1975b: 393.

*congonus* Hagedorn 1912a: 337 (*Stephanoderes*). Lectotype ♀; Eala, Congo; MRCB, Tervuren, designated by Wood 1975b: 393. Synonymy: Wood 1975b: 393.

References: (**bv**) 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. (**ec**) 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; Nunberg 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, KibaliIturi, 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 devivrei, Polyalthia suaveolens, Trema guineense.*

References: (**bv**) Schedl 1960f: 33. (**ec**) Schedl 1961k: 620. (**hb**) Browne 1963a: 234; Schedl 1961k: 620. (**ds**) Browne 1963a: 234; Ferreira 1965: 1115; Schedl 1959p: 17, 1960f: 33, 1961k: 620, 1962h: 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/ Zaire).
Hosts: *Albizzia 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.

***solocis* 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**) Equihua & Atkinson 1986: 632. (**hb**) Baker, W. L. 1972: 254; Equihua & Atkinson 1986: 632. (**ds**) Equihua & 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.

***spinicollis* (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.

***spinosus* (Schedl)** 1979g: 98 (*Lepiceroides*). 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 ♀; Cayamas, 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., *Pithecelobium unguiscati, Serjania* sp., *Torruba longifolia, Vismia* sp.
References: (**ec**) Equihua & Atkinson 1986: 633. (**hb**) Equihua & Atkinson 1986: 633; Wood, S. L. 1954a: 1038. (**ds**) Atkinson & Equihua 1985c: 357; Atkinson et al. 1991: 161; Blackwelder 1947: 778; Equihua & 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.

***stigmosus* (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 1958f: 42 (*Stephanoderes*). Holotype, sex?; Argentinien: Buenos Aires, Isla Martin Garcia; Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 175.
References: (**tx**) Schedl 1958f: 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: *Albizzia caribaea*, *Cecropia* sp., *Inga* sp., *Theobroma cacao*.
References: (**ds**) Wood, S. L. 1982b: 906. (**tx**) Wood, S. L. 1974a: 22, 1982b: 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. 1982b: 904. (**ds**) Wood, S. L. 1982b: 904. (**tx**) Wood, S. L. 1971: 35–36, 1982b: 904.

***teteforti* (Menier)** 1971: 141 (*Stephanoderes*). Holotype ♂; Madagascar Sud, 25 km a l'Est de Tulear, sur la route de Tananarive; MNHN, Paris.
Distribution: Madagascar.
Hosts: *Euphorbia oncoclada*.
References: (**tx**) Menier 1971: 141; Schedl 1977a: 77.

***tredli* (Reitter)** 1908a: 55 (*Cryphalus*). Holotype, sex?; Agypten; Cairo; NHMB, Budapest.
Distribution: Africa (Egypt).
References: (**ds**) Kleine 1914a: 15. (**tx**) Eggers 1940h: 62; Reitter 1908a: 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 trichilionides*.
References: (**ds**) Blackwelder 1947: 778; Bright 1985c: 175; Martorell 1945: 469; Wolcott 1948: 381. (**tx**) Bright 1985c: 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 1985c: 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, 1958k: 143.
*apatoides* Eichhoff 1875: 201 (*Dryocoetes*). Holotype, sex?; Japan; IRSNB, Brussels. Synonymy: Schedl 1958k: 143.
References: (**tx**) Eichhoff 1875: 201; Schedl 1958k: 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 guianensis*.
References: (**ds**) Wood, S. L. 1982b: 887. (**tx**) Wood, S. L. 1974a: 20, 1982b: 887.

***tuberosus* (Schedl)** 1942d: 19 (*Stephanoderes*). Lectotype, sex?; Java, Buitenzorg; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 258.
Distribution: Indonesia (Java).
References: (**tx**) Schedl 1942d: 19, 1979c: 258.

***tungamwansolus* (Schedl)** 1939i: 385 (*Stephanoderes*). Lectotype, sex?; Ukerewe, Tanganyika; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 258.
Distribution: Africa (Tanzania/ Zambia).
Hosts: *Bridelia scleroneuroides*.
References: (**ds**) Beaver & Loyttyniemi 1989; Schedl 1961k: 626. (**tx**) Beaver & Loyttyniemi 1989; Schedl 1939g: 170, 1939i: 385–386, 1957d: 56, 1961k: 626, 1979c: 258.

***vesculus* Wood** 1974a: 21. Holotype ♀; Ocosingo Valley, Chiapas, Mexico; Wood Collection.
Distribution: North America (Chiapas in Mexico).
References: (**ds**) Wood, S. L. 1982b: 898. (**tx**) Wood, S. L. 1974a: 21, 1982b: 898.

***vitis* 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, 1982b: 872.
References: (**hb**) Wood, S. L. 1986a: 91. (**ds**) Wood, S. L. 1986a: 91. (**tx**) Arnett 1960: 1043, 1968: 1043; Hopkins 1915b: 7, 12; Nunberg 1956: 141; Wood, S. L. 1954a: 962, 981, 1067, 1982b: 872, 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 1987a: 66; Wood, S. L. 1953: 219, 1954a: 1068, 1982b: 872. (**ds**) Beal & Massey 1945: 118; Blatchley & Leng 1916: 596; Chamberlin 1939: 293; Deyrup 1981b: 7; Deyrup & Atkinson 1987a: 66; Kleine 1934a: 143; Leng 1920: 339; Smith, J. B. 1910: 401; Wood, S. L. 1982b: 872. (**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, 1982b: 872–873.

*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.

*marylandicae* 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 & Mutchler 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 1987; Deyrup & Atkinson 1987a: 66. (**ds**) Deyrup 1987; Deyrup & Atkinson 1987a: 66; Estrada & Atkinson 1988: 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. 1982b: 974. (**tx**) Blatchley & Leng 1916: 594; Chamberlin 1939: 287; Hopkins 1915b: 12; Wood, S. L. 1954a: 979, 1068, 1070, 1982b: 874.

***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, 1982b: 874. (**ds**) Wood, S. L. 1982b: 874. (**tx**) Schedl 1962r: 89; Wood, S. L. 1954a: 1068–1069, 1982b: 874.

***nigrina* (Schedl)** 1967d: 7 (*Ernoporus*). Holotype, sex?; Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
Notes: (3) A probable synonym of *atoma* Hopkins.
References: (**tx**) de Ruette 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.

Amphicranidae
References: Eichhoff 1878b: 460.

## Corthylini: Pityophthorina

Pityophthoridae
References: Eichhoff 1878b: 173.

Pityophthorinae
References: Nusslin 1911: 431.

Pityophthorina
References: Balachowsky 1949a: 232; Nunberg 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.

*Mimiophthorus* Schedl 1957d: 77. Type-species: *Brachydendrulus montanus* Schedl, nomen nudum, an error for *B. congonus* 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.

***congonus* (Schedl)** 1952i: 14 (*Brachydendrulus*). Holotype ♀; Kivu, Mulungu, Congo Belge; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: *Asparagus* sp., *Chlorocodon whiteii*, *Lencas* sp.
Notes: (3) Schedl 1962j: 63 (treated in *Mimiophthorus*).
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 (*Mimiophthorus*). 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 1958d: 185, 1962j: 67. (**ds**) Schedl 1962j: 67. (**tx**) Schedl 1957d: 77, 1961m: 83–84, 1962j: 67, 1979c: 132.

*kikusae occidentalis* Schedl 1961m: 83 (*Mimiophthorus*). Lectotype, sex?; Cote d'Ivoire; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 132.
References: (**ds**) Schedl 1964e: 68, 1972e: 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 1958d: 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 1958d: 185. (**tx**) Schedl 1957b: 156–157, 1957d: 72–73, 1962j: 55, 1979c: 158; Wood, S. L. 1989: 178.

***orientalis* (Schedl)** 1972i: 51 (*Mimiophthorus*). Holotype ♀; New Guinea (NW), Nabire; BPBM, Honolulu.

Distribution: New Guinea.
References: (**tx**) Schedl 1972i: 51, 1979c: 181.

***rosseli* (Schedl)** 1973e: 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 *Mimiocurus* (Wood 1983 private notes, p. 16).
References: (**tx**) Schedl 1973e: 88, 1979c: 213.

***rugicollis* (Schedl)** 1957d: 78 (*Mimiophthorus*). Holotype, sex?; Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: *Salacia* cf. *erecta*.
References: (**ec**) 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: *Syzygium* sp.
Notes: (1) Schedl 1979c: 226 (to *Mimiophthorus*, =*Mimiocurus*). 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.

***tongatapui* (Schedl)** 1979f: 106 (*Mimiophthorus*). Holotype, sex?; Tonga, Tongatapu: Tupou 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, Nhiasu 330 m, N 6 43, W 1 36; NHMB, Budapest.
Distribution: Africa (Ghana).
References: (**tx**) Schedl 1972e: 290, 1979c: 260.

***uniseriatus* (Schedl)** 1979d: 451 (*Mimiophthorus*). Holotype, sex?; Kamerun, Mukonje; Schedl Collection in NHMW, Wien.
Distribution: Africa (Cameroon).
References: (**tx**) Schedl 1979d: 451.

## Genus *Styphlosoma* Blandford

STYPHLOSOMA 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: 232; Hagedorn 1910a: 96–97, 1910d: 69; Wood, S. L. 1982b: 916–917, 1986a: 97–98.

***boliviae* (Schedl)** 1961i: 224 (*Stephanopodius*). Holotype ♀; Bolivia, Do Santa Cruz, Prov. Jaita, Buenovista; Schedl Collection in NHMW, Wien.
Distribution: South America (Bolivia).
References: (**tx**) Schedl 1961i: 224, 1979c: 42.

***brasiliensis* (Schedl)** 1972g: 58 (*Stephanopodius*). Holotype, sex?; Brasilien, Corcovado, Granabara; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**tx**) Schedl 1972g: 58, 1979c: 45.

***granulatum* Blandford** 1904: 232. Holotype ♂; Bugaba, Chiriqui, Panama; BMNH, London.
Distribution: North America (Costa Rica/Campeche in Mexico/ Panama).
Hosts: *Spondias mombin*.
Notes: (3) Wood 1971: 43 (described female).
References: (**ec**) Equihua & Atkinson 1986: 634; Matthews 1969: 111. (**hb**) Equihua & Atkinson 1986: 634. (**ds**) Blackwelder 1947: 782; Equihua & Atkinson 1986: 634; Estrada & Atkinson 1988: 212; Kleine 1913b: 139, 1914b: 362; Wood, S. L. 1982b: 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 graviolens*.
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 sallaei* 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**)

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: 68; 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 Biologia, Jalisco, Mexico; Wood Collection.
Distribution: North America (Jalisco in Mexico).
Hosts: *Bursera* sp.
References: (**ec**) 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: (**ec**) 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: 1071, 1959b: 2, 1972e: 194, 1982b: 926.
*nimudus* Wood 1959b: 3. Holotype ♂; Tehuitzingo, 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: (**ec**) Equihua & Atkinson 1986: 634. (**hb**) Atkinson & Equihua 1985c: 358; Atkinson et al. 1986: 70; Burgos & Saucedo 1983: 108; 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: 108; 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 (*Conophthocranulus*). 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 Magdalina, 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 Ceboruco, 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 ♀; Omiltime, 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, Guanacaste, 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: (**ec**) Equihua & Atkinson 1986: 634. (**hb**) Equihua & Atkinson 1986: 634; Wood, S. L. 1982b: 924. (**ds**) Atkinson & Equihua 1988: 90; Blackwelder 1947: 782; 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; 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 *Dendroterus*).
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.

***texanus* 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: (**ec**) Equihua & Atkinson 1986: 634. (**hb**) Equihua & Atkinson 1986: 634. (**ds**) Equihua & Atkinson 1986: 634. (**tx**) Muskus, A. 1984: 100; Wood, S. L. 1984e: 117.

## Genus *Araptus* Eichhoff

ARAPTUS EICHHOFF 1872a: 136. Type-species: *Araptus rufopalliatus* Eichhoff, monobasic.
*Neodryocoetes* Eggers 1933b: 9. Type-species: *Neodryocoetes hymenaeae* Eggers, monobasic. Synonymy: Blackman 1942a: 180, Wood 1973c: 170.
References: (**tx**) Blackman 1942a: 178–181; Bright 1972d: 91; Diakonoff 1938: 12–14; Eggers 1933b: 9, 1936a: 388–390, 1940a: 123–141; Schedl 1937h: 165, 1938a: 160–167, 177, 1939e: 344, 1951m: 72, 1962p: 206, 1964m: 311; Wood, S. L. 1973c: 170, 1986a: 97.
*Thamnophthorus* Schedl 1938a: 174. Type-species: *Thamnophthorus volastos* Schedl, subsequent designation by Blackman 1942a: 178. Synonymy: Wood 1973c: 170.
References: (**tx**) Arnett 1960: 1045, 1968: 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.
*Hypertensus* Hagedorn 1950: 164 (*in* Schedl 1950i: 164). Type-species: *Hypertensus reitteri*, nomen nudum, =*Sphenoceros limas* Schedl. Nomen nudum, no status.
References: (**tx**) Hagedorn 1950: 164 (in Schedl 1950i); Wood, S. L. 1986a: 97.
*Brachydendrulus* Schedl 1951m: 114. Type-species: *Brachydendrulus 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**) Eichhoff 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, Manaos; 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 (*Conophthocranulus*). 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 Bajia de los Angeles, Baja California Norte, Mexico; Wood Collection.
Distribution: North America (Baja California Norte in Mexico).
Hosts: *Pedialanthus macrocarpus*.
References: (**ds**) Wood, S. L. 1982b: 951. (**tx**) McNamara 1984: 752; Wood, S. L. 1975a: 30, 1982b: 951.

***aztecus* (Wood)** 1971: 54 (*Sphenoceros*). Holotype ♀; 6 km W Tepic, Nayarit, Mexico; Wood Collection.
Distribution: North America (Nayarit, San Luis Potosi 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 ♀; Fortin 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 (Germain); 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. 1982b: 941. (**ds**) Blackwelder 1947: 781; Hagedorn 1910d: 70; Kleine 1913b: 140, 1914b: 351; Wood, S. L. 1982b: 941. (**tx**) Blandford 1904: 244; Bright 1976c: 425; Hagedorn 1910a: 100; Schedl 1940a: 348; Wood, S. L. 1982b: 941.

***chilensis* (Schedl)** 1955e: 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 1955e: 256, 258, 1972d: 144, 1979c: 56.

***columbianus* (Schedl)** 1938a: 178 (*Neopityophthorus*). Holotype, sex?; Columbian; Schedl Collection in NHMW, Wien.
Distribution: South America (Colombia).
Hosts: *Theobroma cacao*, in seeds.
References: (**ds**) Blackwelder 1947: 781. (**tx**) Blackman 1942a: 183–184; Schedl 1938a: 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. 1982b: 959. (**ds**) Wood, S. L. 1982b: 959. (**tx**) Schedl 1951m: 107, 1979c: 61; Wood, S. L. 1982b: 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. 1982b: 953. (**ds**) Wood, S. L. 1982b: 953. (**tx**) Wood, S. L. 1974a: 48, 1982b: 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. 1982b: 942. (**ds**) Blackwelder 1947: 781; Ferrer 1942; Hagedorn 1910d: 70; Kleine 1913b: 140, 1914b: 351, 362; Wood, S. L. 1982b: 942. (**tx**) Blandford 1904: 241; Bright 1976b: 185; Eggers 1936a: 390; Hagedorn 1910a: 100; Schedl 1938a: 177, 1940a: 346, 1955g: 18; Wood, S. L. 1975b: 391, 1982b: 942.
*glabricollis* Schedl 1938a: 181. Holotype ♂; [Teopisca, Chiapas] Mexico; Schedl Collection in NHMW, Wien. Synonymy: Wood 1975b: 391.
References: (**ds**) Blackwelder 1947: 781; Ferrer 1942. (**tx**) Schedl 1938a: 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: (**ec**) Equihua & Atkinson 1986: 633. (**hb**) Equihua & Atkinson 1986: 633. (**ds**) Atkinson & Equihua 1985c: 358; Equihua & Atkinson 1986: 633; Kirkendall 1984: 242; Wood, S. L. 1982b: 950. (**tx**) Wood, S. L. 1975b: 394, 1982b: 950.

***corpulentus* (Schedl)** 1973a: 371 (*Neodryocoetes*). Holotype, sex?; Bolivien, Guayaramerin (Beni); NHMB, Budapest.
Distribution: South America (Bolivia).
References: (**tx**) Schedl 1973a: 371.

***costaricensis* (Schedl)** 1938a: 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. 1982b: 945. (**tx**) Schedl 1938a: 180, 1951m: 73, 1979c: 126; Wood, S. L. 1982b: 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. 1982b: 947. (**tx**) Wood, S. L. 1981: 122, 1982b: 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 (*Thamnophthorus*). 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 Plaumann 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 1985c: 175. (**tx**) Blackman 1942a: 191–192; Bright 1985c: 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, Trelawny 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 (*Thamnophthorus*). Holotype, sex?; Jacarepagua, Rio de Janeiro, Argentina; Servico 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: 85.

***eggersi* (Schedl)** 1951m: 115 (*Brachydendrulus*). Holotype, sex?; Bolivien, Cochabamba (Germain); 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 1958k: 144, 1960i: 106.

*denticulatus* Eggers 1940a: 129 (*Pityophthorus*). Holotype, sex?; Guadeloupe: Trois-Rivieres; Eggers Collection, in NHMW, Wien, preoccupied by Wichmann 1915.
Notes: (1) Bright 1981c: 158 (to *Araptus*).
References: (**ds**) Bright 1985c: 176. (**tx**) Bright 1981c: 158, 1985c: 176; Eggers 1940a: 129; Schedl 1938a: 162, 1952d: 347, 1957e: 878, 1958k: 144, 1960h: 106, 1979c: 78.

*guadeloupensis* Nunberg 1956d: 208 (*Pityophthorus*). Holotype, sex?; Guadeloupe: Trois-Rivieres; Eggers Collection, in NHMW, Wien, automatic, preoccupied by Schedl 1951.
References: (**tx**) Nunberg 1956d: 208, 1963c: 98; Schedl 1960i: 106.

***elongatus* (Schedl)** 1961i: 226 (*Thamnophthorus*). 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: 182 (*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: (1) 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: 182, 1940a: 346, 1951m: 109, 1954b: 36, 1979c: 91; Wood, S. L. 1975b: 392, 1982b: 956.

*buscki* Blackman 1942a: 192 (*Neodryocoetes*). 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: (**ec**) 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.

***foveifrons* (Schedl)** 1963c: 161 (*Thamnophthorus*). 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 (*Thamnophthorus*). Syntypes, sex?; Cordoba, San Javier [Argentina]; Schedl Collection in NHMW, Wien, and Bosq Collection.
Distribution: South America (Argentina).
Notes: (1) 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 Zunil, 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, Esquintla, 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.

***furvus* 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.

***gracilens* 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?; Argentinen, 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*). Syntypes, 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 Ruette 1970: 104; Schedl 1954b: 35, 1959m: 550, 1963c: 161, 1979c: 109.

***granulipennis* (Schedl)** 1967d: 12 (*Neodryocoetes*). Holotype ♂; Brasilien, Nova Teutonia, 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: *Browneа* sp., *Cajanus cajon*, *Ceratonia* sp., *Cicer arietinum*, *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; Nunberg 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; Nunberg 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.

*caribaeus* 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: 781; Browne 1970: 541; Costa Lima 1956; Kalshoven 1963. (**tx**) Blackman 1942a: 185; Costa Lima 1956; Schedl 1964k: 221; Wood, S. L. 1973c: 172.

*guianae* Blackman 1942a: 186 (*Neodryocoetes*). Holotype ♀; British Guiana; USNM, Washington. Synonymy: Wood 1973c: 172.
References: (**cn**) Mumford 1960: 33. (**ds**) Blackwelder 1947: 781; Mumford 1960: 33. (**tx**) Blackman 1942a: 186; Schedl 1963f: 57; Wood, S. L. 1973c: 172.

*hoodi* Blackman 1942a: 187 (*Neodryocoetes*). Holotype ♀; Taboga Island, Panama; USNM, Washington. Synonymy: Wood 1973c: 172.
References: (**ds**) Blackwelder 1947: 781. (**tx**) Blackman 1942a: 187–188; Wood, S. L. 1973c: 172.

*humilis* Blackman 1942a: 188 (*Neodryocoetes*). Holotype ♀; Bonito, Pernambuco, Brazil; USNM, Washington. Synonymy: Wood 1975b: 392.
References: (**ds**) Blackwelder 1947: 781. (**tx**) Blackman 1942a: 188; Wood, S. L. 1975b: 392.

***imitatrix* (Schedl)** 1972g: 62 (*Neodryocoetes*). Holotype ♂?; Brasil, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**tx**) Schedl 1972g: 62, 1979c: 121.

***impensus* (Wood)** 1961c: 6 (*Thamnophthorus*). Holotype ♂; Bogota, Colombia; Wood Collection.
Distribution: South America (Colombia).
Hosts: *Podocarpus raspigilosii*, in fallen seeds.
References: (**tx**) Wood, S. L. 1961c: 6.

***incommodus* (Blandford)** 1904: 245 (*Pityophthorus*). Holotype ♀; Cerro Zunil, Guatemala, 1300 m; BMNH, London.
Distribution: North America (Guatemala).
Notes: (3) Bright 1976c: 426 (to *Araptus*).
References: (**ds**) Blackwelder 1947: 782; Hagedorn 1910d: 71; Kleine 1913b: 140, 1914b: 363. (**tx**) Blandford 1904: 245; Bright 1976c: 426; Hagedorn 1910a: 101; Schedl 1955g: 18; Wood, S. L. 1982b: 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: 782; Hagedorn 1910d: 71; Kleine 1913b: 140, 1914b: 363; Wood, S. L. 1982b: 954. (**tx**) Blandford 1904: 243; Bright 1976c: 426; Hagedorn 1910a: 101; Schedl 1955g: 18; Wood, S. L. 1982b: 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: *Browneа* sp., *Cynometra hemitomophylla*, *Daphnopsis seibertii*, *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. 1982b: 944. (**ds**) Blackwelder 1947: 781; Bright 1985c: 176; Schedl 1963f: 56; Wood, S. L. 1982b: 944. (**tx**) Bright 1985c: 176; Eggers 1933b: 6; Schedl 1938a: 180, 1963f: 56, 1979c: 135; Wood, S. L. 1973c: 173, 1982b: 944.

*insularis* Eggers 1940a: 130 (*Neopityophthorus*). Holotype ♀; Trois Rivieres, 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 1938a: 180, 1951m: 73, 1979c: 125; Wood, S. L. 1973c: 173.

*guadeloupensis* Schedl 1951m: 73 (*Neodryocoetes*). Holotype ♀; Trois Rivieres, Guadeloupe; Eggers Collection, in NHMW, Wien, automatic. Synonymy: Wood 1973c: 173.
References: (**tx**) Schedl 1951m: 73, 109; Wood, S. L. 1973c: 173.

***laevis* (Schedl)** 1938a: 181 (*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: 781; Bright 1985c: 176. (**tx**) Bright 1985c: 176; Eggers 1940a: 108; Schedl 1938a: 181. 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. 1982b: 955. (**ds**) Atkinson & Equihua 1986a: 422; Wood, S. L. 1982b: 955. (**tx**) Wood, S. L. 1974a: 54, 1982b: 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. 1982b: 962. (**ds**) Wood, S. L. 1982b: 962. (**tx**) Wood, S. L. 1974a: 54, 1982b: 962.

***leptus* (Bright)** 1972c: 1666 (*Neodryocoetes*). Holotype ♀; Ejipantla, 8 km S San Andres Tuxtla, Veracruz, Mexico; CNCI, Ottawa.
Distribution: North America (Veracruz in Mexico).
References: (**ec**) 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 *Hypertensus reitteri* Hagedorn, nomen nudum, synonymy).
References: (**ds**) Blackwelder 1947: 784; Schedl 1966f: 91. (**tx**) Schedl 1939j: 566–567, 1950i: 164, 1979c: 139.

***linearis* (Schedl)** 1938a: 174 (*Thamnophthorus*). Holotype, sex?; Bolivien, Cochabamba; Eggers Collection, in NHMW, Wien.
Distribution: South America (Bolivia).
References: (**ds**) Blackwelder 1947: 781. (**tx**) Anderson, W. H. & Anderson 1971: 17; Schedl 1938a: 169, 174, 1961i: 226, 1979c: 139.

***macer* (Bright)** 1972c: 1666 (*Neodryocoetes*). Holotype ♀; Ejipantla, 8 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 (*Brachydendrulus*). Syntypes, sex?; Brasilien, Panana, Rondon, 500 m; Schedl Collection in NHMW, Wien, and Plannann Collection.
Distribution: South America (Brazil).
Notes: (1) Schedl 1979c: 155 (citation of holotype invalid).
References: (**ds**) Schedl 1966f: 85. (**tx**) de Ruette 1970: 98; 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: 781. (**tx**) Blackman 1942a: 181–182.

***nanulus* Wood** 1974a: 54. Holotype ♀; Tampico, Tamaulipas, Mexico; Wood Collection.
Distribution: North America (Tamaulipas in Mexico).
Hosts: *Disholcapsis* gall on *Quercus virginiana*.
References: (**ds**) Wood, S. L. 1982b: 948. (**tx**) Wood, S. L. 1974a: 54, 1982b: 948.

***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 Hispanola/ 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, 1800 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 (*Neodryocoetes*). Holotype, sex?; Suriname, Maripaheuvel, 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 (*Neodryocoetes*). Holotype, sex?; Brasiliens, Parana, Caioba, 10 m, 25 50, 48 40; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**ds**) Schedl 1970e: 82. (**tx**) McNamara 1977: 197; Schedl 1967d: 11, 1979c: 169.

***novateutonicus* (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, 1978c: 291; Schonherr & Pedrosa-Macedo 1981: 53. (**tx**) Schedl 1951h: 284, 1951m: 116, 1979c: 172.

***nudus* (Schedl)** 1938a: 176 (*Thamnophthorus*). 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 (*Neodryocoetes*). 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 (*Neodryocoetes*). Holotype ♂; Turkei 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 (*Neodryocoetes*). Holotype ♀; Cayamas, 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 (*Neodryocoetes*). 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.

*devius* Schedl 1972g: 61 (*Neodryocoetes*). 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 Ruette 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: *Persea 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 andreana*, *M. fawcetti*, 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 Zunil, 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, Punilla 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 Zunil, 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 (*Thamnophthorus*). Holotype, sex?; Belem, Para; Servico de Defensa Sanitaria Vegetal, Rio de Janeiro.
Distribution: South America (Brazil).
References: (**tx**) Schedl 1964b: 207, 1979c: 213.

***rufopalliatus* 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: 788; 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.

***schwarzi* (Blackman)** 1942a: 178 (*Thamnophthorus*). Holotype ♀; Boquete, Panama; USNM, Washington.
Distribution: North America (Costa Rica/Hidalgo, Quintana Roo in Mexico), South America (Ecuador).
Hosts: *Annona cherimola*, *Persea 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: 358, 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 ♀; 8 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: 358; Atkinson et al. 1986: 68; Wood, S. L. 1982b: 943. (**tx**) Wood, S. L. 1980b: 357, 1982b: 943.

***splendidulus* (Schedl)** 1966f: 107 (*Neodryocoetes*). Holotype ♀?; Brasilien, 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/ Veracruz 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 ♀; Ejipantla, 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, Nayarit 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, Escarcega, 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, Nayarit, 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/ Veracruz 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: *Menisperma* 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 ♂; Brasilien, 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.

***vesculus* 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.

***vinnulus* 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 (*Thamnophthorus*). Holotype, sex?; Bolivien, Cochabamba; USNM, Washington.
Distribution: South America (Bolivia).
References: (**tx**) Anderson, W. H. & Anderson 1971: 36; Blackman 1942a: 178; 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, 1878b: 194; Hagedorn 1910a: 101.

## Genus *Conophthorus* Hopkins

CONOPHITHORUS 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. (**ec**) 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 1928b: 6–16, 1942a: 178–179; Bright 1976d: 169–173; Bright & Stark 1973: 97; Chamberlin 1939: 332–337, 1958; Cibrian-Tovar et al. 1986: 38; Dodge 1938: 18; Hopkins 1915a: 430–433; Keen 1958: 47; Sawamoto 1942: 166; Schedl 1935h: 343, 1938a: 158, 163, 165, 167, 1955g: 4; Swaine 1918a: 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. (**ec**) 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. 1982b: 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 1985a: 90, 1985c: 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. & Maihi 1976. (**cn**) Anonymous 1956f: 108, 1961h, 1961s, 1962h, 1963y, 1965b, 1965m, 1967f, 1977v: 44; Baker, W. L. 1972: 256; Barber et al. 1979; Beal et al. 1952; Bean 1966: 43; Blackman 1930; Borden 1967: 1187; Britton 1933: 393; Brown 1958: 47, 1959: 20–22; Browne 1968b: 185; Buchanan 1964, 1965: 35; DeBarr, Barber, & Maxwell 1982; Doane et al. 1936; Drooz 1985: 365; Ebel et al. 1976: 24; Ehlers, Hoffard, & Jarrett 1978; Felt 1906: 731 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 1973: 3; Hensen 1966a; Hitchings 1908: 4; Hoekstra, Merkel, & Powers 1961; Hofacker & Loomis 1982: 26, 1983: 28; Hofacker, Loomis, & Tucker 1984: 45, 1987; Hofacker et al. 1989; Johannsen 1910: 40; Kondo & Moody 1987: 80; Lentz 1929: 424–425; Lindquist, O. H. & Syme 1981: 31; Loomis, Hofacker, &

Tucker 1986; Lyons 1956: 600; MacLeod & Lawrence 1972: 4; Magasi 1987: 63, 1988: 103; Marquis 1959: 31–41; Martineau 1985: 76; Merkel 1976: 364; Moody 1988: 69; Mook et al. 1959: 36; Morgan, F. D. & Mailu 1976; Odell & Goodwin 1964: 1–7; Pierson 1927: 109–110; Rogers, T. J. 1978c: 25; Santamour 1965: 1–8; Sterner & Davidson 1981: 32; Swaine 1918a: 92; Syme & Nystrom 1988: 33; Wilson, L. F. 1977: 81. (**ec**) Anonymous 1956f: 108, 1965: 9; Felt 1906: 751; Gerhold et al. 1966; Godwin & Odell 1965: 213; Henson 1960a, 1961b, 1962: 524, 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: 185; Chamberlin 1939: 335; Chittenden 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: 378, 449; Fogal 1979: 9; Godwin & Odell 1965: 213; Harrington 1902a: 116, 1902b; Henson 1960a, 1961b, 1962; Lyons 1956: 600; Martineau 1985: 76; Miller 1978: 698; Morgan, F. D. & Mailu 1976; Odell & Goodwin 1964; Pierson 1927: 109–110; Schwarz 1895a: 144; Swaine 1918a: 92; Thomas & Lindquist 1956: 2; Wilson, L. F. 1977: 81. (**ds**) Allison 1977, 1978; Anderson, R. L. & Barry 1980: 44; Anonymous 1926c: 518, 1963y, 1965b, 1967f, 1977v; Beaulne 1956; Blackman 1950; Blatchley & Leng 1916: 634; Bright 1976d: 170; Browne 1968b: 185; Chamberlin 1925: 1, 30, 1939: 335; Chittenden 1899a; Deyrup 1981b: 8; Deyrup & Atkinson 1987a: 66; Dodge 1938: 14, 41; Drooz 1985: 365; Felt & Rankin 1932: 378, 449; Godwin & Odell 1965: 213–219; Hagedorn 1910d: 70; Kleine 1913b: 140, 1934a: 162; Knull 1932: 66; Leonard 1928: 518; Lindquist, O. H. & Syme 1981: 31; Morgan, A. V. & Morgan 1979, 1980; Proctor 1946: 207; Swaine 1909: 134; Syme & Nystrom 1988: 33; Thomas, J. B. 1957: 4; Wood, S. L. 1982b: 987. (**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 1981: 31; Schedl 1938a: 158, 164; Schwarz 1895a: 144; Swaine 1909: 134, 1918a: 92–93; Syme & Nystrom 1988: 33; Thomas, J. B. 1957: 4, 17–26, 1967; Titus, Meikle, & Harrison 1985: 49; Wood, S. L. 1977c: 384, 1982b: 987. (**ms**) Eckstein 1900c; Hoekstra, Merkel, & Powers 1961; Marquis 1961: 23.

*taedae* Hopkins 1915a: 431. Holotype, sex?; Ft. Monroe, Virginia [USA]; USNM, Washington. Synonymy: Wood 1977c: 383.
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: 384.

*clunicus* Hopkins 1915a: 432. Holotype ♀; "13, 122, *Tomicus clunicus* Fitch det. No. 12 Hopk., Collection Fitch" [USA]; USNM, Washington. Synonymy: Wood 1977c: 384.
References: (**hb**) Chamberlin 1939: 335. (**ds**) Chamberlin 1939: 335; Leng 1920: 340. (**tx**) Chamberlin 1939: 335; Hopkins 1915a: 432; Wood, S. L. 1977c: 384.

***echinatae* 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. (**ec**) Burks 1979: 781; 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 & Equihua 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 ♂; Necaxa, 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 & Equihua 1988: 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 ♂; Uruapan, 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. (**ec**) 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; 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: 8, 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 *lambertianae* 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; Haverty & Dell 1984; Hopkins 1899b: 8; Jenkins 1984b; Keen 1929: 54, 1938: 16, 1958a: 48; Kinzer, Ridgill, & Watts 1972: 795–798; Koeber 1968: 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, & Haverty 1984; Stevens, Brewer, & Leatherman 1980: 27, 1982: 27; Swaine 1918a: 92. (**ec**) Bushing 1965: 458; Jenkins 1983, 1984b; Keen 1938: 16, 1958a: 48, 159–164; Kinzer, Ridgill, & Watts 1972: 795–798; Marsh 1979: 270; Muesebeck 1942: 94, 1950: 130, 1957: 54; Ruckes 1956: 184–185; Shea, P. J., Jenkins, & Haverty 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, & Haverty 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 1967t; Doane et al. 1936; Keen 1938: 16, 1958a: 48; Lucht 1966: 30; Pearson 1950: 155; Swaine 1918a: 92. (**ec**) 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 1967t; 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. (**ec**) Keen 1938:

16, 1958a: 48. (**hb**) Bright 1976d: 171; Bright & Stark 1973: 100; Chamberlin 1939: 336, 1958: 141–142; Doane et al. 1936; Keen 1938: 16, 1958a: 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, 1938: 16, 1958a: 48; Kleine 1934a: 162; Leng 1920: 340; Ruckes 1963. (**tx**) Chamberlin 1939: 336, 1958: 141–142; Hopkins 1915a: 432; Keen 1958: 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 1938: 16, 1958a: 48; Morris, E. V. & Monts 1973a: 15; Robinson, L. A. & Dooling 1978: 11; Ruppel 1967: 27; Schenk & Goyer 1967: 186–187; Silver & Ross 1957: 85; Swaine 1918a: 93. (**cc**) Keen 1938: 16, 1958a: 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 1938: 16, 1958a: 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, 1938: 16, 1958a: 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 Maniton, 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 1938: 16, 1958a: 48. (**cc**) Burks 1979: 781; Bushing 1965: 458; Keen 1938: 16, 1958a: 48. (**hb**) Bright & Stark 1973: 100; Chamberlin 1939: 337, 1958: 142; Keen 1938: 16, 1958a: 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, 1938: 16, 1958a: 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.

*lambertianae* Hopkins 1915a: 433. Holotype ♀; Hilt, California [USA]; USNM, Washington. Synonymy: Wood 1977c: 385.

References: (**ay**) Thomas, J. B. 1967. (**cn**) Anonymous 1955j: 3, 1958a: 10; Chamberlin 1924; Doane et al. 1936; Essig 1926: 519, 1958: 519; Fowells & Schubert 1956: 27; Hall 1955; Keen 1929: 54, 1958a: 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 1958a: 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, 1958a: 48; Lyons 1956: 600; Miller 1915: 1–12; Ruckes 1957: 367, 1958: 214, 1963: 48; Struble 1947b: 48; Thatcher, T. O. 1961. (**ds**) Anonymous 1958a: 10, 1962i, 1963v, 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, 1958a: 48; Kleine 1934a: 162; Leng 1920: 340; Ruckes 1963; Thatcher, T. O. 1961. (**tx**) Anonymous 1960j: 12; Blackman 1928b; 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, 1938: 16, 1958a: 48. (**cc**) Bushing 1965: 458; Keen 1938: 16; Muesebeck 1942: 94, 1950: 130; Odera 1971; Ruhm 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, 1958a: 48; Ruckes 1958: 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 resinosae*, 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, 1964h; 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, MacDonald, & 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. (**ec**) Anonymous 1956f: 108; Berryman 1987; Mattson 1968: 1–2, 1972b, 1980, 1986; Miller, W. E. 1978; Muesebeck 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 1958: 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: 8; Dodge 1938: 14, 41; Drooz 1985: 365; Kleine 1934a: 163; Leng 1920: 340; Leonard 1928: 518; 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 1988: 33; Thompson, M. J. & Houser 1975: 2. (**ec**) 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** 1980b: 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)** 1868: 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. (**ec**) 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; Eichhoff 1878b: 136; Hagedorn 1910a: 100; LeConte 1868: 157, 1876: 354–355; Schedl 1938a: 159; Swaine 1909: 134, 1918a: 104; Wood, S. L. 1958a: 48, 53, 1982b: 1148; Zimmerman 1868: 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 Guadalajara, 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. 1985a: 98. (**tx**) Wood, S. L. 1958a: 47, 50, 1982b: 1150.

***hondurensis* Wood** 1971: 49. Holotype ♀; Yuscaran, 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, Veracruz 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 & Equihua 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, 58, 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.

*immitus* Bright 1972c: 1674. Holotype ♀; 68 km W Durango, Durango, Mexico; CNCI, 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; CNCI, 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 & Equihua 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 Xavantina, 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.

***craceus* (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 Vigia, 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, 1968: 1045; Blackman 1928b: 8–16, 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)** 1928b: 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 1928b: 147–148 (*Pityophthorus edulis*, nomen nudum, synonymy), 1928b: 147–149 (*Pityophthorus nitidicollis*, nomen nudum, synonymy).
References: (**hb**) Chamberlin 1939: 345; Wood, S. L. 1982b: 1141. (**ds**) Chamberlin 1939: 345; Furniss, R. L. & Carolin 1977: 400; Keen 1929a: 34; Kleine 1934a: 163; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1141. (**tx**) Blackman 1928b: 147–148; Bright 1971b: 68; Chamberlin 1939: 345; Keen 1929a: 34; de Ruette 1970: 107; Schedl 1938a: 162; Wood, S. L. 1982b: 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. 1982b: 1142. (**tx**) Bright 1971b: 69–70; McNamara 1977: 198; Wood, S. L. 1982b: 1142.

## Genus *Gnatholeptus* Blackman

GNATHOLEPTUS BLACKMAN 1943b: 34. Type-species: *Gnatholeptus mandibularis* Blackman =*Pityophthorus shannoni* Blackman, original designation.
Keys: Wood 1982b: 1142.
Notes: (1) Bright 1981d: 16 (treated as a subgenus of *Pityophthorus*).
References: (**ds**) Wood, S. L. 1986a: 98. (**tx**) Blackman 1943b: 34; Bright 1981: 16; Wood, S. L. 1982b: 1142–1146, 1986a: 98.

***panamensis* Blackman** 1943b: 35. Holotype ♀; Barro Colorado Island, Canal Zone, Panama; USNM, Wasington.
Figures: Wood 1982b: 1144 (female head).
Distribution: North America (Costa Rica/ Panama), South America (Suriname).
Hosts: *Protium* sp.
References: (**ds**) Blackman 1943b: 35; Bright 1981d: 19; Wood, S. L. 1982b: 1145. (**tx**) Blackman 1943b: 35; Bright 1981d: 19; Wood, S. L. 1979b: 134, 1982b: 1145.

*epistomalis* Schedl 1961i: 224 (*Pityophthorus*). 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, 1982b: 145.

***semiermis* (Nunberg)** 1963c: 98 (*Pityophthorus*). Holotype ♂; Finca La Lola, Limon, Costa Rica; University of Wisconsin Collection, Madison.
Figures: Nunberg 1963c: 102, Wood 1982b: 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 1981d: 21; Estrada & Atkinson 1988: 212; Wood, S. L. 1982b: 1145. (**tx**) Bright 1977: 513, 1981d: 21; Nunberg 1963c: 98, 102; Wood, S. L. 1982b: 1145.

***shannoni* (Blackman)** 1942a: 224 (*Pityophthorus*). Holotype ♀; Cano Saddle at Gatun Lake, Panama; USNM, Washington.
Figures: Bright 1981d: 334, Wood 1982b: 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 1981d: 20; Wood, S. L. 1982b: 1144. (**tx**) Blackman 1942a: 224; Bright 1977: 513, 1981d: 20, 334; Schedl 1961i: 226; Wood, S. L. 1979b: 134, 1982b: 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, 1982b: 1144.

*gentilis* Schedl 1961i: 225 (*Pityophthorus*). 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, 1982b: 1144.

## Genus *Pityodendron* Schedl

PITYODENDRON SCHEDL 1953d: 93. Type-species: *Pityodendron madagascariensis* Schedl, monobasic.
References: (**hb**) Wood, S. L. 1986a: 98. (**ds**) Wood, S. L. 1986a: 98. (**tx**) Schedl 1953d: 93, 1964m: 307, 1977b: 106; Wood, S. L. 1986a: 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 *Sauroptilius* Browne

SAUROPTILIUS 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, Bemanpidy; 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: *Eschweilera* 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: *Eschweilera* 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. 1968b: 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.
*vianai* 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: 208; Gruenfeld et al. 1956: 92–93; McGinnies 1958: 47; Orr 1955: 4, 7; Rexrode & Krause 1968: 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 & Mutchler 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: 178; Bright 1976d: 176; Bright & Stark 1973: 101; Chamberlin 1939: 346–353; Dodge 1938: 19; Schedl 1938a: 158, 163, 168; Swaine 1918a: 93; Wood, S. L. 1961a: 48, 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 & Equihua 1988: 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. 1, 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 (redescribed).

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. (**ec**) 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 1888a: 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, 1918a: 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, Antioqua, 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 & Equihua 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: 228. Holotype ♂; Morgantown, West Virginia [USA]; USNM, Washington.
Distribution: North America (Pennsylvania, West Virginia in USA).
Hosts: *Fagus grandifolia*.
References: (**ec**) 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: (**ec**) 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 Ruette 1970: 113; Thomas, J. B. 1967; Wood, S. L. 1967d: 44–45, 1973c: 184, 1975b: 394.

***minutissimus* (Zimmermann)** 1868: 143 (*Cryptur-gus*). 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: 80; 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 1968: 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; Hubbard & 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: (**en**) 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.

***opacicollis* 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.

***pruinosus* (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 hondurensis*, *Q. hypoleucoides*, *Q. marylandica*, *Q. nigra*, *Q. sapotaefolia*, *Q.* spp.

Notes: (3) Blackman 1931a: 232 (redescribed).

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 1918a: 94. (**ec**) Burks 1979: 856; 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. 1986: 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 1918a: 94; Wood, S. L. 1982b: 979. (**ds**) Anonymous 1926c: 518; Atkinson & Equihua 1985c: 358; Atkinson et al. 1986: 42, 1991: 163; Baker, W. L. 1972: 256; Beal & Massey 1945: 122; Blackman 1922b: 99–100, 1950; 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, 1928b: 148, 1931a: 224–233; Blatchley & Leng 1916: 629; Bright 1976d: 178; Chamberlin 1939: 351; Drooz 1985: 363; Eichhoff 1878a: 390, 1878b: 198, 1896: 609–610; Hagedorn 1910a: 101; Schedl 1938a: 158; Swaine 1909: 137, 1918a: 93–94; Wood, S. L. 1973c: 185, 1982b: 979. (**ms**) Rexrode & Krause 1968a.

*tomentosus* Eichhoff 1878b: 201 (*Pityophthorus*).
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 1928b: 148, 1931: 224–233; Blatchley & Leng 1916: 630; Eichhoff 1878a: 390, 1878b: 201; Hagedorn 1910a: 101; Swaine 1909: 140.

*querciperda* Schwarz 1888a: 56 (*Pityophthorus*).
Syntypes, sex?; New York to Florida [USA]; USNM, Washington. Synonymy: Eichhoff 1896: 609.
References: (**cn**) Packard 1890: 93. (**ec**) Felt 1906: 702. (**hb**) Chittenden 1890; Felt 1906: 702; Packard 1890: 93; Pierce, W. D. 1907: 291; Schwarz 1888a: 56. (**ds**) Chittenden 1890; Henshaw 1887: 8, 1895: 44; Leng 1920: 341; Schwarz 1888a: 56; Smith, J. B. 1900: 362, 1910: 401; Swaine 1909: 137. (**tx**) Blackman 1931a: 224–231; Eichhoff 1896: 609–610; Schwarz 1888a: 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. garrayana*, *Q. kelloggii*.

Notes: (1) Swaine 1918a: 93 (to *Pseudopityophthorus*). (3) Blackman 1931a: 234 (redescribed).

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 1938: 132, 1952c: 169; Packard 1890: 93; Swaine 1918a: 93. (**ec**) Bushing 1965: 203; Keen 1938: 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 1938: 132, 1952c: 169; Packard 1890: 93; Pierce, W. D. 1907: 290; Swaine 1918a: 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, 1938: 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 1938a: 158; Swaine 1909: 137–138, 1918a: 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 & Equihua 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 & Equihua 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 ♂; 8 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.

***virilis* 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 & Equihua 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.

***yavapaii* 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* Ratzeburg, 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.

*Hagedornus* 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, 1968: 1040, 1045; Blackman 1928b: 3–16, 1942a: 178, 199; Bright 1977: 511, 1978: 167; Bright & Stark 1973: 96; Chamberlin 1939: 338–343, 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 sparsepilosus* Schedl, preoccupied by Kirby 1837. Synonymy: Wood 1975b: 391.
References: (**tx**) Schedl 1935h: 342; Wood, S. L. 1962: 76, 1975b: 391.

*Conophthocrannulus* Schedl 1935h: 343. Type-species: *Conophthocrannulus blackman* Schedl, monobasic. Synonymy: Wood 1982b: 963.
References: (**tx**) Schedl 1935h: 343, 1937h: 165, 1938a: 160–168, 1950i: 146, 1955e: 258; Wood, S. L. 1982b: 963.

*Breviophthorus* Schedl 1938a: 176. Type-species: *Breviophthorus brasiliensis* Schedl, monobasic. Synonymy: Wood 1984b: 227.
References: (**tx**) Schedl 1938a: 160, 166, 176–177, 1958f: 33–46, 1959m: 545–557; Wood, S. L. 1984b: 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 1963c: 390; Sawamoto 1942: 165–167; Schedl 1959r: 421.

*Neomips* Schedl 1954b: 37. Type-species: *Neomips brasiliensis* Schedl =*Pityophthorus dimorphus* Schedl, monobasic. Synonymy: Wood 1984b: 227.
References: (**tx**) Schedl 1954b: 37; Wood, S. L. 1984b: 227.

*Ctenyophthorus* Schedl 1955g: 26. Type-species: *Ctenyophthorus glabratulus* Schedl, monobasic. Synonymy: Bright 1977d: 511.
References: Bright 1977d: 511; Schedl 1955g: 26, 1963a: 162, 1964m: 311; Schwerdtfeger 1957: 494–508.

*Gnathophthorus* Wood 1962: 76. Type-species: *Gnathophorus sparsepilosus* Schedl, automatic. Synonymy: Wood 1975b: 391.
References: (**tx**) Wood, S. L. 1962: 76, 1975b: 391.

*Hypopityophthorus* Bright 1981d: 14. Type-species: *Pityophthorus inops* Wood, original designation. Synonymy: Wood 1983a: 648.
References: (**tx**) Bright 1981d: 14; Wood, S. L. 1983a: 648.

Keys: Blackman 1928b for Canada and USA, Bright 1981d and Wood 1982b: 991 for North and Central America, Blandford 1904: 235 for Mexico and Central America, Pfeffer 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-Tonnel 1975. (**bv**) Chow et al. 1988; 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 1928: 53–54; Kondo & Taylor 1985: 42; Parr 1943: 419; Schultz & Kliejunas 1981; Zivojinovic 1948: 65–73; Zolk 1935: 258–294. (**ec**) Ashraf & Barryman 1969: 13; Balazy & Michalski 1964a; McCain, Koehler, & Tjosvold 1987; Nickle 1976b; Tomalak, Welch, & Garroway 1989b. (**hb**) Bright 1981d; 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: 281–287; Munro 1946: 7–8, 43, 63; Rice 1968: 53–56; Schedl 1962j: 1, 1977b: 106; Scheidter 1934; Schwerdtfeger 1957: 494; Trappen 1935: 143; Wichmann 1927: 348, 362, 374; Wood, D. L. & Stark 1968: 147; Wood, S. L. 1982b: 991, 1986a: 98. (**ds**) Beeson 1941: 364, 366, 379; Bertolini 1872: 201; Blackwelder 1947: 781; Bright 1981d, 1982a: 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; Luigioni 1929: 1000; Martin 1965: 40–43; Pfeffer 1976: 324, 1989a: 62; Rio Mora 1985; 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 1888: 121; Schwarz 1885: 40; Swaine 1909: 82, 133–134; Tredl 1907: 14; Van Dyke 1922: 180; Westhoff 1882: 238; Wood, S. L. 1982b: 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 1888b: 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, 87, 1895b: 81, 84–86, 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, 1958: 146–148; Choo 1983: 75; Choo, Woo, & Nobuchi 1988b; Costa Lima 1929: 111–112; Dodge 1938: 15, 19, 42–43; Eggers 1914: 183, 1937: 80, 1940a: 123–141, 1940b: 99–108; Eichhoff 1864: 39, 1872b: 137, 1878b: 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: 138, 1910a: 88–89, 99–101, 1912: 354, 1913a: 29, 1913b: 253; Hopkins 1914: 127, 134, 1915c: 173–226; Hopping 1922: 128–134; Keen 1958: 98, 159–164; Krivolutskaya 1958: 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; Nunberg 1954: 6, 11, 68; Nusslin 1898: 281, 1911, 1912; Pfeffer 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, 1938a: 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, 1969e: 157, 1970e: 93, 1977b: 106, 1981b: 76; Schimitschek 1937: 50–55; Sedlaczek 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: 98.

***abbreviatus* Schedl** 1972g: 63. Holotype ♂?; Brasil, Jacareacanga, Para; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**tx**) Schedl 1972g: 63.

***abiegnus* 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 holophila*.
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; Krivolutskaya 1956: 838; Kurenzov 1948b: 102, 1950d: 228; Stark 1952: 357. (**ds**) Kleine 1934a: 158; Krivolutskaya 1956: 838; Pfeffer 1976: 340; Stark 1952: 357. (**tx**) Krivolutskaya 1956: 838; Kurenzov 1941a: 179, 234, 1948b: 102, 1956: 118; Michalski 1969a: 895; Nunberg 1956: 208; Pfeffer 1976: 340; Stark 1952: 357; Wood, S. L. 1989: 179.

*sibiricus* Nunberg 1956: 208. Lectotype, sex?; S Coast (Primorsky) Region, Voroshilovsk district; ISBN, Novosibirsk, designated by Michalsky 1969a: 895, automatic, preoccupied by Stark 1952.
References: (**ds**) Krivolutskaya 1983; Yanovskii & Tegshzhargal 1985: 410. (**tx**) Michalski 1969b: 569; Nunberg 1956: 208; Wood, S. L. 1989: 179.

***ablusus* Bright** 1985b: 476. Holotype ♀; Mexico: Pachuca, Edo. Hgo; CNCI, Ottawa.
Distribution: North America (Hidalgo in Mexico).
Hosts: *Zexmenia* sp.
References: (**tx**) Bright 1985b: 476.

***abnormalis* Bright** 1972d: 88. 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, 88, 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: 198.

***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 & Saucedo 1983: 117. (**ds**) Atkinson & Equihua 1985a: 94, 1988: 94; Atkinson et al. 1986: 36; Bright 1981d: 139; Burgos & Saucedo 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 menzeisii*.
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 (Mozambique/ 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: 85; Hopping 1960b: 258. (**hb**) Gast et al. 1989: 384. (**ds**) Baranyay & Stevenson 1966: 85; Bright

1976d: 180, 1981d: 132; Gast et al. 1989: 384; Hopping 1960b: 258; Kusch 1967; Wood, S. L. 1982b: 1054. (**tx**) Bright 1977: 516, 1981d: 132; Hopping 1960a: 865–867; 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, 1979c: 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: 48; Hagedorn 1910d: 70; Kleine 1913b: 140, 1914b: 362; Wood, S. L. 1982b: 1062. (**tx**) Blackman 1942a: 218; Blandford 1904: 237; Bright 1981d: 48; Hagedorn 1910a: 100; Schedl 1955g: 17; Wood, S. L. 1982b: 1062.

***amplus*** **(Blackman)** 1928b: 18 (*Myeloborus*). Holotype ♀; Kaibab N.F., 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 *Pityophthorus*).

References: (**en**) 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, 18; 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: (**en**) 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 Ruette 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. elliottii*, *P. engelmannii*, *P. lawsoni*, *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; Turnbow & Franklin 1980; Vite 1965: 267; Vite, Gara, & von Scheller 1964: 461–470; Vite & Pitman 1967: 683–701. (**en**) Blackman 1950; Packard 1890: 715; Swaine 1918a: 104. (**ec**) 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; Turnbow & 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 NMHW, 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: 781; 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; Gast 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 Ruette 1970: 108; Wood, S. L. 1977b: 209, 1982b: 1064.

*caelator* 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 Ruette 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*). Syntypes ♂♀; 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 1959r: 42.

***arcanus* Bright** 1976c: 429. Holotype ♀; Bear Canyon, Santa Catalina Mts., Santa Cruz Co., Arizona [USA]; CNCI, 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 montezuma*).

References: (**ds**) Atkinson & Equihua 1985a: 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 1938i: 28, 1951h: 285, 1958f: 35, 1979c: 25.

***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).
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 Ixmiquilpan), Edo. Hidalgo; CNCI, Ottawa.
Distribution: North America (Hidalgo in Mexico).
Hosts: *Flourencia 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 1977e: 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 Boania; Zavidovic, Hercegovina, Albania; Llgora; Pfeffer Collection in Prague Museum.
Distribution: Europe (Albania/ Bulgaria/ Yugoslavia).
Hosts: *Pinus heldreichi*, *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 banskiana*, *P. resinosa*, *P. strobus*.
References: (**cn**) Blackman 1950. (**cc**) Bushing 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.

*patchi* 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 Ruette 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 Ruette 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 chihuahuana*, *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, 4, 1928b: 117, 136; Bright 1976b: 183, 1981d: 318–319, 373; Chamberlin 1939: 399, 1958; Keen 1929a: 33; de Ruette 1970: 108; Wood, S. L. 1951a: 128, 1972a: 427, 1982b: 1109.

***biovalis* 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 (*Conophthocranulus*). Holotype ♀; Costa Rica, Turrialba, 800 m; Schedl Collection in NHMW, Wien.

Distribution: North America (Costa Rica).

Notes: (1) Wood 1986a: 98 (to *Pityophthorus*).

References: (**ds**) Blackwelder 1947: 781. (**tx**) Schedl 1935h: 344, 1938a: 162, 1979c: 42; Wood, S. L. 1982b: 963, 1986a: 98.

***blandulus* Schedl** 1955g: 19. Lectotype ♀; Guatemala, Las Trojades; Schedl Collection in NHMW, 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. rudis*.

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.

***blandus* 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 Ruette 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: *Borrichia 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. monticolae*, *P. ponderosa*.
Notes: (3) Blackman 1928b: 26 (redescribed).
References: (**cn**) 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 1978; Furniss, R. L. & Carolin 1977: 398; Gast et al. 1989: 385; 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 Ruette 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 Ruette 1970: 104; Wood, S. L. 1972a: 424.

*iniquus* Blackman 1928b: 27. Holotype ♀; Keystone, Wyoming [USA]; USNM, Washington. Synonymy: Bright 1976c: 426.
References: (**cn**) 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.

*siouxensis* 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.

***brasiliensis* (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: (**cn**) Blackman 1931c. (**ec**) Blackman 1931c. (**hb**) Blackman 1931c; Chamberlin 1939: 379. (**ds**) Atkinson & Equihua 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 Ruette 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 1985a: 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 1938; Kleine 1934a: 160; Knull 1932: 66; Leng & Mutchler 1933: 52; Proctor 1946: 208. (**tx**) Blackman 1928b: 86–87; Chamberlin 1939: 380; Dodge 1938: 43–45; McNamara 1984: 757; Wood, S. L. 1977d: 514.

***burserae* Wood** 1976a: 362. Holotype ♀; Atenquique, 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: 282. (**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 europea*.

References: (**bv**) Grune 1979: 121. (**cn**) Grandi 1951; Joly 1976. (**ec**) Kleine 1908c: 213; Pfeffer 1960: 346. (**hb**) Chararas 1982c: 363; Grandi 1951; Joly 1976; Pfeffer 1941b: 3; Spessivtsev 1921b: 221. (**ds**) Andras & Schaefer 1957; Barthe 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 1947e: 17, 1960: 346, 1976: 340, 1984: 227, 1989a: 65; Pittioni 1943: 176; Postner 1974: 437; Sainte-Claire 1905: 157; Sainte-Claire & Mequignon 1938: 447; Tredl 1907: 14. (**tx**) Balachowsky 1949a: 238; Chararas 1962c: 360; Eggers 1914: 189, 1915b: 13–14, 1923a: 218, 1933i: 7; Grune 1979: 121; Hagedorn 1910a: 100; Joly 1976; Peyerimhoff 1930: 259; Pfeffer 1927: 111–112, 1940b: 109, 113, 121, 1941b: 3, 1947e: 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: 238.

References: (**hb**) Spessivtsev 1921b: 221. (**ds**) Karpinski 1931: 30; Kleine 1913b: 141; Sainte-Claire & Mequignon 1938: 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.

*angeri* 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 1938: 447. (**tx**) Balachowsky 1949a: 239; Pfeffer 1927: 111, 1940b: 109; Schedl 1934f: 1643.

***cacuminatus* Blandford** 1904: 238. 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 1985c: 360; Atkinson et al. 1986: 37. (**ds**) Atkinson & Equihua 1985c: 360, 1988: 94; Atkinson et al. 1986: 37; Blackwelder 1947: 781; Bright 1981d: 304; Hagedorn 1910d: 70; Kleine 1913b, 1914b: 362; Wood, S. L. 1982b: 1101. (**tx**) Blackman 1942a: 218; Blandford 1904: 238; Bright 1976b: 184, 1981d: 304; Hagedorn 1910a: 100; Schedl 1938a: 183, 1955g: 17; Wood, S. L. 1982b: 1101.

***californicus* Bright** 1976c: 427. Holotype ♀; Bonnie Doone, Santa Cruz Co., California [USA]; USNM, Washington, automatic.

Distribution: North America (California).

Hosts: *Pinus attenuata*, *P. radiata*.

References: (**ds**) Bright 1981d: 249; Wood, S. L.

1982b: 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** 1978: 73. Holotype ♀; Sevey, New York [USA]; CNCI, Ottawa.

Notes: (1) Bright 1978: 73 (subspecies established).

References: (**ds**) Bright 1981d: 179; Furniss, M. M. 1978; Wood, S. L. 1982b: 1077. (**tx**) Bright 1978: 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 (redescribed).

References: (**cn**) Blackman 1950; Browne 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. (**ec**) Bushing 1965: 464; Felt 1906: 674; Frederick, Sloan, & Skowron 1976; Hopkins 1901b: 8; Pierce, W. D. 1908: 387; Thomas & Lindquist 1956: 2. (**hb**) Baker, W. L. 1972: 255; Blackman 1950; Browne 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; Browne 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 Bellvue, 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 Ruette 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 Ruette 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: 678, 1977: 514, 1981d: 228; Chamberlin 1939: 375; Evans, D. 1983: 35; LeConte 1874a: 70; de Ruette 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. (**cc**) 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. (**cc**) 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 Ruette 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 Ruette 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. (**cc**) Nosek 1959b: 87; Pfeffer 1960: 346; Wichmann 1916: 23. (**hb**) Nosek 1959b: 87; Spessivtsev 1921b: 221, 1923: 208; Wichmann 1916: 23. (**ds**) Bovey 1976; Grune 1979: 119; Holzschuh 1966: 61; Horion 1951; Karpinski 1931: 30; Kleine 1913a: 35, 1934a: 159; Lucht 1987: 278; Pfeffer 1960: 346, 1976: 340, 1984: 277, 1989a: 65; Postner 1974: 436; Schedl 1980a: 22, 1981b: 78. (**tx**) Balachowsky 1949a: 238; Eggers 1915b; Grune 1979: 118–119; Lucht 1987: 278; Pfeffer 1927: 111–112, 1940b: 109, 113, 123, 1955a: 220, 1976: 340; Postner 1974: 436; Reitter 1913a: 94; Schedl 1934f: 1643, 1980a: 22, 1981b: 78; 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: 378; Kleine 1934a: 161; Leng & Mutchler 1933: 95. (**tx**) Bright 1977: 515; Chamberlin 1939: 378; de Ruette 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: 187; Wood, S. L. 1982b: 1075. (**tx**) Bright 1978: 74, 1981d: 187; 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 & Ratajczak 1989. (**hb**) Karpinski 1955: 80. (**ds**) Atkinson et al. 1986: 38; Grune 1979: 119; Karpinski 1955: 80; Nunberg 1954: 71, 1956c: 163, 168; Pfeffer 1940b: 119, 1947: 129, 1976: 340; Postner 1974: 437. (**tx**) Grune 1979: 119; Nunberg 1954: 71; Pfeffer 1940b: 108, 119, 1955a: 218, 1976: 340; Postner 1974: 437.
*polonicus* Karpinski 1949: 125. Syntypes, sex?; mountain forests of National Park in Pieniny (Carpathian Mts.); Karpinski Collection. Synonymy: Nunberg 1956c: 163.
References: (**ec**) Boucek 1955: 83–92; Graham 1969: 878; Nuorteva 1957b: 69. (**hb**) Karpinski 1955: 77. (**ds**) Horion 1951; Karpinski 1949: 125, 1955: 77. (**tx**) Karpinski 1949: 125; Nunberg 1956c: 161, 163, 168.

***chalcoensis* 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 *chalcoensis* and the type locality as "Chaleo," but the label on the holotype clearly reads "Chalco." The error in spelling is an obvious lapsus calami that was corrected in Wood 1982b: 1099.
References: (**ds**) Atkinson & Equihua 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.
*herrarai* 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 & Equihua 1985c: 360. (**ds**) Atkinson & Equihua 1985c: 360, 1988: 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. (**ec**) 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 Ruette 1970: 108; Wood, S. L. 1982b: 1108.

***clirus* 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 Ruette 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: 186, 1981d: 185; Chamberlin 1939: 380; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1075. (**tx**) Blackman 1928b: 85; 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** 1878b: 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: *Metopium toxiferum*.

References: (**cn**) Swaine 1918a: 95, 104. (**cc**) Schwarz 1889a: 163. (**hb**) Chamberlin 1939: 361; Swaine 1918a: 95, 104. (**ds**) Beutenmuller 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 Ruette 1970: 110; Swaine 1917: 27, 1918a: 95, 104; Wood, S. L. 1957c: 401, 1982b: 1114.

***concinnus* Wood** 1977b: 214. Holotype ♀; in wood from Plaquepaque, 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 1928b: 122 (redescribed). Bright 1981d: 307 (subspecies *agnatus* recognized, validity?).

References: (**bv**) Jacobson 1972; Miller & Keen 1960: 115; Schmitz 1988; 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. (**ec**) Amman, A. G., Amman, & Amman 1974; Chatelain & Schenk 1983; Dahlsten & Stephen 1974: 1213; Deyrup & Gara 1978: 275; Miller & Keen 1960: 115; Rice 1968; Salman 1938a: 613; Schmitz 1988. (**hb**) Amman, A. G., Amman, & Amman 1974; Bright & Stark 1973: 115; Chamberlin 1939: 395, 1958; Evans, D. 1982: 8; Keen 1929: 53; Lindgren 1980a: 68; Miller & Keen 1960: 115; Schmitz 1988; 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, 1958; 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: 78; Schuder 1969: 78; Wood, S. L. 1948: 53, 1951a: 128, 1972a: 427, 1982b: 1107. (**tx**) Blackman 1928b: 115, 122–123; Bright 1966b: 304, 1967b: 678, 1981d: 305–306, 372; Chamberlin 1939: 395, 1958; Evans, D. 1982: 8, 31, 1983: 35; Hoebeke 1978; Keen 1929a: 33; de Ruette 1970: 109; Swaine 1917: 27, 1918a: 98, 103; Wood, S. L. 1951a: 128, 1972a: 427, 1977d: 514, 1982b: 1107.

*agnatus* Blackman 1928b: 125. Holotype ♀; Cloudcroft, New Mexico [USA]; USNM, Washington. Synonymy: Wood 1977d: 514.

Notes: (1) Bright 1981d: 305 (treated as a sub-

species, validity doubtful). Wood 1982b: 1107 (this name was based on a minor clinal variation with no taxonomic value).
References: (**hb**) Chamberlin 1939: 396. (**ds**) Bright 1981d: 305; Chamberlin 1939: 396; Keen 1929a: 33; Kleine 1934a: 158; Leng & Mutchler 1933: 52. (**tx**) Blackman 1928b: 115, 125–127; Bright 1981d: 305; Chamberlin 1939: 396; Keen 1929a: 33; de Ruette 1970: 107; Wood, S. L. 1977d: 514.

*comptus* Blackman 1928b: 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 1928b: 127; Chamberlin 1939: 396; Keen 1929a: 33; de Ruette 1970: 109; Wood, S. L. 1977d: 514.

*burkei* Blackman 1928b: 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 1928b: 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, 1981d: 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 albicaulis*, *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 1981d: 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 1988: 94; Bright 1976d: 181, 1981d: 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: 284, 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 1928b: 60, 67; Bright 1976b: 185, 1976d: 204, 213, 1981d: 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** 1985c: 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 1985c: 176, 179. (**tx**) Bright 1985c: 176, 179.

***confusus* Blandford** 1904: 237. Lectotype ♀; San Geronimo, Guatemala; BMNH, London, designated by Bright 1976b: 184.
Figures: Bright 1981d: 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 echinata*, *P. elliotti*, *P. michoacana*, *P. ochoterenai*, *P. oocarpa*, *P. palustris*, *P. taeda*.
Notes: (3) Bright 1981d: 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 1987a: 66; Schwerdtfeger 1957c: 494. (**ds**) Atkinson & Equihua 1985c: 360, 1988: 96; Becker 1953; Blackwelder 1947: 781; Bright 1981d: 291; Deyrup & Atkinson 1987a: 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, 1981d: 291; Hagedorn 1910a: 100; Hopkins 1905b: 74; de Ruette 1970: 104; Schedl 1938a: 183, 1955g: 18–19; Wood, S. L. 1977d: 515, 1982b: 1100.

*bellus* Blackman 1928b: 123. Holotype ♀; Monongalia Co., West Virginia [USA]; USNM, Washington. Synonymy: Wood 1977d: 515.
Notes: (3) Bright 1981: 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 Ruette 1970: 108; Wood, S. L. 1977d: 515.

***congonus*** **Eggers** 1927a: 185. Syntypes, sex?; Belg. Congo; MRCB, Terveuren and Eggers Collection, 1 Eggers syntype in NHMW, Wien.
Distribution: Africa (Zaire).
Hosts: *Afzelia africanus*, *Albizzia gummifera*, *Pentaclethra cetveldeana*.
References: (**cn**) Chesquiere 1933a. (**hb**) Schedl 1962j: 6. (**ds**) Chesquiere 1933a: 33–35, 1933b: 783; Kleine 1934a: 159; Schedl 1962j: 6. (**tx**) Eggers 1927a: 185; Schedl 1938a: 183, 1962j: 5, 7, 1965f: 10, 1979c: 63.

***conscriptus*** **Bright** 1986b: 680. Holotype ♀; Mexico: La Herradura, Mpio, Tepoztlan, 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 1988: 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; Deyrup 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 1988: 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 1988: 84; Thomas, J. B. 1957: 4; Titus, Meikle, & Harrison 1985: 105; Wood, S. L. 1977d: 515, 1982b: 1104.

*grammatus* Swaine 1917: 28. Lectotype ♂; presumably Manitoba, Quebec, or Nova Scotia [Canada]; CNCI, Ottawa, designated by Bright 1967b: 678. Synonymy: Blackman 1928b: 132.
References: (**cn**) Barker 1949: 82; 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 Ruette 1970: 109; Swaine 1917: 28, 1918a: 98, 103.

*nudus* 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 Ruette 1970: 110; Swaine 1917: 28, 30, 1918a: 98, 103–106; Wood, S. L. 1977d: 515.

***conspectus*** **Wood** 1976c: 360. Holotype ♀; Volcan Irazu, Cartago, Costa Rica, 2300 m; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: *Quercus* sp.
References: (**ds**) Bright 1981d: 105; Wood, S. L.

1982b: 1083. (**tx**) Bright 1981d: 105; Wood, S. L. 1976c: 360, 1982b: 1083.

***coronarius* Blackman** 1942a: 220. Holotype ♀; Jalisco, Mexico; USNM, Washington.
Figures: Bright 1981d: 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 1981d: 33, 1985a: 472; Burgos & Saucedo 1983: 122; Wood, S. L. 1942a: 220, 1982b: 1115. (**tx**) Blackman 1942a: 220; Bright 1981d: 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 1981d: 68, 1986a: 645, 1986b: 682. (**tx**) Bright 1981d: 68; McNamara 1984: 754; Wood, S. L. 1976c: 363, 1982b: 1133.

***cortezi* Bright** 1977: 523. Holotype ♀; Ixtaccihuatl-Popocatepetl National Park, Mexico-Puebla border, Mexico; CNCI, Ottawa.
Figures: Bright 1981d: 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 1981d: 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 ♀; 16 km W Tizapan, Jalisco, Mexico; Wood Collection.
Distribution: North America (Jalisco).
Hosts: *Thevetia* sp.
References: (**ec**) Equihua & Atkinson 1986: 634. (**hb**) Atkinson et al. 1986: 70; Equihua & Atkinson 1986: 634. (**ds**) Atkinson et al. 1986: 70; Bright 1981d: 74, 1985b: 482; Equihua & Atkinson 1986: 634; Wood, S. L. 1982b: 1121. (**tx**) Bright 1981d: 74, 1985b: 482; Wood, S. L. 1976c: 352, 1982b: 1121.

***costalimai* 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 Niltepec, Oaxaca, Mexico; Wood Collection.
Distribution: North America (Jalisco, Oaxaca in Mexico).
Hosts: *Thevetia* sp.
References: (**ec**) 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 1981d: 73, 1985b: 482; Burgos & Saucedo 1983: 122; Equihua & Atkinson 1986: 634; Wood, S. L. 1982b: 1120. (**tx**) Bright 1981d: 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 1981d: 47; Wood, S. L. 1982b: 1025. (**tx**) Bright 1981d: 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.

***craceutis* Bright** 1985b: 477. Holotype ♀; Mexico: Carr. Xochicalco-Cuentepec, Km 6, Temixo, 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 1981d: 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. hartweggii*, *P. leiophylla*, *P. lumholtzii*, *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 1981c: 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 1981d: 275, 368; Chamberlin 1939: 376; Keen 1929a: 32; Rio Mora 1985: 11; de Ruette 1970: 109; Wood, S. L. 1982b: 1081.

***crinalis*** **Blackman** 1928b: 41. Holotype ♀; Washington, D.C. [USA]; USNM, Washington.
Figures: Bright 1981d: 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: (**bv**) Turnbow & Franklin 1980. (**hb**) Baker, W. L. 1972: 255; Beal & Massey 1945: 128; Chamberlin 1939: 362; Deyrup & Atkinson 1987a: 66. (**ds**) Beal & Massey 1945: 128; Bright 1981d: 66; Chamberlin 1939: 362; Deyrup 1981b: 8; Deyrup & Atkinson 1987a: 66; Drooz 1985: 363; Favinger & Wade 1973; Kleine 1934a: 159; Leng & Mutchler 1933: 52; Turnbow & Franklin 1980; Wood, S. L. 1982b: 1134. (**tx**) Beal & Massey 1945: 128; Blackman 1928b: 41; Bright 1981d: 66, 338; Chamberlin 1939: 362; McNamara 1984: 755; Weber, B. C., & McPherson 1991: 54; Wood, S. L. 1982b: 1134.

***cristatus*** **Wood** 1964: 68. Holotype ♀; 14 km N Perote, Veracruz, Mexico; Wood Collection.
Figures: Bright 1981d: 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 & Equihua 1985c: 359; Atkinson et al. 1986: 37; Burgos & Saucedo 1983: 118. (**ds**) Atkinson & Equihua 1985c: 359, 1988: 96; Atkinson et al. 1986: 37; Bright 1971b: 68, 1981d: 114; Burgos & Saucedo 1983: 118; Rio Mora 1985: 13; Thomas, J. B. 1966; Wood, S. L. 1982b: 1067. (**tx**) Bright 1981d: 114, 118, 343; Rio Mora 1985: 13; Wood, S. L. 1964: 68, 1982b: 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.

***culminicolae*** **Bright** 1977: 524. Holotype ♀; Cerro Potosi, Nuevo Leon, Mexico; CNCI, Ottawa.
Figures: Bright 1981d: 359.
Distribution: North America (Nuevo Leon in Mexico).
Hosts: *Pinus culminicola*.
References: (**ds**) Bright 1981d: 215; Wood, S. L. 1982b: 1036. (**tx**) Bright 1977: 524, 1981d: 215, 359; McNamara 1984: 755; Wood, S. L. 1982b: 1036.

***cuspidatus*** **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 & Equihua 1985c: 98, 1988: 96; Blackwelder 1947: 781; Bright 1981d: 324. (**tx**) Blackman 1942a: 217; Bright 1981d: 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 1981d: 15; Wood, S. L. 1982b: 1122. (**tx**) Bright 1981d: 15; McNamara 1984: 755; Wood, S. L. 1976a: 354, 1982b: 1122.

***declivisetosus*** **Bright** 1977: 525. Holotype ♀; 51 km SE Nochixtlan, Oaxaca, Mexico; CNCI, Ottawa.
Distribution: North America (Oaxaca in Mexico).
Hosts: *Pinus pringlei*, *P.* sp.
References: (**ds**) Bright 1981d: 251; Wood, S. L. 1982b: 1062. (**tx**) Bright 1977: 525, 1981d: 251; McNamara 1984: 755; Wood, S. L. 1982b: 1062.

***degener*** **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 1981d: 96; Wood, S. L. 1982b: 1029. (**tx**) Bright 1981d: 96; Wood, S. L. 1975b: 397, 1982b: 1029.

***deleoni*** **(Blackman)** 1942a: 201 (*Myeloborus*). 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 1981d: 202; Bright & Stark 1973: 109. (**ds**) Blackwelder 1947: 781; Bright 1981d: 202; Bright & Stark 1973: 109; Wood, S. L. 1982b: 1044. (**tx**) Blackman 1942a: 201; Bright 1976c: 427, 1981d: 202; Wood, S. L. 1982b: 1044.

***deletus*** **LeConte** 1879: 519. Lectotype, sex?; Veta Pass, Colorado [USA]; MCZ, Cambridge, designated by Bright 1976b: 185.
Figures: Bright 1981d: 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 1928b: 43 (redescribed).
References: (**cn**) Swaine 1918a: 104. (**hb**) Cham-

berlin 1939: 364; Furniss, M. M. & Johnson 1987: 377; Swaine 1918a: 104. (**ds**) Atkinson & Equihua 1988: 96; Bright 1981d: 110, 1986b: 682; Chamberlin 1939: 364; Furniss, M. M. & Johnson 1987: 377; Hagedorn 1910d: 71; Henshaw 1882: 268, 1885: 147; Keen 1929a: 32; Kleine 1913b: 140, 1934a: 159; Leng 1920: 341; Swaine 1909: 135; Wickham 1896a: 309; Wood, S. L. 1982b: 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, 1918a: 104; Wood, S. L. 1977c: 387, 1982b: 1040.

*inquietus* Blackman 1928b: 46. Holotype ♀; Las Vegas H.S. [Hot Springs], New Mexico [USA]; USNM, Washington. Synonymy: Wood 1977c: 387.

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 Ruette 1970: 109; Wood, S. L. 1951a: 128, 1972a: 425, 1977c: 387.

*monophyllae* Blackman 1928b: 47. Holotype ♀; Argus Mts., California [USA]; USNM, Washington. Synonymy: Wood 1977c: 387.

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: 387.

*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 1984: 758.

*piceus* 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: 387.

References: (**hb**) Bright & Stark 1973: 106. (**ds**) Bright & Stark 1973: 106. (**tx**) Bright 1966b: 303; de Ruette 1970: 110; Wood, S. L. 1977c: 387.

*brucki* Bright 1971b: 63. Holotype ♂; Mt. Hawkins, San Bernardino Co., California [USA]; OSUC, Columbus. Synonymy: Wood 1977c: 388.

References: (**hb**) Bright & Stark 1973: 106. (**ds**) Bright & Stark 1973: 106. (**tx**) Bright 1971b: 63–64; Wood, S. L. 1977c: 387–388.

***delicatus* Wood** 1978b: 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 & Equihua 1988: 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; Nunberg 1956: 208; Schedl 1952d: 347, 1957e: 878, 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 Ruette 1970: 109; Wood, S. L. 1982b: 1072.

***deodara* (Stebbing)** 1903: 274 (*Cryphalus*). Syntypes ♀; India: N.W. Himalayas, Bashahr Div., Kotgarh, Nagkela Forest, Jaunsar Div., Konain; 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. (**ec**) 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. (**ec**) 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. (**ec**) 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**) Allnaud 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]; MCZ, 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 (redescribed).

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: 385; 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: 398, 1982b: 1032.

*idonens* 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, 1958: 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, 1958: 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: (**ec**) 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, 1958: 150. (**ds**) Anonymous 1967f; Chamberlin 1939: 369, 1958: 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, 1958: 150; Hoebeke 1978; Keen 1929a: 32; de Ruette 1970: 110; Schedl 1930: 195; Wood, S. L. 1967d: 39.

*aplanatus* Schedl 1930: 195. Holotype ♀; Athabasca Falls, Alberta [Canada]; CNCI, Ottawa. Synonymy: Wood 1978b: 398.

Notes: (3) Bright 1981d: 212 (a good species). Wood 1982b: 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 Ruette 1970: 108; Schedl 1930: 195; Wood, S. L. 1978: 398.

***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: 683; 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 1938a: 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 Biologia, 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 Plannmann 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. oocholerenai*.
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: *Dichaetanthere 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 lawsoni*, *P. leiophylla*, *P. michoacana*, *P. pringlei*, *P. strobiformis*, *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 1985: 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 1985: 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** 1938a: 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 1938a: 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 1988: 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** 1938a: 184. Holotype ♀; Kongo [Lekimi, Schedl 1962j: 9]; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).

References: (**tx**) Schedl 1938a: 184, 1962j: 9, 1979c: 94.

***explicitus* Wood** 1975b: 399. Holotype ♂; 9 km NE Teziutlan, Puebla, Mexico, 1600 m; Wood Collection.
Distribution: North America (Puebla in Mexico).
Hosts: Liana.
References: (**ds**) Bright 1981d: 98; Wood, S. L. 1982b: 1031. (**tx**) Bright 1981d: 98; McNamara 1984: 755; Wood, S. L. 1975b: 399, 1982b: 1031.

***exquisitus* (Blackman)** 1942a: 196 (*Neodryocoetes*). 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* (Ratzeburg)** 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; Zumr 1985b. (**hb**) Chararas 1977b; Charvat 1950; Eckstein 1926: 579; Escherich 1923b: 483, 555, 602; Fuchs 1904a: Gabler 1955; Gyorfi 1957; Joly 1976; Judeich & Nitsche 1895: 526; Karpinski & Strawinski 1948: 156; Lengerken 1939: 65, 1954: 85; Lindemann 1881a: 236; Nusslin 1913: 205, 1927: 322; Pfeffer 1941a: 11, 1989a: 63; Postner 1974: 433; Ratzeburg 1837: 162, 1839: 197; Rhumbler 1922: 308, 1927: 322; Schimitschek 1955a: 59; Schwerdtfeger 1944a: 181, 1957a: 186, 1981: 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 & Schaefer 1957; Buresh & Lazarov 1956; Calwer 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; Numberg 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; Ratzeburg 1837: 162, 1839: 197; Reitter 1894a: 76, 1916: 298; Roubal 1941: 269; Sainte-Claire & Mequignon 1938: 448; Schaufuss 1915: 1242; Schaum 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; Formanek 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; Kuhnt 1913: 1056; Letzner 1891: 376; Lindemann 1881a: 236; Lucht 1987: 278; Meixner 1937: 1214; Numberg 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; Ratzeburg 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: *Khaya senegalensis*.
References: (**en**) 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 Ruette 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.

***franseriae* 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: *Franseria* 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'Ambre; 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: 683; 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: (**en**) Lindgren 1980a: 68. (**hb**) Lindgren 1980a: 68. (**ds**) Bright 1976d: 182, 1981d: 211; Chamberlin 1939: 358; Gast 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: (**en**) 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 Ruette 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: *Rheedia edulis*.
References: (**ds**) Bright 1981d: 75; Wood, S. L. 1982b: 1125. (**tx**) Bright 1981d: 75; Wood, S. L. 1976a: 355, 1982b: 1125.

***germanus* 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.

***glabratulus* (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. ochoternae*, *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/ Luxemburg/ Poland/ Spain/ S Sweden/ Switzerland/ W USSR).
Hosts: *Pinus mugo rotundata*, *P. nigra*, *P. sylvestris*, *P. uncinata*, rare in *Larix europea*.
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; Wachtl 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, 1928b: 8, 1943b: 181, 1960: 346; Roubal 1934a: 86; Ruhm 1956b: 4; Schimitschek 1955a: 29; Schwerdtfeger 1944a: 177, 1957a: 183; Sedlaczek 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; Kemner 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; Sedlaczek 1935a: 163; Seitner & Notzl 1925: 188; Shatilov 1985; Spessivtsev 1913a: 88, 1921b: 220, 1923: 209; Stark 1926a: 336, 1952: 354; Tschorbadjiev 1929: 170; Wachtl 1901: 377, 381; Weber, H. 1926: 579; Wichmann 1927b: 361. (**ds**) Ammann & Knabl 1913, 1923; Barthe 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 1968; Karpinski 1931: 30, 1932a: 95, 1948a: 173, 1948b: 231; Karpinski & Strawinski 1948: 156; Kemner 1919: 175; Kersten 1933: 76; Kiefer et al. 1942: 528; Klefbeck & Sjoberg 1960: 230; Kleine 1912a: 268, 1913a: 35, 1913b: 140, 1934a: 159; Kozikowsky 1921: 181; Kurir 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; Mirzoian 1950: 139; Morivee 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, 1947e: 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: 187. (**tx**) Balachowsky 1949a: 237; Barbey 1901: 23, 76; Charvat 1950; Dombrowsky 1887, 1891; Eggers 1915b: 13–14, 1920: 125–126; Eichhoff 1878b: 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; Iablokoff-Khnzorian 1961: 105; Joly 1976; Judeich & Nitsche 1895: 526; Karpinski & Strawinski 1948: 156; Koch 1913: 126, 1932: 121; Kuhnt 1913: 1056; Lucht 1987: 278; Michalski 1969b: 569; Murayama 1940a: 232; Nunberg 1929c: 122, 1938: 126; Peyerimhoff 1930: 258–259; Pfeffer 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, 1938a: 164, 1952f: 87, 1980a: 22, 1981b: 78; Schimitschek 1937c: 55, 1955c: 87; 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, Tinnevelly (Tirunelveli); 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. (**ec**) 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 (*Breriophthorus*). 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 francaise, 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: 118.
Distribution: Europe (Austria/ Czechoslovakia/ Germany/ Greece/ Hungary/ Italy/ Poland/ Romania/ W USSR/ Yugoslavia).
Hosts: *Pinus cembrae montana*, *P. heldreichi*, *P. mugo*).
Notes: (1) Schedl 1979c: 116 (citation of holotype invalid).
References: (**bv**) Grune 1979: 119; Hellrigl 1985. (**cn**) Schimitschek 1938b: 114, 1955a: 42; Schwerdtfeger 1944a: 177, 1957a: 183; Wachtl 1901: 381; Wichmann 1927b: 378. (**ec**) Hellrigl 1985; Heqvist 1955a: 96; Jahn & Sinreich 1960b; Kleine 1908c: 213; Pfeffer 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; Nunberg 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**) Ammann & Knabl 1923; 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; Kurir 1947c: 9; Lucht 1987: 278; Nunberg 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: 78; 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; Fauvel 1887, 1889; Fleischer 1927; Grune 1979: 118–119; Hagedorn 1910a: 101; Hellrigl 1985; Henschel 1895a: 172; Karpinski & Strawinski 1948: 156; Lucht 1987: 278; Nunberg 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: 78; 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 ♀; Yuscaran, Paraiso, Honduras; Wood Collection.
Distribution: North America (Honduras).
Hosts: *Eupatorium dalioides*, *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 ♂; Portugieisch 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* Nunberg** 1967b: 322. Holotype ♀; Tshuapa, Ikela [Congo]; MRCB, Tervuren.
Figures: Nunberg 1967a: 337.
Distribution: Africa (Zaire).
References: (**tx**) Nunberg 1967a: 337, 1967b: 322.

***imitans* (Eggers)** 1920: 34 (*Trigonogenius*). 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; Nunberg 1969a: 396; Schedl 1952d: 347, 1979c: 121.

***immanis* Blackman** 1928b: 98. Holotype ♀; Chiricahua Mts., Arizona [USA]; USNM, Washington.
Distribution: North America (Chihuahua 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.

***indigens* 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.

*indigens* 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 *indigens* 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: 387. (**ds**) Atkinson & Equihua 1985c: 360, 1988: 98; Bright 1981d: 160; Chamberlin 1939: 387; 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: 387; 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: 387. (**ds**) Chamberlin 1939: 387; Keen 1929a: 33; Kleine 1934a: 160; Leng & Mutchler 1933: 52. (**tx**) Blackman 1928b: 104; Bright 1977: 514; Chamberlin 1939: 387; 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: 387. (**ds**) Chamberlin 1939: 387; Leng & Mutchler 1933: 52. (**tx**) Blackman 1928b: 105, 1942a: 215–216; Bright 1977: 515; Chamberlin 1939: 387; 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** 1985b: 479. Holotype ♀; Mexico: Huitzilac, Morelos; CNCI, Ottawa.
Distribution: North America (Morelos in Mexico).
Hosts: Compositae sp.
References: (**tx**) Bright 1985b: 479.

***intentus* Bright** 1978: 77. Holotype ♀; Bear Canyon, Santa Catalina Mts., Arizona [USA]; CNCI, Ottawa.
Figures: Bright 1981d: 369.
Distribution: North America (Durango in Mexico/ Arizona in USA).
Hosts: *Pinus engelmannii*, *P. leiophylla*, *P. ponderosa*, *P. strobiformis*, *Pseudotsuga menziesii*.
References: (**ds**) Bright 1981d: 286; Wood, S. L. 1982b: 1105. (**tx**) Bright 1978: 77, 1981d: 286, 369; McNamara 1984: 756; Wood, S. L. 1982b: 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 1928b: 101 (redescribed). Bright 1981d: 147 (treated *ornatus* Blackman as a synonym).
References: (**cn**) Doane et al. 1936; Swaine 1918a: 97, 102. (**hb**) Chamberlin 1939: 386, 1958: 153–154; Doane et al. 1936; Swaine 1918a: 97, 102. (**ds**) Bright 1976d: 182, 1981d: 147; Chamberlin 1925, 1939: 386, 1958: 153–154; Drooz 1985: 364; Hopping 1922; Kleine 1934a: 160; Leng 1920: 341; Wood, S. L. 1972a: 426, 1982b: 1089. (**tx**) Blackman 1928b: 90, 101; Bright 1967b: 678, 1977: 515, 1981d: 147, 349; Chamberlin 1939: 386, 1958: 153–154; Hoebeke 1978; Pardy 1983; de Ruette 1970: 109; Swaine 1917: 29–30, 1918a: 97, 102; Wood, S. L. 1972a: 426, 1977b: 209, 1982b: 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: 188; Chamberlin 1925, 1939: 386; Kleine 1934a: 161; Leng & Mutchler 1927: 52; Leonard 1928: 519. (**tx**) Blackman 1922c: 124–125, 1928b: 90, 100–101; Bright 1977: 515; Chamberlin 1939: 386.

*tonsus* Blackman 1928b: 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: 188; Chamberlin 1939: 386; Kleine 1934a: 161; Leng & Mutchler 1933: 52. (**tx**) Blackman 1928b: 101; Bright 1977: 515; Chamberlin 1939: 386; de Ruette 1970: 111.

***irregularis* Eggers** 1931b: 31. Holotype ♀; Brasilien (Sao Paulo); Eggers Collection, in NHMW, Wien.
Distribution: South America (Brazil).
References: (**ds**) Blackwelder 1947: 782; Eggers 1931b: 31; Schedl 1972g: 44, 1979c: 128.

***jeffreyi* Blackman** 1928b: 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: 389. (**ds**) Bright 1981d: 71; Bright & Stark 1973: 114; Chamberlin 1939: 389; Keen 1929a: 33; Kleine 1934a: 160; Leng & Mutchler 1933: 52. (**tx**) Blackman 1928b: 91, 113–114; Bright 1981d: 71; Chamberlin 1939: 389; Keen 1929a: 33; de Ruette 1970: 110; Schedl 1939h: 167; Wood, S. L. 1982b: 1116.

***joveri* Schedl** 1954d: 881. Lectotype ♀; Cote d'Ivoire, Adiopodoume; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 130.
Figures: Schedl 1962j: 11.
Distribution: Africa (Equatorial Guinea/ Gabon/ Ghana/ Ivory Coast/ Zaire).
Hosts: *Fagara macrophylla*, *Phialodiscus bancoensis*.
References: (**cc**) Schedl 1958d: 190, 1962k: 10. (**hb**) Schedl 1958d: 191, 1962j: 10. (**ds**) Schedl 1962h: 59, 1962j: 10, 1966c: 225, 1971g: 191, 1972e: 282. (**tx**) Schedl 1954d: 881–882, 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: 281; 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; Pjatnitskii 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 1981c: 81; 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 1981d: 81; Chamberlin 1939: 362; Keen 1929a: 32; McNamara 1984: 756; Wood, S. L. 1960b: 69, 1982b: 1123.

***keeni*** **(Blackman)** 1928b: 19 (*Myeloborus*). 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 1981d: 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, 1981d: 209; Chamberlin 1939: 340; Keen 1929a: 31; McNamara 1984: 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.

***kirgisicus*** **Pjatnitskii** 1931: 167. Lectotype, sex?; Kirgisien, USSR; Pjatnitskii Collection, not located, designated by Michalski 1969a: 895.
Figures: Tsai & Li 1959: 94.
Distribution: Europe (W USSR).
Hosts: *Picea schrenkiana*.
References: (**ec**) 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; Pjatnitskii 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. Kahuzi versant Quest, 2310 m; MRCB, Tervuren.
Figures: Schedl 1962j: 14.
Distribution: Africa (Zaire).
Hosts: *Albizzia gummifera*, *Persea gratissima*, *Ricinus communis*, *Sapium manneanum*, *Trema orientale*.
References: (**ec**) 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 1989a:pl. 9.
Distribution: Europe (Austria/ Bulgaria/ Poland/ W USSR).
Hosts: *Pinus cembrae montana*, *P. mugo*, *P. peuce*.
References: (**bv**) Grune 1979: 117; Hellrigl 1985. (**cn**) Schimitschek 1938b: 115, 120, 1955a: 42; Wachtl 1901: 381. (**ec**) Hellrigl 1985; Jahn & Sinreich 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: 381. (**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; Nunberg 1938: 126; Pfeffer 1936: 90, 1976: 340, 1989a: 64; Postner 1974: 436; Reitter 1916: 248; Schilsky 1909: 188; Schimitschek 1938b: 115, 120; Tredl 1907: 14. (**tx**) Balachowsky 1949a: 236; Cole & Freude 1972; Eggers 1915b: 13–14; Grune 1979: 116–117; Hagedorn 1910a: 101; Hellrigl 1985; Jansson 1936: 220; Karpinski & Strawinski 1948: 156; Kolubajiv 1934: 65; Nunberg 1938: 126; Pfeffer 1940b: 108, 112, 118, 1941b: 19, 1955a: 210, 1965: 63, 1976: 340, 1989a:pl. 9; Pjatnitskii 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: 358. Holotype ♀; Volcan Poas, Heredia, Costa Rica; Wood Collection.
Distribution: North America (Costa Rica).
Hosts: Tree branch.
References: (**ds**) Bright 1981d: 103; Wood, S. L. 1982b: 1081. (**tx**) Bright 1981d: 103; Wood, S. L. 1976a: 358, 1982b: 1081.

***languidus*** **Eichhoff** 1878b: 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 1878a: 389, 1878b: 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 siberica*, *P. koraiensis*.
References: (**ec**) Pfeffer 1960: 345. (**hb**) Kurenzov 1948b: 108, 1950d: 148; Stark 1952: 356. (**ds**) Nnorteva 1971: 71; Pfeffer 1960: 345, 1976: 340; Postner 1974: 437; Stark 1952: 356. (**tx**) Kurenzov 1941a: 177, 1948b: 108; Pfeffer 1976: 340; Postner 1974: 437; Stark 1952: 356.

***laticeps*** **Bright** 1978: 78. 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: 78, 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 (redescribed), 1928b: 39 (*rhois acerini*, *rhois hamamelidis*, *rhois swainei*, *piceae*, nomen nudums, 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. (**ec**) 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, 1878b: 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. (**ec**) 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; Glick 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 Ruette 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 (redescribed).
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 Ruette 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.

***lenis* 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 1989a:pl. 9.
Distribution: Asia (Fujian in China/ E USSR), Europe (Austria/ Belgium/ Bulgaria/ Czechoslovakia/ Denmark/ England/ Finland/ France/ Germany/ Greece/ Hungary/ Italy/ Luxemburg/ Netherlands/ Norway/ Poland/ Spain/ Sweden/ Switzerland/ W USSR/ Yugoslavia).
Hosts: *Pinus cembra*, *P. nigra*, *P. peuce*, *P. sylvestris*, *Picea obovata*, rare in *Larix sibericae*.
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 1928a: 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; Greckin 1962b: 707; Hellen 1921; Joly 1976; Judeich & Nitsche 1895: 526; Kangas 1937; Kobakhidze 1960: 1853; Koch 1913: 123; Kontkanen 1932: 59; Maar & Voore 1935: 641–651; Muller 1912: 185; Nestertschuk 1930: 172; Nosek 1952b: 103; Nusslin 1913: 205; Pfeffer 1933: 43; Pierce, W. D. 1917: 75; Rhumbler 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. (**ec**) Barbey 1927; Boucek 1974; Carpelan 1921; Jamnicky 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, 1928b: 3, 1933: 43, 1960: 345; Roubal 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; Gornostaev 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; Krivolutskaya 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; Sedlaczek 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. (**ds**) Acloque 1896; Allen, A. 1954; Bangsholt 1975: 95; Barthe 1896; Ban 1888; Bejer-Petersen & Jorum 1977: 25; Blandford 1891c; Borchert 1951; Brakman 1966b: 206; Brundin 1934; Bucking 1932; Bukowsky 1930; Buresh & Lazarov 1956; Calwer 1884, 1893; Carpelan 1921; Chapuis & Candeze 1853; Chararas 1962c: 363; Charvat 1950; Chorbadzhievo 1924d, 1929; Csiki 1914; Eggers 1904; Endrodi 1958b; Ericson & Sandin 1893; Escherich 1923b: 483, 1932b; Esterberg 1928; Everts 1922: 643, 1925; Favre 1890; Fedorov 1930; Fowler 1891; Fuchs 1904a; Gaubil 1849: 126; Gemminger & Harold 1872: 2688; Gerhardt 1900; Gobbi 1989: 61; Gornostaev 1917; Gozis 1875: 80; Greckin 1962b: 707; Grill 1895: 311; Grune 1979: 117; Gussmann 1919: 62; Hagedorn 1910d: 72; Hansen, V. 1939, 1956, 1964: 463; Heinemann 1908a, 1908b; Hellen 1947; Henschel 1895a: 172; Heyden 1876: 299, 1879: 140; Heyden, Reitter, & Weise 1883: 182, 1891: 672, 1906: 711; Horion 1951; Janovsky & Tegshzhargal 1985: 41; Joly 1976; Judeich & Nitsche 1895: 526; Kaltenbach 1874: 685; Karpinski 1926: 82, 1931: 25, 28, 1932a: 95, 1933b: 30; Karpinski & Strawinski 1948: 156; Kersten 1933: 75; Kiefer et al. 1942: 528; Klefbeck & Sjoberg 1960: 230; Kleine 1912a: 267, 1913a: 35, 1913b: 140, 1934a: 160; Kloft & Hinks 1945: 218; Kolbe, W. 1918: 211; Kontkanen 1932: 59; Kotula 1873b: 80; Kraatz 1869: 59; Krivolutskaya 1965a: 238, 1973: 140, 1983; Krogerus 1921b: 115; Kunnemann 1921: 58; Kurir 1947c: 6; Lacordaire 1866: 382; Leclercq 1971; Lindberg & Saris 1952: 59; Lomnicki 1886a: 242, 1913b: 148; Lucht 1987: 278; Lundberg 1974: 92, 1981: 151; Marcu 1957b: 213; Mequignon 1936: 54; Michalski 1957: 165; Mirzoian 1950: 141; Munster 1928: 289; Negru 1968a: 456; Nunberg 1928b: 88, 112, 1938: 126, 1954: 70; Nusslin 1898: 280; Perris 1876a: 255, 1877a: 415; Pfeffer 1924b: 471, 1928b: 3, 1931b: 74, 1935: 158, 1947e: 17, 1960: 346, 1976: 340, 1984: 277, 1989a: 64; Pierce, W. D. 1917: 75; Pittioni 1943: 176; Postner 1974: 435; Ragusa 1924: 116; Rapp 1934: 728; Ratzeburg 1839: 197; Redtenbacher 1858: 830, 1874: 379; Reitter 1869b: 154, 1894a: 75, 1916: 298; Rimski-Korsakov et al. 1949: 288; Roubal 1941: 269; Ruskov 1928c: 61; Rye 1866: 93; Saalas 1930: 119, 1931: 70; Sainte-Claire & Mequignon 1938: 447; Schaufuss 1915: 1242; Schaum 1859: 95, 1862: 101; Schedl 1980a: 23, 1981b: 78; Schilsky 1909: 188; Schwerdtfeger 1981: 190; Seidlitz 1872: 394, 1891a: 564, 1891b: 610; Sokanovskii 1960; Stark 1926a: 336, 1926b: 105, 1926j: 127, 1931a: 28, 1952: 350; Stein 1868: 114; Stein & Weise 1877: 164; Stierlin 1898: 441; Stierlin & Gautard 1871: 292, 1906: 205; Strand 1940: 601; Strand & Hanssen 1935: 70; Thomson 1865: 368, 1868: 223; Trappen 1935: 143; Tredl 1907: 14; Tschorbadjiev 1929: 170; Wachtl 1870: 259, 1876a: 460; Wichmann 1927a: 72; Winter, T. G. 1983: 22; Wiren 1945: 43; Yanovskii 1977a, 1989: 64; Yanovskii & Tegshzhargal 1985: 410; Zinovjev 1955: 187; Zivojinovic 1960: 25. (**tx**) Acloque 1896; Bach 1854; Balachowsky 1949a: 236; Barbey 1901: 23, 74; Blandford 1891c; Chapuis & Candeze 1853; Charvat 1950; Chorbadzhievo 1924d; Cola 1972: 12; Cola & Freude 1972; Doebner 1860; Dombrowsky 1887, 1891; Duffy 1953; Eggers 1915b: 13–14, 1931b: 31, 1941b: 222; Eichhoff 1864: 39, 1868d: 422, 1875: 201, 1878b: 176, 1881a: 47, 193, 1883a: 110, 134; Endrodi 1957a: 307, 1957b; Escherich 1923b: 483; Everts 1922: 643; Fairmaire 1864: 33; Fauvel 1889; Ferrant 1911; Ferrari 1867a: 32–33, 1867b: 114; Fleischer 1927; Formanek 1907: 37; Grune 1979: 116–117; Hagedorn 1910a: 101; Hansen, V. 1956, 1964: 463; Henschel 1895a: 172; Hopkins 1914: 127; Iablokoff-Khnzorian 1961: 105; Jacquelin du Val & Fairmaire 1868: 104, 112; Jansson 1936: 220; Joly 1976; Judeich & Nitsche 1895: 526; Karpinski & Strawinski 1948: 156; Koch 1913: 123, 1932: 121; Kuhnt 1913: 1056; Lacordaire 1866: 382; Lekander 1959b: 36; Letzner 1891: 375; Lovendal 1898: 131; Lucht 1987: 278; Nordlinger 1848: 242, 1856: 27; Nunberg 1928a: 141, 1929c: 121, 1938: 126, 1954: 70; Nusslin 1911a: 109; Perris 1877a: 415; Pfeffer 1932b: 23, 1933: 3–54, 1940b: 108, 112, 117, 1941b: 3, 1947e: 17, 1955a: 215, 1965: 63, 1976: 340, 1989a:pl. 9; Pjatnitskii 1931: 169; Portevin 1935: 333; Postner 1974: 435; Quaschik 1953: 35; Ratzeburg 1837: 162, 1839: 197; Redtenbacher 1849a: 790, 1849b: 26, 1858: 830, 1874: 379; Reitter 1894a: 75, 1898b: 356, 1901: 101, 1913a: 93, 1916: 298; Rhumbler 1922: 308, 1927: 322; Rupertsberger 1879: 231, 1880: 229; Saalas 1949: 343, 380; Schedl 1934f: 1643, 1938a: 158, 1952f: 87, 1980a: 23, 1981b: 78; Scherb 1971; Schimitschek 1937c: 55, 1955c: 87; Seidlitz 1872: 394, 1891a: 564, 1891b: 610; Seitner 1887: 44; Sokanovskii 1929: 670–672, 1959b: 93–94, 1960: 677; Spessivtsev 1913a: 89, 1922a: 487, 1922b: 221, 1925a: 182, 1925b: 27, 1926: 50, 1929c: 298, 1931: 61–63; Stark 1952: 350; Stierlin 1898: 441; Thomson 1865: 368, 1868: 223; Wichmann 1918: 106–107. (**ms**) Eichhoff 1868d: 422; Escherich 1932b; Heinemann 1908a; Hellen 1921; Michalski 1951a: 291; Wichmann 1959: 413.

***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 1985: 363; Kirk 1970; Kleine 1934a: 160; Leng & Mutchler 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 Ruette 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 Plaumann Collection.
Distribution: South America (Brazil).
Notes: (1) Schedl 1979c: 148 (citation of holotype invalid).
References: (**ds**) Schedl 1966f: 86. (**tx**) de Ruette 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: Djrudjura a Tidjda, 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: (**ec**) 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 Calel, 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 ♀; Correen, 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 sibiricae*.
References: (**ay**) Escherich 1923b: 463, 483, 601; Hadorn 1933; Nusslin 1911a: 5, 51, 60, 278, 338, 378; Sedlaczek 1902b: 244. (**bv**) 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 1838: 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; Ratzeburg 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; Schneeberg 1925: 495; Schwerdtfeger 1944a: 181, 1957a: 186; Sedlaczek 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. (**ec**) Baisch 1954: 321; Balazy 1962; Balazy & Michalski 1960; Barbey 1906a, 1927; Borodin 1962; Egger, A. 1974; Ganss & 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; Nunberg & 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; Ruhm 1956b: 4; Saalas 1937: 154, 1949: 343, 379, 1951: 16; Schimitschek 1930a: 340, 1955a: 36–37, 1957a: 186; Schwerdtfeger 1944a: 181; Sedlaczek 1908: 53, 1933: 307, 1935a: 163; Seitner 1913a: 27; Sitowski 1930: 4; Szczepanski 1960a: 408, 1961: 3; Thompson, W. R. 1943: 91; Tragardh 1925a: 171, 1927a: 208; Vietinghoft 1924: 335; Wiackowski 1957b: 312; Zinovjev 1958: 386; Zumr 1985b. (**hb**) Apfelbeck 1916: 429–439, 1917; Barbey 1901: 23, 77, 1913, 1925: 70; Bargmann 1906; Beffa 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; Gornostaev 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; Lunardoni & Leonardi 1889: 458; Madon 1930: 99; Marcu 1930: 327–336; Mokrzecki 1925: 1–7; Naumann-Etienne 1978a; Nunberg 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; Ratzeburg 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, 1928: 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; Tredl 1908b: 140; Wachtl 1876a: 460, 1901: 381; Weber, H. 1926: 579; Wichmann 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; Bau 1888; Beffa 1949; Belousov 1916, 1917: 336; Bielz 1887; Blanchere & Robert 1889; Blandford 1891a; Borcea 1924: 221–260; Brakman 1966b: 206; Brancsik 1871, 1906; Buresh & Lazarov 1956; Calwer 1893; Cecconi 1897, 1906; Charvat 1950; Chorbadzhievo 1924d; Credler 1868; Crotch 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; Ganbil 1849: 126; Gauss & Wellenstein 1950; Gemminger & Harold 1872: 2688; Gerhardt 1898a; Geschwind 1918; Gillefors 1966; Goeze 1777: 130; Gornostaev 1917: 308–315; Gredler 1866: 374, 1869: 73, 1875: 115; Grill 1895: 311; Gronzelle 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 & Deubel 1910: 145; Horion 1935, 1949, 1951, 1956: 123; Hornuzaki 1891: 174; Ihssen 1939: 336; Jacentkovsky 1933: 271; Jazentkovsky 1912: 288; Judeich & Nitsche 1895: 524; Kangas 1971; Karpinski 1925: 216, 1926: 82, 1931: 19, 28, 1932a: 101, 1933a: 290, 1933b: 30; Karpinski & Strawinski 1948: 156; Keler 1925b: 272; Kersten 1933: 76; Kestercanek 1881a: 12; Kinelski 1958: 73; Klefbeck & Sjoberg 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; Krivolutskaya 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; Lunardoni & 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; Nunberg 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, 1947e: 4, 1950b: 73, 1976b: 340, 1989a: 63; Pierce, W. D. 1917: 69; Platonoff 1943: 141; Pomerantzev 1907b: 492; Poppius 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: 548, 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, 1938: 10–14, 1939b: 147, 227; Trappen 1935; Tredl 1907: 14, 1908b: 140; Vappula 1965: 153; Villa & Villa 1833: 26; Wachtl 1876a: 460; Westhoff 1882: 238; Wichmann 1909b: 173, 1927a: 73–74; Yanovskii 1977a; Yanovskii & Dmitrienko 1983; Yanovskii & Tegshzhargal 1985: 410; Zinovjev 1955: 187. (**tx**) Acloque 1896; Balachowsky 1949a: 235; Barbey 1901: 23, 77; Bechstein et al. 1805; Beffa 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; Endrodi 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; Goeze 1777: 130; Grune 1979: 117; Gyllenhal 1813: 362, 1827: 624; Hagedorn 1910a: 101; Henry 1892: 14; Henschel 1895a: 172; Houlbert 1922a:pl. 1; Jacobson 1895: 521; Jacquelin du Val & Fairmaire 1868: 112; Jansson 1936: 220; Judeich & Nitsche 1895: 524; Karpinski & Strawinski 1948: 156; Knotek 1892a: 37; Koch 1913: 125, 1928: 99, 1932: 119; Kuhnt 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; Lunardoni & Leonardi 1889: 458; Marshan 1802: 52; Meixner 1937: 1214; Nunberg 1930, 1938: 126, 1954: 70; Nusslin 1911a: 5, 51, 60, 110, 278, 338, 378; Olivier 1795b: 9; Paykull 1800: 155; Pfeffer 1940b: 107, 116, 1941c: 5, 1947c: 4, 1955a: 214, 1976: 340; Pjatnitskii 1931: 171, 173; Portevin 1935: 333; Postner 1974: 434; Quaschik 1953: 35; Ratzeburg 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; Kozikowsky 1929: 252; Lucas 1920: 515; Reh 1900a: 95; Seitner 1913a: 27.

*fennicus* Eggers 1914: 183. Lectotype ♂; Finland: Karislojo, Turtola; USNM, Washington, designated by Anderson & Anderson 1971: 13. Synonymy: Stark 1952: 342.
References: (**bv**) Pfeffer 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**) Pfeffer 1924b: 471, 1935: 159; Saalas 1913a: 67, 86, 1916: 110–116, 1917a: 18; Schaufuss 1915: 1242. (**tx**) Anderson, W. H. & Anderson 1971: 13; Balachowsky 1949a: 235; Eggers 1914: 183–184, 1915b: 13–14; Endrodi 1957b: 417; Michalski 1969b: 569; Pfeffer 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; IZL, Leningrad.
References: (**ds**) Pfeffer 1976: 340. (**tx**) Pfeffer 1976: 340; Stark 1952: 344.

*micrographus curtulus* Sokanovskii 1954: 19. Syntypes ?; Poland; not located.
References: (**ds**) Pfeffer 1976: 340. (**tx**) Pfeffer 1976: 340; Sokanovskii 1954: 19.

*micrographus longulus* Sokanovskii 1954: 19. Syntypes ?; Poland; not located.
References: (**tx**) Endrodi 1957b: 417; Kinelaki 1958: 73; Nunberg 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 ♀; Palin, 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.

*navus* 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: 385; de Ruette 1970: 110.

***molestus* Wood** 1976c: 362. Holotype ♀; Los Abritos, San Luis Potosi, Mexico; Wood Collection.
Distribution: North America (San Luis Potosi in Mexico).
Hosts: *Liquidambar styraciflua*.
References: (**ds**) Atkinson & Equihua 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 & Equihua 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 85 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, Gouv. 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 & Sjoberg 1960: 230; Kontkanen 1932: 62; Lucht 1987: 278; Lundberg 1975: 12, 1977; Nunberg 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 1985: 410; Yin, Huang, & Li 1984: 120; Zinovjev 1955: 187. (**tx**) Blackman 1928b: 1–184; Grune 1979: 119; Karpinski & Strawinski 1948: 156; Lucht 1987: 278; Nunberg 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: 138. 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 (redescribed).

Bright 1981d: 311 (recognized subsp. *aurulentus*; its status is very doubtful).

References: (**cn**) Lindgren 1980a: 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 1980a: 68. (**ds**) Bright 1976d: 183, 1981d: 311; Chamberlin 1925, 1939: 398, 1958: 160; Evans, D. 1978, 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 Ruette 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 Ruette 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 (redescribed).

References: (**cn**) Lindgren 1980a: 68. (**hb**) Chamberlin 1939: 398, 1958: 160; Lindgren 1980a: 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 Ruette 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 (redescribed).

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 Ruette 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 Reutte 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 Ruette 1970: 111; Swaine 1925b: 196; Wood, S. L. 1957c: 401.

*depygis* 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 Ruette 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 Ruette 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 & Sancedo 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: *Aristochia 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 ayacahuite*, *P. rudis*, *P. strobiformis*.
Notes: (3) Bright 1981d: 189 (This is *nitidulus* of Schedl 1956: 18 and Schwerdtfeger 1957: 497).
References: (**ec**) 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, 1977e: 42; Wood, S. L. 1982b: 1071. (**tx**) Blandford 1904: 236; Bright 1976b: 184, 1978: 72, 1981d: 189, 356; Hagedorn 1910a: 101; Schedl 1938a: 183, 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: Mweka, Bulongo; MRCB, Tevuren.
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: 87. (**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. (**ec**) 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 & Voight 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; Hoebeke 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.

*atratulus* 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 ♀; Tullochgoram, 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. (**ec**) Werner & Holsten 1984. (**hb**) Chamberlin 1939: 358; Lindgren 1980a: 69; Schwerdtfeger 1957c: 496; Swaine 1918a: 94, 98. (**ds**) Atkinson & Equihua 1988: 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 Ruette 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.

*borealis* Swaine 1925b: 195. Holotype ♀; Coppermine 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 Ruette 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 Ruette 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 Ruette 1970: 112; Schedl 1930: 196, 1931b: 163, 1979c: 264; Wood, S. L. 1957c: 401.

*aquilonius* 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 Ruette 1970: 108.

***nocturnus* Schedl** 1938a: 185. Lectotype ♂; San Geronimo, 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 lawsoni*, *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 1988: 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 ♀; Tehachipi, 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 1988: 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*** **Schaufuss** 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**) Alluaud 1900: 441; Anonymous 1892: 165; Fairmaire 1892b; Hagedorn 1910d: 73; Kleine 1913b: 140, 1914b: 326. (**tx**) Fairmaire 1892b; Hagedorn 1910a: 101, 1913b: 255; Schaufuss 1891: 17; Schedl 1938a: 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 raricina*, *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 & Linnane 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 1878a: 665, 1878b: 623; Kleine 1913b: 140, 1934a: 160; Leng 1920: 341; Leonard 1928: 519; Miller, R. F. & Morgan 1982; Morgan, A. V. & Morgan 1980: 1110; Schuder 1969: 80; Swaine 1909: 136; Werner & Holsten 1984; Wood, S. L. 1957c: 401, 1982b: 1037. (**tx**) Blackman 1922b, 1928b: 44, 52; Blatchley & Leng 1916: 633; Bright 1977: 517, 1981d: 218, 360; Chamberlin 1939: 366; Hagedorn 1910a: 101; LeConte 1878b: 623; Schedl 1931b: 165; Swaine 1909: 136, 1918a: 95, 99; Wood, S. L. 1957c: 401, 1982b: 1037.

*abietis* Blackman 1928b: 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 1928b: 49–50; Bright 1977: 517; Chamberlin 1939: 365; Keen 1929a: 32; Michalski 1969b: 569; de Ruette 1970: 107.

*albertensis* Blackman 1928b: 50. Holotype ♀; Banff Sp. [Banff Springs], Alberta, Canada; USNM, Washington. Synonymy: Bright 1977: 517.
References: (**cn**) Lindgren 1980a: 67. (**hb**) Chamberlin 1939: 365, 1958: 149; Lindgren 1980a: 67. (**ds**) Bright 1976d: 180; Chamberlin 1939: 365, 1958: 149; Leng & Mutchler 1933: 52; Smith, G. S. 1930; Wood, S. L. 1972a: 425. (**tx**) Blackman 1928b: 44, 50–51; Bright 1977: 517; Chamberlin 1939: 365, 1958: 149; de Ruette 1970: 107; Wood, S. L. 1972a: 425.

*exiguus* Blackman 1928b: 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 1928b: 51; Bright 1966b: 298, 1977: 517; Chamberlin 1939: 366; Keen 1929a: 32; de Ruette 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 Ruette 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. 1982b: 1061. (**tx**) Bright 1968c: 607–608; 1981d: 255; de Ruette 1970: 110; Ruth 1980: 15; Wood, S. L. 1982b: 1061.

***ornatus* Blackman** 1928b: 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 *intextus*).
References: (**hb**) Chamberlin 1939: 387. (**ds**) Chamberlin 1939: 387; Keen 1929a: 33; Kleine 1934a: 161; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1090. (**tx**) Blackman 1928b: 102; Chamberlin 1939: 387; Keen 1929a: 33; McNamara 1984: 737; Wood, S. L. 1977d: 516, 1982b: 1090.

*kenti* Blackman 1928b: 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 1928b: 141; Bright 1977: 515; Chamberlin 1939: 401; Keen 1929a: 34; McNamara 1984: 736; 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.

***ostryacolens* 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* Pjatnitskii** 1931: 169. Syntypes, sex?; Kirgisien, USSR: Pjatnitskii 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; Pjatnitskii 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, Chihuahua, Hidalgo, Michoacan, San Luis Potosi, Tlaxcala, Veracruz in Mexico).
Hosts: *Senecio* sp.
Notes: (3) The host recorded as *Baccharis* sp. was actually *Senecio* (SLW).
References: (**hb**) Atkinson & Equihua 1985a: 91, 1985c: 359; Atkinson et al. 1986: 40, 72; Burgos & Sancedo 1983: 124. (**ds**) Atkinson & Equihua 1985a: 91, 1985c: 359; Atkinson et al. 1986: 40, 72; Bright 1981d: 63; Burgos & Sancedo 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 ♂?; Congo Belge: Luki, Mayumbe; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: *Pentaclethra macrophylla*.
References: (**cc**) 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, sex?; America meridionalis (Brasilia); Hamburg Museum, lost.
Distribution: South America (Brazil).
References: (**ds**) Blackwelder 1947: 782; Goncalves 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 & Sancedo 1983: 121. (**ds**) Atkinson & Equihua 1985a: 97; Atkinson et al. 1986: 40; Blackwelder 1947: 782; Bright 1981c: 282; Burgos & Sancedo 1983: 121; Thomas, J. B. 1966; Wood, S. L. 1982b: 1098. (**tx**) Blackman 1942a: 218; Bright 1981d: 282; 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.

***pinavorus* 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: (**cc**) 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 (*Myelobonus*). 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; Leng & Mutchler 1933: 53; Wood, S. L. 1972a: 424. (**tx**) Blackman 1928b: 20; Bright 1976c: 427, 1981d: 210; Chamberlin 1939: 340; Keen 1929a: 31; de Ruette 1970: 104; Wood, S. L. 1951a: 128, 1972a: 424.

***pini* Kurenzov** 1941a: 176. Lectotype, sex?; 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; Pfeffer 1976: 340; Stark 1952: 357; Zinovjev 1955: 187, 190. (**tx**) Krivolutskaya 1956: 836, 838; Kurenzov 1941a: 176, 233, 1948b: 108; Michalski

1969a: 895, 1969b: 569; Pfeffer 1976: 340; Stark 1952: 357; Yin, Huang, & Li 1984: 120.

***pinsapo* Pfeffer** 1982b: 154. Holotype, sex?; Spain; apparently in Prague Museum.
Distribution: Europe (Spain).
Hosts: *Abies pinsapo*.
References: (**tx**) Pfeffer 1982b: 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. bornmulleriana*, *A. cephalonicae*, *A. pectinata*, *Pinus heldreichii*, *P. pence*.
References: (**ay**) Chararas 1977b. (**bv**) Chararas 1966b, 1977b; Francke et al. 1987; Grune 1979: 115; Hellrigl 1985; Jacobson 1972; Krol & Zabecki 1976; Mori & Puapoomchareon 1987; Prell 1930c: 631; Tragardh 1930b: 102; Zumr & 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; Lezhava 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; Szujecki 1956: 241–242; Vite 1984b; Wichmann 1927b: 353; Zumr & Landa 1985. (**ec**) Balazy 1962, 1968; Balazy & Michalski 19641, 1964b; Balazy et al. 1977; Capecki 1982; Chararas 1959d; Gadek 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; Nunberg 1930: 201; Nunberg & Wiackowski 1958: 130; Pfeffer 1932a: 8, 1943b: 182, 1947c: 204, 1949b: 147, 1950c: 3, 1955b: 84, 1957a: 198, 1959: 5, 1960: 346; Ratzeburg 1869a: 79; Rondani 1873: 140; Schimitschek 1941a: 312; Zumr 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; Nunberg 1929a: 111, 1929c: 121, 1947c: 106; Pfeffer 1941b: 1, 1941c: 5, 1989a: 63; Postner 1974: 434; Prell 1930c: 631; Ratzeburg 1837: 136, 1839: 166; Schwerdtfeger 1981: 192; Simmel 1928: 154; Spessivtsev 1923: 205; Stark 1952: 344; Szujecki 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; Gaubil 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 1884b: 264; Lucht 1987: 278; Mequignon 1936: 54; Michalski 1957: 165; Negru 1966b: 403; Nunberg 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; Roubal 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; Szujecki 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; Negru 1966b: 403; Nordlinger 1848: 242, 1856: 27; Nunberg 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 1987.

*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 ♂; Foret 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.

***plaumanni* (Schedl)** 1970e: 102 (*Breviophthorus*). Holotype, sex?; Brasilien, Bocaiuva (Pa), 25 08, 49 04, 1000 m; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (**tx**) Schedl 1970e: 102, 1979c: 196.

***pseudotsugae* Swaine** 1918a: 99. Holotype ♀; BX Mountain, Vernon District, British Columbia [Canada]; CNCI, 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 (redescribed).

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 1918a: 96, 99. (**ec**) Ashraf & Berryman 1969: 19; Berryman 1968a: 66; Bushing & Bright 1965: 203; Dewey & Clinton 1980; Deyrup & Gara 1978: 275; Struble 1957: 14. (**hb**) Bright & Stark 1973: 114; Browne 1968b: 564; Chamberlin 1939: 387, 1958: 154; Doane et al. 1936; Furniss 1968: 1384–1389; Struble 1937d: 11, 1957: 14; Swaine 1918a: 96, 99. (**ds**) Anonymous 1963k, 1963y; Bedard 1938a; Bright 1976d: 184, 1981d: 162; Bright & Stark 1973: 114; Browne 1968b: 564; Chamberlin 1925, 1939: 387, 1958: 154; Downing 1963: 8; Evans, D. 1983: 35; Furniss, R. L. & Carolin 1977: 402; Gast et al. 1989: 385; 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: 678, 1981d: 162, 350; Chamberlin 1939: 387, 1958: 154; Evans, D. 1983: 35; Hoebeke 1978; Keen 1929a: 33, 1938: 32; de Ruette 1970: 110; Swaine 1918a: 96, 99; Wood, S. L. 1951a: 128, 1972a: 426, 1977d: 516, 1982b: 1093.

*thatcheri* Bright 1976c: 442. Holotype ♀; Big Sandy Meadow, S28, 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 (redescribed).

References: (**ay**) Thomas, J. B. 1957: 4, 1967. (**bv**) 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 1928: 1–20; Schuder 1969: 80; Swaine 1918a: 95, 99; Syme & Nystrom 1988: 84. (**ec**) 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 1888a: 80; Swaine 1918a: 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: 187, 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: 268, 1885: 147; Hopkins 1893a: 131, 1893b: 209; Hubbard & Schwarz 1878a: 665; Kleine 1913b: 140, 1914b: 391, 1934a:

161; Knull 1932: 1196–1203, 1934: 212; Leng 1920: 341; Leonard 1928: 519; Lindquist, O. H. & Syme 1981: 88; Morgan, A. V. & Morgan 1979; Schuder 1969: 80; Schwarz 1888a: 80, 1891: 65; Smith, J. B. 1890: 267, 1900: 362, 1910: 401; Swaine 1909: 137; Syme & Nystrom 1988: 84; Ulke 1902: 56; Wood, S. L. 1982b: 1034. (**tx**) Beal & Massey 1945: 136–137; Blackman 1919b: 140–142, 1922c, 1928b: 44, 48–49; Blatchley & Leng 1916: 629; Bright 1981d: 264, 366; Chamberlin 1939: 365; Dodge 1938: 15; Eichhoff 1878b: 202, 1896: 609–610; Hagedorn 1910a: 101; LeConte 1868: 157, 1876: 354, 1878: 665; Lindquist, O. H. & Syme 1981: 88; Pfeffer 1932b: 23; Swaine 1909: 137, 1918a: 95, 99; Syme & Nystrom 1988: 84; Thomas, J. B. 1957: 4, 1967; Titus, Meikle, & Harrison 1985: 105; Wood, S. L. 1982b: 1034.

*infans* Eichhoff 1872a: 135. Holotype, sex?; Amer. Bor. (Civitat. unit.); Hamburg Museum, lost, neotype, ♀; Syracuse, New York [USA], USNM, Washington, designated by Bright 1978: 72.

Notes: (3) Blackman 1928b: 49 (redescribed).

References: (**ds**) Gemminger & Harold 1872: 2688; Leng 1920: 341. (**tx**) Blackman 1928b: 49; Bright 1978: 72; Eichhoff 1872a: 135, 1878b: 187, 1896: 609–610; LeConte 1876: 355; Swaine 1909: 137.

***pubescens* (Marsham)** 1802: 58 (*Ips*). Syntypes, sex?; not given, presumably England; not located, presumably in BMNH, London.

Figures: Pfeffer 1989a: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. pinea*, *P. radiata*, *P. sylvestris*, *P. uncinata*.

References: (**ay**) Feytaud 1950. (**bv**) Grune 1979: 117; Wichmann, H. E. 1967. (**cn**) Barbey 1925: 280; Browne 1968b: 565; Feytaud 1946, 1950a; Forbes 1910; Grandi 1951; Hanson 1937, 1940a; Joly 1976; Kailidis & Georgevits 1972. (**ec**) Elliot & Morley 1907; Halperin & Holzschuh 1984: 28; Heqvist 1963: 154; Kleine 1908c: 213, 1909a: 47, 78; Kraemer 1950b: 380; Nosek 1959a: 118; Pfeffer 1960: 346; Thompson, W. R. 1943: 91; Wichmann, H. E. 1967. (**hb**) Barbey 1925: 280; Browne 1968b: 565; Chararas 1962c: 363; Dallimore & Munro 1922; Feytaud 1946, 1950a; Gillanders 1908; Grandi 1951; Gyorfi 1957; Halperin & Holzschuh 1984: 28; Joly 1976; Kemner 1919: 175; Kraemer 1950b: 380; 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 1968b: 565; Butovitsch 1963; Chararas 1962c: 363; Chrystal 1937; Dallimore & Munro 1922: 189–193; Eggers 1918; Endrodi 1958a, 1958b; Escherich 1932b; Everts 1925; Fowler 1891; Georghiou 1977: 75; Grune 1979: 117; Hagedorn 1910d: 75; Halperin & Holzschuh 1984: 28; Hanau 1919; Hansen, V. 1939, 1956, 1964: 464; Hellen 1947; Horion 1951; Jansson 1936: 220; Johnson & Halbert 1902: 819; 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 1987: 278; Mahler 1987: 232; Munro 1920: 1–35, 1921: 88; Pfeffer 1930b: 120, 1931b: 74, 1935: 158, 1947d: 126–127, 1947e: 12, 1960: 346, 1976: 340, 1984: 277, 1989a: 66; Pittioni 1943: 175; Postner 1974: 435; Reitter 1916: 298; Roubal 1941: 270; Sainte-Claire & Mequignon 1938: 447; Schaufuss 1915: 1243; Schedl 1964a, 1976c: 71, 1978e: 37, 1981b: 78; Schilsky 1909: 188; Stark 1927b: 90, 1952: 352; Stephens 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; Duffy 1953; Eggers 1915b: 13–14, 1918: 181; Endrodi 1957b; Fleischer 1927; Gillanders 1908; Grune 1979: 117; Hagedorn 1910a: 101; Hansen, V. 1956, 1964: 464; Joly 1976; Karpinski 1949: 125; Lucht 1987: 278; Marsham 1802: 58; Olivier 1795b: 11; Pfeffer 1933: 3–54, 1940b: 108, 112, 119, 1941b: 3, 1947e: 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: 78; Sokanovskii 1954: 19; Spessivtsev 1913a: 89, 1922a: 488, 1922b: 221, 1925a: 182, 1926b: 50, 1929c: 298–303, 1931: 63; Stark 1952: 352; Stephens 1829a: 145, 1829b: 12, 1830: 357, 1839: 207. (**ms**) Eggers 1910a, 1910b; Escherich 1932b; Schimitschek 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 1883b: 319, 1901: 381; Walsh 1867a: 103. (**ec**) Perris 1852: 504, 1856a: 191, 1862: 189; Pfeffer 1928b: 8, 1933: 43; Wichmann 1959: 413. (**hb**) Barbey 1901: 23, 75; Dombrowsky 1891, 1892; Everts 1903: 758; Henschel 1895a: 173; Nordlinger 1870a: 187; Packard 1890: 715; Perris 1852: 504, 1856a: 191; Peyerimhoff 1915: 61; Rupertsberger 1879: 231, 1880: 230; Wachtl 1901: 381. (**ds**) Acloque 1896; Barthe 1896; Bedel 1888b: 298, 414; Blanchere & Robert 1889; Brancsik 1871, 1906; Bueking

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; Strauch 1861: 122; Wichmann 1910: 146, 1927: 72. (**tx**) Acloque 1896; Balachowsky 1949a: 237; Barbey 1901: 23, 75; Bedel 1888b: 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 Hispanola/ 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 ♂; Guadalajara, 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 (redescribed). 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. (**cn**) 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. (**ec**) 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 1888a: 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 1878b: 623; Schwarz 1886: 41, 1888: 80; Swaine 1909: 138.

*pusio* LeConte 1878b: 623. Holotype ♂; Marquette, Michigan [USA]; MCZ, Cambridge. Synonymy: Blackman 1928b: 111.

References: (**ds**) Blatchley & Leng 1916: 632; Hagedorn 1910d: 75; Henshaw 1882: 268, 1885: 147; Hubbard & Schwarz 1878a: 643, 665, 1878b: 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 1878b: 623; Swaine 1909: 140, 1918a: 102.

***pulicarius* (Zimmermann)** 1868: 144 (*Crypturgus*). Lectotype, sex?; Lake Superior [USA]; MCZ, Cambridge.

Figures: Bright 1981d: 85, 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 (redescribed).

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, G. N. & Jones 1969: 12; Merkel & Kowal 1956: 7; Ollieu & 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. (**ec**) Felt 1906: 751; Hines, J. W. & Heikkenen 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; Beaulne 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 1878b: 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 (redescribed).

References: (**cn**) Blackman 1950; Chamberlin 1924; Doane et al. 1936; Felt 1906: 751; Hopkins 1899c: 357, 442; Swaine 1918a: 98, 103. (**ec**) 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, 1928b: 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, 1918a: 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 1928b: 119.
References: (**ec**) Felt 1906: 752. (**hb**) Felt 1906: 751–752. (**ds**) Hopkins 1899: 437–442; Leng 1920: 341; Swaine 1909: 139. (**tx**) Blackman 1928b: 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 1918a: 98, 103. (**ec**) Cross & Moser 1971; Dixon & Payne 1979b; Moser, J. C., Cross, & Roton 1971. (**hb**) Blackman 1922b: 108–109; Chamberlin 1939: 400; Hopkins 1899c: 443; Swaine 1918a: 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, 1928b: 117, 138; Chamberlin 1939: 400; Eichhoff 1869a: 274, 1878b: 185; LeConte 1876: 352; Swaine 1909: 139, 1918a: 98, 103; Wood, S. L. 1977d: 516.

***punctatus* Eggers** 1940a: 130. Holotype ♀; Guadelonpe (Trois Rivieres); Eggers Collection, in NHMW, Wien.
Distribution: Antilles Islands (Guadelonpe).
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 Ruette 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.

***quadrispinatus* Schedl** 1966f: 110. Holotype ♂; published as Surinam, Moengo, type in Schedl Collection (♀) labeled Camopi-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 Ruette 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 1918a: 94, 98. (**ec**) Bushing 1965: 462. (**hb**) Baker, W. L. 1972: 259; Blackman 1950; Bright 1981d: 207; Chamberlin 1939: 341; Swaine 1918a: 94, 98. (**ds**) Anonymous 1926c: 518; Baker, W. L. 1972: 259; Beauhe 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; Hoebeke 1978; de Ruette 1970: 111; Swaine 1917: 28–29, 1918a: 94, 98, 1925b: 192; Wood, S. L. 1982b: 1044.

*fivasi* 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: 168; Chamberlin 1939: 341; Dodge 1938: 41–42; Leng & Mutchler 1933: 53. (**tx**) Blackman 1928b: 23; Bright 1976c: 426, 1976d: 168; 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 1985c: 176. (**tx**) Blackman 1942a: 206; Bright 1985c: 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; Pfeffer 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 & Equihua 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; Pfeffer 1976: 340. (**tx**) Krivolutskaya 1956: 838, 1958: 163; Pfeffer 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 & Equihua 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 & Equihua 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, 1979e: 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 1981. (**cn**) Lindgren 1980: 69. (**hb**) Bright & Stark 1973: 105; Furniss, M. M. & Johnson 1987: 377; Lindgren 1980: 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. 1982b: 1051. (**tx**) Blackman 1928b: 30; Bright 1981d: 135; Chamberlin 1939: 357; Hopping 1960a: 867; Keen 1929a: 32; de Ruette 1970: 111; Wood, S. L. 1982b: 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. 1982b: 1052. (**tx**) Bright 1978: 82, 1981d: 127; Gast et al. 1989: 385; McNamara 1984: 757; Wood, S. L. 1982b: 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: (**ec**) 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.

***schwarzi* Blackman** 1928b: 71. Holotype ♀; Las Vegas H.S. [Hot Springs], New Mexico [USA]; USNM, Washington.

Figures: Bright 1981d: 368.

Distribution: North America (Coahuila, Durango, Hidalgo, Nuevo Leon, Queretaro, Tlaxcala in Mexico/ Arizona, New Mexico, W Texas, Utah, Wyoming in USA).

Hosts: *Pinus cembroides*, *P. edulis*, *P. greggii*, *P. leiophylla*, *P. hunholtzii*, *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. 1982b: 1080. (**tx**) Blackman 1928b: 71–72; Bright 1981d: 273, 368; Chamberlin 1939: 377; Keen 1929a: 32; de Ruette 1970: 111; Wood, S. L. 1982b: 1080.

***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/ Honduras/ Chiapas, Durango, Mexico, Nuevo Leon in Mexico/ Arizona, Nevada, W Texas in USA).

Hosts: *Pinus engelmannii*, *P. oocarpa*, *P. ponderosa*, *P. pseudostrobus*.

References: (**cn**) Cibrian-Tovar et al. 1986: 47. (**hb**) Atkinson & Equihua 1985c: 359; Atkinson et al. 1986: 41; Bright 1981d: 88; Burgos & Saucedo 1983: 116; Schwerdtfeger 1957c: 506. (**ds**) Atkinson & Equihua 1985c: 359, 1988: 98; Atkinson et al. 1986: 41; Bright 1981d: 88; Burgos & Saucedo 1983: 116; Cibrian-Tovar et al. 1986: 47; Rio Mora 1985: 13; Wood, S. L. 1982b: 1047. (**tx**) Bright 1976b: 187, 1981d: 88, 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 (*Conophthocranulus*). Holotype ♀; Temascaltepec, Mexico; Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 28.

References: (**tx**) Schedl 1963c: 163, 1979c: 128; Wood, S. L. 1966b: 28.

***scitulus* 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: 1083. (**tx**) Bright 1981d: 104; McNamara 1984: 757; Wood, S. L. 1976a: 359, 1982b: 1083.

***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, 1978v; Blackman 1950. (**hb**) Baker, W. L. 1972: 255; Beal & Massey 1945: 127–128; Blackman 1922b: 106–107, 1950; Chamberlin 1939: 401. (**ds**) Anonymous 1977f, 1978v; Beal & Massey 1945: 127–128; Blackman 1922b: 106–107, 1950; Bright 1981b: 8; Chamberlin 1939: 401; Deyrup 1981b: 8; Drooz 1985: 363; Kleine 1934a: 161; Leng & Mutchler 1927: 52; Wood, S. L. 1982b: 1118. (**tx**) Beal & Massey 1945: 127–128; Blackman 1921: 7–8, 1922b: 106–107, 1928b: 114, 142; Bright 1976b: 184, 1981d: 39; Chamberlin 1939: 401; de Ruette 1970: 111; Wood, S. L. 1982b: 1118.

***segnis* Blackman** 1928b: 52. Holotype ♀; Santa Catalina Mts., Arizona [USA]; USNM, Washington.

Figures: Bright 1981d: 358.

Distribution: North America (Durango in Mexico/ Arizona, New Mexico in USA).
Hosts: *Pinus engelmannii*, *P. strobiformis* twigs.
Notes: (3) Bright 1981d: 199 (recognized subspecies *subopacus*). Wood 1982b: 1036 (intergrades with *subopacus*).
References: (**hb**) Atkinson et al. 1986: 41; Chamberlin 1939: 366. (**ds**) Atkinson & Equihua 1985a: 95; Atkinson et al. 1986: 40; Bright 1981d: 198; Chamberlin 1939: 366; Keen 1929a: 32; Kleine 1934a: 161; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1036. (**tx**) Blackman 1928b: 44, 52–53; Bright 1981d: 198–199; Chamberlin 1939: 366; Keen 1929a: 32; McNamara 1984: 757; Wood, S. L. 1982b: 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 1981d: 203; Wood, S. L. 1982b: 1042. (**tx**) Bright 1977: 529, 1981d: 203; Wood, S. L. 1982b: 1042.

***serratus* Swaine** 1918a: 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: (**en**) Keen 1929: 53; Swaine 1918a: 98, 103. (**hb**) Bright & Stark 1973: 115; Chamberlin 1939: 395, 1958: 157; Keen 1929: 53; Swaine 1918a: 98, 103. (**ds**) Bright 1981d: 304; Bright & Stark 1973: 115; Chamberlin 1939: 395, 1958: 157; Hopping 1922; Keen 1929a: 33, 1929c: 53; Kleine 1934a: 161; Leng 1920: 341; Wood, S. L. 1972a: 427, 1982b: 1106. (**tx**) Blackman 1928b: 115, 122; Bright 1967b: 678, 1981d: 304; Chamberlin 1939: 395, 1958: 157; Keen 1929a: 33; de Ruette 1970: 111; Swaine 1918a: 98, 103; Wood, S. L. 1972a: 427, 1982b: 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 1981d: 361.
Distribution: North America (California in USA).
Hosts: *Pinus radiata*, 1 series from *P. muricata*.
References: (**ec**) Kinn 1971. (**hb**) Bright & Stark 1973: 109; Chamberlin 1939: 378. (**ds**) Bright 1981d: 222; Bright & Stark 1973: 109; Chamberlin 1939: 378; Keen 1929a: 32; Kleine 1934a: 161; Leng & Mutchler 1933: 52; Wood, S. L. 1982b: 1073. (**tx**) Blackman 1928b: 62, 77–78; Bright 1981d: 222, 361; Chamberlin 1939: 378; Keen 1929a: 32; de Ruette 1970: 111; Schedl 1931b: 166; Wood, S. L. 1982b: 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 ISBN, Novosibirsk.
Distribution: Asia (USSR).
Hosts: *Picea ajanensis*.
References: (**hb**) Krivolutskaya 1956: 838; Kurenzov 1948b: 111; Stark 1952: 358. (**ds**) Krivolutskaya 1956: 838; Pfeffer 1976: 340; Sokanovskii 1960; Stark 1952: 358. (**tx**) Krivolutskaya 1956: 838; Kurenzov 1941a: 175, 1948b: 111; Michalski 1969b: 570; Pfeffer 1976: 340; Sokanovskii 1960: 675; Stark 1952: 358.

***sierrensis* Bright** 1971b: 64. Holotype ♀; 1 mile S Onion Valley, Inyo Co., California [USA]; CNCI, Ottawa.
Figures: Bright 1981d: 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 1981d: 259; Bright & Stark 1973: 110. (**tx**) Bright 1971b: 64–65, 1981d: 259, 365; McNamara 1977: 198; Wood, S. L. 1982b: 1063.

***signatifrons* Browne** 1975a: 758. Holotype ♂; Tanzanie: Mts. Ulugurn, 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 lawsoni*, *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 ♀; Cloudcroft, 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 Ruette 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 ayacahuite*, *P. edulis*, *P. greggii*, *P. hartweggii*, *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. pseudostrobus*, *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 NHMW, 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, 1988: 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: *Rheedia 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 Rivieres, Guadeloupe, Dufour; 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.

***subcribratus* 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 1982b: 1143 (cited in *Gnatholeptus*).

References: (**ds**) Blackwelder 1947: 782. (**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: 782. (**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 1982: 1086 (intergrades with *segnis*).

References: (**ds**) Blackwelder 1947: 782; Bright 1981d: 198; Rio Mora 1985: 11; Thomas, J. B. 1966; Wood, S. L. 1982b: 1086. (**tx**) Blackman 1942a: 210; Bright 1981d: 198; Rio Mora 1985: 11; Wood, S. L. 1982b: 1086.

*climatus* Bright 1976c: 432. Holotype ♀; 85 km NW Oaxaca, Oaxaca, Mexico; CNCI, Ottawa. Synonymy: Wood 1982b: 1086.

References: (**ds**) Atkinson & Equihua 1988: 96; Bright 1981d: 196, 1986b: 683; Wood, S. L. 1982b: 1086. (**tx**) Bright 1976c: 432, 1981d: 196; McNamara 1984: 755; Wood, S. L. 1982b: 1086.

***subsimilans* Wood** 1989: 179. Holotype, sex?; Brasilien, Rio Caraguata, Matto Grosso; Schedl Collection in NHMW, Wien, automatic.

Distribution: South America (Brazil).

References: (**tx**) Wood, S. L. 1989: 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. 1982b: 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 1982b: 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: 198.

***suturalis* Eggers** 1932d: 291. Holotype, sex?; Congostaat (Haut-Uele: Yebo Moto); MRCB, Tervuren.

Distribution: Africa (Ghana/ Zaire).

Hosts: *Bussea 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.
*granulipennis* 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, 1977b: 112, 1979c: 112.
*granulicauda* 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.

***thamnus* Bright** 1985a: 470. Holotype ♀; Mexico: Pachuca, Edo. Hidalgo; CNCI, Ottawa.
Distribution: North America (Hidalgo in Mexico).
Hosts: *Alnzaania 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 (? *Oreopanax nubigenus*).
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/ Zaire).
Hosts: *Carapa grandiflora*, *C. procera*, *Khaya ivorensis*, *Parinari holstii*.
Notes: (1) Schedl 1979: 253 (citation of holotype invalid).
References: (**ec**) 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: (**en**) Lindgren 1980a: 69. (**hb**) Bright & Stark 1973: 105; Lindgren 1980a: 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 Nahun, 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 Ruette 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: *Fransceria* sp., probably *deltoidea*.
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 im 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; Kinelski 1958: 74. (**en**) Esterberg 1959; Juutinen 1960: 8; Kangas 1980a; Kontkanen 1932: 61; Kozikowsky 1929: 253; Wardle 1929: 322. (**ec**) Kangas 1946b: 23; Karpinski 1932a: 103; Lundberg 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; Butovitsch & 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; Kleffbeck & Sjoberg 1960: 230; Kleine 1934a: 161; Kontkanen 1932: 611; Krivolutskaya 1983; Kurenzov 1967; Lindberg & Saris 1952: 59; Lundberg 1981: 151; Nunberg 1938: 126, 1954: 71, 1960b: 158–159; Nuorteva 1971: 67; Pfeffer 1935: 158, 1976: 340; Postner 1974: 435; Stark 1931a: 26, 1931d: 548, 1952: 355; Yanovskii & Tegshzhargal 1985: 410; Zinovjev 1955: 187. (**tx**) Grune 1979: 121; Jansson 1936: 220; Karpinski & Strawinski 1948: 156; Nunberg 1938: 126, 1954: 71; Pfeffer 1927: 111–112, 1940b: 109, 112, 121, 1955a: 21, 1976: 340; Postner 1974: 435; Schedl 1934f: 1643; Sokanovskii 1929: 670–672, 1960: 677; Spessivtsev 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**) Kozikowsky 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. 1982b: 1041. (**tx**) Bright 1978: 83, 1981d: 208; McNamara 1984: 758; Wood, S. L. 1982b: 1041.

***trunculus* Bright** 1985a: 470. Holotype ♀; Mexico: Estacion de Biologia, Chamela, 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 1978: 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 (redescribed), p. 94 (aberration named as var. *australis*, nomen nudum, no status). Bright 1981d: 153 (treated as a subspecies of *pulchellus* 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. (**ec**) Blackman 1931c; Powell, J. M., Wong, & Melvin 1972: 15. (**hb**) Blackman 1931c; Bright & Stark 1973: 112; Chamberlin 1939: 384, 1958: 153; Doane et al. 1936; Keen 1929: 53; Lindgren 1980a: 69; Swaine 1918a: 96, 99. (**ds**) Atkinson & Equihua 1985c: 360, 1988: 98; Blatchley & Leng 1916: 635; Bright 1976d: 184, 1981d: 152; Bright & Stark 1973: 112; Chamberlin 1925, 1939: 384, 1958: 153; Elias 1982a, 1982b, 1983; Evans, D., Lowe, & Hunt 1978; Gast et al. 1989: 385; 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, 1958: 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 Ruette 1970: 112; Schedl 1935d: 91, 1938a: 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. coulteri*, *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.

***vespertinus* Bright** 1978: 83. Holotype ♀; 37 km W Durango, Durango, Mexico; Wood Collection.
Distribution: North America (Durango in Mexico).
Hosts: *Pinus* sp.
References: (**ds**) Atkinson & Equihua 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 Potosi, 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: 758; 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; Deyrup 1961b: 8; Kleine 1934a: 162; Leng & Mutchler 1933: 52; Wood, S. L. 1948: 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 Ruette 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 Ruette 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: Pachuca, 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 cembroides*, *P. ponderosa*.
References: (**ds**) Bright 1981d: 299; Wood, S. L. 1982b: 1111. (**tx**) Bright 1976c: 443, 1981d: 299; Wood, S. L. 1982b: 1111.

## Corthylini: Corthylina

Corthyli
References: LeConte 1876: 346–347.

Corthylina
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 corthyloides* 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.

*Ancyloderes* 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, 1939h: 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 ♂; Totonicipan, 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 Ruette 1970: 101; Wood, S. L. 1967d: 45–46, 1982b: 1158.

***denticulatus* Blackman** 1931b: 270. Holotype ♀; Cloudcroft, 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. (**ec**) 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 1883: 44, 1906: 175, 1907: 188; 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 Ruette 1970: 101; Wood, S. L. 1967d: 48–49, 1982b: 1164.

***materiarius* (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 1988; Baker, W. L. 1972: 268; Barr, B. A. 1969: 641; Clemens 1916; Dixon & Payne 1979b; Grune 1979: 123; Luitjes 1976; Turnbow & Franklin 1980. (**cn**) Anonymous 1962m; Balch 1945; Beal et al. 1952; Becker, W. D. 1955d, 1959b: 173–174, 1962, 1964c, 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; Garman 1905: 69; Gause 1968: 454–456; Grandi 1951; Herrick 1935: 138; 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. (**ec**) Batra 1963a: 481–487, 1963b: 216; Batra & Michie 1963: 477; Chamberlin 1939: 327–328; Dixon & Payne 1979b; Felt 1906: 371; Hines, J. W. & Heikkenen 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: 138; 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**) Anonymous 1926c: 518, 1962m; Atkinson et al. 1991: 162; Bain 1974: 15; Baker, W. L. 1972: 268; Balachowsky 1949b; Beal & Massey 1945: 120–121; Beaulne 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: 2688; Glick 1939: 37; Grune 1979: 123; Hagedorn 1910d: 96; Hamilton 1895a: 346, 378; Harde 1967; Henshaw 1885: 147;

Hoffmann 1956: 91; Hopkins 1893a: 128, 1893b: 208, 1902c: 14; Houghton 1905; Howden & Vogt 1951; Hubbard & Schwarz 1878a: 665; Jablokoff 1953: 325; Joly 1968, 1976; Kamp 1979; Kirk 1970; Kleine 1913b: 158, 1914b: 393, 1934a: 171; Leng 1920: 340; Leonard 1928: 518; Lucht 1987: 278; MacGillivray, A. & Houghton 1902; Menier 1972; Morgan, Anne, Morgan, & Elias 1985: 1821; Ostmark 1968; Postner 1974: 437; Proctor 1946: 207; Provancher 1877: 566; Rodary 1959: 850; Saint-Albin 1949: 2; Schedl 1966d: 118, 1981b: 79; Schiender 1985; Schiender & Niedersaechs 1985; Schwarz 1878d: 468, 1886: 40, 44, 1888a: 80; Smith, J. B. 1910: 401; Swaine 1909: 108, 1911b: 85; Turnbow & Franklin 1980; Ulke 1902: 56; Wichmann 1955a: 93, 103; Wickham 1896a: 309, 1896c: 168; Wolcott & Montgomery 1933: 165; Wood, S. L. 1977a: 70, 1982b: 1160. (**tx**) Balachowsky 1948: 140, 1949a: 242; Beal & Maasey 1945: 120–121; Benoit 1985: 119; Blackman 1922b: 95–96, 1931b: 264–268; 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 1858: 726; Goyer 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: 148; LeConte 1868: 155, 1876: 350, 1878a: 468; Lucht 1987: 278; Postner 1974: 437; Provancher 1877: 566; Schedl 1931a: 6–7, 1981b: 79; Schwarz 1886: 40, 44; Swaine 1909: 108–109, 1918a: 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. Syntypes, sex?; Carolina [USA]; Hamburg Museum, lost. Synonymy: Eichhoff 1878b: 406.
References: (**ay**) Schedl 1931a: 7. (**ds**) Leng 1920: 340; Swaine 1909: 108. (**tx**) Blackman 1931b: 264–268; Eichhoff 1869a: 275, 1878b: 406; Hopkins 1914: 122; LeConte 1876: 350; Schedl 1931a: 7; Swaine 1909: 108, 1918a: 91.

*duprezi* Hoffmann 1936: 43. Holotype ♀; Foret du Rouvay, Seine-Inferieure, France; MNHN, Paris. Synonymy: Balachowsky 1949a: 242.
References: (**ds**) Duprez 1938a; Hoffmann 1936; Sainte-Claire & Mequignon 1938: 449. (**tx**) Balachowsky 1948: 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 & Equihua 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 & Equihua 1985a: 99, 1985c: 361, 1988: 90; Blackwelder 1947: 782; Ferrer 1942; Hagedorn 1910d: 97; Kleine 1913b: 158, 1914b: 354, 1934a: 171; Wood, S. L. 1982b: 1161. (**tx**) Blackman 1931b: 266; Hagedorn 1910a: 147; Hopkins 1905b: 72; Schedl 1940a: 348, 1948f: 268, 1979c: 169; Thomas, J. B. 1967.

***obscurus* Wood** 1974a: 55. Holotype ♀; 9 km NE Teziutlan, 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: *Oreopanax nubigenus*.
References: (**hb**) Wood, S. L. 1982b: 1165. (**ds**) Atkinson & Equihua 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. pseudostrobus*, *P.* spp.
References: (**hb**) Atkinson et al. 1986: 49; Burgos & Saucedo 1984: 129; Wood, S. L. 1982b: 1162. (**ds**) Atkinson & Equihua 1985a: 99, 1985c: 361; Atkinson et al. 1986: 49; Burgos & Saucedo 1984: 129; Furniss, R. L. & Carolin 1977: 382; Schedl 1977e: 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 (redescribed, cited in *Ancyloderes*).
References: (**cn**) Swaine 1918a: 94. (**hb**) Bright &

Stark 1973: 116; Chamberlin 1939: 324–325; Swaine 1918a: 94. (**ds**) Blackwelder 1939; Bright & Stark 1973: 116; Chamberlin 1939: 324–325; Gemminger & Harold 1872: 2688; Hagedorn 1910d: 73; Henshaw 1882: 268, 1885: 147; Keen 1929c: 34; Kleine 1914b: 391; Leng 1920: 340; Snow 1906: 175; Swaine 1909: 136; Wood, S. L. 1982b: 1160. (**tx**) Blackman 1921: 148, 1931a: 225, 1938a: 205–206; Chamberlin 1939: 324–325; Hagedorn 1910a: 101; Keen 1929: 34; LeConte 1868: 154, 156, 1876: 351; Swaine 1909: 136, 1918a: 94; Wood, S. L. 1966b: 18–21, 1982b: 1162.

*saltoni* Blackman 1938a: 206. Holotype, sex?; Flagstaff, Arizona [USA]; USNM, Washington. Synonymy: Wood 1966b: 21.

References: (**ds**) Blackwelder 1939; Chamberlin 1939: 325. (**tx**) Blackman 1938a: 206; Chamberlin 1939: 325; Wood, S. L. 1966b: 21.

***primus* (Bright)** 1972c: 1678 (*Prognathotrichus*). Holotype ♂; Mt. Tzontehuitz, Chiapas, Mexico; CNCI, Ottawa.

Figures: Bright 1972c: 1678.

Distribution: North America (Chiapas in Mexico).

Hosts: Probably *Quercus* sp.

References: (**ds**) Wood, S. L. 1982b: 1158. (**tx**) Bright 1972c: 1678; McNamara 1977: 198; Wood, S. L. 1973c: 172, 1982b: 1158.

***retusus* (LeConte)** 1868: 155 (*Cryphalus*). Lectotype ♀; California [USA]; MCZ, Cambridge, designated by Wood 1982b: 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 1984; Borden, Lindgren, & Chong 1980; Borden & McLean 1979; Borden et al. 1980, 1981; Buttrick 1912: 457; Chapman 1963: 675, 1966: 54; Inscoe 1982; Jacobson 1965, 1972; Johnston, B. D. & Slessor 1979; Klassen, Ridgway, & Inscoe 1982; Lindgren 1983; Lindgren et al. 1982, 1983; Liu & McLean 1989; Moeck, Wood, & Lindahl 1981; Nijholt 1980; Ohmart & Voigt 1982: 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 1983: 3, 1985; Zhong & Schowalter 1989. (**cn**) Chamberlin 1924, 1939: 328–329; Essig 1926: 519, 1958: 519; Fall & Cockerell 1907: 217; Felt 1906: 752; Graham 1953; Gray & Borden 1985; Hatch 1938: 194; Hopkins 1902: 14, 1904a: 15; Johnson 1958a: 508; Keen 1929c: 56, 1938: 146; Lindgren 1980a: 63, 1983; Lindgren & Borden 1983; Lindgren et al. 1983; McLean & Borden 1977b; McMullan 1956: 34; Molnar et al. 1969: 117, 1970: 104; Molnar, Ross, & Fiddick 1971: 81; Nijholt 1978a: 1980; Prebble 1944: 50, 1954: 220; Prebble & Graham 1957: 90–112; Ruppel 1967: 47; Shore 1985; Shore & McLean 1985; Silver & Ross 1958: 79, 1960: 98; Stevens, Brewer, & Leatherman 1980: 27; Swaine 1914: 33, 37, 40, 1918a: 90, 91. (**ec**) Borden et al. 1981; Chamberlin 1918a, 1939: 328–329; Chatelain & Schenk 1983; Deyrup & Gara 1978: 274; Farris 1963; Farris & Funk 1965: 527; Felt 1906: 751; Keen 1938:146; McLean & Borden 1977; Nakashima 1975: 4; Nijholt 1980, 1981; Ohmart & Voigt 1982: 340; Otvos 1977; Roeper & French 1981; Rudinsky & Schneider 1969a; Schneider 1976; Shore 1985; Steinhaus 1946: 404; Stephen & Dahlsten 1976b: 292. (**hb**) Blandford 1894b; Bright & Stark 1973: 117; Chamberlin 1939: 328–329, 1958; Essig 1926: 519, 1958: 519; Felt 1906: 751; Gast et al. 1989: 385; Hopkins 1894g, 1904a: 15; Johnson 1958a: 508, 1958b: 237; Keen 1929c: 56, 1938: 146; Kimmey 1943: 22; Lindgren 1980a: 63; Nijholt 1978a; Rudinsky & Schneider 1969a; Shore 1985; Stevens, Brewer, & Leatherman 1980: 27; Swaine 1918a: 90–91. (**ds**) Blandford 1894b; Bright 1976d: 176; Bright & Stark 1973: 117; Chamberlin 1917: 325, 1918a: 39, 1925, 1939: 328–329, 1958: 138–139; Chapman 1963: 675; Cockerell et al. 1907; Essig 1926: 519, 1958: 519; Evans, D. 1983: 32, 1985; Furniss, M. M. & Furniss 1972; Furniss, R. L. & Carolin 1977: 381; Gemminger & Harold 1872: 2689; Hagedorn 1910d: 97; Henshaw 1882: 268, 1885: 147; Hopkins 1893a: 128, 1893b: 208, 1894: 277; Hopping 1922; Keen 1929a: 35, 1929c: 56–57, 1938: 146, 1949a: 93; Kleine 1913b: 158, 1914b: 399, 1934a: 171; Lange 1937: 174; Leng 1920: 340; Marchant & Borden 1976; McComb et al. 1953: 4; Miller, S. E. 1983: 99; Murayama 1957a: 37; Nijholt 1980; Ohmart & Voigt 1982: 340; Patterson & Hatch 1945: 152; Rudinsky & Schneider 1969a: 1248–1255; Ruppel 1967: 47; Schedl 1972a: 144; Shore 1985; Smith, G. S. 1930; Swaine 1909: 108, 1914: 33; Wickham 1896a: 309; Wood, S. L. 1951a: 128, 1972a: 428, 1977d: 512, 1982b: 1163. (**tx**) Blackman 1931b: 270–271; Blandford 1894b; Bright 1976d: 176; Chamberlin 1939: 328–329, 1958: 138–139; Eichhoff 1878b: 407, 511; Evans, D. 1983: 32; Hagedorn 1910a: 147; Hopkins 1905b: 73; Johnson 1958b: 237; Keen 1929a: 35; LeConte 1868: 155, 1876: 350; Schedl 1931a: 11, 1938a: 160, 164; Swaine 1909: 108, 1918a: 90–91; Thomas, J. B. 1967; Wood, S. L. 1972a: 428,

1982b: 1163. (**ms**) Hatch 1938: 194; Johnston, B. D. & Slesson 1979; Lindgren B. et al. 1982; 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 *alniphagus* 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 1938: 194; Keen 1938: 146; Kinghorn 1957b: 213; Ruppel 1967: 47. (**cc**) Chamberlin 1939: 330; Keen 1938: 146. (**hb**) Chamberlin 1939: 330, 1958: 139; Keen 1938: 146. (**ds**) Chamberlin 1939: 330, 1958: 139; Furniss, R. L. & Carolin 1977: 382; Keen 1938: 146; Leng & Mutchler 1933: 94; Patterson & Hatch 1945: 152; Ruppel 1967: 47. (**tx**) Blackman 1931b: 271; Chamberlin 1939: 330, 1958: 139; Schedl 1979c: 16; Wood, S. L. 1977d: 512.

***sulcatus* (LeConte)** 1868: 155 (*Cryphalus*). Holotype ♀; middle California [USA]; MCZ, Cambridge.

Figures: Atkinson et al. 1986: 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 (redescribed).

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, Hrutfiord, & Gara 1970: 1014–1015; Chapman 1966: 55; Gagne & Kearby 1978: 1012; Grossman 1988: 9; Inscoe 1982; Inscoe & Beroza 1976: 147; Jacobson 1965, 1972; Johnson 1960b: 4; Johnson, Wright, & Orr 1961: 8; Kinghorn & Chapman 1957: 48; Klassen, Ridgeway, & Inscoe 1982; Lindgren 1983, 1984; Lindgren et al. 1983; Lin & 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: 1248–1255; Schneider & Rudinsky 1969a: 995–1003, 1969b: 27–39; Schuler & Slessor 1977; Shore & McLean 1983; Silverstein 1974; Silverstein & Young 1976: 20; Wood, D. L. 1978, 1979a, 1980b; Wright, R. H. 1974: 134; Zanuncio 1981b, 1983; Zhong & Schowalter 1989. (**cn**) Atkins 1976; Boocock 1959d; Boyce 1929; Buttrick 1912: 457; Chamberlin 1918: 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 1938: 194; Hopkins 1902c: 14, 1904a: 15; Hopping & Jenkins 1933: 1–14; Janssen 1958: 10–14; Jardine 1969: 48; Johnson 1958a: 508; Keen 1929c: 56, 1938: 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 1978a,1980; Ostaff 1974; Payne & Wood 1981: 492; Prebble 1944: 50, 1954: 220; Roelofs 1978; Rudinsky, Terriere, & Allen 1960: 949; Ruppel 1967: 47; Schuder 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. (**cc**) 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 1938: 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 & Equihua 1985a: 100; Atkinson et al. 1986: 49; Becker, G. 1953, 1955; Bright 1976d: 174; Bright & Stark 1973: 118; Burgos & Saucedo 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 1958a: 508–511, 1958b: 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 1918a: 91; Thatcher, T. O. 1983; Zanuncio 1981b, 1983. (**ds**) Atkinson & Equihua 1985a: 100, 1985c: 361, 1988: 90; Atkinson et al. 1986: 49; Bain 1974: 15; Becker, G. 1953; Blackwelder 1947: 782; Bright 1976d: 174; Bright & Stark 1973: 118; Burgos & Saucedo 1983: 130; Chamberlin 1917: 325, 1918a, 1925, 1939: 331–332, 1958: 139–140; Choo & Woo 1983; Cockerell et al. 1907; Currie 1905: 70; DeLeon 1952; Dominguez & Carrillo 1976: 141; Essig 1926: 519, 1958: 519; Evans, D. 1983; Fall & Cockerell 1907: 217; Furniss, M. M. 1978; Furniss, R. L. & Carolin 1977: 381; 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. 1982b: 1164. (**tx**) Atkinson et al. 1986: 48; Blackman 1931b: 274–275; Bright 1976d: 174; Bright & Stark 1973: 163; Chamberlin 1939: 331–332, 1958: 139–140; Eichhoff 1878b: 408, 512; Evans, D. 1983: 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 1985; Swaine 1909: 109–110, 1918a: 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 ♀; Cloudcroft, New Mexico [USA]; USNM, Washington. Synonymy: Wood 1977c: 513.
References: (**cn**) Blackman 1931c; Doane et al. 1936; Keen 1938: 146; Schuder 1969: 74. (**ec**) 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, 1979c: 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.

*Gnathominus* Schedl 1975d: 12. Type-species: *Gnathominus 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: 558; 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 ♀; Purulha, Baja Verapaz, Guatemala; BMNH, London, designated by Wood 1982b: 1168.
Distribution: North America (El Salvador/ Guatemala/ Veracruz in Mexico).
Hosts: *Inga* sp., *Quercus* sp.
Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*).
References: (**ds**) Blackwelder 1947: 782; 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 1984b: 225 (to *Gnathotrupes*).
References: (**ay**) Naumann-Etienne 1978b. (**hb**) Naumann-Etienne 1978b. (**ds**) Naumann-Etienne 1978b. (**tx**) Schedl 1975d: 11, 1975k: 13, 1979c: 50; Wood, S. L. 1984b: 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.

***cirratus* 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** 1989: 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. 1989: 181.

***consobrinus* (Eichhoff)** 1878b: 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: 782; Hagedorn 1910d: 96; Kleine 1914b: 332; Schedl 1972d: 151. (**tx**) Blackman 1931b: 266; Eichhoff 1878b: 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, Ternas 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 1980c: 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 Puyuhuapi; 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. Malalcahuello; Schedl Collection in NHMW, Wien.
Distribution: South America (Chile).
Notes: (1) Wood 1973c: 172 (to *Gnathotrupes*).
References: (**ds**) Schedl 1980c: 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 1984b: 16 (to *Gnathotrupes*).
References: (**ay**) Naumann-Etienne 1978b. (**hb**) Naumann-Etienne 1978b. (**ds**) Naumann-Etienne 1978b; Schedl 1980c: 160. (**tx**) Schedl 1975d: 17, 1979c: 122; Wood, S. L. 1984b: 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*). Syntypes, sex?; Cercanias de Santiago, Chile; not located.
Distribution: South America (Argentina/ Chile).
Hosts: *Nothofagus dombeyi*.
Notes: (1) Eichhoff 1878b: 408 (to *Gnathotrichus*), Wood 1973c: 172 (to *Gnathotrupes*).

Schedl 1972d: 150 (*springer* Eggers, nomen nudum, synonymy).
References: (**ds**) Blackwelder 1947: 782; Bruch 1914a; Elgneta & Jackson 1987: 77; Gemminger & Harold 1872: 2686; Hagedorn 1910d: 96; Kleine 1913b: 161, 1914b: 332; Lacordaire 1866: 383; Schedl 1972d: 148. (**tx**) Blackman 1931b: 266; Blanchard 1851: 429; Eggers 1929e: 49; Eichhoff 1878b: 408; Gay 1852: 429; Hagedorn 1910a: 147; Lacordaire 1866: 383; Lucas 1920: 305; Porter 1932: 106; Schedl 1939h: 47, 1951m: 118, 1955e: 256, 1972d: 148; Wood, S. L. 1973c: 172.

*obnixus* Schedl 1939h: 47 (*Gnathotrichus*). Syntypes 2 ♀; Puerto Puyuhuapi, Süd-Chile; 1 in IPKE, Eberswalde, 1 in Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 173.
Notes: (1) Schedl 1979c: 175 (citation of holotype invalid). Wood 1973c: 172 (to *Gnathotrupes*).
References: (**ay**) Naumann-Etienne 1978b. (**hb**) Naumann-Etienne 1978b. (**ds**) Blackwelder 1947: 782; Naumann-Etienne 1978b; Schedl 1972d: 149, 1973d: 162, 1975d: 2, 1978c: 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 1989: 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 1978b. (**hb**) Naumann-Etienne 1978b. (**ds**) Hoganson & Ashworth 1982; Naumann-Etienne 1978b; 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 1989: 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 1989: 173.
References: (**ay**) Naumann-Etienne 1978b. (**hb**) Naumann-Etienne 1978b. (**ds**) Naumann-Etienne 1978b. (**tx**) Schedl 1975d: 6, 1979c: 64; Wood, S. L. 1989: 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 1978b. (**hb**) Naumann-Etienne 1978b. (**ds**) Naumann-Etienne 1978b; Schedl 1975d: 2. (**tx**) Schedl 1972d: 149, 1975d: 4, 1979c: 163; Wood, S. L. 1973c: 172.

***nanus* (Eichhoff)** 1878b: 410 (*Gnathotrichus*). Holotype ♀; America meridionalis (Chile); Hamburg Museum, lost.
Distribution: South America (Chile).
References: (**ds**) Hagedorn 1910d: 97. (**tx**) Blackman 1931b: 266; Eichhoff 1878b: 410; Hagedorn 1910a: 147; Schedl 1939k: 727; Wood, S. L. 1973c: 172.

***naumanni* (Schedl)** 1975d: 15 (*Gnathominus*). 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 1984b: 225 (to *Gnathotrupes*).
References: (**ay**) Naumann-Etienne 1978b. (**hb**) Naumann-Etienne 1978b. (**ds**) Naumann-Etienne 1978b. (**tx**) Schedl 1975d: 15–16, 1979c: 164; Wood, S. L. 1984b: 225.

***nectandrae* Wood** 1989: 181. Holotype ♂; La Carbonera Experimental Forest, 50 km W Merida, Merida, Venezuela; Wood Collection.
Distribution: South America (Venezuela).
Hosts: *Nectrandra* sp.
References: (**tx**) Wood, S. L. 1989: 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 1984b: 225 (to *Gnathotrupes*).
References: (**tx**) Schedl 1975d: 13, 1979c: 171; Wood, S. L. 1984b: 225.

***pauciconcavus* 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.

***terebratus* (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.

***relatus* 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 1970e: 101. Type-species: *Pterocyclonoides octodentatus* Schedl, monobasic. Synonymy: Wood 1984b: 228.
References: (**tx**) Schedl 1970e: 101–102; Wood, S. L. 1984b: 228.

Keys: Wood 1982b: 1170 for Central America.
References: (**ay**) Nobuchi 1969a: 68. (**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?; Caruaru, 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: (**ec**) Equihua & Atkinson 1986: 634. (**hb**) Atkinson & Equihua 1986a: 422; Equihua & Atkinson 1986: 634; Wood, S. L. 1982b: 1182. (**ds**) Atkinson & Equihua 1985c: 361, 1986a: 422, 1988: 102; Equihua & Atkinson 1986: 634, 1988: 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: 1178. (**ds**) Wood, S. L. 1982b: 1178. (**tx**) Wood, S. L. 1974a: 60, 1982b: 1178.

***frontalis* Wood** 1974a: 61. Holotype ♀; 8 km NE Teziutlan, Puebla, Mexico, 1600 m; Wood Collection.
Distribution: North Ameica (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 Ruette 1970: 114; Schedl 1950i: 170, 1979c107.

***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 & Equihua 1985c: 361; Wood, S. L. 1982b: 1174. (**ds**) Atkinson & Equihua 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: 58.

***minutissimus* Schedl** 1976a: 84. Holotype, sex?; Linhares, E. Santos [Brazil]; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**tx**) Schedl 1976a: 84.

***naevus* Wood** 1974a: 61. Holotype ♀; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
Figures: Wood 1982b: 1181 (declivity).
Distribution: North America (Costa Rica).
Hosts: *Phoebe mexicana*, *Werklia insignata*, and a liana.
References: (**hb**) Wood, S. L. 1982b: 1180. (**ds**) Wood, S. L. 1982b: 1180. (**tx**) Wood, S. L. 1974a: 61, 1982b: 1180.

***nodifer* Blandford** 1905: 287. Holotype, sex?; Mirandilla, Esquintla, Guatemala; BMNH, London.
Figures: Blandford 1905:pl. 9, Wood 1982b: 1174 (declivity).
Distribution: North America (Costa Rica/ Guatemala/ Veracruz? in Mexico).
Hosts: *Cecropia* sp. leaf petiole, and a tree branch.
References: (**hb**) Wood, S. L. 1982b: 1178. (**ds**) Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1178. (**tx**) Blandford 1905: 287; Eggers 1931b: 38; Hagedorn 1910a: 149; Wood, S. L. 1966b: 30, 1967c: 139, 1982b: 1178.
*triarmatus* Schedl 1939j: 578. Holotype, sex?; Colonia, vermutlich Mexico; Schedl Collection in NHMW, Wien. Synonymy: Wood 1966b: 30.
References: (**ds**) Blackwelder 1947: 783; Ferrer 1942. (**tx**) Schedl 1939j: 578, 1940a: 358; Wood, S. L. 1966b: 30.

***octodentatus* (Schedl)** 1970b: 102 (*Pterocyclonoides*). Holotype, sex?; Brasilien, Parana, Rondon; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**tx**) Schedl 1970b: 102.

***ovicollis* Blandford** 1905: 287. Holotype, sex?; Cerro Zimil, Quezaltenango, Guatemala; BMNH, London.
Figures: Wood 1982b: 1181 (declivity).
Distribution: North America (Costa Rica/ Puebla in Mexico/ Panama).
Hosts: *Miconia* sp., *Phoebe mexicana*, and a liana.
References: (**hb**) Wood, S. L. 1982b: 1180. (**ds**) Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1180. (**tx**) Blandford 1905: 287; Eggers 1937a: 87; Hagedorn 1910a: 149; Hopkins 1914: 131; Schedl 1939j: 579; Wood, S. L. 1982b: 1180–1183.

***parsus* Wood** 1974a: 59. Holotype ♂?; 15 km SE Cartago, Cartago, Costa Rica, 1800 m; Wood Collection.
Figures: Wood 1982b: 1174 (declivity).
Distribution: North America (Costa Rica).
Hosts: Liana.
References: (**hb**) Wood, S. L. 1982b: 1176. (**ds**) Wood, S. L. 1982b: 1176. (**tx**) Wood, S. L. 1974a: 59, 1982b: 1176.

***partilis* Wood** 1974a: 60. Holotype ♂; Volcan, Puntarenas, Costa Rica; Wood Collection.
Figures: Wood 1982b: 1174 (declivity).
Distribution: North America (Costa Rica).
Hosts: Tree branch.
References: (**hb**) Wood, S. L. 1982b: 1178. (**ds**) Wood, S. L. 1982b: 1178. (**tx**) Wood, S. L. 1974a: 60, 1982b: 1178.

***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. 1982b: 1183. (**ds**) Wood, S. L. 1982b: 1183. (**tx**) Wood, S. L. 1974a: 62, 1982b: 1183.

***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: 18, 1981c: 156, 1985c: 176. (**tx**) Bright 1981c: 156, 1985c: 176; Schedl 1950i: 170, 1979c: 188.
*ignotus* Bright 1972d: 99. Holotype ♀; Hardwar Gap, 4000′, St. Andrew Parish, Jamaica; CNCI, Ottawa. Synonymy: Bright 1985c: 176.
References: (**tx**) Bright 1972d: 59, 75, 95, 99, 1985c: 176.

***pernanulus* Schedl** 1939j: 581. Holotype, sex?; Sauda (Brasilien?); Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**ds**) Blackwelder 1947: 783; 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 1982b: 1181 (declivity).
Distribution: North America (Costa Rica/ Panama), South America (Brazil/ Venezuela).
Hosts: Tree branches and lianas.
References: (**hb**) Wood, S. L. 1982b: 1184. (**ds**) Wood, S. L. 1982b: 1184. (**tx**) de Ruette 1970: 114; Schedl 1954b: 40, 1979c: 196; Wood, S. L. 1982b: 1184.

***pumilio* Eggers** 1937a: 87. Holotype, sex?; Bolivien (Cochabamba); Eggers Collection, in NHMW, Wien.
Distribution: South America (Bolivia).
References: (**ds**) Blackwelder 1947: 783. (**tx**) Eggers 1937a: 87; Schedl 1939j: 580, 1939k: 726, 1979c: 204.

***ruficollis* (Fabricius)** 1801: 388 (*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: 388; Ferrari 1868: 255; Sharp 1879: 102. (**ms**) Eichhoff 1868d: 421.

***rufithorax* Wood** 1974a: 59. Holotype ♀; Finca Gromaco 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: *Crotolaria* 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: *Caliandra confusa*, *Siporana nicaraguensis*, etc.
References: (**hb**) Wood, S. L. 1982b: 1182. (**ds**) Blackwelder 1947: 783; Nunberg 1971: 58; Schedl 1966f: 91, 1973d: 161, 1978c: 291; Terra 1987: 27; Wood, S. L. 1982b: 1182. (**tx**) de Ruette 1970:114; Schedl 1939j: 580, 1979c: 225; Terra 1987: 27–28; Wood, S. L. 1982b: 1181–1183.

***simplicis* Wood** 1974a: 57. Holotype ♀; Palin, Esquintla, 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, 1970e: 85, 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: 783; Pedrosa-Macedo & Schonherr 1985: 55; Schedl 1973d: 161, 1976d: 4. (**tx**) Pedrosa-Macedo & Schonherr 1985: 55; Schedl 1939k: 726, 1979c: 242.

***unidentatus* 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. 1982b: 1193. (**tx**) Wood, S. L. 1976a: 349, 1982b: 1193.

***balteatus*** **Blandford** 1905: 291. Holotype, sex?; Cerro Zunil, 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. 1982b: 1201. (**ds**) Blackwelder 1947: 783; Hagedorn 1910d: 95; Kleine 1913b: 257, 1914b: 308; Wood, S. L. 1982b: 1201. (**tx**) Blandford 1905: 291; Hagedorn 1910a: 139; Wood, S. L. 1982b: 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: 783; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 368. (**tx**) Blandford 1905: 289, 292; Hagedorn 1910a: 139; Wood, S. L. 1982b: 201.

***bipunctatus*** **Eichhoff** 1878b: 469. Holotype, sex?; America meridionalis (Nova Granada); Hamburg Museum, lost.
Distribution: South America (Colombia).
References: (**ds**) Blackwelder 1947: 783; 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: 783. (**tx**) Eggers 1931b: 37–38.

***brevipennis*** **Blandford** 1905: 293. Holotype ♀?; San Isidro, Suchitepequez, Guatemala; BMNH, London.
Figures: Blandford 1905:pl. 9, Wood 1982b: 1191.
Distribution: North America (Costa Rica/ Guatemala).
Hosts: Tree branch.
References: (**hb**) Wood, S. L. 1982b: 1190. (**ds**) Blackwelder 1947: 783; Bright 1972a: 1385; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 368; Wood, S. L. 1982b: 1190. (**tx**) Blandford 1905: 293; Hagedorn 1910a: 139; Wood, S. L. 1982b: 1190–1191.

***brownei*** **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. 1981: 122.
*electus* Wood 1981: 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. 1981: 122.

***callosus*** **(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. 1982b: 1194. (**tx**) Schedl 1935h: 350–351, 1952a: 450, 1979c: 50; Wood, S. L. 1982b: 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. 1982b: 1200. (**ds**) Blackwelder 1947: 783; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1200. (**tx**) Blandford 1905: 294; Hagedorn 1910a: 139; Sampson 1912: 245; Wood, S. L. 1982b: 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 & Sancedo 1983: 132. (**ds**) Atkinson et al. 1986: 44; Burgos & Sancedo 1983: 132; Wood, S. L. 1982b: 1203. (**tx**) Bright 1972a: 1380; Atkinson et al. 1986: 43; Bright 1972a: 1377; McNamara 1977: 199; Wood, S. L. 1982b: 1203.

***dohrni*** **(Eichhoff)** 1878b: 461 (*Steganocranus*). Syntypes 2, 1 ♀; America meridionali; 1 lost 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: 783; 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: 783. (**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: 783. (**tx**) Eggers 1931a: 17, 1943a: 384; Schedl 1950i: 176, 1979c: 87.

*galeatus* (Eggers) 1943a: 384 (*Steganocranus*). Holotype ♀; Bolivia (Cochabamba); Eggers Collection, in NHMW, Wien. Synonymy: Schedl 1950i: 176.
References: (**tx**) Eggers 1943a: 384; 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: 783; 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, 1878b: 465; Hagedorn 1910a: 139; Schedl 1940a: 359; Wood, S. L. 1982b: 1191–1192.

***elegantulus* Schedl** 1963d: 225. Holotype, sex?; Brasilien: Matto Grosso, Rio Caraguata; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**tx**) Schedl 1963d: 225, 1979c: 88.

***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: 783; 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: 583, 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 & Equihua 1985c: 361. (**ds**) Atkinson & Equihua 1985c: 361; Blackwelder 1947: 783; 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: 783; Hagedorn 1910d: 95; Kleine 1913b: 157, 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: 383. Holotype, sex?; Bolivia (Cochabamba); USNM, Washington.
Distribution: South America (Bolivia).
References: (**tx**) Anderson, W. H. & Anderson 1971: 13; Eggers 1943a: 383.

***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: 783; 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: 783; Hagedorn 1910d: 95; Kleine 1913b: 157, 1914b: 368; 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: 783; 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: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1195. (**tx**) Blandford 1904: 272 Hagedorn 1910a: 149; Schedl 1935h: 348; 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 (*Anchonocerus*). 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 Punta, 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 11 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 Zunil, 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, Peruvia; 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.

***stenodermus* (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: (**ec**) 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; Nunberg 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 1838b: 107 (*Piezorhopalus*). 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: 48; Guerin-Meneville 1838b: 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: 1198. (**tx**) Wood, S. L. 1974a: 64, 1982b: 1198–1199.

***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: 783; Ferrer 1942; Hagedorn 1910d: 95; Kleine 1914b: 354; Wood, S. L. 1982b: 1201. (**tx**) Blandford 1905: 292; Hagedorn 1910a: 139; Schedl 1940a: 359; Wood, S. L. 1967d: 55, 1982b: 1201.

***truncatorus* Schedl** 1950i: 175. Syntypes ♂; Brazil, Nova Teutonia; Schedl Collection in NHMW, Wien, and Plannann Collection.
Distribution: South America (Brazil).
Notes: (1) Schedl 1979c: 257 (corrects spelling, citation of holotype invalid).
References: (**ds**) Schedl 1967d: 4; Wood, S. L. 1982b: 1201. (**tx**) Schedl 1950i: 175, 1979c: 256; Wood, S. L. 1982b: 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: 783; Wood, S. L. 1982b: 1198. (**tx**) Schedl 1934c: 37, 1979c: 262; Wood, S. L. 1982b: 1198.

***vagabundus* (Schedl)** 1966f: 124 (*Cosmocorynus*). Holotype ♀; Bolivien; Schedl Collection in NHMW, Wien.
Distribution: South America (Bolivia).
References: (**ds**) Schedl 1966f: 80. (**tx**) Schedl 1966f: 80, 124, 1979c: 263.

## Genus *Gnatharus* Wood & Yin

GNATHARUS WOOD & YIN 1986: 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. 1986a: 99. (**ds**) Wood, S. L. 1986a: 99. (**tx**) Wood, S. L. 1986a: 99; Wood, S. L. & Yin 1986: 463.

***tibetensis* Wood & Yin** 1986: 463. Holotype ♀; Medog, Xizang [Tibet], China; IZAS, Beijing.
Distribution: Asia (Xizang [Tibet] in China).
References: (**tx**) Wood, S. L. & Yin 1986: 463.

## Genus *Monarthrum* Kirsch

MONARTHRUM KIRSCH 1866: 213. Type-species: *Monarthrum chapuisi* Kirsch, monobasic.
*Corthylominus* 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.
*Cosmocorynus* Ferrari 1867a: 62. Type-species: *Cosmocorynus cristatus* Ferrari, monobasic. Synonymy: LeConte 1876: 348.
References: (**tx**) Eggers 1937a: 85; 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: 128, neotype designated for type-species by Wood 1966b: 25. Synonymy: Eichhoff 1869c: 299.
References: (**cn**) 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 1898c: 6, 1904: 268–286; Eggers 1935a: 75–77, 153; Eichhoff 1869a: 276, 1869c: 297–301, 1878b: 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 1878b: 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 1878b: 67, 431; Hagedorn 1910d: 95; Wood, S. L. 1977d: 512.
*Phthorius* Eichhoff 1878b: 67, 433. Type-species: *Pterocyclon ingens* Eichhoff, monobasic. Synonymy: Eggers 1935a: 329.
References: (**tx**) Eggers 1935a: 329; Eichhoff 1878b: 67, 433.
*Trypocranus* Eichhoff 1878b: 67, 435. Type-species: *Trypocranus cincinnatus* Eichhoff, monobasic. Synonymy: Wood 1982b: 1206.
References: Eichhoff 1878b: 67, 435; Eggers 1935a: 76, 329; Schedl 1952k: 161; Wood, S. L. 1982b: 1206.
*Eupteroxylon* Eggers 1936a: 392. Type-species: *Eupteroxylon comatum* Eggers, monobasic. Synonymy: Wood 1986a: 266.
References: (**tx**) Eggers 1936a: 392–393; Wood, S. L. 1986a: 266.
Keys: Blandford 1904: 269, Wood 1982b: 1207.
Notes: (3) Schedl 1939k: 726–727 (*Pterocyclon perduratum*, nomen nudum).
References: (**ay**) Nobuchi 1969a: 67. (**cn**) Ebeling & Pence 1953: 31; Howard 1897: 84–87; Hubbard 1897: 9–30; Snyder 1927: 1–46. (**hb**) Bright & Stark 1973: 94; Wood, S. L. 1982b: 1206, 1986a: 99. (**ds**) Bright & Stark 1973: 94; Swaine 1909: 142; Wood, S. L. 1982b: 1206, 1986a: 99. (**tx**) Arnett 1960: 1045, 1968: 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 (*Microcorthylus*). 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.

***appendicinum* (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 (*Corthylus*). 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 (*Corthylus*). 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.
*edentatus* Hagedorn 1903b: 549 (*Phthorius*). 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 1929e: 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.

***bidens* (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 Teziutlan, 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: 281 (*Pterocyclon*). Holotype ♂; Bugaba, Chiriqui, 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: 281; Hagedorn 1910a: 148; Schedl 1952a: 459; Wood, S. L. 1982b: 1221.

***boliviensis* Wood** 1989: 178. Holotype ♀; Bolivia, Yungas del Palmar, 2000 m; Schedl Collection in NHMW, Wien, automatic.
Distribution: South America (Bolivia).
References: (**tx**) Wood, S. L. 1989: 178.
*bolivianum* Schedl 1970e: 103 (*Cosmocoryuus*). Holotype ♀; Bolivia, Yungas del Palmar, 2000 m; Schedl Collection in NHMW, Wien, preoccupied by Eggers 1935.
References: (**tx**) Schedl 1970e: 103; Wood, S. L. 1989: 178.

***brasiliensis* (Schedl)** 1936i: 107 (*Anchonocerus*). Holotype ♂; Nova Teutonia, S. Catharina, Brasilien; Schedl Collection in NHMW, Wien.
Figures: Pedrosa-Macedo & Schonherr 1985: 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 1985: 57; Schedl 1966f: 92, 1967d: 4, 1972g: 46, 1976a: 56. (**tx**) Pedrosa-Macedo & Schonherr 1985: 57; Schedl 1936i: 107, 1951h: 285, 1952k: 161, 1959m: 553, 1979c: 44.

***brittoni* (Schedl)** 1970e: 101 (*Pterocyclon*). Holotype ♂; Jamaica: Corn Puss Gap, 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 Jose, 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 candata*, *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 (redescribed).
References: (**ds**) Blackwelder 1947: 783; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 92; Kleine 1914b: 342. (**tx**) Eggers 1929e: 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. 1989: 175.
*bolivianum* Eggers 1935a: 80. Holotype ♀; Bolivia (Cochabamba); USNM, Washington.
Synonymy: Wood 1989: 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. 1989: 175.

***cincinnatum* (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 Chiriqui, 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: 348, 1979c: 202; Wood, S. L. 1974d: 284.

***conversum* Wood** 1974b: 138. 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. 1982b: 1236. (**ds**) Atkinson & Equihua 1985c: 362; Wood, S. L. 1982b: 1236. (**tx**) Wood, S. L. 1974b: 138, 1982b: 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. 1982b: 1245. (**ds**) Wood, S. L. 1982b: 1245. (**tx**) Wood, S. L. 1974b: 146, 1982b: 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. 1982b: 1223. (**ds**) Blackwelder 1947: 782; Hagedorn 1910d: 92; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1223. (**tx**) Blandford 1904: 279; Hagedorn 1910a: 148; Schedl 1935h: 349, 1952a: 460; Wood, S. L. 1982b: 1223.

***cordicticum* 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. 1982b: 1222. (**ds**) Atkinson & Equihua 1988: 92; Wood, S. L. 1982b: 1222. (**tx**) Wood, S. L. 1974b: 135, 1982b: 1222.

***costatum* (Eggers)** 1937a: 85 (*Brachyspartus*). Syntypes, sex?; Brasilien (Bahia); BMNH, London.
Distribution: South America (Brazil).
References: (**ds**) Blackwelder 1947: 784. (**tx**) Anderson, W. H. & Anderson 1971: 10; Eggers 1937a: 85–86; Schedl 1979c: 67.

***cristatum* (Ferrari)** 1867a: 64 (*Cosmocoryuus*). Holotype ♀; Venezuela [presumably Colonia Tovar]; NHMW, Wien.
Distribution: South America (Venezuela).
References: (**ds**) Gemminger & Harold 1872: 2693. (**tx**) Eggers 1937a: 84–85; 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** 1989: 178. Holotype ♂; Bolivien (Cochabamba); USNM, Washington, automatic.
Distribution: South America (Bolivia).
References: (**tx**) Wood, S. L. 1989: 178.
*dentatum* Eggers 1935a: 84. Holotype ♂; Bolivien (Cochabamba); USNM, Washington, preoccupied by Eggers 1931.
References: (**ds**) Blackwelder 1947: 783; Schedl 1970e: 91; Wood, S. L. 1982b: 1216. (**tx**) Anderson, W. H. & Anderson 1971: 11; Eggers 1935a: 84; Schedl 1970e: 97, 1979c: 77; Wood, S. L. 1982b: 1216, 1989: 178.

***dentatum* (Eggers)** 1931a: 19 (*Amphicranus*). Holotype ♂; Mineral del Chico, Hidalgo, Mexico; MNB, Berlin.
Distribution: Antilles Islands (Guadeloupe), North America (Hidalgo in Mexico).
References: (**ds**) Blackwelder 1947: 783; Schedl 1970e: 91. (**tx**) Eggers 1931a: 19; Schedl 1940a: 359; Wood, S. L. 1982b: 1216.

***denticulatum* Wood** 1981: 122. Holotype ♂; Guadeloupe (Trois Rivieres); Eggers Collection, in NHMW, Wien, automatic.
Distribution: Antilles Islands (Guadeloupe).
References: (**ds**) Bright 1985c: 176. (**tx**) Bright 1985c: 176; Wood, S. L. 1981: 122.
*dentatum* Eggers 1941a: 101 (*Pterocyclon*). Holotype ♂; Guadeloupe (Trois Rivieres); 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-Grosmann 1956b. (**cn**) Chamberlin 1939: 281; Doane & Gilliland 1929: 918–920; Doane et al. 1936; Keen 1938: 147; Linsley & MacLeod 1942: 601; Michelbacher & Ortega 1958: 62; Swaine 1918a: 86. (**ec**) Chamberlin 1939: 281; Francke-Grosmann 1956b; Keen 1938: 147; Slaby 1947: 377; Steinhaus 1946: 404; Webb 1945: 65. (**hb**) Bright & Stark 1973: 95; Chamberlin 1939: 281; Chittenden 1893a: 393; Doane & Gilliland 1929; Doane et al. 1936; Keen 1938: 147; Swaine 1918a: 86; Wood, S. L. 1982b: 1229. (**ds**) Bright & Stark 1973: 95; Chamberlin 1939: 281, 1958: 128; Furniss, R. L. & Carolin 1977: 398; Gemminger & Harold 1872: 2693; Hagedorn 1910d: 92; Henshaw 1882: 268, 1885: 147; Keen 1929a: 28, 1938: 147; Kleine 1913b: 157, 1914b: 391, 1934a: 171; Leng 1920: 339; Patterson & Hatch 1945: 152; Rivers 1886: 66; Swaine 1909: 142; Wood, S. L. 1959a: 62, 1972a: 428, 1982b: 1229. (**tx**) Bright & Stark 1973: 163; Chamberlin 1939: 281; Eichhoff 1878b: 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 & Equihua 1985a: 101; Atkinson et al. 1986: 49; Burgos & Sancedo 1983: 136; Wood, S. L. 1982b: 1238. (**ds**) Atkinson & Equihua 1985a: 101, 1985c: 362; Atkinson et al. 1986: 49; Burgos & Sancedo 1983: 136; Wood, S. L. 1982b: 1238. (**tx**) Wood, S. L. 1967d: 46, 52, 1982b: 1238.

***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*). Syntypes, 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: 2680; 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?; Caruaru, 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.

***egenum* (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 & Equihua 1985c: 361; Wood, S. L. 1982b: 1226. (**ds**) Atkinson & Equihua 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 1935h: 347, 1939e: 68, 1939k: 726, 1940c: 208, 1950i: 167; Wood, S. L. 1974d: 284, 1982b: 1226.
*bisetosus* Schedl 1954b: 38 (*Brachyspartus*). Lectotype ♀; Rio Caragnata, Matto Grosso, Brazil; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 41. Synonymy: Wood 1974d: 284.
References: (**tx**) de Ruette 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*). Syntypes 2 ♂; Argentina, Misiones, Dep. Concep., Sta. Maria; 1 in Schedl Collection in NHMW, Wien, and 1 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/ Veracruz 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, sex?; 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, Connecticut, District of Columbia, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Michigan, Mississippi, Missouri, New Jersey, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Texas, Virginia, West Virginia, Wisconsin in USA).

Hosts: *Acer rubrum*, *Carya* spp., *Castanea dentata*, *Liquidambar styraciflua*, *Mimosa* sp., *Nyosa* 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 1988; 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; Garman 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; Verrall 1943: 135–137, 142–143; Webb 1945: 68; Wertz, Skelly, & Merrill 1971. (**hb**) Atkinson, Foltz, & Connor 1988; 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**) Anonymous 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: 8; Deyrup & Atkinson 1987a: 66; Dodge 1938; Dolphin, Mouzin, & Cleveland 1972: 1600; Drooz 1985: 370; Frost & Dietrich 1929; Gagne & Kearby 1978: 1013; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 92; Hamilton 1895a: 346, 378; 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*). Syntypes, sex?; 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, 1918a: 86.

*gracile* Eichhoff 1878b: 444 (*Pterocyclon*). Syntypes, sex?; Tennessee, Pennsylvania, Carolina [USA]; Hamburg Museum, lost. Synonymy: Eichhoff 1878b: 444.
References: (**ds**) Hagedorn 1910d: 93; Kleine 1913b: 157, 1914b: 393; Leng 1920: 339; Swaine 1909: 142. (**tx**) Eichhoff 1878b: 444; Hagedorn 1910a: 148; Swaine 1909: 142.

***fastigiorum* Wood** 1974b: 141. Holotype ♀; 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 ♀; Bolivien (Cochabamba); MNHN, Paris.
Distribution: South America (Bolivia).
References: (**ds**) Blackwelder 1947: 783. (**tx**) Eggers 1935a: 85, 1979c: 95.

***ferrarii* (Blandford)** 1905: 284 (*Pterocyclon*). Holotype ♀; Volcan de Chiriqui, Panama; BMNH, London.
Figures: Blandford 1905:pl. 8.
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 ♀; Purula, Alta Verapaz, Guatemala; BMNH, London.
Figures: Blandford 1905:pl. 8.
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 & Equihua 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 ♂; Cordoba, Veracruz, Mexico; CAS, 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 ♀; 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 ♂; Ecuador: Quito; UZMC, Copenhagen.
Distribution: South America (Ecuador).
References: (**tx**) Schedl 1971f: 153, 1979c: 101.

***gibber* (Schedl)** 1952a: 460 (*Pterocyclon*). Holotype ♀; Argentina, Conception; 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?; 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 ♀; 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 ♀; 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 ♂; 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?; 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 ♂; 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 ♂; 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, 1382; McNamara 1977: 196; Wood, S. L. 1982b: 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.

***hoegei* (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. 1982b: 1225. (**ds**) Blackwelder 1947: 783; Ferrer 1942; Hagedorn 1910d: 93; Kleine 1913b: 157, 1914b: 353; Wood, S. L. 1982b: 1225. (**tx**) Blandford 1904: 274; Hagedorn 1910a: 148; Schedl 1940a: 359; Wood, S. L. 1982b: 1225.

*oaxacaensis* Bright 1972a: 1382. Holotype ♂; 51 km S Valle Nacional, Oaxaca, Mexico; CNCI, Ottawa. Synonymy: Wood 1982b: 1225.
References: (**tx**) Bright 1972a: 1377, 1382; McNamara 1977: 196; Wood, S. L. 1982b: 1225.

***huachucae* Wood** 1959a: 61. Holotype ♂; Miller Canyon, Huachuca Mts., Arizona [USA]; USNM, Washington.
Distribution: North America (Arizona in USA).
Hosts: *Quercus hypoleucoides*.
References: (**ds**) Furniss, R. L. & Carolin 1977: 398; Wood, S. L. 1959a: 61, 1982b: 1217. (**tx**) Wood, S. L. 1959a: 61, 1982b: 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. 1982b: 1244. (**tx**) Wood, S. L. 1974b: 145, 1982b: 1244.

***ingens* (Eichhoff)** 1869a: 278 (*Pterocyclon*). Holotype, sex?; Columbia; IRSNB, Brussels.
Distribution: South America (Colombia/ Peru).
References: (**ds**) Blackwelder 1947: 783; Gemminger & Harold 1872: 2680; Kleine 1913b: 158, 1914b: 342. (**tx**) Eggers 1935a: 329–334; Eichhoff 1869a: 278–279, 1869c: 301, 1878b: 433; Hopkins 1914: 127; Lucas 1920: 507. (**ms**) Lucas 1920: 507.

*rufipes* Eichhoff 1878b: 431 (*Anchonocerus*). 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.

*assequens* Schedl 1978c: 302 (*Pterocyclon*). Holotype, sex?; Peru, Dep. Cuzco, Marcapata-Thal, Nbfl. d. Madre de Dios, 3000 m; Schedl Collection in NHMW, Wien. Synonymy: Wood 1989: 175.
References: (**tx**) Schedl 1978c: 302; Wood, S. L. 1989: 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. 1982b: 1240. (**tx**) Wood, S. L. 1974b: 141, 1982b: 1240.

***insolitum* (Schedl)** 1976a: 83 (*Pterocyclon*). Holotype, sex?; Brazil: Manaus, Amazonas; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**tx**) Schedl 1976a: 83.

***intermedium* Schedl** 1970e: 105. Holotype ♀; Bolivien, Jungas, de Arepucho, Chacisacho, ca 1500 m; ZSSM, Munchen.
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: 148; Schedl 1939j: 574, 1972g: 46.

***laterale* (Eichhoff)** 1869a: 278 (*Pterocyclon*). Holotype ♂; Mexico; Hamburg Museum, lost, neotype: Toxpam, 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. 1982b: 1231. (**ds**) Atkinson et al. 1986: 50; Blackwelder 1947: 783; Blandford 1905: 281; Burgos & Saucedo 1983: 134; Ferrer 1942; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 93; Kleine 1913b: 157, 1914b: 353, 367; Wood, S. L. 1982b: 1231. (**tx**) Atkinson et al. 1986: 48; Blandford 1905: 281; Eggers 1929c: 51; Eichhoff 1869a: 278, 1869c: 301, 1878b: 439; Hagedorn 1910a: 148; Hopkins 1914: 128; Schedl 1935h: 351, 1936i: 108, 1940a: 359; Wood, S. L. 1966b: 25, 1982b: 1231.

*trifasciatus* Schedl 1950i: 173 (*Cosmocorinus*).

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. 1982b: 1242. (**ds**) Wood, S. L. 1982b: 1242. (**tx**) Wood, S. L. 1974b: 143, 1982b: 242.

***lobatum* (Ferrari)** 1867a: 57 (*Corthylus*). Holotype ♂; Venezuela; NHMW, Wien.
Figures: Blandford 1905:pl. 8.
Distribution: North America (Costa Rica/ Guatemala), South America (Venezuela).
Hosts: *Clusia* sp., *Nectandra* sp., *Spondias purpurea*, etc.
References: (**hb**) Wood, S. L. 1982b: 1230. (**ds**) Blackwelder 1947: 783; Blandford 1905: 283; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 93; Kleine 1913b: 157, 1914b: 340, 367; Wood, S. L. 1982b: 1230. (**tx**) Blandford 1905: 283; Ferrari 1867a: 54, 57; Hagedorn 1910a: 148; Wood, S. L. 1982b: 1230.

***longus* (Schedl)** 1950i: 172 (*Anchonocerus*). 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 Zunil, Guatemala, 4000 ft.; BMNH, London.
Distribution: North America (Guatemala/ Puebla in Mexico).
Hosts: *Quercus* sp.
References: (**hb**) Wood, S. L. 1982b: 1225. (**ds**) Atkinson & Equihua 1985c: 361, 1988a: 92; Blackwelder 1947: 783; Hagedorn 1910d: 93; Kleine 1913b: 157, 1914b: 367; Wood, S. L. 1982b: 1225. (**tx**) Blandford 1904: 276; Hagedorn 1910a: 148; Wood, S. L. 1982b: 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*, *Nyassa* 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 (SLW).
References: (**ay**) Hopkins 1894g; Schneider 1976. (**bv**) Atkinson, Foltz, & Connor 1988; Dethier 1947; Meixner 1937: 1218; Roling & Kearby 1975b, 1977; Turnbow & Franklin 1980. (**cn**) Anonymous 1976e; Beal et al. 1952; Blackman 1950; Brooks 1916: 13, 1917: 1–15; Chamberlin 1939: 282; Christian 1939; Collins & Connola 1958; 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 1888: 15; Garman 1905: 68–70; Gossard 1913: 62, 1914: 12; Herrick 1935: 375; Hopkins 1894b: 295, 1894g: 277, 1898d: 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 1883: 24; Schneider 1963: 661; Slingerland & Crosby 1914: 198; Swaine 1918a: 86–87; Wheeler 1922: 520. (**ec**) Batra 1963b: 216; Chamberlin 1939: 282; Currie 1905; Dorsey & Leach 1956: 220–224; Felt 1906: 289; Jewell 1956: 251; Leach 1940b: 61; Roling & Kearby 1977; Schneider 1976; Slaby 1947: 378; 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 1988; Baker, W. L. 1972: 267; Beal & Massey 1945: 103–104; Blackman 1922b: 80–81, 1950; Chamberlin 1939: 282; Chittenden 1890, 1893a: 392, 1897: 79; Dillon & Dillon 1961: 810; Deyrup & Atkinson 1987a: 66; Doane et al. 1936; Drake 1921: 201, 205; Drooz 1985: 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 1883: 24; Skinner 1905: 248; Swaine 1907: 191, 1918a: 86, 87; Titus & Pratt 1904: 19; Wood, S. L. 1982b: 1234. (**ds**) Anonymous 1926c: 517, 1976e; Atkinson et al.

1991: 162; Beal & Massey 1945: 103–104; Beauhe 1956; Blackman 1922b: 80–81, 1950; Blackwelder 1947: 783; Blandford 1904: 279; Blatchley & Leng 1916: 641; Bright 1976d: 191, 204, 214, 1985c: 176; Britton 1920a; Chamberlin 1925, 1939: 282; Chittenden 1890; Currie 1905; Devrup 1981b: 9; Devrup & Atkinson 1987a: 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, 1985c: 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*). Syntypes, 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 Caraguata; 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 Caraguata; 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 *Microcorthylus minutissimus* Schedl 1952 and introduced a replacement name. The 1952 species is in fact a *Microcorthylus* 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; Nunberg 1958a: 480; Schedl 1976a: 56. (**tx**) Nunberg 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 oleifolius*.
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 ♀; Volcan 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, 1979c: 174.

***obliquum* (Schedl)** 1970e: 99 (*Pterocyclon*). Holotype, sex?; Brasilien, Rio Caraguata, Matto Grosso; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**ds**) Schedl 1970e: 99–100, 1972g: 46. (**tx**) Schedl 1979c: 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 1979c: 176.

***omissum* (Schedl)** 1952d: 347 (*Pterocyclon*). Syntypes ♂; Portorico, Mor.; Schedl Collection in NHMW, Wien, automatic.
Distribution: Antilles Islands (Puerto Rico).
References: (**ds**) Bright 1985c: 176. (**tx**) Bright 1985c: 176; Schedl 1952d: 347.
*opacifrons* Schedl 1950i: 167 (*Pterocyclon*). Syntypes ♂; 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 1979c: 179 (citation of holotype invalid).
References: (**ds**) Blackwelder 1947: 783. (**tx**) Schedl 1935h: 350, 1950i: 167, 1952d: 347, 1979c: 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 (Columbia); 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.

***pennatum* (Schedl)** 1963c: 167 (*Pterocyclon*). Holotype ♀; Cordoba, Veracruz, Mexico; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica/ Guatemala/ 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 & Equihua 1985c: 361; Atkinson et al. 1986: 50; Wood, S. L. 1982b: 1228. (**tx**) Schedl 1963c: 167, 1979c: 187; 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, 1979c: 191.

***peruvianum* Wood** 1981: 122. Holotype ♀; Peru, Tambo, Enenas, Com. del Pichis; Schedl Collection in NHMW, Wien, automatic.
Distribution: South America (Peru).
References: (**tx**) Wood, S. L. 1981: 122.
*peruanum* Schedl 1978c: 306. Holotype ♀; Peru, Tambo, Enenas, Com. del Pichis; Schedl Collection in NHMW, Wien, preoccupied by Schedl 1950.
References: (**tx**) Schedl 1978c: 306; Wood, S. L. 1981: 122.

***plagiatum* (Eichhoff)** 1869a: 279 (*Corthylus*). 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*). Syntypes ♂; Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien, Strohmeyer Collection, Eberswalde, and Plaumann Collection.
Distribution: South America (Brazil).
Notes: (1) Schedl 1979c: 196 (citation of holotype invalid).
References: (**ds**) Blackwelder 1947: 783; Nunberg 1963c: 98; Santoro 1957b: 26; Schedl 1966f: 92. (**tx**) Schedl 1937g: 68, 1939k: 726, 1950i: 167, 1954b: 38, 1979c: 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 Rivieres); 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 Chiriqui, 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 NHMW, 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 Chiriqui, 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 (*Anchonocerus*). 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/ Chihuahua, 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 Ruette 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 NHMW, 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 1985c: 361; Atkinson et al. 1986: 50; Burgos & Sancedo 1983: 133. (**ds**) Atkinson & Equihua 1985a: 101, 1985c: 361; Atkinson et al. 1986: 50; Burgos & Sancedo 1983;133; Schedl 1977e: 43; Wood, S. L. 1982b: 1218. (**tx**) McNamara 1977: 196; Wood, S. L. 1967a: 46, 1967d: 50, 1973c: 179, 1982b: 1218.

*bifidus* Bright 1972a: 1381. Holotype ♂; 13 km E San Cristobal de las Casas, Chiapas, Mexico; CNCI, Ottawa. Synonymy: Wood 1973c: 179.
References: (**tx**) Bright 1972a: 1377, 1381; 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. 1982b: 1224. (**ds**) Atkinson & Equihua 1986a: 422, 1988: 92; Schedl 1966f: 77; Wood, S. L. 1982b: 1224. (**tx**) Schedl 1966f: 123, 1979c: 212; Wood, S. L. 1982b: 1224.

***scrobiceps* (Eichhoff)** 1878b: 458 (*Pterocyclon*). Holotype, sex?; America meridionalis (Columbia orientalis); Hamburg Museum, lost.
Distribution: South America (Colombia).
Hosts: *Quercus* sp. (?).
References: (**ds**) Blackwelder 1947: 783; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 342. (**tx**) Eggers 1936a: 393; Eichhoff 1878b: 458; Hagedorn 1910a: 149; Schedl 1966f: 76.

***scutellare* (LeConte)** 1857: 59 (*Corthylus*). 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-Grosmann 1956b. (**bv**) Daterman, Rudinsky, & Nagel 1965. (**en**) Chamberlin 1939: 280; Doane et al. 1936; Keen 1938: 147; Ruppel 1967: 64; Swaine 1918a: 86. (**cc**) Chamberlin 1939: 280; Farris 1965b: 30, 1969: 529; Francke-Grosmann 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: 280, 1958: 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 1918a: 86; Wood, S. L. 1982b: 1216. (**ds**) Bright 1976d: 190; Bright & Stark 1973: 95; Chamberlin 1939: 280, 1958: 128–129; DeLeon 1952: 79; Evans, D. 1985; Furniss, R. L. & Carolin 1977: 398; 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, 1982b: 1216. (**tx**) Bright 1976d: 189–190; Bruck 1936a; Chamberlin 1939: 280, 1958: 128–129; Eichhoff 1869a: 277, 1869c: 298, 1878b: 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, 1918a: 86; Wood, S. L. 1959a: 61, 1966b: 26, 1972a: 428, 1982b: 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 1878b: 451; LeConte 1868: 153, 1876: 348; Swaine 1909: 144.

*obliquecaudatum* 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 ♂; Columbien (Agnatal); USNM, Washington, automatic.
Distribution: South America (Colombia).
References: (**tx**) Wood, S. L. 1989: 178.

*sexdentatum* Eggers 1935a: 331 (*Anchonocerus*). Holotype ♂; Columbien (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)** 1978c: 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 1978c: 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.

***subpronum*** **(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)** 1978c: 303 (*Pterocyclon*). Holotype, sex?; Columbien, Cancathal, O. Thieme S.; Schedl Collection in NHMW, Wien.
Distribution: South America (Colombia).
References: (**tx**) Schedl 1978c: 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)** 1978c: 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 1978c: 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.

***tomicoides*** **(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.

***umbrinum*** **(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.

***unifasciatum*** **(Schedl)** 1970e: 104 (*Cosmocorynus*). Holotype ♀; Columbia, La Estrella II, 1700 m; Frey Collection in NHMBS, Basal.
Distribution: South America (Colombia).
References: (**tx**) Schedl 1970e: 104.

***vallidum*** **(Ferrari)** 1867a: 55 (*Corthylus*). 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. Concep., 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. 8.
Distribution: North America (Costa Rica/ Panama).
Hosts: *Brunellia 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 *Glochinocerus* Blandford

GLOCHINOCERUS BLANDFORD 1904: 266. Type-species: *Glochinocerus 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 Zunil, 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* (SLW)]; 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 (*Paracorthylus*). 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 guamo 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 *Microcorthylus* Ferrari

MICROCORTHYLUS FERRARI 1867a: 58. Type-species: *Microcorthylus 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 gossypiifolius*, 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: *Bochmeria 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 (*Corthylus*). Holotype, sex?; Venezuela [presumably Colonia Tovar]; NHMW, Wien.
Distribution: South America (Brazil/ Venezuela).
Notes: Schedl 1963h: 268 (to *Microcorthylus*).
References: (**ds**) Bright 1985c: 176; Fleutiaux & 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 ♂, Escasu, San Jose, Costa Rica. USNM, Washington, designated by Wood 1982b: 1258.
Distribution: North America (Costa Rica/ Panama).
Hosts: Small tree.
References: (**hb**) Wood, S. L. 1982b: 1258. (**ds**) Blackwelder 1947: 783; Wood, S. L. 1982b: 1258. (**tx**) Eggers 1935a: 156; Wood, S. L. 1982b: 1258.

***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: *Guazuma ulmifolia*, *Siparuna nicaraguensis*.
References: (**hb**) Wood, S. L. 1982b: 1255. (**ds**) Wood, S. L. 1982b: 1255. (**tx**) Wood, S. L. 1973a: 267, 1982b: 1255.

***invalidus*** **Wood** 1973a: 268. Holotype ♀; 6 km W Tepic, Nayarit, Mexico, 1000 m; Wood Collection.
Distribution: North American (Nayarit in Mexico).
Hosts: Tree branch.
References: (**hb**) Atkinson & Equihua 1985c: 362; Wood, S. L. 1982b: 1255. (**ds**) Atkinson & Equihua 1985c: 362; Wood, S. L. 1982b: 1255. (**tx**) Wood, S. L. 1973a: 268, 1982b: 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. 1982b: 1258. (**ds**) Wood, S. L. 1982b: 1258. (**tx**) Wood, S. L. 1973a: 270, 1982b: 1258.

***mexicanus*** **Eggers** 1934a: 81. Holotype, sex?; Mexico; Hamburg Museum, lost.
Distribution: North America ("Mexico").
References: (**ds**) Blackwelder 1947: 783. (**tx**) Eggers 1934a: 81–82; Schedl 1940a: 359.

***minimus*** **Schedl** 1950i: 160. Lectotype ♀; Nova Teutonia, Santa Catarina, Brazil; Schedl Collection in NHMW, Wien, designated by Schedl 1979c: 154.
Figures: Atkinson & Aquihua 1988: 97, Pedrosa-Macedo & Schonherr 1985: 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: (**ec**) Equihua & Atkinson 1986. 634. (**hb**) Equihua & Atkinson 1986: 634; Wood, S. L. 1982b: 1256. (**ds**) Atkinson & Equihua 1988: 92; Bright 1981c: 155, 1985c: 176; Equihua & Atkinson 1986: 634; Pedrosa-Macedo & Schonherr 1985: 59; Schedl 1966f: 91, 1967d: 4, 1976a: 56; Wood, S. L. 1982b: 1256. (**tx**) Atkinson & Equihua 1988: 97; Bright 1985c: 176; Pedrosa-Macedo & Schonherr 1985: 59; Schedl 1950i: 160, 1979c: 154; Wood, S. L. 1982b: 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: 81, 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 ulmifolia*, *Conostegia oerstediana*, *Siparuna nicaraguensis*.
References: (**hb**) Wood, S. L. 1982b: 1254. (**ds**) Wood, S. L. 1982b: 1254. (**tx**) Wood, S. L. 1973a: 266–267, 1982b: 1254.

***pallidus*** **Schedl** 1939j: 571. Lectotype, sex?; Brasilien, Nova Teutonia; 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. 1982b: 1255. (**ds**) Blackwelder 1947: 783; Gemminger & Harold 1872: 2680; Hagedorn 1910d: 94; Kleine 1913b: 157, 1914b: 340, 366; Wood, S. L. 1982b: 1255. (**tx**) Eggers 1935a: 153–156; Ferrari 1867a: 53, 58; Hagedorn 1910a: 148; Hopkins 1914: 125; Schedl 1939j: 570; Wood, S. L. 1974d: 283, 1982b: 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; Kleine 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**) Nunberg 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 Zunil, 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 *Corthycyclon* Schedl

CORTHYCYCLON SCHEDL 1951m: 128. Type-species: *Corthycyclon 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 (*Corthylus*). 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 fruitescens*, *Miconia dodecandra*, *M.* sp., *Oreopanax xalapense*, *Quercus* sp., *Siparuna nicaraguensis*, *Vaccinium consanguineum*.
Notes: (1) Wood 1982b: 1263 (to *Corthycyclon*).
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.

***ebeninum* (Blandford)** 1904: 265 (*Brachyspartus*). 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.

***furvum* 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: *Persea 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 & Equihua 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* (Nunberg)** 1972b: 191 (*Corthylus*). Holotype ♂; Sao Paulo, Itarare (Sampaio); MZUSP, Sao Paulo.
Distribution: South America (Brazil).
References: (**tx**) Nunberg 1972a, 1972b: 191–192.

***cincinnatus* 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 (*Microcorthylus*). 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: *Serjania* 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 ♂; Comitan, 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 (*Corthylus*). 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.

*anomalus* Bright 1972a: 1378 (*Corthylus*). 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 ♀; Tybayes 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; Nunberg 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 Plaumann 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 *Corthylus* 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.

*Pseudocorthylus* Ferrari 1867a: 59. Type-species: *Pseudocorthylus letzneri* Ferrari. Synonymy: Wood 1977d: 511.

References: (**tx**) Ferrari 1867a: 59; Kirsch 1868: 214; Wood, S. L. 1977d: 511.

*Corthylomimus* Schedl 1972g: 73. Type-species: *Corthylomimus 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: *Alnus* sp., *Crotou* 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, 1878b: 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.

***antennarius* 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.

***argentineusis* 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**) Nunberg 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 Nunberg 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.

***cannularius* 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.

***cavifrons* Nunberg** 1962: 230. Holotype ♀; Estacao Biologica de Boraceia, Salesopolis, Estado de Sao Paulo, Brasilien; DZSA, Sao Paulo.
Distribution: South America (Brazil).
References: (**tx**) Nunberg 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 Zunil, Guatemala; BMNH, London.
Figures: Wood 1982b: 1284 (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. 1982b: 1285. (**ds**) Blackwelder 1947: 784; Hagedorn 1910d: 90; Kleine 1913b: 155, 1914b: 366; Wichmann 1955a: 107; Wood, S. L. 1982b: 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. 1982b: 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, 1985k: 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 1985: 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 1987; McCambridge & Kowal 1957: 7; McManus & Giese 1967; Nord & McManus 1972; Pettinger 1963: 68; Roling & Kearby 1973, 1977; Snyder 1923: 131, 1927: 3; White, W. B. & Giese 1968; Yates 1968. (**ec**) Baker, W. L. 1972: 265; Chamberlin 1939: 284–285; Crozier & Giese 1967b; Drooz 1985: 369; Felt 1906: 702; Giese 1962, 1966b, 1967b; Hopkins 1897a: 37; Kabir 1963, 1964: 4894–4895; Kabir & Giese 1966a, 1966b; Mattson & Haack 1987; McManus 1969; McManus & Giese 1968; Nord 1973; Oliveria 1975b; Pettinger & Giese 1968; Roling & Kearby 1974: 1308, 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 1985: 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. 1982b: 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: 8; Drooz 1985: 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. 1982b: 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. 1982b: 1285. (**ms**) Anonymous 1985k: 23; Giese 1966a; Nord & Lewis
1970; Tates 1968.

***comatus* Blandford** 1904: 258. Holotype ♀; Cerro Zunil, Guatemala; BMNH, London.

Figures: Blandford 1904:pl. 8, Wood 1982b: 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. 1986: 44; Wood, S. L. 1982b: 1292. (**ds**) Atkinson & Equihua 1985c: 362; Atkinson et al. 1986: 44; Blackwelder 1947: 784; Hagedorn 1910d: 90; Kleine 1913b: 155, 1914b: 366; Wood, S. L. 1982b: 1292. (**tx**) Blandford 1904: 258; Hagedorn 1910a: 145; Wood, S. L. 1974d: 279, 1982b: 1292.

*splendidus* Bright 1972a: 1371. Holotype ♀; Highway 175, 5.6 km S Suchixtepec, 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 1982b: 1284 (female).

Distribution: North America (Costa Rica).

Hosts: *Piper* sp.

References: (**hb**) Wood, S. L. 1982b: 1283. (**ds**) Wood, S. L. 1982b: 1283. (**tx**) Wood, S. L. 1974c: 186, 1982b: 1283–1285.

***compressicornis* (Fabricius)** 1801: 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 (redescribed type). Citations of this species from Colombia and Central America are based on erroneous identifications (SLW).

References: (**ay**) Imhoff 1856: 228. (**ds**) Blackwelder 1947: 784; Blandford 1904: 254; Bright 1972a: 1385; Dejean 1837; Gemminger & Harold 1872: 2693; Hagedorn 1903b: 547, 1910d: 90; Kleine 1913b: 155; Lacordaire 1866: 385; Melsheimer 1853: 87; Wood, S. L. 1961c: 1. (**tx**) Blandford 1904: 254; Castelnau 1840; Eggers 1929e, 1931b: 39, 1931c: 184, 1934a: 82; Eichhoff 1868: 421, 1869c: 297, 301, 1878b: 422; Fabricius 1801: 388; Ferrari 1867a: 48–49, 61; Hagedorn 1903b: 547, 1910a: 145; Hopkins 1914: 119; Lacordaire 1866: 385; Lucas 1920: 203; Schedl 1933b: 33, 35, 1950i: 153–154, 1979c: 60; Wood, S. L. 1961c: 1, 1967d: 56, 1974c: 202. (**ms**) Eichhoff 1868d: 421; Lucas 1920: 203.

***concavus* 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. 1982b: 1296. (**ds**) Wood, S. L. 1982b: 1296. (**tx**) Bright 1972a: 1376; McNamara 1977: 195; Wood, S. L. 1982b: 1296.

***concisus* Wood** 1974c: 201. Holotype ♀; Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.

Figures: Blandford 1904:pl. 8, Wood 1982b: 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. 1982b: 1309. (**ds**) Atkinson & Equihua 1986a: 422; Kleine 1914b: 366; Wood, S. L. 1982b: 1309. (**tx**) Wood, S. L. 1974c: 201, 1982b: 1309.

***consimilis* Wood** 1974c: 188. Holotype ♀; 9 km NE Teziutlan, Puebla, Mexico, 1600 m; Wood Collection.

Figures: Wood 1982b: 1291.

Distribution: North America (Guatemala/ Puebla in Mexico).

Hosts: *Acacia* sp., and tree branches.

References: (**hb**) Wood, S. L. 1982b: 1288. (**ds**) Wood, S. L. 1982b: 1288. (**tx**) Wood, S. L. 1974c: 188, 1982b: 1288.

***convexicauda* Eggers** 1931b: 40. Syntypes 1 ♂, 1 ♀; Sao Paulo; Prague Museum, 2 Eggers syntypes in NHMW, Wien.

Distribution: South America (Brazil).

References: (**ds**) Blackwelder 1947: 784; Pedrosa-Macedo & Schonherr 1985: 62; Schedl 1973d: 160, 1976a: 56. (**tx**) Eggers 1931b: 40–41; Pedrosa-Macedo & Schonherr 1985: 62; Schedl 1966f: 76, 1979c: 64.

*bituberculatus* Nunberg 1962: 229. Holotype ♂; Barra do Tapirape, Estado de Matto Grosso, Brasilien; DZSA, Sao Paulo. Synonymy: Schedl 1966f: 76.

References: (**tx**) Nunberg 1962: 228–231; Schedl 1966f: 76.

***convexifrons* Wood** 1986c: 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. 1986c: 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 1985c: 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 (*Metacorthylus*). 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 ♀; Cuantenango, 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., *Persea americana*, and other tree branches.
References: (**ec**) 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; Guagliumi 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.

*cirrus* 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, Comitan; 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, Oranegui & 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; Oranegui & Atkinson 1984. (**cc**) Wichmann 1955a: 107. (**hb**) Atkinson & Equihua 1985a: 102, 1985c: 362; Atkinson et al. 1986: 45; Bustamante & Atkinson 1984; Oranegui & Atkinson 1984; Wood, S. L. 1982b: 1283. (**ds**) Atkinson & Equihua 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; Oranegui & Atkinson 1984: 88; Schedl 1950i: 158; Wood, S. L. 1982b: 1289.

***gracilis* (Schedl)** 1972g: 74 (*Corthylominus*). 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 (SLW).
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.

***ingaensis* (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.

*biseriatus* Eggers 1943d: 247. Holotype ♀; Guatemala; IPKE, Eberswalde. Synonymy: Wood 1982b: 1300.
References: (**tx**) Eggers 1943d: 247; Nunberg 1962: 229; Wood, S. L. 1982b: 247.

***lustratus* Wood** 1984: 113. Holotype ♀; "Texecal," Maiote 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; Eichhoff 1869a: 279–280, 1878b: 423; Hagedorn 1910a: 145.

***mexicanus* Schedl** 1950i: 159. Holotype ♂; Mexico, Comitan; 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., *Oreopanax* sp., *Parathesis serrulata*, *Pinus pseudostrobus*, *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; Nunberg 1962: 229; Schedl 1950i: 156, 159, 1979c: 152; Wood, S. L. 1973c: 175, 1982b: 1301.
*glabinus* 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, Atlantida, 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: *Swietenia* 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* Nunberg** 1962: 226. Holotype ♀; Estacao Biologica de Boraceia, Salesopolis, Estado de Sao Paulo, Brasilien; IZW, Warsaw.
Figures: Nunberg 1962: 225, 228.
Distribution: South America (Brazil).
References: (**tx**) Nunberg 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 (*Corthycyclon*). Holotype ♂; Caruaru, Pernambuco, Brazil; Schedl Collection in NHMW, Wien, automatic.
Distribution: South America (Brazil).
References: (**tx**) Schedl 1980d: 120.
*tardus* Schedl 1976a: 85 (*Corthycyclon*). Holotype ♂; Caruaru, 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 ♂; Caruaru, 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, Limon, Costa Rica; Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica).
Notes: (1) Wood 1982b: 1298 (to *Corthylus*).
References: (**ds**) Wood, S. L. 1982b: 1298. (**tx**) Schedl 1939j: 568, 1951m: 127, 1979c: 165; Wood, S. L. 1982b: 1298.

***niger* (Schedl)** 1954b: 43 (*Metacorthylus*). 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.

***nolenae* Wood** 1974c: 194. Holotype ♀; Huajanapan, 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 Plaumann 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

1985: 63; de Ruette 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 1985a: 102; Atkinson et al. 1986: 46; Burgos & Saucedo 1983: 140; Wood, S. L. 1982b: 1289. (**ds**) Atkinson & Equihua 1985a: 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.

***papulans* 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: *Persea 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; Nunberg 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; Nunberg 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 1988. (**ec**) Equihua & Atkinson 1986: 633; Wilson 1959b: 118. (**hb**) Atkinson, Foltz, & Connor 1988; Atkinson et al. 1986: 46, 68; 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, 68, 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 Biologia, Universidad Nacional Autonoma de Mexico, Ciudad Mexico (SLW).
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 (SLW).
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 1935h: 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 ♀; Caruaru, 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.

***pisinnus* 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 & Equihua 1986a: 422; Wood, S. L. 1982b: 1297. (**tx**) Wood, S. L. 1974c: 192, 1982b: 1297.

***punctatissimus* (Zimmermann)** 1868: 144 (*Cryptturgus*). 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 Hamshire, 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., *Ostyra* sp., *Rhododendron* sp., *Sassafrass* sp., *Vaccinium* sp., *Viburnum betuloides*.
References: (**ay**) Finnegan 1963, 1967; Hopkins 1894g. (**bv**) Atkinson, Foltz, & Connor 1988; 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; Daviault 1948: 30; Doane et al. 1936; Drooz 1985: 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 & Nystrom 1988: 33; Twinn 1934: 124; Weigel & Baumhofer 1948: 73–74; White 1933: 631–640; White & Hamilton 1935: 15. (**cc**) 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 1898; Blackman 1950; Boyd 1953: 139; Bright 1976d: 192; Chamberlin 1939: 284; Chittenden 1890; Comtois 1988: 182; Deyrup & Atkinson 1987a: 66; Doane et al. 1936; Drooz 1985: 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; Beaulne 1956; Blackman 1950; Blandford 1904: 253; Blatchley & Leng 1916: 642; Bright 1976d: 192; Chamberlin 1939: 284; Chittenden 1890; Deyrup 1981b: 8; Deyrup & Atkinson 1987a: 66, 1987b: 68; Dodge 1938; Drooz 1985: 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 & Nystrom 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, 1950i: 155, 1960a: 77; Schwarz 1891b: 109; Swaine 1909: 91; Syme & Nystrom 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**) Lavallee & 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, Limon, 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. 1982b: 1279. (**ds**) Wood, S. L. 1982b: 1279. (**tx**) Wood, S. L. 1974c: 182, 1982b: 1279.

***robustus* Schedl** 1936i: 108. Holotype ♀; Brasilien, Nova-Teutonia; Schedl Collection in NHMW, Wien.
Figures: Pedrosa-Macedo & Schonherr 1985: 66.
Distribution: South America (Brazil).
Hosts: *Inga* sp.
Notes: (3) Schedl 1980d: 120 (described male).
References: (**ds**) Blackwelder 1947: 784; Pedrosa-Macedo & Schonherr 1985: 66; Schedl 1976a: 56; Schonherr & Pedrosa-Macedo 1981: 54. (**tx**) Pedrosa-Macedo & Schonherr 1985: 66; Schedl 1936i: 108, 1939j: 564, 1979c: 212, 1980d: 120.

***rubricollis* Blandford** 1904: 260. Lectotype ♀; Volcan de Chiriqui, Chiriqui, Panama; BMNH, London, designated by Wood 1982b: 1284.
Figures: Blandford 1904:pl. 8, Wood 1982b: 1284 (female).
Distribution: North America (Costa Rica/ Guatemala (?)/ Panama), South America (Colombia).
Hosts: *Miconia caudata*, *Myrica pubescens*, *Werklia insignis*.
References: (**hb**) Wood, S. L. 1982b: 1286. (**ds**) Blackwelder 1947: 784; Hagedorn 1910d: 91; Kleine 1913b: 155, 1914b: 366; Schedl 1961c: 1; Wood, S. L. 1961c: 1, 1982b: 1286. (**tx**) Blandford 1904: 260; Hagedorn 1910a: 145; Schedl 1933b: 33, 1935h: 346, 1950i: 158, 1979c: 214; Wood, S. L. 1961c: 1, 1982b: 1286.

***rufopilosus* Eggers** 1931b: 39. Holotype ♀; Sao Paulo [Brazil]; Prague Museum.
Distribution: South America (Brazil).
References: (**ds**) Blackwelder 1947: 784. (**tx**) Eggers 1931b: 39–40; Schedl 1954n: 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: *Persea americana*.
References: (**ds**) Blackwelder 1947: 784; Wood, S. L. 1982b: 1287. (**tx**) Schedl 1935h: 346–347, 1950i: 156, 1979c: 219; Wood, S. L. 1982b: 1287.

***schaufussi* Schedl** 1937g: 69. Lectotype ♂; Brasilien, Nova Teutonia; Schedl Collection in NHMW, Wien.
Figures: Pedrosa-Macedo & Schonherr 1985: 66–67, Terra 1987: 29.
Distribution: South America (Brazil).
References: (**ds**) Blackwelder 1947: 784; Nunberg 1971: 57; Pedrosa-Macedo & Schonherr 1985: 67; Schedl 1966f: 91, 1967d: 4, 1970e: 85, 1972g: 47, 1973d: 160; Terra 1987: 27. (**tx**) Pedrosa-Macedo & Schonherr 1985: 66–67; Schedl 1937g: 69–70, 1939j: 564, 1950i: 147, 1979c: 221; Terra 1987: 27, 29.

***senticosus* Wood** 1986c: 271. Holotype ♀; Jalapa, Veracruz, Mexico; Wood Collection.
Distribution: North America (Veracruz in Mexico).
Hosts: *Psittacanthus schiedeanus*.
References: (**tx**) Wood, S. L. 1986c: 271.

***sentosus* Wood** 1986c: 271. Holotype ♀; Km 32 on Carretera Patzcuaro-Ario de Rosales, Michoacan, Mexico; Wood Collection.
Distribution: North America (Michoacan in Mexico).
Hosts: *Psittacanthus* sp.
References: (**tx**) Wood, S. L. 1986c: 271.

***sentus* Wood** 1974c: 195. Holotype ♀; 2 km SE Cartago, Cartago, Costa Rica, 1300 m; Wood Collection.
Figures: Wood 1982b: 1301 (female).
Distribution: North America (Costa Rica/ Guatemala).
Hosts: *Miconia schlechtendalii*, also in a liana, shrub, and tree.
References: (**hb**) Wood, S. L. 1982b: 1303. (**ds**) Wood, S. L. 1982b: 1303. (**tx**) Wood, S. L. 1974c: 195, 1982b: 1303.

***serratus* Wood** 1974c: 197. Tapanti, Cartago, Costa Rica, 1300 m; Wood Collection.
Figures: Wood 1982b: 1307 (female).
Distribution: North America (Costa Rica/ Panama).
Hosts: *Inga* sp., *Miconia globuliflora*, *Phoebe mexicana*, *Siparuna nicaraguensis*, *Werklia insignis*.
References: (**hb**) Wood, S. L. 1982b: 1306. (**ds**) Wood, S. L. 1982b: 1306. (**tx**) Wood, S. L. 1974c: 197, 1982b: 1306.

***serrulatus* Eggers** 1934a: 82. Syntypes 1 ♂, 1 ♀; Bolivien (Cochabamba); ♂ MNHN, Paris, ♀ Eggers Collection, in NHMW, Wien.
Distribution: South America (Bolivia).
References: (**ds**) Blackwelder 1947: 784. (**tx**) Eggers 1934a: 82; Schedl 1979c: 225.

***simillimus* Schedl** 1966f: 118. Holotype ♂; Venezuela; Schedl Collection in NHMW, Wien.
Distribution: South America (Venezuela).
References: (**tx**) Schedl 1966f: 118, 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. 1982b: 1286. (**tx**) Wood, S. L. 1974c: 187, 1982b: 1286.

***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. 1982b: 1305. (**ds**) Wood, S. L. 1982b: 1305. (**tx**) Wood, S. L. 1974c: 196, 1982b: 1305.

***spinosus* Wood** 1974c: 194. Holotype ♂; Fortin de las Flores-Sumidero, 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*, *Werklia 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.

***subserratus* 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.

***subsulcatus* 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.

***suturifer* Schedl** 1963c: 165. Holotype ♀; Cordoba, Veracruz, Mexico; Schedl Collection in NHMW, Wien.
Distribution: North America (Veracruz in Mexico).
References: (**ds**) Atkinson & Equihua 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, Huanuco 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 & Equihua 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.

*reburrus* 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: *Alnus* sp., *Spondias purpurea*, 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 EGGERS 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: *Toxophorus africanus* Eggers, automatic.
*Toxophorus* Eggers 1920: 119. Type-species: *Toxophorus 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 (*Toxophorus*). 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 (redescribed).
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** 1987:000. Holotype ♀; Tadzhikistan: lowland of river Vakhsh, nature reserve "Tigrovia balka"; IZL, St. Petersburg/Leningrad.
Distribution: Asia (Tadzhikistan in USSR).
Hosts: *Cynanchum sibiricum*.
Notes: (1) We have not seen the original description or specimens of this species.
References: (**tx**) Axentjev 1987:000.

# 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* (SLW).
References: Balachowsky 1949a: 275; Barbey 1901: 28; Beal & Massey 1945: 62; Bedel 1888b: 385, 404, 421; Blandford 1895b: 89; Brown 1880: 539; Brues & Melander 1932: 445; Chapuis 1865; Costa Lima 1956: 339; Erichson 1847: 138; 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; Nunberg 1954: 13, 92; Reitter 1894: 39, 93, 1913a: 13; Schedl 1939b: 377, 388, 396, 1972f; Strohmeyer 1912c: 1–26; Swaine 1909: 83; Thomson 1865: 377; Tredl 1907: 4.

Platypodinae
References: Blandford 1895b: 89; Strohmeyer 1911: 218, 1912: 4; Swaine 1909: 83.

Playtpodini
References: Schedl 1939b: 396.

Platypites
References: Fairmaire 1868: 107.

Platypodae
References: Eichhoff 1881: 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; Nunberg 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; Strohmeyer 1914b: 1–4.

## Tribe Coptonotini Chapuis

Coptonotidae
References: Balachowsky 1949a: 51; Blackman 1944: 77–78; Blackwelder 1947: 788; Chapuis 1869: 11, 1873: 219; Nunberg 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: 78; 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 ♂; Eungella National Park, Queensland, Australia; Queensland Museum, Brisbane.
Distribution: Australia (Queensland).
References: (**tx**) Wood, S. L. 1973d: 84.

***latrirostris* (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 SCHEDL 1937: 404. Type-species: *Scolytotarsus impar* Schedl, monobasic.
References: (**tx**) Schedl 1937b: 404, 1939b: 387.

***impar*** **Schedl** 1937b: 405. Holotype, sex?; Wahrscheinlich Kamerun, aus einem Ankauf 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.: 282 (treated in Curculionidae under *Mepsepholax*).
References: (**ds**) Brimblecombe 1953: 24; Schedl 1936g: 535. (**tx**) Schedl 1936g: 534, 1939b: 379–380, 384; Voss 196.: 282.

## Tribe Mecopelmini Wood

Mecopelmini
References: Wood, S. L. 1966a: 45.

### Genus *Mecopelmus* Blackman

MECOPELMUS BLACKMAN 1944: 78. Type-species: *Mecopelmus zeteki* Blackman, original designation.
References: (**tx**) Blackman 1944: 78; Schedl 1962d: 12; Wood, S. L. 1966a: 45.

***zeteki* Blackman** 1944: 78. Holotype, sex?; Barro Colorado Island, Panama Canal Zone; USNM, Washington.
Figures: Blackman 1944:figs. 1–5, Equihua & Atkinson 1987: 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 1987: 12. (**tx**) Blackman 1944: 76–80; Equihua & Atkinson 1987: 12; Schedl 1962d: 12; Wood, S. L. 1966a: 45, 1987: 12.

### Genus *Protoplatypus* Wood

PROTOPLATYPUS WOOD 1973b: 81. Type-species: *Protoplatypus vetulus* Wood, original designation.
References: (**tx**) Wood, S. L. 1973b: 81.

***vetulus* Wood** 1973b: 82. Holotype ♂; 8 km NW Bulolo, Morobe, New Guinea; CSIRO, Canberra.
Figures: Wood 1973b: 82.
Distribution: New Guinea (near Bulolo in Morobe District).
Hosts: Log (an uncommon species, possibly *Harpullia pedicellaris*).
Notes: (3) The species is phloeophagous, polygynous, and the larvae make individual mines.
References: (**hb**) Wood, S. L. 1973b: 82. (**tx**) McNamara 1977: 191; Wood, S. L. 1973b: 82.

## Tribe Schedlarini Wood

Schedlarini (automatic replacement)
References: Wood, S. L. 1957b: 103.

Chapuisidae (automatically replaced by new name when type-genus became a homonym)
References: Brues & Melander 1932: 445; Schedl 1939b: 377; Strohmeyer 1914b: 1–6.

Chapuisides
References: Blandford 1895b: 89, 117.

Chapuisinae
References: Brues & Melander 1932: 445; Handlirsch 1925: 692; Hopkins 1915c: 225; Schedl 1939b: 377; Strohmeyer 1911: 218, 1912c: 3.

### Genus *Schedlarius* Wood

SCHEDLARIUS WOOD 1957b: 103. Type-species: *Chapuisia mexicana* Duges, automatic.

*Chapuisia* Duges 1886: 56. Type-species: *Chapuisia 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; Nunberg 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 (*Chapuisia*). 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. simarubra*.
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: Strohmeyer 1914b: 18, 1918: 40, 1920: 44.

Tesserocerariae
References: Strohmeyer 1914b: 18–19.

Symmerariae
References: Strohmeyer 1914b: 18.

Periommatinae
References: Schedl 1939b: 397, 403, 1972f: 83, 249.

Cenocephalariae
References: Strohmeyer 1914b: 18.

Cenocephalini
References: Schedl 1939b: 397.

Platypicerinae
References: Nunberg 1953: 44.

## Tribe Diapodini Strohmeyer

Diapodariae
References: Strohmeyer 1914b: 18.

Diaporinae
References: Schedl 1939b: 397, 404, 1972f: 83, 259.

Genyocerinae
References: Hopkins 1915c: 225.

### Genus *Diapus* Chapuis

DIAPUS 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: 338; Munro 1928: 1–29; Schedl 1966b: 102, 1972f: 261, 1977b: 276. (**tx**) Beeson 1917: 1–29; Blandford 1893d: 426, 1894d: 139; Browne 1958b: 164–182, 1972a: 188; 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; Nunberg 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; Strohmeyer 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: *Alnus nitida, Castanea javanica, C. tunggurut, Quercus dilatata, Q. incana, Q. semicarpifolia.*
References: (**cn**) Kleine 1932a: 310, 402. (**ec**) 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; Strohmeyer 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; Strohmeyer 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* spp.
References: (**tx**) Roberts 1992:(in press).

***bilunatus* Schedl** 1975f: 399. Holotype ♀; New Guinea NE, Mt. Missim, 2400–2800 m; BPBM, Honolulu.
Distribution: New Guinea.
Hosts: *Acmena* sp., *Castanopsis* sp., *Elaeocarpus* 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 accuminatissima, 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, 1978a: 16.

***borneensis* Browne** 1980d: 500. Holotype ♂; Kimanis (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, 1978a: 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., *Galbulilima* 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, 1978a: 27.

***formosanus* Niisima & Murayama** 1925a: 217. Syntypes 4♂, 4♀; Rengeti: Taichu 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; MCG, 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 NHMW, 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, 1978a: 42.

***minor* Schedl** 1954a: 158. Holotype ♂; Java, Mt. Gede, 800 m; Schedl Collection in NHMW, 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 1958; 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, 1978a: 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 1978: 617. (**ds**) Beaver & Browne 1978: 617; Browne 1980c: 484; Nobuchi 1977: 146; Schedl 1971c: 370, 1972c: 263. (**tx**) Schedl 1962f: 263, 1969a: 219, 1978a: 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: *Alnus nepalensis, Quercus dilatata, Q. lamellosa, Q. semicarpifolia, Schleichera oleosa*.
References: (**ds**) Gemminger & Harold 1872: 2702; Lacordaire 1866: 397; Schedl 1962f: 169, 1972f: 263; Strohmeyer 1912c: 22, 1914c: 47. (**tx**) Browne 1977a: 102; Chapuis 1865: 333; Janson 1893: 75; Lacordaire 1866: 397; Schedl 1960c: 63, 1962f: 169, 1972f: 263; Strohmeyer 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, 1908a: 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; Roonwal 1954: 58; Strohmeyer 1912c: 22, 1914c: 47. (**tx**) Janson 1893: 74; Murayama 1925: 219; Schedl 1972f: 263–264; Stebbing 1908b: 1, 1914: 628; Strohmeyer 1912c: 22, 1914c: 47.

*capillatus* Sampson 1913: 449. Holotype ♀; Darjeeling, N. India; BMNH, London.
Notes: (1) Browne 1977a: 102 (treated as a subspecies).
References: (**en**) Kleine 1932a: 310, 402; Pierce, W. D. 1917: 154; Stebbing 1914: 633. (**ec**) 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; Strohmeyer 1914c: 47. (**tx**) Browne 1977a: 102; Sampson 1913: 449–450; Schedl 1939e: 364, 1972f: 263; Stebbing 1914: 633; Strohmeyer 1914c: 47.

***nanodontus* 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., *Elaeocarpus* 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., *Caldcluvia* sp., *Calophyllum* sp., *Castanopsis* sp., *Cryptocarya* sp., *Dacrycarpus* sp., *Elaeocarpus* sp., *Garcinia* sp., *Ilex* sp., *Litsea* 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., *Elaeocarpus* 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: *Galbulilima* sp.
References: (**tx**) Roberts 1992:(in press).

***papuanus* Schedl** 1968e: 269. Holotype ♂; Afafiningetu, 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 1968e: 269, 1969b: 225–226, 1972f: 264, 1978a: 51.

***pendleburyi* Schedl** 1936d: 18. Lectotype ♂; Malay Peninsula, Selangor: Kuala Lumpur; Schedl Collection in NHMW, Wien.
Distribution: Asia (Burma/ Assam in India/ Malaya/ Thailand/ Vietnam), Indonesia (Borneo), Philippine Islands.
Hosts: *Dipterocarpus pilosus*, *Dryobalanops aromatica*, *Pentacme suavis*, *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; Ohno, Yoneyama, & 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; Strohmeyer 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., *Neonauclea* sp., *Planchonella* sp., *Pometia* sp., *Xanthophyllum* sp.
References: (**tx**) Roberts 1992:(in press).

***pusillimus* Chapuis** 1865: 335. Syntypes 3♂, 1♀ (Schedl 1960: 63); Nouvelle-Guinee, 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: *Afzelia 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 samoensis*, *Pometia* sp., *Pterocymbium* sp., *Shorea bracteolata*, *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**) Nunberg 1951: 262. (**bv**) Gray, B. 1974b. (**cn**) Brimblecombe 1956; Browne 1968b: 233; Hill, D. S. 1983: 679; Wylie & Shanahan 1975. (**ec**) Browne 1958b; Thompson, W. R. & Simmonds 1964: 15, 1965: 28. (**hb**) Beaver 1976b: 544; Beaver & Browne 1978: 617; Beeson 1941 (1961: 260–261); Brimblecombe 1956; Browne 1936a, 1941, 1958b, 1961c: 231–232, 1968b: 233; Gray, B. 1974b; Hill, D. S. 1983: 679; Kalshoven 1960c: 46; Wylie & Shanahan 1975. (**ds**) Beaver 1976b: 544; Beaver & Browne 1975: 305,1978: 617; Beeson 1941 (1961: 260); Browne 1936a, 1961a: 317, 1961c: 232, 1966: 242, 1968b: 233, 1980a: 370; Chadwick & Nikitin 1968; 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; Nunberg 1961b: 611; Ohno, Yoneyama, & Nakazawa 1982a, 1982b: 5, 1987a: 96, 1987b: 90; Ohno et al. 1988b: 99, 1989: 67; Sampson 1919: 107, 1925: 3, 1926: 121; Schedl 1936d: 8, 22, 1936g: 519, 1936j: 22, 1966b: 103, 1966g: 34, 1968e: 265, 1972f: 264, 1974c: 262, 1975h: 352, 1975i: 347, 1979a: 160; Strohmeyer 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, 1939e: 337, 1941c: 354–355, 1942c: 165, 1951k: 141–142, 1954a: 158, 1958i: 215, 1960c: 63, 1965g: 31, 1969a: 225, 1972f: 264; Strohmeyer 1912c: 22, 1914c: 47; Wood, S. L. 1960a: 6; Wylie & Yule 1977.

*grevilleae* Lea 1914: 226 (*Crossotarsus*). Holotype ♀; Queensland; Lea Collection at SAM, Adelaide. Synonymy: Schedl 1936g: 519.

References: (**cn**) Kleine 1932a: 401; Smith, J. H. 1932: 230, 1935: 3. (**ec**) 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.

***quadrispinatus* 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. (**ec**) Beeson 1921b: 23. (**hb**) Kleine 1932a: 311, 402; Yunus & Hua 1980: 216. (**ds**) Beeson 1921b, 1941 (1961: 261); Bhasin, Roonwal, & Singh 1958; Gemminger & Harold 1872: 2702; Kleine 1932a: 311, 402; Nobuchi 1977: 144; Schedl 1962f: 169, 1967e: 222, 1968e: 265, 1972f: 264, 1973b: 212; Strohmeyer 1912c: 22, 1914c: 47. (**tx**) Chapuis 1865: 332; Gardiner 1932b; Hopkins 1914: 121; Nakashima 1975: 60–65; Schedl 1936d: 18, 1939g: 2, 1960c: 62, 1962k: 1054, 1972f: 261, 264; Strohmeyer 1912c: 22, 1914c: 47.

***quadrispinosus* 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, Morty, Nouvelle-Guinea: 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/ Zaire/ Zambia), 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., *Afzelia palembanica*, *Agathis alba*, *Araucaria hunsteinii*, *Artocarpus chaplasha*, *A. elasticus*, *A. scortechinii*, *Balanocarpus heimii*, *Canarium euphyllum*, *Castanea argentea*, *Castanopsis tribuloides*, *Dipterocarpus cornutus*, *D. pilosus*, *Dracontomelon* sp., *Dryobalanops aromatica*, *Durio zibethinus*, *Dyera costulata*, *Dysoxylum binectariferum*, *Elaeis guineensis*, *Elateriospermum tapos*, *Endospermum malaccense*, *Eucalyptus grandis*, *Eugenia argutata*, *Fagraea gigantea*, *Glochidion* sp., *Hopea* sp., *Horsfieldia* cf. *glabra*, *Lithocarpus* sp., *Mangifera indica*, *Neonauclea* sp., *Pasania sundaica*, *Pentacme suavis*, *Planchonella samoensis*, *Pometia* sp., *Pygeum parviflorum*, *Quercus fagifolia*, *Q. serrata*, *Sarcocephalus cordatus*, *Shorea assamica*, *S. bentongensis*, *S. bracteolata*, *S. faguetiana*, *S. kunstleri*, *S. leprosula*, *S. parvifolia*, *S. robusta*,

*Sindora* sp., *Sloanea sigun, Tectona grandis, Terminalia belerica, T. bialata, T. manni, Vatica lanceaefolia*.
References: (**ay**) Nakashima 1975: 6; Strohmeyer 1918: 34; 1920: 42. (**bv**) Beeson 1917; Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**cn**) Beeson 1915; Browne 1968b: 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. (**cc**) Beeson 1921b, 1923; Browne 1958b; Mayne & Donis 1951: 335; Nakashima 1975: 6; Stebbing 1914: 632. (**hb**) Beaver 1976b: 545; Beaver & Browne 1978: 617; Beaver & Loyttyniemi 1985b: 120; Beeson 1916a, 1917: 10, 1923; Browne 1938a, 1941: 65, 1949: 174–189, 1958b: 164–182, 1961c: 230, 1962: 93, 1963a: 264, 1968: 233; Kalshoven 1924c, 1960c: 45; Kleine 1932a: 311, 402; Lepesme 1947: 649; Loyttyniemi, Beaver, & Loyttyniemi 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 & Loeyttyniemi 1985b: 120; Beeson 1910: 223, 1916a: 223, 1921b: 23, 1923: 165, 1941: 341, 1961: 261; Bhasin, Roonwal, & Singh 1958: 92; Browne 1938a: 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: 8, 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: 268; 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. 1988b: 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, 1937b: 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, 1958i: 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: Kum, 11 miles from Mt. Hagen, W.H.D.; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Acmena* sp., *Castanopsis* sp., *Cryptocarya* sp., *Dryodaphnae* sp., *Lithocarpus* sp., *Nothofagus* sp., *Syzygium* sp.
References: (**ds**) Schedl 1972f: 264. (**tx**) Schedl 1969b: 225–226, 1972f: 264, 1978a: 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, Symingtonia populnea, Symplocos theaefolia*.
Notes: (3) Beeson 1941 (1961: 260) (*brochus* nomen nudum, *capitalis* nomen nudum, *discolor* nomen nudum, *spathulifer* 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, 1978a: 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., *Spherostenon* sp., *Syzygium* sp., *Terminalia* sp.
References: (**tx**) Roberts 1992:(in press).

***unispineus* Roberts** 1992:(in press). Holotype ♂; Papua New Guinea: Mo., Kuper Range, Wau, 2,300 m; BPBM, Honolulu.
Distribution: New Guinea.
Hosts: *Caldcluvia* 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* Strohmeyer, original designation. Synonymy: Wood 1969c: 118.
References: (**tx**) Browne 1949d: 73–76, 1960: 201–220, 1961c: 232–233, 1972a: 188; Schedl 1939e: 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; Strohmeyer 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. (**ec**) 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; Strohmeyer 1942: 284–287; Wood, S. L. 1969c: 118.
*irregularis* Browne 1970: 582 (*Diacavus*). Holotype ♂; Ceylon: in gurjun (*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 flavum, Dipterocarpus pilosus, Hopea 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, Yoneyema, & 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, 1985a: 190; Nobuchi 1977: 150; Ohno, Yoneyama, & Nakazawa 1987b: 90; Schedl 1966g: 34, 1972f: 267. (**tx**) Browne 1968a: 134; Nobuchi 1985: 330; Schedl 1942a: 216, 1966b: 102, 1966g: 42, 1972f: 267, 1978a: 23; Wood, S. L. 1969c: 118.

***diaphanus* (Schedl)** 1939e: 364 (*Diacavus*). Lectotype ♀; Malaya, Selangor: Sungei Buloh For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 24.
Distribution: Asia (Assam in India/ Malaya/ Vietnam), Indonesia (Sarawak in Borneo).
Hosts: *Anisoptera* sp., *Artocarpus* sp., *Dipterocarpus cornutus*, *Hopea odorata*, *Parashorea lucida*, *Shorea assamica*, *S. hypochra*, *S. leprosula*, *S. maxwelliana*.
Notes: (1) Wood 1969c: 118 (to *Genyocerus*). (3) Beeson 1941 (1961: 260) (*hopeae* 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 1939e: 364, 1962f: 168, 1966g: 42, 1972f: 267, 1972p: 159, 1978a: 24; Wood, S. L. 1969c: 118, 1978a: 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.

***dipterocarpi* 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); Bhasin, Roonwal, & Singh 1958; Browne 1981b: 598; Ohno, 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 1978a: 118.
Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo).
Hosts: *Shorea laevis*, *Vatica* sp.
Notes: (3) Browne 1962c: 219 (described female).
References: (**hb**) Browne 1961c: 233. (**ds**) Browne 1961c: 233, 1980a: 371, 1984c: 449; Ohno, Yoneyama, & Narazawa 1987a: 96; Schedl 1959c: 168, 1972f: 267. (**tx**) Browne 1962c: 219; Schedl 1942a: 218, 1972f: 267, 1978a: 29.

***frontalis* (Strohmeyer)** 1914f: 5 (*Diapus*). Holotype ♂; Borneo (Sarawak); Stettin Museum, presumably lost.
Distribution: Indonesia (Sarawak in Borneo).
Notes: (1) Schedl 1939e: 363 (to *Diacavus*), Wood 1969c: 118 (to *Genyocerus*).
References: (**ds**) Schedl 1972f: 267. (**tx**) Browne 1964: 760; Schedl 1939e: 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 *haticollis* 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.

***multiporus* (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, 1939e: 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, Philippinen; Schedl Collection in NHMW, Wien.
Figures: Nakashima 1975: 67 (mycetangia).
Distribution: Asia (introduced in Japan/ Malaya), Indonesia (Borneo), Philippine Islands.
Hosts: *Drybalanops 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 1978: 617. (**ds**) Beaver & Browne 1978: 618; 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, 1978a: 55.

*quadrideus* 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, 1978a: 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., *Hopea* sp.
Notes: (1) Roberts 1992:(in press) (subspecies established).
References: (**ds**) Schedl 1972f: 264. (**tx**) Roberts 1992:(in press); Schedl 1972f: 264, 1978a: 58.

***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, 1978a: 75.

***puer fergussonus* Roberts** 1992:(in press). Holotype ♂; Papua New Guinea: Mb: Gamadondou, 50 m; BPBM, Honolulu.
Distribution: New Guinea (Fergusson Island).
References: (**tx**) Roberts 1992:(in press).

***quadrifoveolatus* (Schedl)** 1970b: 369 (*Diacavus*). Holotype ♂; Sabah, Semporna (Borneo) to Miyako (Japan), imported; PPST, Tokyo.
Figures: Nobuchi 1978a: 80.
Distribution: Indonesia (Borneo).
Hosts: Lanan log.
References: (**ds**) Browne 1984c: 449; Nobuchi 1977: 149; Schedl 1972f: 268. (**tx**) Nobuchi 1978a: 80, 1978b: 82; Schedl 1970b: 369–370, 1972f: 268, 1978a: 60.

***quadriporus* (Schedl)** 1942a: 217 (*Diacavus*). Lectotype ♂; Malaya, Selangor, Buloh F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 60.
Distribution: Asia (Malaya), Philippine Islands.
Hosts: *Shorea bracteolata, S. parvifolia.*
Notes: (1) Wood 1969c: 118 (to *Genyocerus*).
References: (**hb**) Yunus & Hua 1980: 216. (**ds**) Schedl 1971c: 366, 1972f: 268; Yunus & Hua 1980: 216. (**tx**) Schedl 1942a: 217, 1972f: 268, 1978a: 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 1978a: 66.
Distribution: Asia (India/ Malaya), Indonesia (Sarawak in Borneo).
Hosts: *Dipterocarpus borneensis, Drybalanops oblongifolia, Hopea ferrea, Parashorea lucida, Shorea bracteolata, S. laevis, S. leprosula, S. macrocarpa, S. maxwelliana.*
Notes: (1) Wood 1969c: 118 (to *Genyocerus*).
References: (**en**) Browne 1949d. (**ec**) Browne 1958b. (**hb**) Beaver & Browne 1978: 618; Browne 1961c: 233–235; Browne 1936a, 1941, 1949d: 73, 1958b; Yunus & Hua 1980: 216. (**ds**) Beaver & Browne 1978: 618; Browne 1936a, 1941, 1949d, 1958b, 1961a: 317, 1961c: 233. (**ds**) Beaver & Browne 1978: 618; Beeson 1941 (1961: 260); Browne 1936a, 1961a: 317, 1961c: 233; Schedl 1936j: 22, 1959c: 168, 1964c: 305, 1972f: 268. (**tx**) Schedl 1936d: 17–18, 22, 1939e: 364, 1942a: 216, 1972f: 268, 1978a: 65.

***sexporus* (Schedl)** 1942a: 217 (*Diacavus*). Lectotype ♂; Malaya, Kuala Lumpur; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 66.
Distribution: Asia (Malaya).
Hosts: *Gonystylus* sp., *Shorea* 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: 582; Schedl 1942a: 217, 1972f: 268, 1978a: 66; Wood, S. L. 1969c: 118.

***shoreae* Browne** 1981b: 605. Holotype ♂; Butnan (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. Coimbatori 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 laneeaefolia.*
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; Nunberg 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 1972q: 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: Lauan 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: Strohmeyer 1914b: 18–19.

Platytarsulinae
References: Schedl 1972f: 83, 269.

### Genus *Platytarsulus* Schedl

PLATYTARSULUS SCHEDL 1935: 632. Type-species: *Platytarsulus 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: 168, 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** 1978: 36. Holotype ♂; Santibang?; BMNH, London.
Figures: Menier 1978: 37.
Distribution: Asia (Malaya), Indonesia (Borneo).
References: (**tx**) Menier 1978: 36.

***nanulus* 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; Nunberg 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: Nunberg 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; Strohmeyer 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; Strohmeyer 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.

*Tesserocephalus* Schedl 1936: 103. Type-species:

*Tesserocephalus forficula* Schedl, monobasic. Synonymy: Schedl 1972a: 116.
References: (**tx**) Schedl 1936i: 103, 1939b: 400.
References: (**ds**) Donrojeanni 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, 1935e: 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 1977e: 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 1896e; Equihua & Atkinson 1987: 16; Reichardt 1965b: 163; Schedl 1933c: 163, 1972f: 119; Strohmeyer 1911f: 204, 1912c: 20. (**tx**) Blandford 1896e: 114, 117; Equihua & Atkinson 1987: 16; Schedl 1933c: 163, 1940c: 203, 1941e: 157, 1972f: 119; Sharp 1880: 112; Strohmeyer 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.

***brasiliensis* Evers** 1910: 18. Holotype ♂; Curitiba, Parana (Sud-Brasilien); Hamburg Museum, lost.
Distribution: South America (Brazil).
References: (**ds**) Blackwelder 1947: 791; Schedl 1972f: 119; Strohmeyer 1912c: 19, 1914c: 40. (**tx**) Evers 1910: 18; Schedl 1972f: 119; Strohmeyer 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, Obydos; BMNH, London.
Distribution: South America (Brazil).
References: (**ds**) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Schedl 1972f: 119; Strohmeyer 1912c: 19. (**tx**) Chapuis 1865: 298; Schedl 1960c: 57, 1972f: 119; Strohmeyer 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.

***dewalquei* 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 1985: 144; Equihua & Atkinson 1987: 16; Estrada & Atkinson 1988: 213; Gemminger & Harold 1872: 2700; Nimberg 1963c: 107; Reichardt 1965b: 163; Schedl 1960a: 80, 1970e: 89, 1970f: 582, 1971f: 151, 1972f: 119, 1972g: 51, 1976a: 59, 1977e: 44, 1978c: 292, 1979e: 59; Strohmeyer 1912c: 19, 1914c: 40. (**tx**) Chapuis 1865: 300; Dejean 1837: 333; Equihua & Atkinson 1987: 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; Strohmeyer 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; Strohmeyer 1914c: 40. (**tx**) Chapuis 1865: 301; Reichardt 1957b: 163, 1965: 163; Schedl 1960c: 58, 1972a: 119; Strohmeyer 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 1896e: 115; Ferrer 1942; Gemminger & Harold 1872: 2701; Kalshoven 1963: 238; Schedl 1933c: 163, 1963c: 160, 1966f: 77; Strohmeyer 1912c: 19, 1914c: 40; Swabey 1935: 7. (**tx**) Blandford 1896e; Chapuis 1865: 303; Schedl 1937d: 43, 1940a: 328, 1952e: 123, 1952h: 14, 1960c: 59, 1972a: 119; Strohmeyer 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*, *Spondias purpurea*.
References: (**ds**) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Schedl 1972f: 119; Strohmeyer 1912c: 20, 1914c: 40. (**tx**) Chapuis 1865: 295; Nunberg 1939: 241, 1940: 69; Schedl 1937d: 43, 1952h: 74, 1960c: 57, 1972f: 119; Strohmeyer 1912c: 20, 1914c: 40.

***ericius* Blandford** 1896e: 115. Syntypes 18, ♂♀; Mexico (Orizaba), Guatemala (Cerro Zunil, 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; Strohmeyer 1912c: 20, 1914c: 40. (**tx**) Blandford 1896e: 114–115; Equihua & Atkinson 1987: 15, 16; Reichardt 1965b: 163; Schedl 1940a: 327–328, 1941e: 157, 1972f: 119; Strohmeyer 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; Strohmeyer 1912c: 20, 1914c: 40. (**tx**) Evers 1910: 18; Schedl 1972f: 119; Strohmeyer 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*, *Ocotea rodiaei*.
References: (**ds**) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Schedl 1960a: 78, 1966f: 94, 1967d: 5, 1970e: 89, 1971f: 151, 1972f: 119, 1972f: 51, 1976a: 59; Schonherr & Pedrosa-Macedo 1981: 58; Strohmeyer 1912c: 20, 1914c: 40. (**tx**) Chapuis 1865: 299; Schedl 1936c: 249, 1937d: 43, 1939b: 394, 1941e: 157, 1951h: 285, 1960c: 58, 1972f: 119; Strohmeyer 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; Strohmeyer 1912c: 20. (**tx**) Chapuis 1865: 310; Guerin-Meneville 1838a: 106; Lucas 1920: 633; Schedl 1941e: 157, 1960c: 61, 1972f: 119; Strohmeyer 1912c: 20. (**ms**) Lucas 1920: 633.

***insignis* (Saunders)** 1836: 155 (*Platypus*). Holotype ♀; Brasilia circum 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: 88, 1971f: 151, 1972f: 119, 1972g: 51, 1976a: 59, 1979e: 59; Schonherr & Pedrosa-Macedo 1981: 58; Strohmeyer 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; Nunberg 1959: 493; Saunders 1836: 155; Schedl 1935e: 150, 1936c: 249, 1936e: 61, 1937d: 43, 1939j: 565, 1941e: 157, 1951h: 285–

286, 1952d: 343, 1960c: 60, 1966e: 43, 1972f: 119–120; Sharp 1880: 112; Strohmeyer 1911c: 204, 1912c: 20, 1914c: 40. (**ms**) Lucas 1920: 633.

*bihamatus* Guerin-Meneville 1838a: 106. Holotype ♀; Bresil; MNHN, Paris. Synonymy: Schedl 1972f: 119.

References: (**ds**) Blackwelder 1947: 791. (**tx**) Guerin-Meneville 1838a: 106; Schedl 1972f: 119–120.

*ursus* Schedl 1935e: 149 (*Tesseroplatypus*). Holotype ♀; Parana, Brasilien; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1972f: 120.

References: (**ds**) Blackwelder 1947: 791. (**tx**) Schedl 1935e: 149, 1972f: 120, 1978a: 78.

***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; Strohmeyer 1912c: 20, 1914c: 40. (**tx**) Chapuis 1865: 302; Schedl 1960c: 58, 1972f: 120; Strohmeyer 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; Strohmeyer 1912c: 20, 1914c: 40. (**tx**) Chapuis 1865: 298; Schedl 1937d: 33, 43, 1960c: 57, 1972f: 120; Strohmeyer 1912c: 20, 1914c: 40.

***procer* (Erichson)** 1847: 138 (*Platypus*). Holotype ♀; not given; MNB, Berlin.

Distribution: South America (Bolivia/ Brazil/ Cayenne/ Guyana/ Peru/ Suriname/ Venezuela).

Hosts: *Catostemma* sp., *Simarubra simara*.

References: (**ds**) Blackwelder 1947: 791; Chapuis 1865; Gemminger & Harold 1872: 2701; Lacordaire 1866: 392; Schedl 1972f: 120, 1972g: 51, 1976a: 59, 1978c: 293; Strohmeyer 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; Strohmeyer 1912c: 20, 1914c: 40.

*obtusus* Chapuis 1865: 304. Syntypes 1♂, 1♀ (Schedl 1960c: 59); Guyane francaise, Cayenne et du Bresil, Ega; BMNH, London. Synonymy: Schedl 1960c: 59.

References: (**ds**) Blackwelder 1947: 791; Gemminger & Harold 1872: 2701; Schedl 1960a: 79; Strohmeyer 1912c: 20, 1914c: 40. (**tx**) Chapuis 1865: 304–305; Schedl 1936e: 61, 1941e: 157, 1952d: 343, 1952h: 74, 1958c: 2, 1960a: 79, 1960c: 59, 1972a: 120; Strohmeyer 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; Strohmeyer 1912c: 20. (**tx**) Schedl 1972a: 120; Shuckard 1838: 509; Strohmeyer 1912c: 20.

***quadridens* Schedl** 1972g: 84. Holotype ♂; Brasilien, Jacareacanga, Para; MZUSP, Sao Paulo.

Distribution: South America (Brazil).

Notes: (3) Schedl 1976a: 92 (described female).

References: (**tx**) Schedl 1972g: 84, 1976a: 92, 1978a: 60.

***retusus* Guerin-Meneville** 1838a: 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; Equihua & Atkinson 1987: 16; Gemminger & Harold 1872: 2701; Lacordaire 1866: 392; Schedl 1972f: 120; Strohmeyer 1912c: 20, 1914c: 40. (**tx**) Chapuis 1865: 294; Equihua & Atkinson 1987: 16; Guerin-Meneville 1838a: 106; Lacordaire 1866: 392; Lucas 1920: 633; Schedl 1960c: 56, 1972f: 120; Strohmeyer 1912c: 20, 1914c: 40. (**ms**) Lucas 1920: 633.

*affinis* Guerin-Meneville 1838: 106. Holotype ♀; Mexique; MNHN, Paris. Synonymy: Schedl 1972f: 120.

References: (**tx**) Guerin-Meneville 1838a: 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; Strohmeyer 1912c: 20, 1914c: 40. (**tx**) Chapuis 1865: 297; Schedl 1960c: 47, 1972f: 120; Strohmeyer 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 Francaise: Gourdonville, St.-Laurent du Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 66.

Distribution: South America (Cayenne).

References: (**ds**) Blackwelder 1947: 791; Nunberg 1958a: 482, 492; Schedl 1972f: 120. (**tx**) Nunberg 1958a: 482, 492; Schedl 1936c: 249, 1960h: 111, 1972f: 120, 1978a: 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 gordonifolis*, *Slonea multiflora*, *Vismia guianensis*.
References: (**ds**) Blackwelder 1947: 791; Equihua & Atkinson 1987: 16; Schedl 1972f: 120, 1972g: 52; Strohmeyer 1912c: 20, 1914c: 40. (**tx**) Blandford 1896e: 114, 116; Equihua & Atkinson 1987: 16; Schedl 1933c: 163, 1939j: 565, 1972f: 120, 1972g: 85, 1978a: 68; Strohmeyer 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 1987: 16; Ferrer 1942; Gemminger & Harold 1872: 2701; Schedl 1972f: 120; Strohmeyer 1912c: 20, 1914c: 40. (**tx**) Blandford 1896e: 115; Chapuis 1865: 307; Equihua & Atkinson 1987: 16; Schedl 1940a: 328, 1960c: 60, 1972f: 120; Sharp 1880: 112; Strohmeyer 1912c: 20, 1914c: 40.
*vegrandis* Schedl 1935e: 150 (*Tesseroplatypus*). 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; Strohmeyer 1912c: 20. (**tx**) Schedl 1972f: 120; Shuckard 1838: 508–509; Strohmeyer 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 1987: 18; Reichardt 1965b: 165; Schedl 1933c: 164, 1972f: 123, 1976a: 59. (**tx**) Equihua & Atkinson 1987: 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 thomsoni* 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; Nunberg 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 *Periommatus*).
References: (**ds**) Schedl 1972f: 253. (**tx**) Browne 1964: 753; Schedl 1972f: 253.

***javanus*** **Strohmeyer** 1913: 165. Syntypes ♂ ♀; Java (Banjoevangi); IPKE, Eberswalde.
Distribution: Indonesia (Java).
References: (**ds**) Schedl 1972f: 258; Strohmeyer 1914c: 43. (**tx**) Schedl 1972f: 258; Strohmeyer 1913: 165, 1914c: 43.

***nobilis*** **Chapuis** 1865: 315. Syntypes 2♂; Nouvelle-Guinee; BMNH, London.
Distribution: New Guinea.
References: (**ds**) Browne 1980a: 373; Gemminger & Harold 1872: 2701; Nobuchi 1977: 143; Ohno, Yoshioka, et al. 1988b: 98, 1989: 67; Schedl 1962i: 73, 1972f: 258; Strohmeyer 1912c: 21, 1914c: 43. (**tx**) Chapuis 1865: 315; Schedl 1960c: 61, 1962i: 73, 78, 1972f: 258, 1978a: 47; Strohmeyer 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 *Periommatus*).
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 *Periommatus*).
References: (**ds**) Schedl 1966b: 101, 1972f: 255.

(**tx**) Nobuchi 1985: 330; Schedl 1942a: 216, 1972f: 255, 1978a: 55.

***sumatranus* Schedl** 1935j: 4. Lectotype ♀; N.O. Sumatra, Tebing-tinggi; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 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, 1978a: 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**) Strohmeyer 1918: 21. (**bv**) Meixner 1937: 1218. (**cc**) Fuller 1958: 100. (**ds**) Browne 1980a: 371; Gemminger & Harold 1872: 2701; Lacordaire 1866: 392; Schedl 1971c: 367, 1972f: 258; Strohmeyer 1911f: 204, 1912c: 21, 1914c: 43. (**tx**) Chapuis 1865: 314; Hopkins 1914: 129; Lacordaire 1866: 392; Lucas 1920: 572; Meixner 1937: 1218; Schedl 1937d: 44, 1942c: 165, 1960h: 61, 1972f: 256–258; Strohmeyer 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.

*Asetus* Nunberg 1958a: 10. Type-species: *Periommatus severini* Strohmeyer, designated by Wood 1992a: 90. Synonymy: Schedl 1972f: 250.
References: (**tx**) Nunberg 1958a: 10; Schedl 1972f: 250; Wood, S. L. 1992a: 90.

*Setantus* Nunberg 1966b: 25. Type-species: *Periommatus titschacki* Schedl, original designation. Synonymy: Schedl 1972f: 250.
References: (**tx**) Nunberg 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; Nunberg 1953: 44, 1958a: 1–57, 1966b: 17–39, 1968b: 373–380; Sampson 1924: 132–133; Schedl 1933c: 164, 1933f: 204, 1935e: 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; Strohmeyer 1911c: 105, 1912a: 17–18, 27–28, 1912c: 21, 1914b: 4–42, 1918: 1–46.

***abruptus* Nunberg** 1966b: 26. Holotype ♂; Idanre, Nigeria; Federal Department of Forest Research in Ibadan, Nigeria.
Figures: Nunberg 1966b: 39.
Distribution: Africa (Nigeria).
Hosts: *Strombosia pustula*.
References: (**ds**) Nunberg 1966b: 20, 26; Roberts 1968: 192; Schedl 1972f: 252. (**tx**) Nunberg 1966b: 26, 39; Schedl 1972f: 252.

***angustior* Schedl** 1954e: 87. Lectotype ♂; Sunyani [Gold Coast]; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 11.
Figures: Nunberg 1966b:pl. 2, figs. 22, 25.
Distribution: Africa (Ghana/ Nigeria/ Zaire).
Hosts: *Chlorophora excelsa, Funtumia elastica, Terminalia superba, Xylopia* sp.
Notes: (3) Nunberg 1958b: 22 (description quoted), Schedl 1972f: 253 (a subspecies of *excisus*).
References: (**ds**) Browne 1983a: 556; Nunberg 1968b: 373; Roberts 1960b: 35, 1960e, 1960f; Schedl 1962k: 1029, 1966c: 234, 1967e: 222, 1972f: 253. (**tx**) Nunberg 1958b: 22, 1966b: 32; Schedl 1954e: 59, 87, 1962k: 1029, 1972f: 253, 1978a: 11.

*simillimus* Nunberg 1966b: 34. Holotype ♂; Nigerien, Oban; Federal Department of Forest Research in Ibadan, Nigeria. Synonymy: Schedl 1972f: 253.
References: (**ds**) Nunberg 1966b: 21; Roberts 1968: 193. (**tx**) Nunberg 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* Nunberg** 1958b: 23. Holotype ♀; Congo Belge: Sankuru; MRCB, Tervuren.
Figures: Nunberg 1958b:pl. 1, figs. 1–5.
Distribution: Africa (Uganda/ Zaire).
References: (**ds**) Browne 1972c: 103, 1983a: 556; Schedl 1972: 252. (**tx**) Browne 1972c: 103; Nunberg 1958b: 23; Schedl 1972f: 252.

***basilewskyi* Nunberg** 1958b: 24. Holotype ♂; Congo Belge: Ruanda, Bumba; MRCB, Tervuren.
Distribution: Africa (Zaire).
References: (**ds**) Schedl 1972f: 252. (**tx**) Nunberg 1958b: 24; Schedl 1972f: 252.

***bicallosus* Schedl** 1971g: 199. Holotype ♂; Guinea espanol, Mik'meseng; 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: Nunberg 1966b:pl. 2, figs. 4–11.
Distribution: Africa (Angola/ Cameroon/ Nigeria).
Notes: (3) Nunberg 1958b: 26 (description quoted), 1966: 27 (described female).
References: (**ds**) Ferreira 1965: 1134; Nunberg

1966b: 20; Roberts 1968: 193; Schedl 1959p: 23, 1962k: 1035, 1972f: 252. (**tx**) Nunberg 1958b: 26, 1966b: 27, 39; Schedl 1936b: 134, 1962k: 1035, 1972f: 252, 1978a: 15

***bispinus*** **Strohmeyer** 1912c: 19. Syntypes 3 ♂; Kamerun; Strohmeyer Collection.
Figures: Nunberg 1958b:pl. 1, figs. 11–17, pl. 2, figs. 1–4.
Distribution: Africa (Cameroon/ Equatorial Guinea/ Ghana/ Guinea/ Ivory Coast/ Nigeria/ Zaire).
Hosts: *Albizzia zygia, Celtis soyauxii, Xylopia villosa*.
Notes: (3) Nunberg 1968b: 374–375 (named aberration *brevispinatus*, no status).
References: (**ay**) Strohmeyer 1918: 18, 1920: 22. (**ds**) Nunberg 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**) Nunberg 1958b: 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: Mauda) (Schedl 1978a: 19); Schedl Collection in NHMW, Wien.
Figures: Nunberg 1966b:pl. 1, figs. 1–2.
Distribution: Africa (Uganda/ Zaire).
Hosts: *Celtis brieyi, Cynometra haukei*.
References: (**ds**) Mayne & Donis 1962: 579; Nunberg 1966b: 18; Schedl 1962h: 63, 1962k: 1030, 1972f: 252. (**tx**) Nunberg 1958b: 32, 1966b: 18; Schedl 1935e: 174, 1941d: 421, 1962k: 1030, 1972f: 252, 1978a: 19.
*circularis circulariceps* 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 ♂; Ogooue [French West Africa]; Schedl Collection in NHMW, Wien.
Distribution: Africa (Gabon).
References: (**ds**) Schedl 1972f: 252. (**tx**) Nunberg 1958b: 12; Schedl 1941d: 420, 1957d: 148, 1962k: 1036, 1972f: 252, 1978a: 20.

***congoanus*** **Nunberg** 1958b: 33. Holotype ♀; [Belge. Congo] Maniema, bei riv. Kasa-Niemba; MRCB, Tervuren.
Distribution: Africa (Zaire).
References: (**en**) Mayne & Donis 1951: 332. (**ee**) Mayne & Donis 1951: 332. (**ds**) Schedl 1972f: 252. (**tx**) Nunberg 1958b: 33; Schedl 1972f: 252.

***costatus*** **Nunberg** 1966b: 28. Holotype ♂; Nigerien, Oban; Federal Department of Forest Research in Ibadan, Nigeria.
Figures: Nunberg 1966b:pl. 2, figs. 12–13.
Distribution: Africa (Nigeria).
References: (**ds**) Nunberg 1966b: 20; Roberts 1968: 193; Schedl 1972f: 253. (**tx**) Nunberg 1966b: 39; Schedl 1972f: 253.

***defranatus*** **Schedl** 1941d: 420. Holotype ♂; Ogooue [French West Africa]; Schedl Collection in NHMW, Wien.
Distribution: Africa (Congo/ Equatorial Guinea/ Gabon/ Zaire).
Notes: (3) Nunberg 1958b: 34 (description quoted).
References: (**ds**) Schedl 1966c: 234, 1971g: 195, 1972f: 253. (**tx**) Nunberg 1958b: 34; Schedl 1941d: 420, 1962k: 1034, 1972f: 253, 1978a: 24.

***elongatus*** **Nunberg** 1958b: 35. Holotype ♂; Belgisch-Congo, Elisabethville; MRCB, Tervuren.
Figures: Nunberg 1958b:pl. 3, figs. 5–8.
Distribution: Africa (Zaire).
References: (**ds**) Schedl 1972f: 253. (**tx**) Nunberg 1958b: 35; Schedl 1972f: 253.

***excisus*** **Strohmeyer** 1912: 22. Holotype ♂; Kongo; Strohmeyer Collection.
Figures: Mayne & Donis 1962: 279, Nunberg 1958b: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/ Zaire).
Hosts: Browne 1963a: 247, Schedl 1962k: 1020–1023 (lists many hosts). *Hypodaphnis* sp.
Notes: (3) Nunberg 1958b: 37 (named aberration *sulcatus*, synonymy in Schedl 1972f: 253).
References: (**ay**) Lhoste & Roche 1960; Roche & Lhoste 1960: 2056. (**en**) Thompson, G. H. 1960. (**ee**) 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; Nunberg 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; Nunberg 1958b: 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/ Zaire).

Notes: (3) Nunberg 1958b: 37 (description quoted), 1966: 23 (redescribed female).

References: (**ay**) Strohmeyer 1918: 17. (**ds**) Nunberg 1966b: 19; Schedl 1972f: 253; Strohmeyer 1911c: 106, 1912c: 21, 1914c: 42. (**tx**) Nunberg 1958b: 37, 1966b: 23; Schedl 1962k: 1036, 1972f: 253; Strohmeyer 1911c: 106, 1912a: 24, 1912c: 21, 1914c: 42.

***grandis*** **Schedl** 1953g: 248. Syntypes, sex?; Kamerun: Umgeb. Kamerunberg, Missellele, Congo Belge: Mayidi, Moto, Stanleyville; MRCB, Tervuren and Schedl Collection in NHMW, Wien.

Figures: Nunberg 1958b:pl. 3, figs. 19–20.

Distribution: Africa (Cameroon/ Equatorial Guinea/ Ghana/ Ivory Coast/ Kenya/ Nigeria/ Uganda/ Zaire).

Hosts: Schedl 1962k: 1005–1009 (numerous hosts listed).

Notes: (1) Schedl 1978a: 33 (citation of holotype invalid). (3) Nunberg 1958b: 37 (description quoted), Schedl 1972f: 254 (treated as a subspecies of *longicollis*).

References: (**ds**) Browne 1983a: 556; Cachan 1957: 15; Gardner 1957a: 29; Jones, Roberts, & Baker 1959: 13–53; Mayne & Donis 1960: 98, 1962: 280; Nunberg 1966b: 19; Roberts 1960b: 36, 39, 1960e, 1960f, 1968: 193; Schedl 1962h: 63, 1962k: 1005, 1964f: 620, 1967e: 222, 1971g: 196, 1972e: 286, 1972f: 620; Thompson, G. H. 1963: 55. (**tx**) Nunberg 1958b: 37; Powell, W. 1987: 28; Sampson 1924: 133; Schedl 1933f: 204, 1939b: 384, 1950d: 12, 1953g: 248, 1954e: 60, 86, 1962h: 63, 1962k: 1005, 1972f: 254, 1978a: 33.

***inermis*** **Strohmeyer** 1912a: 26. Syntypes ♂♀; Kinchassa, Kongo; Strohmeyer Collection.

Figures: Nunberg 1958b:pl. 3, figs. 14–18.

Distribution: Africa (Zaire).

Hosts: *Scorodophloeus zenkeri*.

References: (**ds**) Nunberg 1966b: 18; Schedl 1933f: 204, 1962k: 1033, 1972f: 255; Strohmeyer 1912c: 21, 1914c: 42. (**tx**) Nunberg 1958b: 12; Sampson 1924c: 132; Schedl 1933f: 204, 1950d: 5, 1962k: 1033, 1972f: 255; Strohmeyer 1912a: 18, 26, 28, 1912c: 21, 1914c: 42.

***kreczmeri*** **Nunberg** 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; Nunberg 1958b: 38; Schedl 1972f: 253, 1977b: 273.

***latescapus*** **Nunberg** 1968b: 378. Holotype ♀; Obudu Cattle Ranch, Nigeria: Federal Department of Forest Research in Ibadan, Nigeria.

Figures: Nunberg 1968b: 377.

Distribution: Africa (Nigeria).

References: (**ds**) Nunberg 1968b: 374; Roberts 1968: 193; Schedl 1972f: 253. (**tx**) Nunberg 1968b: 377–378; Schedl 1972f: 253.

***latespinatus*** **Nunberg** 1969b: 196. Holotype ♂; Nord-Nigerien, Gyel Nyaki; BMNH, London.

Distribution: Africa (Congo/ Nigeria).

References: (**ds**) Browne 1972c: 100; Schedl 1972f: 254. (**tx**) Nunberg 1969b: 196; Schedl 1972f: 254.

***longicollis*** **Chapuis** 1865: 318. Syntypes ♂; Cap de Bonne-Esperance; apparently at MNHN, Paris.

Figures: Lhoste & Roche 1960:fig. 1, Nunberg 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/ Zaire/ Zambia/ Zimbabwe).

Hosts: Browne 1963a: 248, Schedl 1962k: 1012–1013, 1017 (numerous hosts listed).

Notes: (3) Nunberg 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; Strohmeyer 1912c: 21, 1914c: 42. (**tx**) Chapuis 1865: 318; Hopkins 1914: 126, 134; Lacordaire 1866: 392–394; Lucas 1920: 494; Nunberg 1958b: 40; Sampson 1924: 132; Schedl 1952j: 7, 1953g: 248, 1954e: 59, 1957d: 149, 1960c: 61–62, 1962k: 1002, 1972f: 254; Strohmeyer 1912a: 17–18, 27, 1912c: 21, 1914c: 42. (**ms**) Lucas 1920: 494.

*camerunus* Strohmeyer 1912a: 21. Syntypes, sex?; Kamerun; IPKE, Eberswalde.

Notes: (1) Schedl 1972f: 254 (a subspecies of *longicollis*). (3) Nunberg 1958b: 29 (description quoted, redescribed).

References: (**ay**) Lhoste & Roche 1960; Roche 1960: 2056–2058; Roche & Lhoste 1960: 385–386; Strohmeyer 1918: 18. (**ec**) Roche & Lhoste 1960: 385–386. (**hb**) Beaver & Loyttyniemi 1985b: 119. (**ds**) Beaver & Loyttyniemi 1985b: 119; Browne 1962: 93, 1963: 248, 1975a: 757, 1975b: 395, 1980c: 495, 1984c: 450; Cachan 1957: 15; Gardner 1957a: 29; Mayne & Donis 1950: 332, 1960: 98, 1962: 278; Nunberg 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, 1972e: 286, 1972f: 254, 1972k: 296, 1977a: 273, 1982: 279; Strohmeyer 1911c: 106, 1912c: 21, 1914c: 42; Thompson, G. H. 1963: 55; Wood, S. L. 1957e: 1272. (**tx**) Lhoste & Roche 1960:fig. 1; Nunberg 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; Strohmeyer 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 1978a: 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, 1978a: 18.

*camerunus brevestrigatus* Nunberg 1958b: 32. Holotype ♀; Belgisch Congo, Lulonga-Befale; MRCB, Tervuren. Synonymy: Schedl 1972f: 254.

References: (**ds**) Schedl 1972f: 254. (**tx**) Nunberg 1958b: 11, 32; Schedl 1972f: 254.

*camerunus crebrestrigatus* Nunberg 1972c: 133. Holotype, sex?; Bafulngemba, 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: Bokuma; 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** 1958: 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 1958a: 13, 1966b: 21, 37; Schedl 1972f: 254.

***major* Strohmeyer** 1912a: 20. Syntypes 1♂, 1♀; Kamerun; Strohmeyer Collection.

Figures: Nunberg 1958a:pl. 4, figs. 13–19

Distribution: Africa (Cameroon/ Nigeria).

Notes: (3) Nunberg 1958a: 41 (description quoted, redescribed), Schedl 1972f: 254 (treated as a subspecies of *longicollis*).

References: (**ds**) Nunberg 1958a: 41, 1966b: 20; Roberts 1968: 193; Schedl 1933f: 204, 1972f: 254; Strohmeyer 1912c: 21, 1914c: 42. (**tx**) Sampson 1924c: 133; Schedl 1933f: 204, 1939b: 384, 1950d: 12, 1953g: 248, 1954e: 60, 86, 1962k: 1004–1005, 1972f: 254; Strohmeyer 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* Strohmeyer** 1912a: 21. Syntypes ♂♀; Deutsch Ostafrika (Mkulusumi-Berg), Nguelo; IPKE, Eberswalde.

Figures: Nunberg 1958a:pl. 4, figs. 1–8.

Distribution: Africa (Cameroon/ Kenya/ Tanzania/ Zaire), Madagascar.

Hosts: *Albizzia zygia, Pansinystalia* sp.

Notes: (3) Nunberg 1958a: 43 (description quoted, redescribed), Schedl 1972f: 254 (treated as a subspecies of *longicollis*).

References: (**hb**) Strohmeyer 1911a: 182. (**ds**) Beaver & Loyttyniemi 1985b: 120; Nunberg 1958a: 43, 1966b: 19, 1968b: 374; Roberts 1968: 193; Schedl 1933f: 204, 1938d: 452, 1962k: 1004, 1966c: 234, 1972f: 254, 1977b: 275; Strohmeyer 1911a: 182, 1912c: 21, 1914c: 42. (**tx**) Schedl 1933f: 204, 1937d: 44, 1962k: 1004–1005, 1966c: 234, 1972f: 254, 1977b: 275; Strohmeyer 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 pachyceras*.

References: (**ds**) Nunberg 1966b: 21; Schedl 1972f: 254. (**tx**) Nunberg 1966b: 30, 39; Schedl 1972f: 254.

***nitidicollis* Strohmeyer** 1912a: 23. Syntypes, sex?; Kamerun, Deutsch Ostafrika; IPKE, Eberswalde.

Figures: Nunberg 1958a:pl. 4, figs. 1–15.

Distribution: Africa (Angola/ Cameroon/ Congo/ Ghana/ Ivory Coast/ Nigeria/ Tanzania/ Zaire).

Hosts: *Chlorophora excelsa, Enantia clorantha, Oxystigma msoo*.

Notes: (3) Nunberg 1958a: 44 (description

quoted, redescribed), Schedl 1972f: 253 (a subspecies of *excisus*).
References: (**hb**) Strohmeyer 1911a: 182. (**ds**) Ferreira 1965: 1135; Nunberg 1952: 22, 1958a: 44, 1965b: 22, 1966b: 19, 1968b: 374; Roberts 1968: 193; Schedl 1933f: 205, 1959p: 23, 1962k: 1024, 1972e: 285, 1972h: 253; Strohmeyer 1911a: 182, 1912c: 21, 1914c: 42. (**tx**) Nunberg 1952: 22; Schedl 1933f: 205, 1941e: 157, 1950d: 5, 1953g: 245, 1954d: 875, 1954e: 87, 1962k: 1024, 1972f: 253; Strohmeyer 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*** **Strohmeyer** 1912a: 24. Holotype ♂; Kamerun; IPKE, Eberswalde.
Figures: Nunberg 1958b:pl. 5, figs. 14–16.
Distribution: Africa (Cameroon/ Congo/ Ivory Coast/ Nigeria/ Sierra Leone/ Zaire).
References: (**ds**) Browne 1965a: 205, 1972c: 100; Nunberg 1952: 22, 1965b: 22, 1966b: 21; Roberts 1968: 193; Schedl 1972f: 253; Strohmeyer 1912c: 21, 1914c: 42. (**tx**) Nunberg 1952: 22, 1958b: 46, 1964: 22; Sampson 1924c: 132; Schedl 1962k: 1026, 1972f: 253; Strohmeyer 1912a: 24–27, 1912c: 21, 1914c: 42.

***pseudocamerunus*** **Nunberg** 1958b: 47. Syntypes 2 ♀; Kasenya [Congo], N. Rhodesia; 1 in MRCB, Tervuren, 1 in IZW, Warsaw.
Distribution: Africa (South Africa/ Zaire/ Zambia/ Zimbabwe).
References: (**ds**) Beaver & Loyttyniemi 1985b: 120; Nunberg 1966b: 19; Schedl 1972f: 255. (**tx**) Nunberg 1958b: 47; Schedl 1972f: 255.

***pseudogracilis*** **Nunberg** 1969b: 198. Holotype ♀; Nord-Nigerien, Gyel Nyaki; BMNH, London.
Distribution: Africa (Nigeria).
References: (**ds**) Schedl 1972f: 255. (**tx**) Nunberg 1969b: 198; Schedl 1972f: 255.

***pseudomajor*** **Schedl** 1954e: 86. Lectotype ♂; Mpraeso [Gold Coast]; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 58.
Figures: Nunberg 1966b:pl. 2, figs. 18–21.
Distribution: Africa (Cameroon/ Ghana/ Ivory Coast/ Nigeria).
Hosts: *Ficus exasperata, Sterculia oblonga*.
Notes: (3) Nunberg 1958b: 48 (description quoted), 1966b: 33 (described female), Schedl 1972f: 254 (a subspecies of *longicollis*).
References: (**ds**) Nunberg 1966b: 21; Roberts 1968: 193; Schedl 1962k: 1003, 1972e: 286, 1972f: 254; Thompson, G. H. 1963: 55. (**tx**) Browne 1970: 577; Nunberg 1958b: 48, 1966b: 21, 33–34, 39; Schedl 1954e: 60–63, 86, 1962k: 1003, 1972e: 277–294, 1972f: 254, 1978a: 58.

***pseudoseverini*** **Nunberg** 1958b: 15. Holotype ♂; [Congo] Sankuru: Lodja; MRCB, Tervuren.
Figures: Nunberg 1958b:pl. 6, figs, 1–8.
Distribution: Africa (Zaire).
References: (**ds**) Schedl 1972f: 255. (**tx**) Nunberg 1958b: 15; Schedl 1972f: 255.

***quinquespinatus*** **Nunberg** 1958b: 48. Holotype ♂; Congo Belge (Katanga: Lufudizi); MRCB, Tervuren.
Figures: Nunberg 1958b:pl. 6, figs. 9–14.
Distribution: Africa (Zaire).
References: (**ds**) Schedl 1972f: 255. (**tx**) Nunberg 1958b: 48; Schedl 1972f: 255.

***robertsi*** **Nunberg** 1972c: 134. Holotype ♂; Nigeria: Nindam Forest Reserve; Roberts Collection.
Distribution: Africa (Nigeria).
References: (**tx**) Nunberg 1972c: 134.

***severini*** **Strohmeyer** 1912a: 25. Syntypes, sex?; Kinchassa, Kongo; IPKE, Eberswalde.
Figures: Nunberg 1958b:pl. 6, figs. 15–22.
Distribution: Africa (Zaire).
Notes: (3) Nunberg 1958b: 18 (description quoted, redescribed), Nunberg 1959b: 127 (reported also as a fossil).
References: (**ds**) Nunberg 1959b: 127, 1966b: 18; Schedl 1933f: 204, 1962k: 1032, 1966c: 235, 1972: 255; Spahr 1981: 79; Strohmeyer 1912c: 21, 1914c: 42. (**tx**) Nunberg 1958b: 18, 1959b: 127; Sampson 1924c: 132; Schedl 1933f: 204, 1941d: 422, 1962k: 1032, 1972f: 255; Strohmeyer 1912a: 25–28, 1912c: 21, 1914c: 42.

***signatus*** **Strohmeyer** 1912a: 25. Syntypes ♂♀; Kamerun; IPKE, Eberswalde.
Figures: Nunberg 1958b:pl. 7, figs. 1–5.
Distribution: Africa (Cameroon/ Zaire).
Notes: (3) Nunberg 1958b: 50 (description quoted, redescribed).
References: (**ds**) Nunberg 1966b: 19; Schedl 1972f: 255; Strohmeyer 1912c: 21, 1914c: 42. (**tx**) Nunberg 1958b: 48–50; Schedl 1962k: 1035, 1972f: 255; Strohmeyer 1912a: 25, 27, 1912c: 21, 1914c: 42.

***similis*** **Strohmeyer** 1912a: 22. Syntypes ♂♀; Kamerun; 3♂ in Strohmeyer Collection.
Figures: Nunberg 1958b:pl. 7, figs. 6–8, 1966b:pl. 1, figs. 9, 11–13.
Distribution: Africa (Cameroon/ Ghana/ Zaire).
Hosts: *Bolbocranius bicolor, Isoloma brunceli, Scorodophloeus zenkeri*.
Notes: (3) Nunberg 1958b: 51 (description quoted), 1966: 24 (described female), Schedl 1972f: 253 (a subspecies of *excisus*).
References: (**ds**) Browne 1980b: 382; Nunberg 1966b: 19; Schedl 1962k: 1029, 1966c: 234, 1972e: 286, 1972f: 253; Strohmeyer 1912c: 21, 1914c: 42. (**tx**) Nunberg 1958b: 51, 1966b: 19, 24–25, 37; Schedl 1935e: 174, 1962k: 1029, 1972f: 253; Strohmeyer 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) Nunberg 1958b: 20 (description quoted).
References: (**ds**) Schedl 1962k: 1031, 1972f: 255. (**tx**) Nunberg 1958b: 20; Schedl 1941d: 421, 1962k: 1031, 1966c: 239, 1972f: 255, 1978a: 70.

***subrobustus* Schedl** 1957d: 149. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Figures: Nunberg 1958b:pl. 7, figs. 17–20.
Distribution: Africa (Ghana/ Nigeria/ Uganda/ Zaire).
Hosts: *Afrostyrax lepidophyllus, Anonidium mannii, Beilschmiedia gilbertii, Macaranga* cf. *laucifolia, Maesopsis eminii, Mitragyne* sp., *Scorodophloeus zenkeri*.
Notes: (3) Schedl 1972f: 253 (treated as a subspecies of *excisus*).
References: (**ds**) Mayne & Donis 1960: 98, 1962: 280; Schedl 1962k: 1027, 1972e: 286, 1972f: 253. (**tx**) Nunberg 1958b: 51; Schedl 1957d: 149, 1962k: 1027, 1972f: 253, 1978a: 71.

***substriatus* Strohmeyer** 1912a: 23. Syntypes ♂♀; Kamerun; IPKE, Eberswalde.
Figures: Nunberg 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 suaveolens, Synsepalum subcordatum, Terminalia ivorensis, Xylopia aethiopica*.
Notes: (3) Nunberg 1958b: 52 (description quoted), Schedl 1972f: 253 (a subspecies of *excisus*.
References: (**hb**) Thompson, G. H. 1963: 55. (**ds**) Mayne & Donis 1960: 98, 1962: 280; Nunberg 1966b: 21, 1968b: 374; Roberts 1968: 374; Schedl 1933f: 205, 1972e: 286, 1972f: 253; Strohmeyer 1912c: 21, 1914c: 42; Thompson, G. H. 1963: 55. (**tx**) Nunberg 1958b: 52; Schedl 1933f: 205, 1937d: 44, 1954e: 48, 60, 65, 71, 1962k: 1026, 1972f: 253; Strohmeyer 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 1978a: 74.
Figures: Nunberg 1958b:pl. 7, fig. 24.
Distribution: Africa (Tanzania).
Notes: (3) Nunberg 1958b: 52 (description quoted), Schedl 1957d: 147 (described female).
References: (**ds**) Schedl 1962k: 1034, 1972f: 255. (**tx**) Nunberg 1958b: 52, 1966b: 25; Schedl 1935e: 154, 1937d: 44, 1939b: 390, 403, 1957d: 147–148, 1962k: 1034, 1972f: 255, 1978a: 74.

***triquetrus* Schedl** 1941d: 423. Holotype ♂; Congo Belge: Likimi, Bondia, Monveda; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
Notes: (3) Nunberg 1958b: 53 (description quoted), Schedl 1972f: 253 (a subspecies of *excisus*).
References: (**ds**) Schedl 1972f: 253. (**tx**) Nunberg 1958b: 53; Schedl 1941d: 423, 1972f: 253, 1978a: 75.

***truncatellus* Schedl** 1957d: 148. Holotype ♂; Congo Belge: Kinchassa; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
References: (**ds**) Schedl 1972f: 255. (**tx**) Schedl 1957d: 148, 1962k: 1036, 1972f: 255, 1978a: 75.

***truncatiformis* Schedl** 1941d: 422. Holotype ♂; Congo; Schedl Collection in NHMW, Wien.
Distribution: Africa (Senegal/ Zaire).
Notes: (3) Nunberg 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**) Nunberg 1958b: 20; Schedl 1941d: 422, 1950d: 5, 1962k: 1032, 1972f: 255, 1978a: 75.

*planifrons* Schedl 1941d: 423. Holotype ♀; Casamance [Senegal]; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1972f: 255.
Notes: (3) Nunberg 1958b: 15 (description quoted).
References: (**tx**) Nunberg 1958b: 15; Schedl 1941d: 422–423, 1972f: 255, 1978a: 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 1978a: 76.
Figures: Nunberg 1958b:pl. 7, figs. 21–23.
Distribution: Africa (Equatorial Guinea/ Zaire).
Notes: (3) Nunberg 1958b: 21 (description quoted).
References: (**ds**) Schedl 1962k: 1031, 1971f: 196, 1972f: 255. (**tx**) Nunberg 1958b: 21; Schedl 1936b: 135–136, 1950d: 5, 1962k: 1031, 1037, 1972f: 255, 1978a: 76.

## Genus *Chaetastus* Nunberg

CHAETASTUS NUNBERG 1953: 44. Type-species: *Symmerus tuberculatus* Chapuis, automatic.
*Symmerus* Chapuis 1865: 42, 319. Type-species: *Symmerus tuberculatus* Chapuis, monobasic, preoccupied by Walker 1848.
References: (**tx**) Browne 1972a: 179; Chapuis 1865: 319–321; Hopkins 1914: 136, 1915c: 227; Lacordaire 1866: 389, 395; Nunberg 1953: 44; Sampson 1924: 133; Schedl 1933f:

203, 1936e: 62, 1937d: 44, 1939b: 390–401, 1956d: 145; Strohmeyer 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.

***montanus*** **Schedl** 1957d: 145. Holotype ♂; Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren.
Distribution: Africa (Brundi/ Kenya/ Nigeria/ Ruanda/ Tanzania/ Uganda/ Zaire).
Hosts: Browne 1971: 17 and Schedl 1962k: 1051–1052 (many hosts listed).
Notes: (3) Browne 1971c: 16 (redescribed).
References: (**bv**) Jones 1960c: 231. (**cn**) Curry 1958b: 128–132. (**ds**) Browne 1971c: 16; Gardner 1957a: 30, 1957b: 204; Jones 1960: 3; Mayne & Donis 1962: 288; Roberts 1960: 241, 1962: 1050, 1968: 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, 1978a: 45.

***persimilis*** **(Schedl)** 1933f: 203 (*Symmerus*). Lectotype ♂; Haut-Uele: Adra, Congo-Kinshasa; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 54.
Figures: Schedl 1962k: 1048 (male).
Distribution: Africa (Cameroon/ Congo/ Fernando Po Island/ Gabon/ Nigeria/ Ruanda/ Sao Tome Island/ Zaire).
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: 382; 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, 1978a: 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: *Anthocleista nobilis.*
Notes: (3) Browne 1971: 18 (redescribed).
References: (**cc**) Schedl 1962k: 1050. (**ds**) Browne 1971c: 18. (**tx**) Browne 1971c: 18; Schedl 1957d: 145–146, 1962k: 1050, 1972f: 128, 1978a: 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/ Zaire/ Zambia).
Hosts: Browne 1971c: 14 and Schedl 1962k: 1043–1046 (many hosts listed).
References: (**bv**) Jones 1960c: 231; Loyttyniemi, Beaver, & Loyttyniemi 1985: 28; Meixner 1937: 1218. (**cn**) Duffy 1956: 198; Thompson, G. H. 1959b: 420. (**cc**) Roberts 1969a; Schedl 1962k: 1040. (**hb**) Anonymous 1959i: 18; Beaver & Loyttyniemi 1985b: 114; Browne 1963a: 248; Loyttyniemi, Beaver, & Loyttniemi 1985: 28; Schedl 1962k: 1040. (**ds**) Beaver & Loeyttyniemi 1985b: 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; Strohmeyer 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; Strohmeyer 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; Nunberg 1963c: 109; Schedl 1939b: 401, 1960c: 62; Strohmeyer 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* Nunberg** 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**) Nunberg 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 fur 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 ♂; Columbien; Schedl Collection in NHMW, Wien.
Distribution: South America (Colombia).
References: (**ds**) Schedl 1966f: 79, 128, 1972f: 130.

*robustulum* Schedl 1972f: 130. Holotype ♂; Columbien; 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: 89; Schedl 1952d: 365–366, 1972f: 130, 1978a: 63.

° ***succinicaptus*** **Schedl** 1962g: 1036. Holotype ♀; Mexican amber, late Oligocene to early Miocene, 12 km SE Simojovel (U.C.M.P. no. 12718 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; Strohmeyer 1912c: 22, 1914c: 45. (**tx**) Chapuis 1865: 327–329; Hopkins 1914: 117; Lacordaire 1866: 397; Schedl 1935e: 152, 1937d: 44, 1972f: 130; Strohmeyer 1912c: 22, 1914c: 45.

## Genus *Mitosoma* Chapuis

MITOSOMA CHAPUIS 1865: 43, 322. Type-species: *Mitosoma crenulata* Chapuis, monobasic.
*Platypicerus* Nunberg 1953: 46. Type-species: *Platypicerus hamatus* Nunberg, monobasic. Synonymy: Schedl 1972f: 124.
References: (**tx**) Nunberg 1953: 44, 1963d: 357; Schedl 1957b: 159, 1972f: 124.
*Coccephalonus* Schedl 1965c: 84. Type-species: *Coccephalophonus 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; Nunberg 1953: 44–46; Schaufuss 1897: 223, 1905: 19; Schedl 1935n: 633, 1936e: 62, 1939b: 401, 1960c: 62, 1961e: 160, 1962k: 1038, 1972f: 124–130, 1977b: 256–267; Strohmeyer 1911c: 104, 1911d: 218, 1912c: 22, 1914c: 13–19, 44–46, 1918: 1–46.

***accuratum*** **Schaufuss** 1897: 224. Holotype ♂; Madagascar (Sikora num. 91.); Hamburg Museum, lost.
Distribution: Madagascar.
Hosts: *Chrysophyllum boivinianum*.
Notes: (3) Schedl 1965c: 79 (described female).
References: (**ds**) Alluaud 1900: 441; Schedl 1972f: 127, 1977b: 258; Strohmeyer 1912c: 22. (**tx**) Schaufuss 1897a: 223–224; Schedl 1936e: 62, 1961e: 162, 1965c: 79, 1972f: 127, 1977b: 257–258, 1978a: 9; Strohmeyer 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, 1978a: 10.

***chapuisi*** **Strohmeyer** 1911g: 233. Syntypes ♂♀; Madagaskar; IRSNB, Brussels, NHR, Stockholm, IPKE, Eberswalde.
Distribution: Madagascar.
References: (**ec**) Fuller 1958: 100. (**ds**) Schedl 1972f: 127; Strohmeyer 1912c: 22, 1914c: 46. (**tx**) Schedl 1972f: 127; Strohmeyer 1911c: 104–105, 1911g: 233, 1912c: 22, 1914c: 46.

***crenulatum*** **Chapuis** 1865: 324. Syntypes 2 ♂; Madagascar; MNHN, Paris.
Distribution: Madagascar.
Hosts: *Canarium boivin*, *Ficus soroceoides* var. *macrophlebia*.
Notes: (3) Schedl 1961e: 158 (described female).
References: (**ay**) Menier 1976: 348. (**bv**) Menier 1976: 348. (**hb**) Schedl 1977b: 258. (**ds**) Alluaud 1900: 441; Fairmaire 1892b; Gemminger & Harold 1872: 2702; Lacordaire 1866: 396; Schedl 1970d: 234, 1972f: 127, 1977b: 258; Strohmeyer 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, 1978a: 22; Strohmeyer 1912c: 22, 1914c: 46. (**ms**) Lucas 1920: 421.

***dispar*** **Schedl** 1961e: 160. Madagascar, Montagne d'Ambre; IRSM, Madagascar.
Distribution: Madagascar.
Hosts: *Ficus soroceoides* var. *macrophlebia*.
References: (**ds**) Schedl 1972f: 127, 1977b: 260. (**tx**) Schedl 1961e: 160, 1972f: 127, 1977b: 260, 1978a: 25.

***excisum*** **Schaufuss** 1897a: 224. Holotype ♂; Madagascar, Antananarive (Schedl 1977b: 260); Hamburg Museum, lost.
Distribution: Madagascar.
Hosts: *Aphloia theaeformis*, *Chrysophyllum boivinianum*, *Dracaena* sp., *Elaeocarpus* sp., *Ficus soroceoides* var. *macrophlebia*, *Macphersonia* cf. *madagascarensis*, *Ocotea* sp., *Pinus insularis*, *P. patula*, *Pittosporum* sp., *Terminalia* sp., *Tricocodendron acuminatum*.
Notes: (3) Schedl 1961e: 162 (described female).
References: (**ds**) Alluaud 1900: 441; Schedl 1970d: 234, 1972f: 128, 1977b: 260; Strohmeyer 1912c: 22, 1914c: 46. (**tx**) Schaufuss 1897a: 223–224; Schedl 1961e: 162, 165, 1970d: 234, 1972f: 128, 1977b: 260, 1978a: 29; Strohmeyer 1912c: 22, 1914c: 46.

***hamatus*** **(Nunberg)** 1953: 49 (*Platypicerus*). 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 clusioides, Garcinia 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; Strohmeyer 1912c: 22, 1914c: 46. (**tx**) Fairmaire 1892b; Schaufuss 1890: 621, 1897a: 223, 1905: 19; Schedl 1972f: 128, 1977b: 262; Strohmeyer 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., *Trichila* 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, Bemanpidy; MNHN, Paris.
Distribution: Madagascar.
Hosts: *Mauloutchia* 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 perrillei, R. polyneura, Rawenala madagascarensis, Syderoxylon* 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, Manjakatompo; Schedl Collection in NHMW, Wien.
Figures: Schedl 1962k: 1038 (male).
Distribution: Madagascar, South Africa.
Hosts: *Chrysophyllum boivinianum, Elaeocarpus* 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; Strohmeyer 1912c: 22, 1914c: 46. (**tx**) Schaufuss 1897a: 223–224, 1905: 19; Schedl 1972f: 128, 1977b: 268; Strohmeyer 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; Strohmeyer 1912c: 22, 1914c: 46. (**tx**) Fairmaire 1892b; Schaufuss 1890: 623, 1897a: 223; Schedl 1972f: 128, 1977b: 268; Strohmeyer 1912c: 22, 1914c: 46.

***rugosum*** **Schaufuss** 1905: 11. Holotype ♂; Madagaskar; 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., *Didymeles* sp., *Ekbergia suavis, Elaeocarpus* 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: 84 (*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: 84–85, 1971e: 17, 1972f: 129, 1977b: 270, 1978a: 72, 1979j: 130.

***suspicax* 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: 81 (described male).

References: (**ds**) Schedl 1970d: 235, 1972f: 129, 1977b: 271. (**tx**) Schedl 1961e: 162, 1965c: 81, 1970d: 235, 1972f: 129, 1977b: 271, 1978a: 75.

*truncatipennis tavolae* Schedl 1965c: 82. Holotype ♂; Madagascar, Betsatsaky bei Perinet; Schedl Collection in NHMW, Wien.

References: (**hb**) Schedl 1977b: 271. (**ds**) Schedl 1972f: 129. (**tx**) Schedl 1965c: 82, 1972f: 129, 1977b: 271, 1978a: 76.

***truncatum* Schedl** 1965c: 82. Holotype ♂; Madagascar, Kahlschlag in Betsatsaky bei Perinet; Schedl Collection in NHMW, Wien.

Distribution: Madagascar.

References: (**ds**) Schedl 1972f: 129, 1977b: 272. (**tx**) Schedl 1965c: 82–83, 1972f: 129, 1977b: 272, 1978a: 76.

***vulpinum* Schedl** 1965c: 83. Holotype ♂; Madagascar, Perinet; IRSM, Madagascar.

Distribution: Madagascar.

Hosts: *Cussonia vantsilana*.

References: (**ds**) Schedl 1972f: 130, 1977b: 272. (**tx**) Schedl 1965c: 83, 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; Strohmeyer 1912c: 4.

## Tribe Platypodini Erichson

Platypodariae

References: Strohmeyer 1914b: 18.

Platypodini

References: Lucas 1920: 50; Schedl 1939b: 396.

Crossotarsariae

References: Strohmeyer 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* Strohmeyer 1914c: 35. Type-species: *Crossotarsus spinulosus* Strohmeyer, 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; Strohmeyer 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, Strohmeyer 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 (SLW).

References: (**ay**) Fuchs 1912: 5–7, 14–33; Gardner 1932: 1–9; Strohmeyer 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 & Urich 1931: 227–282; Hagle et al. 1987: 39; Johnson 1958: 508–511; Kelsey 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 1838: 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: 581–584; Bright 1972d; Broun 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, 97–288; Eichhoff 1864b: 18–22, 42–45, 1881a: 305–307; Endrodi 1957: 420; Erichson 1836: 64; Escherich 1923: 459–460, 633, 638; 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 1868: 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; Nunberg 1940: 63–69, 1951: 261, 1953: 46; Nusslin 1911a; Ratzeburg 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, 1959m: 545–557, 1962k: 597–599, 1962n: 697–699, 1963j: 483, 486, 1968e: 261–270, 1972f: 169–242, 1977b: 239; Schimitschek 1937: 60; Sedlaczek 1902: 2; Shuckard 1840 (1861: 64); Stebbing 1907: 41, 1914: 619–628, 634; Stephens 1839: 205–206; Strohmeyer 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: 378. Holotype ♀; Upper Manki logging area, Bulolo, Morobe District, New Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1975f: 378.

***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, Jamsar, 6000 ft.; BMNH, London.
Distribution: Asia (Uttar Pradesh in India).
Hosts: *Quercus incana*.
References: (**ds**) Schedl 1972f: 212. (**tx**) Browne 1962e: 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, Watut 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 Ruette 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; Strohmeyer 1912c: 18, 1914c: 28. (**tx**) Chapuis 1865: 283; Sampson 1928b: 392; Schedl 1935k: 481, 1941b: 416, 1960c: 55, 1972f: 208; Strohmeyer 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*, *Pimelvodendron* 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, Luth. Mission Sawmill; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1975g: 223, 1978b: 10.

***aequilaterus* Roberts** 1986: 40. Holotype ♂; New Guinea: Papua, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Xanthophyllum papuanum*.
References: (**tx**) Roberts 1986: 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), Lawas to Tokyo (Japan), imported; PPST, Tokyo.
Distribution: Indonesia (Borneo).
Hosts: *Seyara* 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.

***algosus* 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.

***alienus* Schedl** 1963d: 228. Holotype ♂; Surinam; Schedl Collection in NHMW, Wien.
Distribution: South America (Suriname).
Hosts: Bamboo and poesentria 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 1935h: 356 (described female).
References: (**hb**) Cleare 1924: 61–68; Swabey 1935: 7. (**ds**) Blackwelder 1947: 788; Blandford 1896e: 105; Equihua & Atkinson 1987: 19; Ferrer 1942; Gemminger & Harold 1872: 2697; Schedl 1960a: 79, 1972f: 205; Strohmeyer 1912c: 10, 1914c: 24; Swabey 1935: 7. (**tx**) Blandford 1896e: 105; Chapuis 1865: 156; Equihua & Atkinson 1987: 19; Schedl 1935h: 356, 1937c: 14, 1937d: 38, 1940a: 324, 1960a: 79, 1960c: 24, 1972f: 205, 1978b: 10; Strohmeyer 1912c: 10, 1914c: 24.

***alternantecostatus* (Schedl)** 1941c: 364 (*Platyscapus*). Syntypes ♂♀; Java, Mnt. 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 1984c: 448; Kalshoven 1960d: 41; Schedl 1972f: 186. (**tx**) Browne 1962e: 653, 1972b: 30; Schedl 1941c: 363–365, 1972f: 186, 1978a: 10.

***ambiguus* Roberts** 1987: 163. Holotype ♂; Papua New Guinea: Gumi, Watut Logging Area, Bulolo, 2,200 m; BMNH, London.
Figures: Roberts 1987: 176 (male elytron).
Distribution: New Guinea.
Hosts: *Planchonella* sp.
References: (**tx**) Roberts 1987: 163, 176.

***anaticeps* Schedl** 1969a: 215. Holotype ♂; Borneo (Kalimantan), Nunukan to Muroran (Japan), imported; PPST, Tokyo.
Distribution: Indonesia (Borneo).
Hosts: Meranti logs.
References: (**tx**) Schedl 1969a: 215, 1978a: 10.

***andrewesi* Strohmeyer** 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 1982, 1987: 188; Schedl 1936j: 21, 1972f: 201; Strohmeyer 1912e: 19, 1914c: 28. (**tx**) Nobuchi 1985: 329; Schedl 1936j: 21, 1939c: 2, 1939e: 337, 1942a: 211, 1972: 201, 1978b: 11; Strohmeyer 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 1984f: 59.

***angustatulus* 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 1987: 19; Schedl 1972f: 205. (**tx**) Equihua & Atkinson 1987: 19; Schedl 1972f: 205; Wood, S. L. 1966a: 52, 55.

***angustatus* Chapuis** 1865: 157. Holotype ♂; Mexico; MNHN, Paris (Schedl 1960c: 24).
Distribution: North America (probably Veracruz in Mexico).
References: (**cn**) Anonymous 1953j: 25. (**ec**) Anonymous 1953j: 25. (**ds**) Blackwelder 1947: 788; Blandford 1896e: 104–105; Equihua & Atkinson 1987: 19; Ferrer 1942; Gardiner 1957a; Gemminger & Harold 1872: 2697; Mayne & Donis 1960: 98, 1962: 280; Schedl 1972f: 205; Strohmeyer 1912c: 10, 1914c: 24, 36. (**tx**) Blandford 1896e: 104–105; Chapuis 1865: 157; Equihua & Atkinson 1987: 19; Schedl 1940a: 324, 1950d: 14, 1953g: 244, 1960c: 24, 1972f: 205; Strohmeyer 1912c: 10, 1914c: 24, 36.

***angusticollis* Schedl** 1942c: 197. Holotype ♀; Neu-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, 1978b: 11.

***angustior* Schedl** 1942c: 196. Holotype ♂; Neu-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, 1978b: 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 1987: 19; Schedl 1972f: 214. (**tx**) Equihua & Atkinson 1987: 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: 380. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1975f: 380.

***anthocephali* Schedl** 1969c: 60. Holotype ♂; India: Bengal, Samsing, 1800 ft., Kalimpong; not in FRI, Dehra Dun.
Distribution: Asia (Bengal in India).
Hosts: *Anthocephalus cadamba*.
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, 1978b: 11.

***aolai* Browne** 1986c: 669. Holotype ♂; Solomon Islands: Aola to Nagoya (Japan), imported; BMNH, London.
Distribution: Solomon Islands.
Hosts: *Neonauclea* sp. log.
References: (**tx**) Browne 1986c: 669.

***apertulus* Schedl** 1975f: 380. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1975f: 380.

***apertus* (Schedl)** 1979g: 119 (*Diapus*). 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: *Cordyline 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. (**ec**) 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; Strohmeyer 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; Strohmeyer 1912c: 5, 1914c: 35; White 1846: 18. (**ms**) Ytsma 1986.

*douei* Chapuis 1865: 237. Syntypes ♂ ♀; de la Nouvelle-Zelande; BMNH, London, MNB, Berlin, IRSNB, Brussels, and MNHN, Paris (Schedl 1960c: 44). Synonymy: Schedl 1941e: 154.
References: (**en**) Zondag 1966. (**hb**) Clark 1932a: 235–243. (**ds**) Clark 1932a: 235–243; Gemminger & Harold 1872: 2698; Hutton 1904: 219; Strohmeyer 1912c: 16, 1914c: 26. (**tx**) Broun 1880; Browne 1964: 754; Chapuis 1865: 237; Schedl 1935k: 485, 1937d: 40, 1941e: 154, 1960c: 44, 1972f: 190; Strohmeyer 1912c: 16, 1914c: 26.

*castaneus* Broun 1880: 542. Holotype ♂; Tairua, New Zealand; Broun Collection. Synonymy: Schedl 1962n: 754.
References: (**ds**) Hutton 1904: 219; Strohmeyer 1912c: 19, 1914c: 28. (**tx**) Broun 1880: 542; Browne 1964: 754; Schedl 1957d: 118, 1972f: 190; Strohmeyer 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.

***apicatulus* 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 accuminatissima*.
References: (**tx**) Schedl 1974d: 466.

***applanatulus* 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-Macedo 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 1962e: 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 1987: 19; Schedl 1972f: 230; Strohmeyer 1912c: 10, 1914c: 24. (**tx**) Chapuis 1865: 179; Equihua & Atkinson 1987: 19; Schedl 1960c: 30, 1972f: 230; Strohmeyer 1912c: 10, 1914c: 24.

***arisannensis* 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 ♂; Columbie; 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 1987: 19; Gemminger & Harold 1872: 2697; Schedl 1972f: 226; Strohmeyer 1912c: 13, 1914c: 26. (**tx**) Blandford 1896e: 109–110; Chapuis 1865: 222; Equihua & Atkinson 1987: 19; Lucas 1920: 522;

Schedl 1939b: 399, 1960c: 41, 1972f: 226; Strohmeyer 1912c: 13, 1914c: 26.

***arrogans* Schedl** 1971c: 387. Holotype ♀; Laos; Schedl Collection in NHMW, Wien.
Distribution: Asia (Laos).
References: (**ds**) Schedl 1972f: 194. (**tx**) Schedl 1971c: 387–388, 1972f: 194, 1978b: 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 1987: 19; Schedl 1972f: 238. (**tx**) Equihua & Atkinson 1987: 19; Schedl 1935h: 352–353, 1972f: 238, 1978b: 12.

***artecostatus* (Schedl)** 1941c: 363 (*Platyscapus*). Syntypes ♂ ♀; Java, Mnt. Gede, 800 m; Kalshoven Collection, and Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Borneo, Java).
Notes: (1) Schedl 1978a: 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, 1978a: 12.

***artesolidus* Schedl** 1942a: 201. Lectotype ♂; Malaya, Rotan Tunggal F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 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**) Nobuchi 1985: 329; Schedl 1942a: 201, 1972f: 197, 1978a: 13.

***artetruncatus* 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* Browne** 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: 28. Holotype ♂; O. Borneo, Mt. Tibang, 1300 und 1400 m; NHR, Stockholm.
Distribution: Indonesia (Borneo).
References: (**ds**) Schedl 1972f: 207. (**tx**) Schedl 1965g: 28, 1972f: 207, 1978b: 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, 1978a: 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, 1978b: 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, 1978b: 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: Toxpam; BMNH, London.
Distribution: North America (Veracruz in Mexico).
References: (**ds**) Blackwelder 1947: 788; Blandford 1896e: 97; Equihua & Atkinson 1987: 19; Gemminger & Harold 1872: 2697; Schedl 1972f: 238; Strohmeyer 1912c: 8, 1914c: 23. (**tx**) Blandford 1896e: 97; Chapuis 1865: 123; Equihua & Atkinson 1987: 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 peralatum, Beilschmidia bancrofti, Ceratopetalum succirubrum, Cryptocarya ablato, Doryphora armatica, Yanthophyllum ostandrum*.
References: (**ay**) Ting 1936: 95. (**cn**) 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; Strohmeyer 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; Strohmeyer 1912c: 18, 1914c: 28.

*crenatus* Chapuis 1865: 287. Holotype ♂; Moreton Bay, Nouvelle-Hollande [Australia]; IRSNB, Brussels (Schedl 1960c: 56). Synonymy: Lea 1904: 105.

References: (**cn**) Froggatt 1926b. (**hb**) Froggatt 1926b. (**ds**) Gemminger & Harold 1872: 2698; Sampson 1925: 1. (**tx**) Chapuis 1865: 287; Lea 1904: 105; Sampson 1925: 1; Schedl 1960c: 56, 1972f: 196.

***bajulus* Schedl** 1936e: 52. Lectotype ♂; Mentawei, Sipora, Sereinu; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 13.

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

Hosts: *Artocarpus elastica, Evodia* 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 1978a: 14).

Notes: This is apparently an aberration that should have no taxonomic status.

References: (**ds**) Schedl 1972f: 192. (**tx**) Schedl 1936e: 53, 1972f: 192, 1978a: 14.

***balanocarpus* Schedl** 1936d: 15. Lectotype ♂; Malay Peninsula, Pahang: Tranum; 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: 87 (described female).

References: (**tx**) Schedl 1972g: 75, 1976a: 87, 1978a: 14.

***batesi* Chapuis** 1865: 139. Holotype ♀; Bresil, Ega.; BMNH, London.

Distribution: South America (Brazil).

References: (**ds**) Blackwelder 1947: 788; Gemminger & Harold 1872: 2697; Schedl 1972f: 238; Strohmeyer 1912c: 8, 1914c: 23. (**tx**) Chapuis 1865: 139; Schedl 1960c: 19, 1972f: 238; Strohmeyer 1912c: 8, 1914c: 23.

***beaveri* 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/ Zaire).

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: 788; Schedl 1972f: 213. (**tx**) Schedl 1935h: 359, 1972f: 213, 1978a: 14.

***bicaudatus* Browne** 1981a: 134. Holotype ♂; Lawas (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** 1937e: 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 1937e: 547, 1942a: 209, 1972f: 192, 1978a: 15.

***bicornis* Nunberg** 1939: 219. Holotype ♀; Peru; Polischen Zoologischen Staatsmuseums, Warsaw.
Distribution: South America (Peru).
References: (**ds**) Blackwelder 1947: 788; Schedl 1972f: 238. (**tx**) Nunberg 1939: 219, 1940: 68, 1959c: 168; Schedl 1960e: 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 Schecl 1978a: 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, 1978b: 15.

***biflexuosus* Schedl** 1962f: 163. Holotype ♂; Assam, Namchik, 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 1968a: 132–133, 1970: 576, 1972b: 28; Nobuchi 1977: 127; Schedl 1972f: 197. (**tx**) Browne 1965a: 206; Schedl 1962f: 163, 1967f: 146–163, 1972f: 197, 1978b: 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; Strohmeyer 1912c: 16, 1914c: 27. (**tx**) Chapuis 1865: 255; Gardner 1932b; Nakashima 1975: 48–51; Sampson 1921: 25–26; Schedl 1933a: 402, 1960c: 48, 1971c: 388, 1972f: 184, 1978b: 15; Stebbing 1914: 619; Strohmeyer 1912c: 16, 1914c: 27.

***bifurcus* (Schedl)** 1938g: 422 (*Crossotarsus*). Syntypes ♂ ♀; Mindanao, Lanao Province, Kolambugan; 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*, *Hopea* 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 1978a: 15 (citation of holotype invalid). This was originally treated as a subspecies of *shorearum*. (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, 1939c:

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* Strohmeyer** 1911g: 234. Holotype ♂; Peru; Strohmeyer Collection.
Distribution: South America (Peru).
References: (**ds**) Blackwelder 1947: 788; Schedl 1972f: 230; Strohmeyer 1912c: 13, 1914c: 25. (**tx**) Lucas 1920: 522; Schedl 1952h: 72, 1972f: 230; Strohmeyer 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; Strohmeyer 1912c: 8, 1914c: 23. (**tx**) Chapuis 1865: 130; Schedl 1934e: 211, 1960c: 17, 1972f: 238; Strohmeyer 1912c: 8, 1914c: 23.

***biporus* Blandford** 1896e: 109. Syntypes 6, ♂♀; Mexico, Guatemala: Quiche 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 1987: 19; Ferrer 1942; Schedl 1972f: 220; Strohmeyer 1912c: 13, 1914c: 25. (**tx**) Blandford 1896e: 109; Equihua & Atkinson 1987: 19; Schedl 1939b: 399, 1940a: 327, 1972f: 220; Strohmeyer 1912c: 13, 1914c: 25; Wood, S. L. 1966a: 64.

***bipyramidus* Roberts & Morimoto** 1986: 165. Holotype ♂; New Guinea: Papua, Gumi, 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. Usau (West Irian) to Nagoya (Japan), imported; BMNH, London, automatic.
Distribution: New Guinea.
References: (**tx**) Browne 1984c: 457.
*trispinatus* Browne 1983a: 561. Holotype ♂; Tg. Usau (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*, *Albizzia falcata*, *Artocarpus elastica*, *Bischofia javanica*, *Cananga odorata*, *Castanospermum* sp., *Dryobalanops aromatica*, *D. biuncus*, *D. oblongifolia*, *Elaeocarpus ganitrus*, *Eusideroxylon zwageri*, *Gluta rengas*, *Heritiera fomes*, *Hevea brasiliensis*, *Millettia dehiscens*, *Pasania* sp., *Persea gratissima*, *Piarna* sp., *Schima noronhae*, *Semicarpus heterophylla*, *Tectona* sp., *Thea sinensis*, *Xylocarpus granatum*.
References: (**en**) Ishikura 1966; Yunus & 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 1982b: 9, 1987b: 89; Schedl 1933c: 176, 1936d: 7, 1962f: 164, 1966b: 89, 1969a: 205, 217, 1972f: 208; Strohmeyer 1912c: 18, 1914c: 28; Yunus & Hua 1980: 216. (**tx**) Blandford 1896b: 194; Nobuchi 1985: 329; Schedl 1935j: 1, 1937d: 42, 1941b: 416, 425, 1972f: 208; Strohmeyer 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.

***brasiliensis* 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.

***brevicaudatus* Nunberg** 1939: 232. Holotype ♂; Peru: Lima; Polischen Zoologischen Staatsmuseums, 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: *Brunellia 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 Bahang; 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 Bahang; 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; Strohmeyer 1912c: 14, 1914c: 26. (**tx**) Chapuis 1865: 228; Schedl 1936c: 240, 1939j: 565, 1948f: 283, 1960c: 42, 1972f: 218; Strohmeyer 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 1936e: 46, 1939b: 398, 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 ♂; Miyanoshita, Oshima, Kiushiu (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 thunbergii*, *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. (**ec**) 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; Strohmeyer 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; Strohmeyer 1912c: 18, 1914c: 28.

*calamus fukiensis* Schedl 1941a: 43. Holotype ♂; Fukien, 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 ♂; Ouenarou, 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** 1936e: 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 1936e: 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; Strohmeyer 1912c: 16, 1914c: 27. (**tx**) Chapuis 1865: 257; Sampson 1919: 107, 1928b: 394; Schedl 1939b: 398, 1960c: 49, 1972f: 184; Strohmeyer 1912c: 16, 1914c: 27.

***capitilanatus* Roberts & Morimoto** 1986: 166. Holotype ♂; New Guinea: Papua, Gunni, 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, Dehra Dun.
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, Nouveau Chantier; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 18.
Distribution: South America (Cayenne).
References: (**ds**) Blackwelder 1947: 789; 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 Macuy [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 ♂ ♀; Ema (Peninsula Leitimor), Amboina; Kalshoven Collection, and Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Amboine 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)** 1936e: 47 (*Crossotarsus*). Lectotype ♂; N. Guinea S.E., Moroka, 1300 m; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 19.
Distribution: New Guinea.
Notes: (1) Schedl 1972f: 237 (to *Platypus*). (3) Schedl 1942c: 198 (described female).
References: (**ds**) Schedl 1972f: 237. (**tx**) Schedl 1936e: 47–48, 1942c: 198, 1972f: 237, 1978a: 19.

***caviceps* Broun** 1880: 541. Holotype ♀; Tairua, New Zealand; Broun Collection.
Figures: Milligan 1979:fig. 5.
Distribution: New Zealand.
Hosts: Recorded as *Fagus* sp., now [=*Nothofagus* sp.].
References: (**bv**) Milligan 1974, 1982a; Ytsma 1986, 1988, 1989. (**cn**) Milligan 1974, 1979, 1982a; Ytsma 1989. (**ec**) Milligan 1974; Ytsma 1989; Zervos 1980. (**hb**) Milligan 1970a: 61–62, 1979; Neumann & Harris 1974: 135. (**ds**) Hutton 1904: 219; Milligan 1979; Schedl 1972f: 198; Strohmeyer 1912c: 19, 1914c: 28. (**tx**) Broun 1880: 541–542; Milligan 1979:fig. 5; Schedl 1939b: 401, 1972f: 198; Strohmeyer 1912c: 19, 1914c: 28. (**ms**) Ytsma 1986.
*lobatus* Broun 1893: 1253. Syntypes?; New Zealand; Broun Collection. Synonymy: Schedl 1939b: 401, 1972f: 198.
References: (**ds**) Gemminger & Harold 1872: 2699; Hutton 1904: 219; Strohmeyer 1912c: 19, 1914c: 29. (**tx**) Broun 1893: 1253; Schedl 1939b: 401, 1952a: 443, 1972f: 198; Strohmeyer 1912c: 19, 1914c: 29.

***cavus* Strohmeyer** 1913: 163. Syntypes ♂♀; Nilgiri Hills; presumably Strohmeyer Collection.
Distribution: Asia (Bhutan/ Burma/ Cambodia/ Assam, Tamil Nadu in India/ Malaya/ Pakistan/ Thailand/ Tonkin Island in Vietnam and Vietnam), Indonesia (Bali, Borneo, Java, Sumatra, Sumba), Philippine Islands.
Hosts: *Albizzia lucida, Amoora rohituka, Alphonsea ventricosa, Bischofia javanica, Bombax malabaricum, Castanopsis tribuloides, Dalbergia assamica, D. latifolia, Diospyros pseudo-evenum, Dipterocarpus pilosus, Dysoxylum* sp., *Elaeocarpus acuminata, Ficus glomerata, Gluta travancorica, Hevea brasiliensis, Lagerstroemia parviflora, Mallotus albus, Meliosma simplicifolia, Mesua ferrea, Michelia oblonga, Nauclea excelsa, Nyssa javanica, Pinus merkusii, Podocarpus imbricata, Pometia pinnata, Salmalia malabarica, Schima noronhae, S. wallichii, Shorea robusta, Swietenia macrophylla, Talauma hodgsoni, Tectona* sp., *Terminalia catappa, Tetrameles nudiflora, Vatica lanceaefolia, 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. 1978. (**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, 1980d: 491; Kalshoven 1960c: 37; Mathew 1982, 1987: 188; Mathur & Singh 1960b: 14, 1961a: 45; Nunberg 1960b: 161; Nunberg & Chujo 1961: 358; Ohno, Yoneyama, & Nakazawa 1982a: 5, 1982b: 10; Schedl 1962b: 187, 1962f: 165, 1964c: 305, 1965a: 430, 1966b: 91, 1971c: 368, 1971f: 150, 1972f: 209, 1975a: 453; Strohmeyer 1914c: 28; Supriana et al. 1978. (**tx**) Nobuchi 1985: 329; Schedl 1939c: 1, 1941b: 422, 1942a: 172, 1955d: 273, 1972f: 209; Strohmeyer 1913: 162–163, 1914c: 28; Wylie & Yule 1977.
*cupulifer* Wichmann 1914a: 413. Syntypes 2; Rotung, India, 1400 ft., and Debrugarh, Assam; not given. Synonymy: Schedl 1941b: 422.
References: (**cn**) Kleine 1932a: 310, 402; Roonwal 1954: 47. (**ec**) Beeson 1921b: 23, 1923. (**hb**) Beeson 1923; Kleine 1932a: 310, 402. (**ds**) Beeson 1921b: 23, 1923, 1941 (1961: 264); Bhasin, Roonwal, & Singh 1958; Kleine 1932a: 310, 402; Roonwal 1954: 47. (**tx**) Schedl 1941b: 422, 1972f: 209; Wichmann 1914a: 413–414.

***celsus* Roberts** 1979: 84. Holotype ♂; Papua New Guinea: 8 km south-west of Onim Hut, Mt. Giluwe, 240 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Nothofagus pullei* (living tree).
References: (**tx**) Roberts 1979: 84.

***chevrolati* Chapuis** 1865: 281. Syntypes; de la Nouvelle Guinee et l'ile Waigiou; 4 ♂, 2 ♀ BMNH, London, 1 ♂, 1 ♀ IRSNB, Brussels.
Distribution: New Guinea.
Hosts: *Heritiera trifolia.*
References: (**bv**) Gray, B. 1974b. (**cn**) Wylie & Shanahan 1975. (**ec**) Roberts 1980. (**hb**) Gray, B. 1974b; Wylie & Shanahan 1975. (**ds**) Browne 1980a: 372; Gemminger & Harold 1872: 2698; Ohno et al. 1988b: 98, 1989: 65; Schedl 1936g: 515, 1962i: 73, 1968e: 264; Strohmeyer 1912c: 18, 1914c: 28. (**tx**) Chapuis 1865: 181; Schedl 1936e: 56, 1937d: 42, 1940b: 434–435, 1941b: 417, 424, 1941e: 155, 1955b: 282, 1960c: 53, 1972f: 209; Strohmeyer 1912c: 18, 1914c: 28.

***chimbui* Schedl** 1972f: 207. Holotype ♂; New Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1972f: 207, 1978b: 19.

***chiriquensis* 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 1987: 21; Schedl 1972f: 238. (**tx**) Equihua & Atkinson 1987:

21; Schedl 1972f: 237–238; Wood, S. L. 1966a: 59–60.

***cicatricosus* Roberts** 1989: 264. Holotype ♂; Papua New Guinea: Gumi, 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 accuminatissima*.
References: (**tx**) Schedl 1975f: 382–383.

***circularis* Chapuis** 1865: 285. Holotype ♂; Ile de Waigiou; BMNH, London (Schedl 1960c: 55).
Distribution: Indonesia (Sumatra), New Guinea, Philippine Islands.
Notes: (3) Schedl 1936e: 57 (in key, described female).
References: (**hb**) Browne 1941. (**ds**) Gemminger & Harold 1872: 2698; Schedl 1972f: 227; Strohmeyer 1912c: 18, 1914c: 28. (**tx**) Chapuis 1865: 285; Lucas 1920: 522; Schedl 1933d: 202–203, 1936e: 56–58, 1939b: 398, 1960c: 55, 1972f: 227, 1978b: 19; Strohmeyer 1912c: 18, 1914c: 28.

***circumdentatus* Strohmeyer** 1910e: 132. Syntypes, sex?; Nilgiri Hills (India orientalis); H.L. Andrews, 1 in Strohmeyer Collection.
Distribution: Asia (Karnataka, Tamil Nadu in India).
Hosts: *Machilus macrantha*.
References: (**ds**) Beeson 1941 (1961: 264); Schedl 1969c: 61, 1972f: 237; Strohmeyer 1912c: 19, 1914c: 28. (**tx**) Schedl 1972f: 237; Strohmeyer 1910e: 132, 1912c: 19, 1914c: 28.

***clarkei* Browne** 1975b: 395. Holotype ♂; Ethiopia: 15 km E Jimma, Badabuna 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**) Equihua & Atkinson 1987: 20; Schedl 1972f: 195. (**tx**) Equihua & Atkinson 1987: 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.

***clunis* 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**) Equihua & Atkinson 1987: 20; Schedl 1972f: 195. (**tx**) Equihua & Atkinson 1987: 20; Schedl 1972f: 195; Wood, S. L. 1966a: 67–68.

***coadunatus* Schedl** 1975g: 225. Holotype ♂; New Guinea, Wau; 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.

***coleopteratus* (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: 218. (**tx**) Schedl 1936c: 245, 1972f: 218, 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: Nioumbadjou, 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 Francaise: 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 1978a: 20 (type restricted to MNHN, Paris material).

References: (**ds**) Blackwelder 1947: 789; Schedl 1972f: 214. (**tx**) Schedl 1936c: 242, 245, 1939b: 399, 1972f: 214, 1978a: 20.

***complanus*** **Schedl** 1967d: 16. Holotype ♂; Brasilien, Nova Teutonia, Santa Catarina; Schedl Collection in NHMW, Wien.

Distribution: South America (Brazil).

References: (**ds**) Schedl 1972f: 214. (**tx**) Schedl 1967d: 16–17, 1972f: 214, 1978b: 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-Grosmann 1956b: 292; Hopkins 1894g; Khalaf 1980: 339. (**bv**) Atkinson, Foltz, & Connor 1988; 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: 381–398, 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. (**ec**) Baker 1963: 222–265; Batra 1963a, 1963b: 216; Chamberlin 1925: 34, 1939: 107–111; Equihua & Atkinson 1986: 624; Felt 1906: 720; Francke-Grosmann 1956b: 292; Pierce, W. D. 1908: 380; 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, 1896e; 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; Nunberg 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: 258–259; Staines, C. L. 1982; Strohmeyer 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, 1896e: 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; Strohmeyer 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; Strohmeyer 1912c: 13, 1914c: 25; Swaine 1909: 84. (**tx**) Chapuis 1865: 174; LeConte 1868: 151, 1876: 344; Sampson 1928a: 3; Schedl 1955g: 48, 1960c: 29, 1972f: 231; Strohmeyer 1912c: 13, 1914c: 25; Swaine 1909: 84; Wood, S. L. 1979a: 1.

*perfossus* 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; Strohmeyer 1912c: 11, 1914c: 25; Swaine 1909: 84. (**tx**) Chapuis 1865:

176; LeConte 1868: 151, 1876: 344; Schedl 1960c: 29, 1972f: 231; Strohmeyer 1912c: 11, 1914c: 25; Swaine 1909: 84; Wood, S. L. 1979a: 1.

*rugosus* Chapuis 1865: 176. Holotype ♂; Amerique boreale, Lousiane and Texas; IRSNB, Brussels (Schedl 1960c: 29). Synonymy: LeConte 1876: 344.
References: (**ds**) Gemminger & Harold 1872: 2700; Leng 1920: 337; Strohmeyer 1912c: 12, 1914c: 25; Swaine 1909: 84. (**tx**) Chapuis 1865: 176; LeConte 1868: 151, 1876: 344; Schedl 1960c: 29, 1972f: 231; Strohmeyer 1912c: 12, 1914c: 25; Swaine 1909: 84; Wood, S. L. 1979a: 1.

*subcavifrons* 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; Strohmeyer 1912c: 13, 1914c: 25. (**tx**) Chapuis 1865: 177; Schedl 1960c: 29, 1972f: 231; Strohmeyer 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; Nunberg 1963c: 107; Schedl 1933c: 172; Strohmeyer 1912c: 12, 1914c: 25. (**tx**) Blandford 1896e: 106; Chapuis 1865: 179; Schedl 1933a: 400, 1933e: 172, 1940a: 325, 1960c: 25, 30, 1972f: 231; Strohmeyer 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; Strohmeyer 1912c: 11, 1914c: 24. (**tx**) Schaufuss 1897a: 222; Schedl 1961e: 157, 1972f: 231; Strohmeyer 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.

***concavifrons* 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: 238. (**tx**) Schedl 1936c: 225, 1972f: 238, 1978b: 21.

***concinnulus* 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 1987: 20; Schedl 1972f: 218; Strohmeyer 1912c: 14, 1914c: 26. (**tx**) Blandford 1896e: 111–112; Equihua & Atkinson 1987: 20; Schedl 1936c: 244, 1972f: 218; Strohmeyer 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 *cupulatulus conjunctus* Schedl 1941: 420; however, the senior name appears to be no more than an aberration and, as such, has no status in nomenclature (SLW).
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 1987: 20; Schedl 1972f: 220. (**tx**) Equihua & Atkinson 1987: 20; Schedl 1972f: 220; Wood, S. L. 1966a: 65–67.

***consequens* Schedl** 1970e: 107. Holotype ♂; Brasilien, Amazonas, Sierra Neblina, N. Rio Cauaburi; Zollogischen Sammlungen des Bayrischen Staates, Munchen.
Distribution: South America (Brazil).
References: (**ds**) Schedl 1970e: 86, 1972f: 238. (**tx**) Schedl 1970e: 107–108, 1972f: 238.

***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. longinosa, F. sieboldi, Lindera erythrocarpa, Machilus thunbergii, Pterocarpa rhoifolia.*
References: (**ds**) Blandford 1894c; Murayama 1934f: 137, 1936a: 140, 1937c: 581; Nobuchi 1967: 25, 1973b: 12, 1977: 130; Schedl 1960e:

173, 1972f: 200; Strohmeyer 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; Strohmeyer 1912c: 5, 1914c: 35.

***contextus* Schedl** 1963d: 229. Holotype ♂; Bolivia tropica, Region Chapare, 400 m; Schedl Collection in NHMW, Wien.

Distribution: South America (Bolivia).

References: (**ds**) Schedl 1972f: 205. (**tx**) Schedl 1963d: 229, 1972f: 205, 1978b: 21.

***contractus* Chapuis** 1865: 148. Holotype ♂; Colombie; IRSNB, Brussels (Schedl 1960c: 22).

Distribution: North America (Guatemala), South America (Colombia).

References: (**ds**) Blackwelder 1947: 789; Equihua & Atkinson 1987: 20; Gemminger & Harold 1872: 2698; Schedl 1966f: 77, 1972f: 238; Strohmeyer 1912c: 8, 1914c: 23. (**tx**) Chapuis 1865: 148; Equihua & Atkinson 1987: 20; Schedl 1960c: 22, 1972f: 238; Strohmeyer 1912c: 8, 1914c: 23.

***convexicauda* Schedl** 1935n: 636. Lectotype ♂; Malaya States: Pahang, Jahit Forest Reserve; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 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, 1978a: 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, 1978a: 21.

***cordiger* Chapuis** 1865: 275. Holotype ♀; de la presqu'île de Malacca (Singapour) et de Borneo (Sarawak); IRSNB, Brussels (Schedl 1960c: 52).

Distribution: Asia (Andaman Islands in India/ Malaya/ Singapore/ Vietnam), Indonesia (Borneo), New Guinea.

Hosts: *Diospyros pyrrhocarpa, Dipterocarpus indicus, D. turbinatus, Dysoxylum* sp.

References: (**cn**) Ishikura 1966. (**hb**) Browne 1941. (**ds**) Beeson 1941 (1961: 264); Browne 1961c: 213; Gemminger & Harold 1872: 2698; Ishikura 1966; Schedl 1972f: 186, 1974c: 262; Strohmeyer 1912c: 17, 1914c: 28. (**tx**) Chapuis 1865: 275; Lucas 1920: 522; Schedl 1939b: 399, 1941c: 365, 1960c: 52, 1972f: 186; Strohmeyer 1912c: 17, 1914c: 28. (**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.

***corniventris* 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, 1978a: 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, 1978b: 21.

***coronatus* Schedl** 1933c: 170. Holotype ♀; Costa Rica, Vara Blanca, 1700 m; Schedl Collection in NHMW, Wien.

Distribution: North America (Costa Rica).

Hosts: *Alnus acuminata, Brannelia costaricensis.*

Notes: (3) Schedl 1939k: 720 (described male).

References: (**ds**) Blackwelder 1947: 789; Equihua & Atkinson 1987: 20; Schedl 1933c: 170, 1972f: 205. (**tx**) Equihua & Atkinson 1987: 20; Schedl 1933c: 170, 1939k: 720–722, 1972f: 205, 1978b: 21; Wood, S. L. 1966a: 57, 1966b: 17.

*platyurius* 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 1987: 21; Schedl 1972f: 231. (**tx**) Equihua & Atkinson 1987: 21; Schedl 1936i: 101–102, 1972f: 231, 1978b: 22.

***costipennis* Schedl** 1933a: 398. Holotype ♂; Mexico (Truqui); BMNH, London.

Distribution: North America (apparently Mexico in Mexico).

Notes: (3) Because Truqui collected on the slopes of Volcan Popocatepetl, it is presumed that the type locality was near there; the Truqui notes are at BMNH, London.

References: (**ds**) Blackwelder 1947: 789; Equihua & Atkinson 1987: 21; Ferrer 1942; Schedl 1972f: 238. (**tx**) Equihua & Atkinson 1987;21; Schedl 1933a: 398–400, 1940a: 324, 1972f: 238.

***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. Sononymy: 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* Strohmeyer** 1913: 162. Holotype ♂; Brit. New Guinea: Aroa Fluss; SMTD, Dresden.
Distribution: New Guinea.
References: (**ds**) Schedl 1972f: 193; Strohmeyer 1914c: 29. (**tx**) Schedl 1935j: 3, 1936e: 53, 1940b: 435, 1972f: 193; Strohmeyer 1913: 162, 1914c: 29.

***cribricollis* Blandford** 1896e: 108. Syntypes 2 ♂; Panama, Bugaba; BMNH, London.
Figures: Blandford 1896e:pl. 4, fig. 18.
Distribution: North America (Panama).
References: (**ds**) Blackwelder 1947: 789; Equihua & Atkinson 1987: 21; Schedl 1972f: 231; Strohmeyer 1912c: 11, 1914c: 24. (**tx**) Blandford 1896e: 108–109; Equihua & Atkinson 1987: 21; Schedl 1972f: 231; Strohmeyer 1912c: 11, 1914c: 24.

***cupulatulus* 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 1986b: 333; Ohno, Yoneyama, & Nakazawa 1987b: 89; 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 piceus* 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.

*cupulatulus 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, Albizzia falcata, Alstonia* sp., *Artocarpus* sp., *Austrobuxus nitidus, Bombax malabaricum, Coelostegia griffithii, Croton* sp., *Dipterocarpus pilosus, Dolichandrone stipulata, Dryobalanops oblongifolia, Durio carinatus, Dyera costulata, Elaeocarpus ganitrus, Endospermum malaccense, Enterolobium saman, Eugenia glomerata, E. jambolana, Eusideroxylon zwageri, Ficus glomerata, Garcinia* sp., *Hevea brasiliensis, Intsia palembanica, Ixonanthes reticulata, Lannea grandis, Palaquium* sp., *Parkia speciosa, Persea gratissima, Polyosma* sp., *Pterocarpus dalbergioides, Shorea guiso, S. leprosula, S. maxwelliana, S. ovalis, S. robusta, S. uliginosa, Styrax benzoin, Swintonia floribunda, Tectona grandis, Terminalia belerica, T. catappa, Vatica stapfiana, Xylia dolabriformis.*
References: (**ay**) Strohmeyer 1918: 8. (**bv**) Beeson 1917; Meixner 1937: 1217. (**cn**) Beeson 1916: 1–5; Browne 1935b: 182–186, 1938b: 77–86, 1949e; Corbett & Cater 1926b: 261; French 1911; Kalshoven 1960d: 49; Kleine 1932a: 310, 402; Leefmans 1927: 1–60; Mathur & Singh 1960a: 34, 1960b: 43, 1961a: 45, 1961b: 13; Pierce, W. D. 1917: 218; Stebbing 1914: 626; Yunus & Hua 1980: 216. (**ec**) Beeson 1921b; Browne 1958b; Fuller 1958: 100; Speyer 1923: 11–23; Stebbing 1914: 626. (**hb**) Beaver & Browne 1978: 618; Beeson 1916a: 223, 1917; Browne 1935a, 1941, 1958b, 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, 1980b: 381; Corbett & Cater 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 1982b: 10, 1987b: 89; Pierce, W. D. 1917: 218; Sampson 1928b: 391; Schedl 1935k: 479–489, 1936d: 7, 22, 1936g: 515, 1936j: 22, 1937f: 15, 1959c: 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; Strohmeyer 1911f: 204, 1912c: 18, 1914c: 28; Yunus & Hua 1980: 216. (**tx**) Browne 1955: 368; Chapuis 1865: 278; Lea 1910: 135; Lucas 1920: 522; Meixner 1937: 1217; Nobuchi 1985: 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, 1958b: 102, 1960c: 53, 1972f: 209; Stebbing 1914: 626; Strohmeyer 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-Tal, Murggona; Schedl Collection in NHMW, Wien.

References: (**tx**) Schedl 1979h: 158.

***curtatus*** **Sampson** 1923b: 286. Syntypes ♂♀; Pangjhora Block, Upper Tondu, India; BMNH, London.

Distribution: Asia (Assam, Bengal in India).

Hosts: *Amoora wallichii, Artocarpus lakoocha, Beilschmiedia sikkimensis, Eugenia jambolana, Girstona jentinsiana, Machilus odoratissimus, Quercus lamellosa, Shorea robusta, Tetrameles nudiflora, Vatica lanceaefolia.*

References: (**cn**) Mathur & Singh 1961a: 45, 1961b: 46; Roonwal 1954: 66. (**ds**) Beeson 1961: 264; Bhasin, Roonwal, & Singh 1958; Mathur & Singh 1961a: 45, 1961b: 46; Roonwal 1954: 66; Schedl 1962f: 165. (**tx**) Sampson 1923b: 286; Schedl 1972f: 185.

***curtus*** **Chapuis** 1865: 261. Syntypes ♂; de la presqu'ile de Malacca (Singapour), et de l'ile de Borneo (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 heimii, Dipterocarpus baudii, D. crinitus, Dryobalanops aromatica, D. camphora, Durio carinatus, Endospermum malaccense, Hopea odorata, Intsia palembanica, Koompassia excelsa, Parashorea lucida, Shorea bentongensis, S. fagnetiana, S. leprosula, 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 1981; Ishikura 1966; Kleine 1932a: 310, 402; Mathur & Singh 1960b: 5, 1961a: 38; Pierce, W. D. 1917: 194; Sen-Sarma & Thakur 1986: 37; Stebbing 1914: 624; Yunus & Hua 1980: 216. (**ec**) Beeson 1921b: 24, 1923; Browne 1958b; 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, 1958b, 1961c: 199–200; Kalshoven 1960c: 36; Kleine 1932a: 310, 402; Mercer 1982: 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, 1968a: 133; Choo, Woo, & Kim 1981: 202; Gemminger & Harold 1872: 2698; Halperin & Menier 1981; Ishikura 1966; Kalshoven 1960d: 36; Kleine 1932a: 402, 310; Mathur & Singh 1960b: 57, 1961a: 38; Mercer 1982: 210; Nakashima 1975: 3; Nobuchi 1967: 26, 1977: 118, 1980a; Ohno, Yoneyama, & Nakazawa 1982b: 10, 1987a: 95, 1987b: 89; Pierce, W. D. 1917: 194; Sampson 1928b: 394; Schedl 1936d: 7, 1953f: 83, 1959c: 168, 1964f: 305, 1964i: 249, 1966b: 92, 1966g: 33, 1971f: 150; Strohmeyer 1912c: 17, 1914c: 27; Yunus & Hua 1980: 216. (**tx**) Browne 1955: 369; Chapuis 1865: 261; Nakashima 1975: 42–47; Nobuchi 1985: 328; Sampson 1928b: 394; Schedl 1935k: 488, 1935n: 635, 1939b: 398, 1941a: 43, 1942a: 172, 1950g: 895–896, 1952b: 365, 1955h: 46, 1960c: 49–50, 1972f: 185, 1978b: 22; Stebbing 1914: 624; Strohmeyer 1912c: 17, 1914c: 27.

*curtus artecurtus* Schedl 1960c: 50. Syntypes ♂♀; Fukien, Kuatun, 27.40 nBr., oL. 21, 22, 23 [China]; Schedl Collection, and Alexander Konig Museum, Bonn.

Notes: (1) Schedl 1978a: 23 (citation of holotype invalid).

References: (**ds**) Schedl 1962f: 165, 1964c: 262, 1972f: 185. (**tx**) Schedl 1960c: 50, 1972f: 185, 1978a: 23.

***curvidens*** **Schedl** 1939k: 719. Holotype ♂; Costa Rica, Hamburgfarm, [Rio] Reventazon, Ebene Limon; Schedl Collection in NHMW, Wien.

Distribution: North America (Costa Rica).

References: (**ds**) Blackwelder 1947: 789; Equihua & Atkinson 1987: 21; Schedl 1972f: 238. (**tx**) Equihua & Atkinson 1987: 21; Schedl 1939k: 719, 1972f: 238, 1978a: 23.

***cuspidatus*** **Schedl** 1963d: 229. Holotype ♂; Argentinien: Tucuman, Siambon; Schedl Collection in NHMW, Wien.

Distribution: South America (Argentina).

References: (**ds**) Schedl 1972f: 205. (**tx**) Schedl 1963d: 229, 1972f: 205, 1978a: 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 ♂; Germaniae; UZMC, Copenhagen.

Figures: Acatay 1960: 12, Balachowsky 1949a: 23, 274, 277, 1963b: 1290, Bevan 1987: 116, Duffy 1953: 17, Hickin 1963: 257, Louzil 1961: 108, 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. silvatica, Fraxinus* spp., *Phytophthora cambivora, 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; Nunberg 1928a: 144; Parkin 1943: 64; Roberts 1961c. (**bv**) Baker, J. B. 1956b, 1960b; Espanol 1967a; Menier 1976: 348. (**cn**) Acloque 1914; Androic 1966: 46; Anonymous 1940b: 9, 1966c, 1972c; Barbey 1901: 115; Becker, G. 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; Gebien 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; Strohmeyer 1906b: 329; Thalenhorst 1950: 90; Vrydagh 1947a: 8; Wachtl 1901: 382; Weber, W. 1926: 581; Weber, T. 1965; Wichmann 1927b: 379; Wolff & Krausse 1922: 105; Zwolfer 1949: 401. (**ec**) 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; Horn 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 & Hofler 1948: 281; Schimitschek 1955a: 136; Schwerdtfeger 1944a: 185, 1957a: 191; Sedlaczek 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, G. 1950; Browne 1968b: 570; Buysson 1910; Cecconi 1905, 1924; Cermak 1938; Chapman 1870a: 103–106, 132–135, 1904; Chittenden 1890; Claudon 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 1989; Lengerken 1954: 325; Lepiney & Mimeur 1932: 46; Liese 1950: 141; Lonzil 1961: 27; Lunardoni & 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; Sedlaczek 1935a: 157; Strohmeyer 1906b: 329, 1907a: 66; Taschenberg 1880: 247; Vite 1952a: 99; Wachtl 1901: 382; Weber, H. 1926: 581; Wichmann 1927b: 379; Wolff 1927: 76; Wolff & Krausse 1922: 105. (**ds**) Acatay 1960: 12; Acloque 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; Bletchly 1962; Borchert 1951; Brakman 1966b: 207; Brancsik 1871, 1906; Brown, S. C. S. 1971; Browne 1968b: 570; Buck 1955b: 191; Bucking 1932; Buresh & Lazarov 1956; Buysson 1910; Calwer 1884, 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; Gehin 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, 1948a: 173; Karpinski & Strawinski 1948: 157; Keler 1925b: 275; Kersten 1933: 76; Kestercanek 1881a: 12; Klefbeck & Sjoberg 1960: 232; Kleine 1932a: 310, 401; Kloft & Hinks 1945: 218; Koca 1905: 192; Kostenko 1929; Kozikowsky 1921: 181; Kraatz 1869: 60; Kurir 1947c: 22; Lacordaire 1866: 391; Langhoffer 1915c: 158–159, 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 1987: 280; Luna de Carvalho 1947: 15; Lunardoni & Leonardi 1889: 492; Massee 1947: 126; Matthews & Fowler 1883: 42; Michel 1937: 24–28; Negru 1966b: 404, 1968a: 457; Novak, P. 1952: 417; Nunberg 1954: 96; Nusslin 1898: 283; Oliveira 1887: 329; Ortzen 1886: 280; Pacher 1865: 152; Paganetti-Hummler 1901: 150; Palm 1959: 22, 28, 354, 1966: 18; Parkin 1943: 61–66; Peclaire & 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; Ratzeburg 1837: 168, 188, 1839: 165, 230; Redtenbacher 1858: 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; Schaufuss 1915: 1201; Schaum 1853: 292, 1859: 96, 1862: 101; Schedl 1961b: 185, 1964a, 1967c: 73, 1971d: 429, 1972f: 189, 1980a: 29, 1981c: 101; Schilsky 1909: 189; Schiodte 1873: 105; Scheerpeltz & Winkler 1930: 253; Scherdtfeger 1981: 197; Scudder 1891: 540; Seidlitz 1872: 389, 1891a: 556, 1891b: 601; Sharp & Fowler 1893: 35; Stark 1927b: 90, 1936e: 142; Stein & Weise 1877: 165; Stephens 1829a: 145, 1830: 355, 1839: 206; Stierlin & Gautard 1871: 294, 1906: 205; Strohmeyer 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: 8; Wanka 1908: 231, 1915: 213; Westhoff 1882: 240; Wichmann 1909b: 172, 1955a: 95; Winter, T. G. 1983: 22; Wolff 1927: 76. (**tx**) Acatay 1960: 12; Acloque 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; Castelnau 1840; Ceballos 1945; Chapuis 1865: 246; Chapuis & Candeze 1853; Chevrolat 1838; Dejean 1821, 1825; Duffy 1953: 17; Eggers 1912f: 29, 1929e: 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, 1915c:pl. 9, fig. 18, pl. 12, fig. 18; Houlbert 1922a: 15–16; Iablokoff-Khnzorian 1961: 89; Illiger 1805: 321; Jacobi 1906: 148; Jacquelin du Val & Fairmaire 1868: 108; Judeich & Nitsche 1895: 546; Karpinski & Strawinski 1948: 157; Keler 1928: 1; Korolev 1989; Kuhnt 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; Lunardoni & Leonardi 1889: 492; Negru 1966b: 404; Novak, V., Hrozinka, & Stary 1976: 88; Nunberg 1928a: 144, 1953: 52, 1954: 96; Panzer 1795: 285; Perris 1877a: 112; Pfeffer 1932b: 27, 1942a: 2, 1955a: 265, 1989a:pl. 1, 14; Portevin 1935: 339; Postner 1974: 486; Ratzeburg 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; Strohmeyer 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; Schaum 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: Strohmeyer 1912: 15.
References: (**tx**) Kugelann 1872: 496; Schedl 1972f: 189.

*cylindriformis* Reitter 1894: 94. Syntypes ♂♀; Algier (St. Charles); NHMB, Budapest. Synonymy: Balachowsky 1949a: 277.
Notes: (3) Dejean 1837: 333 (*sulcatus*, nomen nudum, synonymy in Strohmeyer 1911: 85–88).
References: (**ay**) Escherich 1923b: 638; Korolev 1989; Strohmeyer 1918: 1. (**cn**) Acatay 1943a:

73, 1949: 73–74; Escherich 1923b: 638; Konig, E. 1957: 17; Schimitschek 1955a: 136, 1955c: 94; Weber 1926: 581; Wichmann 1927b: 379. (**ec**) Beauverie 1910b; Schimitschek 1955a: 136; Uchastnova 1985; Vite 1952a: 99. (**hb**) Acatay 1943a: 73; Eckstein 1926: 581; Escherich 1923b: 638; Konig, E. 1957: 17; Schimitschek 1937: 61, 1955a: 136; Strohmeyer 1906b: 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; Holdhaus 1912: 454; Luna de Carvalho 1950: 15; Normand 1937: 269; Pfeffer 1947d: 126; Reitter 1894a: 94; Roschkamp 1929: 178–180; Schilsky 1909: 189; Strohmeyer 1907e: 170–173, 1911c: 106, 1912e: 251, 1914c: 26; Tredl 1907: 20. (**tx**) Balachowsky 1949a: 277; Eggers 1923a: 214; Escherich 1923b: 638; Espanol 1964: 116; Fleischer 1927; Gabler 1949b; Korolev 1989; Kuhnt 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; Strohmeyer 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: *Calbulimima* sp.
References: (**cn**) Schimitschek 1937c: 61, 1938c: 2119, 1939d: 2119, 1944: 227; Schwerdtfeger 1944a: 185, 1957a: 191. (**ec**) Schimitschek 1941a: 317; Schwerdtfeger 1944a: 185, 1957a: 191. (**hb**) Schimitschek 1944: 227; Schwerdtfeger 1944a: 185, 1957a: 191. (**ds**) Strohmeyer 1912c: 14. (**tx**) Schimitschek 1937c: 61; Strohmeyer 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 theaefolia*.
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, 1978a: 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** 1980a: 376. Holotype ♂; Keelung (Formosa) to Nagoya (Japan), imported; BMNH, London.
Distribution: Asia (Taiwan).
References: (**tx**) Browne 1980a: 376.

***decens* Sampson** 1922b: 147. Holotype ♂; Assam: Nowgong; BMNH, London.
Distribution: Asia (China/Assam in India/Malaya/Nepal).
Hosts: *Castanopsis tribuloides, Shorea* sp., *Vatica lanceaefolia*.
References: (**cn**) Mathur & Singh 1961b: 71. (**ds**) Beaver & Browne 1978: 619; Beeson 1961: 265; Bhasin, Roonwal, & Singh 1958; 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 ♂; Labuen, Batjan; BMNH, London, designated by Browne 1970: 580.
Distribution: Indonesia (Batjan Island near Borneo, Java).
References: (**ds**) Beeson 1937: 92; Equihua & Atkinson 1987: 21; Schedl 1972f: 237. (**tx**) Beeson 1937: 90, 92; Browne 1970: 580; Equihua & Atkinson 1987: 21; Sampson 1923c: 72; Schedl 1936e: 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 1978a: 23 (citation of holotype invalid, this specimen was lost).
References: (**ds**) Schedl 1972f: 242. (**tx**) Schedl 1941c: 356, 1972f: 242, 1978a: 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, 1978a: 24.

***deductus* Schedl** 1964c: 299. Holotype ♂; Ostkuste Sumatras: Bandar Baroe, 850 m; ZMA, Amsterdam.
Distribution: Indonesia (Java, Sumatra).
References: (**ds**) Schedl 1972f: 195. (**tx**) Schedl 1964c: 299, 1972f: 195, 1978a: 24.

***deflectus* Schedl** 1941c: 355. Syntypes ♂♀; Java, Mnt. 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 1985: 329; Schedl 1941c: 355–356, 1971f: 156, 1972f: 196, 1978a: 24.
*bistriatus* Browne 1966: 235. Holotype ♂; Philippines: Palawan, Pinigisan, 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/ Zaire).
Notes: (1) Schedl 1959p: 27 (described female, as *Mesoplatypus*), 1978a: 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, 1978a: 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, 1978a: 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.

***denticollis* 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. Maunganui (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.

***deplanatus* 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; Equihua & Atkinson 1987: 21; Schedl 1972f: 234. (**tx**) Equihua & Atkinson 1987: 21; Schedl 1939k: 719, 1972f: 239, 1978a: 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.

***devius* 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 ♂♀; Toxpam; 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; Equihua & Atkinson 1987: 21; Ferrer 1942; Gemminger & Harold 1872: 2698; Nunberg 1972b: 190; Schedl 1933c: 166, 1972f: 239; Strohmeyer 1912c: 8, 1914c: 23. (**tx**) Blandford 1896e: 97; Chapuis 1865: 127; Equihua & Atkinson 1987: 21; Schedl 1935h: 352, 1937d: 37, 1940a: 324, 1960c: 17, 1972f: 239; Strohmeyer 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; Strohmeyer 1912c: 8, 1914c: 23. (**tx**) Chapuis 1865: 139; Schedl 1935h: 353–354, 1960c: 20, 1972f: 239; Strohmeyer 1912c: 8, 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), Wau, Morobe Dist., Kunai 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 1978a: 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 sumatranus*, *Dipterocarpus borneensis*.
Notes: (3) Schedl 1971c: 389 (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; Strohmeyer 1911f: 204, 1912c: 10, 1914c: 24. (**tx**) Chapuis 1865: 153; Lucas 1920: 521; Schedl 1937d: 37, 1939b: 399, 1960c: 22–23, 1972f: 205; Strohmeyer 1912c: 10, 1914c: 24. (**ms**) Lucas 1920: 521.

***dipterocarpi* Browne** 1986b: 338. Holotype ♂; Borneo: Tatau (Sarawak) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
Hosts: *Dipterocarpus* sp.
References: (**tx**) Browne 1986b: 338.

***discicollis* Chapuis** 1865: 254. Syntypes ♂♀; Colombie; 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 & Equihua 1986a: 422; Blackwelder 1947: 789; Blandford 1896e: 112–113; Equihua 1985: 143; Equihua & Atkinson 1987: 22; Gemminger & Harold 1872: 2698; Nunberg 1963c: 106; Sampson 1928a: 3; Schedl 1960a: 77, 1970e: 86, 1971f: 150, 1972f: 187, 1972g: 40, 1976a: 57; Strohmeyer 1912c: 16, 1914c: 27. (**tx**) Blandford 1896e: 112–113; Chapuis 1865: 254; Equihua & Atkinson 1987: 22; Sampson 1928a: 3; Schedl 1933a: 402, 1936c: 248, 1937d: 40, 1939b: 399, 1941e: 156, 1960c: 48, 1972f: 187; Strohmeyer 1912c: 16, 1914c: 27.

***discipennis* Schedl** 1975g: 226. Holotype ♀; New Guinea, Wau; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1975g: 226, 1978a: 25.

***discoidalis* Schedl** 1933a: 402. Holotype ♂; British Guiana, Essequibo 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; Equihua & Atkinson 1987: 22; Schedl 1972f: 214; Strohmeyer 1912c: 9, 1914c: 23. (**tx**) Blandford 1896e: 101; Equihua & Atkinson 1982: 22; Schedl 1936c: 226, 1972f: 214; Strohmeyer 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; Strohmeyer 1912c: 17, 1914c: 27. (**tx**) Chapuis 1865: 271; Schedl 1935h: 356, 1960c: 52, 1972f: 231; Strohmeyer 1912c: 17, 1914c: 27.

***dissipabilis* Schedl** 1934e: 212. Syntypes 2 ♂; Bogota und Neu-Granada; Hamburg Museum, lost, and Schedl Collection in NHMW, Wien.
Distribution: Antilles Islands (Guadeloupe), South America (Brazil/ Colombia/ Ecuador/ Venezuela).
Notes: (1) Schedl 1978a: 25 (citation of holotype invalid).
References: (**ds**) Blackwelder 1947: 789; Schedl 1972f: 231, 1972g: 48, 1976a: 57. (**tx**) Schedl 1934e: 210, 212, 1962p: 210, 1972f: 231, 1978a: 25.
*perplandus* Schedl 1935i: 46. Lectotype ♂; Venezuela, Etat d'Apure: San Fernando de Apure; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 52. Synonymy: Schedl 1962p: 210.
References: (**ds**) Blackwelder 1947: 790. (**tx**) Schedl 1935i: 46, 1962p: 210, 1972f: 231, 1978a: 52.

***distinctipes* Schedl** 1972i: 55. Holotype ♂; New Guinea (NW), Wau, Kunai Creek, 1270 m; BPBM, Honolulu.
Distribution: New Guinea.
References: (**ds**) Schedl 1972f: 200. (**tx**) Schedl 1972f: 200, 1972i: 55, 1978a: 25.
*ponamae* Schedl 1975f: 392. Holotype ♀; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien. Synonymy: Roberts 1989: 285.
Notes: (3) Schedl 1979g: 96 (treated as a synonym of *apicatus*).
References: (**tx**) Roberts 1989: 285; Schedl 1975f: 392, 1979g: 96.

***distinguendis* Schedl** 1934e: 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; Equihua & Atkinson 1987: 22; Santoro 1957b: 25; Schedl 1972f: 239. (**tx**) Equihua & Atkinson 1987: 22; Schedl 1934e: 210–211, 1936c: 224, 1972f: 239, 1927g: 26.

***diversipennis* Schedl** 1962p: 210. Holotype ♂; Madras, Kattiyur, Wynaad (Perya); FRI, Dehra Dun, not found in 1981 by SLW.
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 (SLW).
References: (**ds**) Schedl 1972f: 204. (**tx**) Schedl 1962p: 210, 1972f: 204, 1978a: 26.

***dobunabae* Roberts & Morimoto** 1986: 167. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Calbulimima belgraveana*.
References: (**tx**) Roberts & Morimoto 1986: 167.

***dolabratus* Blandford** 1896e: 102. Syntypes 5, ♂ ♀; Bugaba, Panama; BMNH, London.
Figures: Blandford 1896e:pl. 4, fig. 12.
Distribution: North America (Panama).
References: (**ds**) Blackwelder 1947: 789; Equihua & Atkinson 1987: 22; Schedl 1972f: 239; Strohmeyer 1912c: 9, 1914c: 23. (**tx**) Blandford 1896e: 102; Equihua & Atkinson 1987: 22; Schedl 1940c: 203, 1972f: 239; Strohmeyer 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, Manaos; 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, 1978b: 26.

***drescheri* Schedl** 1941c: 358. Syntypes ♂; Java, Preanger, G. Tangkoeban Prahoe, 4000–5000 Voet; Kalshoven Collection, and Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Java).
Hosts: *Nyssa javanica*.
Notes: (1) Schedl 1978a: 26 (citation of holotype invalid).
References: (**hb**) Kalshoven 1960c: 40; Schedl 1972f: 207. (**tx**) Schedl 1941c: 358, 1965g: 28, 1972f: 207, 1978a: 26.

***dryobalanopsis* Browne** 1981b: 603. Holotype ♂; Kuala Madai (Sabah, Borneo) to Gamagori (Japan), imported; BMNH, London.
Distribution: Indonesia (Borneo).
Hosts: Kapur log.
References: (**ds**) Browne 1985b: 290. (**tx**) Browne 1981b: 603, 1985b: 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 ♂; Ouenarou, 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* Browne** 1985a: 196. Holotype ♂; Tatau (Sarawak) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
Hosts: *Durio* sp.
References: (**tx**) Browne 1985a: 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 1978a: 27 (neotype designation apparently invalid).
References: (**ds**) Blackwelder 1947: 789; Schedl 1972f: 239. (**tx**) Schedl 1936c: 233, 1939b: 399, 1972f: 239, 1978b: 27.

***dyerae* Browne** 1986c: 670. Holotype ♂; Borneo: Sandakan (Sabah) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Sabah in Borneo).
Hosts: *Dyera costulata* log.
References: (**tx**) Browne 1986c: 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.

***efferatus* 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, 1978b: 27.

***effetus* Schedl** 1935n: 637. Lectotype ♂; Borneo; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 27.
Distribution: Indonesia (Borneo).
References: (**ds**) Schedl 1972f: 193. (**tx**) Schedl 1935n: 637, 1965g: 30, 1972f: 193, 1978a: 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, 1978b: 27.

***elaboratus* Schedl** 1975g: 227. Holotype ♂; New Guinea, Wau; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1975g: 227, 1978b: 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; Gemminger & Harold 1872: 2698; Schedl 1972f: 239; Strohmeyer 1912c: 9, 1914c: 23. (**tx**) Chapuis 1865: 141; Schedl 1935g: 313, 1950d: 11, 1952i: 22, 1960c: 20, 1972f: 239, 1978a: 27; Strohmeyer 1912c: 9, 1914c: 23.

***emarginatulus* Browne** 1981a: 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**) Browne 1981a: 134; Swaine 1909: 86.

***emdeni* Schedl** 1935e: 174. Lectotype ♂; D. Neuguinea, Rawlinson Geb. (Schedl 1978a: 28); Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 28.
Distribution: New Guinea.
References: (**ds**) Schedl 1936d: 15, 1936g: 514, 1972f: 184. (**tx**) Schedl 1935e: 174–175, 1940b: 434, 1972f: 184, 1978b: 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 1978a: 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, 1978a: 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, 1978a: 28.

***equadorensis* Schedl** 1933a: 396. Holotype ♂; Ecuador, Cachabe, low country; BMNH, London.
Distribution: South America (Ecuador/ Peru).
Notes: (3) Browne 1962e: 646 (placed in *Neotrachyostus*).
References: (**ds**) Blackwelder 1947: 789; Schedl 1972f: 229. (**tx**) Browne 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 1978a: 42. Synonymy: Wood 1966b: 17.
References: (**ds**) Blackwelder 1947: 789. (**tx**) Schedl 1937c: 14, 1952h: 72, 1972f: 229, 1978a: 42; Wood, S. L. 1966b: 17.

***errans* (Sampson)** 1922b: 145. Holotype ♂; Burma: Mohnyin 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); Bhasin, 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: 78. Holotype ♂; Brasilien, Jacareacanga, Para; Alvarenga Collection.
Distribution: South America (Brazil).
References: (**tx**) Schedl 1972g: 78, 1978a: 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, 1978b: 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.

***evanidinervius* Roberts & Morimoto** 1986: 169. Holotype ♂; New Guinea: Papua, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Syzigium* 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** 1896e: 98. Syntypes 5, ♂♀; Guatemala: Cerro Zunil, Panajachel, San Geronimo; 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; Strohmeyer 1912c: 9, 1914c: 23. (**tx**) Blandford 1896e: 98; Equihua & Atkinson 1987: 22; Schedl 1939k: 719, 1955b: 30, 1972f: 239; Strohmeyer 1912c: 9, 1914c: 23.

***excedens* Chapuis** 1865: 276. Holotype ♂; de la Nouvelle Guinee, Dorey; 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; Ohno, Yoneyama, & Nakazawa 1987b: 89; Ohno et al. 1988b: 98, 1989: 65; Sampson 1928b: 374; Schedl 1938g: 423, 1966b: 92, 1968f: 535, 1972f: 186, 1975i: 347; Strohmeyer 1912c: 17, 1914c: 28. (**tx**) Browne 1970: 579; Chapuis 1865: 276; Nobuchi 1985: 329; Sampson 1928b: 374; Schedl 1935k: 487, 1936h: 65–66, 1936j: 19–35, 1937d: 42, 1941c: 363, 1960c: 52, 1972f: 186, 1978b: 29; Strohmeyer 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, 1978a: 29.

***excisus* Chapuis** 1865: 225. Syntypes ♂♀; du Mexique, Toxpam; 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: (**ec**) 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 1896e: 110–111; Equihua 1985: 143; Equihua & Atkinson 1986: 624, 1987: 22; Estrada & Atkinson 1988: 212; Ferrer 1942; Gemminger & Harold 1872: 2698; Martorell 1945: 467; Nunberg 1972b: 190; Schedl 1966f: 92, 1972f: 218, 1973d: 163, 1976a: 57, 1978c: 292, 1979e: 58; Strohmeyer 1912c: 14, 1914c: 26; Wolcott 1936: 316, 1948: 384. (**tx**) Blandford 1896e: 110–111; Chapuis 1865: 225; Equihua & Atkinson 1987: 22; Schedl 1936c: 239, 1937d: 40, 1940a: 327, 1941e: 156, 1960c: 41–42, 1972f: 218; Strohmeyer 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., *Poweria 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, Alnus nepalensis, A. nitida, Echinocarpus dasycarpus, Elaeocarpus lanceaefolius, Evodia fraxinifolia, Machilus odoratissima, Populus* sp., *Quercus lamellosa*.
Notes: (3) Beeson 1961: 265 (*falcatior*, 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; Nunberg 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.

***filaris* 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.

***filipennis* 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; Inscoe 1982; Klassen, Ridgway, & Inscoe 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 1985b; Hertel, Williams, & Merkel 1977; Hopkins 1894: 277; Hubbard 1897b: 15; Lugger 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 1896e: 104; Chamberlin 1939: 110; Coster 1969: 1008–

1011; Dalman 1828; Deyrup & Atkinson 1987a: 64; Doane et al. 1936; Drooz 1985: 375; Hetrick 1967; Hopkins 1894g; Hubbard 1897b: 15; Husson 1955: 350; Moore, H. B. & McGraw 1976; Ostmark 1968; White, R. E. 1983. (**ds**) Anonymous 1966h; Atkinson 1989c; Atkinson et al. 1991: 153; Beal & Massey 1945; Blackman 1922b: 39–40; Blackwelder 1947: 789; Blandford 1896e: 104; Blatchley & Leng 1916: 582; Chamberlin 1939: 110; Chapuis 1865; Deyrup & Atkinson 1987a: 64; Drooz 1985: 375; Equihua & Atkinson 1987: 22; Ferrer 1942; Frost 1964: 144; Gemminger & Harold 1872: 2698; Henshaw 1885: 147, 1895: 44; Illiger 1805: 129; Kirk 1969, 1970; Lacordaire 1866: 391; Leng 1920: 337; Melsheimer 1853: 87; Ostmark 1968; Sampson 1928a: 3; Schedl 1933c: 169, 1972f: 223; Schwarz 1878d: 468; Smith, J. B. 1900: 361, 1910: 400; Spahr 1981: 80; Staines, C. L. 1982; Strohmeyer 1912c: 10, 1914c: 24; Swaine 1909: 85; Wood, S. L. 1979a: 2. (**tx**) Atkinson 1989c; Beal & Massey 1945: 63–64; Blackman 1922b: 39–40; Blandford 1895: 93–95, 1896e: 104; Blatchley & Leng 1916: 582; Chamberlin 1939: 110; Chapuis 1865: 154–155; Dalman 1828; Dejean 1837: 333; Eggers 1929e: 42; Equihua & Atkinson 1987: 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: 468; Lucas 1920: 521; Olivier 1795b: 4, 1808: 4; Sampson 1928a: 3; Saunders 1836: 156; Say 1824: 183; Schedl 1935h: 356, 1937c: 14, 1937d: 38, 1940a: 324, 1972f: 223; Strohmeyer 1912c: 10, 1914c: 24; Swaine 1909: 85; White, R. E. 1983: 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 formosanum.*

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.

*murayamaensis* 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 Francaise: Riviere Lunier; Schedl Collection in NHMW, Wien.

Distribution: South America (Cayenne).

References: (**ds**) Blackwelder 1947: 789; Schedl 1972f: 239. (**tx**) Schedl 1936c: 228, 232, 1972f: 239, 1978b: 30.

***forcipatus* Schedl** 1962k: 1106. Holotype ♂; Kamerun; Schedl Collection in NHMW, Wien.

Figures: Schedl 1972f: 203.

Distribution: Africa (Cameroon/ Nigeria).

Hosts: *Anthonotha* sp.

Notes: (3) Roberts 1966b: 630 (described female).

References: (**ds**) Roberts 1968: 188, 1969: 116; Schedl 1972f: 202. (**tx**) Roberts 1966b: 630; Schedl 1962k: 1106, 1972f: 202–203, 1978a: 31.

***forficula* Chapuis** 1865: 283. Syntypes ♂; des iles Moluques, Batchian; BMNH, London (Schedl 1960c: 54).

Figures: Nakashima 1975: 55.

Distribution: Asia (Burma/ Cambodia/ Assam in India/ Malaya/ Thailand/ Vietnam), Indonesia (Borneo, Java, Moluccas, Sumatra), New Britain Island, New Guinea, New Ireland Island.

Hosts: *Actinophora fragrans, Artocarpus elastica, Bruguiera parviflora, Chrysophyllum roxburghii, Koompassia 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. (**ec**) Nakashima 1975: 6. (**hb**) Browne 1938a, 1941, 1961c: 206; Kalshoven 1960c: 36. (**ds**) Beaver & Browne 1975: 308; Beeson 1941 (1961: 265); Browne 1938a, 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; Ohno et al. 1987: 90, 1988b: 98, 1989: 65; Ohno, Yoneyama, & Nakazawa 1982a, 1982b: 5, 10, 1987: 95; Sampson 1928a; Schedl 1936d: 7, 1936g: 515, 1962f: 166, 1966g: 35, 1969a: 206, 1972f: 209, 1974c: 262, 1975a: 453, 1975e: 452, 1979a: 161; Strohmeyer 1911f: 204, 1912c: 18, 1914c: 28. (**tx**) Chapuis 1865: 283; Nakashima 1975: 55; Nobuchi 1985: 329; Sampson 1928a: 3; Schedl 1936d: 7, 1939b: 400, 1939e: 336, 1941b: 416, 1942c: 165, 1953b: 124, 1954a: 145, 1960c: 54, 1972f: 209; Strohmeyer 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 *lepidus*.
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.

*taiwansis* 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.

***fossulatus* 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; Strohmeyer 1912c: 9, 1914c: 23. (**tx**) Chapuis 1865: 123; Schedl 1960c: 16, 1972f: 239; Strohmeyer 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., Kunai Creek, 1250 m; BPBM, Honolulu.
Distribution: New Guinea.
References: (**ds**) Schedl 1972f: 237. (**tx**) Schedl 1972f: 237, 1972i: 57, 1978a: 31.

***fragosus* Schedl** 1936c: 228. Holotype ♂; Guyana; Schedl Collection in NHMW, Wien.
Distribution: South America (Cayenne/ Guyana).
References: (**ds**) Blackwelder 1947: 789; Schedl 1972f: 239. (**tx**) Schedl 1936c: 228, 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: *Araucaria 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: 228. Holotype ♂; New Guinea, Wau; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1975g: 228, 1978b: 31.

***fulgens* Schedl** 1951i: 97. Syntypes 2 ♂; Saigon; Schedl Collection in NHMW, Wien.
Distribution: Asia (Vietnam).
References: (**ds**) Schedl 1972f: 198. (**tx**) Nunberg 1960: 624; Schedl 1951i: 97, 1969a: 216, 1972f: 198, 1978a: 32.

***fulgidus* Browne** 1986b: 340. Holotype ♂; New Guinea: Fakfak to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: *Pimelcodendron* log.
References: (**tx**) Browne 1986b: 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, 1978a: 32.

***furcatus* Blandford** 1895a: 325. Syntypes ♂♀; Ceylon, Dikoya; BMNH, London.
Distribution: Asia (Sri Lanka).
Hosts: *Acacia* spp., *Colophylum walkeri, Cupressus macrocarpa, Elaeocarpus serratus, Eucalyptus robusta, Gordonia zeylanica, Litsaea zeylanica, Michelia nilagirica.*
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: 198. (**tx**) Blandford 1895a: 325; Schedl 1959a: 512, 1972f: 198.

***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; Strohmeyer 1912c: 9, 1914c: 23. (**tx**) Chapuis 1865: 134; Schedl 1936c: 230, 1937d: 37, 1951h: 285, 1952d: 363, 1960c: 18, 1972f: 239, 1978b: 32; Strohmeyer 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, 1978b: 21.

***gagates* Schedl** 1976a: 89. Holotype ♂; Rio Caragnata, Matto Grosso, Brazil; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**tx**) Schedl 1976a: 89.

***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, 1978a: 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 1938b: 295; Browne 1981a: 126; Choo, Woo, & Kim 1981: 202; Gemminger & Harold 1872: 2698; Nobuchi 1977: 124; Ohno, Yoneyama, & Nakazawa 1987a: 95, 1987b: 90; Ohno et al. 1988b: 98, 1989: 65; Schedl 1937d: 40, 1938g: 423, 1965g: 23, 1966b: 93, 1966g: 33, 1969a: 207, 1969e: 156, 1971c: 367, 1972f: 189; Strohmeyer 1912c: 16, 1914c: 26. (**tx**) Chapuis 1865: 239; Nobuchi 1985: 329; Schedl 1960c: 45–46, 1972f: 189; Strohmeyer 1912c: 16, 1914c: 26.
*turbatus* Chapuis 1865: 242. Syntypes ♂; de l'ile Lucon, 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 1928a: 3; Schedl 1936j: 22, 1962i: 75, 1964c: 305; Strohmeyer 1912c: 16, 1914c: 27. (**tx**) Chapuis 1865: 242; Sampson 1928a: 3; Schedl 1937d: 33, 40, 1938g: 423, 1942c: 164, 1952b: 365, 1955b: 282, 1960c: 45–46, 1972f: 190; Strohmeyer 1911b: 17, 1912c: 16, 1914c: 217; Wylie & Yule 1977.

***gerstaeckeri* Chapuis** 1865: 240. Syntypes ♂♀; des iles Figi; 1 ♀ BMNH, London, 1 ♂ IRSNB, Brussels.
Distribution: Australia, Fiji Islands, New Guinea.
Hosts: *Swietenia macrophylla.*
References: (**bv**) Roberts 1977c. (**cn**) Lever 1938: 14–18, 1940a: 38; Roberts 1977b: 563, 1977c. (**hb**) Roberts 1977b: 563, 1977c. (**ds**) Beeson

1938b: 295; Gemminger & Harold 1872: 2698; Roberts 1977b: 563; Schedl 1972f: 202, 1979h: 158; Strohmeyer 1912c: 16, 1914c: 26. (**tx**) Chapuis 1865: 240; Fairmaire 1881: 468; Schedl 1941e: 154, 1942c: 163–164, 1950f: 35, 41, 1960c: 45, 1972f: 202; Strohmeyer 1912c: 16, 1914c: 26. (**ms**) Roberts 1977c.

***giluwei* Roberts** 1979: 87. Holotype ♂; Papua New Guinea: 14 km south-west of Onim Hut, Mount Giluwe, 2450 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Ficius* 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** 1896e: 101. Syntypes ♂♀; Guatemala, Sinanja in Vera Paz; BMNH, London.
Figures: Blandford 1896e:pl. 4, fig. 10.
Distribution: North America (Guatemala).
References: (**ds**) Blackwelder 1947: 789; Equihua & Atkinson 1987: 23; Schedl 1972f: 239; Strohmeyer 1912c: 9, 1914c: 23. (**tx**) Blandford 1896e: 101–102; Equihua & Atkinson 1987: 23; Nunberg 1939: 228, 232; Schedl 1972f: 239; Strohmeyer 1912c: 9, 1914c: 23.

***goilalae* 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: *Syzigium* 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)** 1936e: 49 (*Crossotarsus*). Syntypes ♂; N. Guinea S.E., Moroka, 1300 m; MCG, Genova, and Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
Notes: (1) Schedl 1978a: 33 (citation of holotype invalid). (3) Schedl 1942c: 200 (described female).
References: (**ds**) Schedl 1972f: 221. (**tx**) Schedl 1936e: 49, 1942c: 200, 1972f: 221, 1978a: 33, 1978b: 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. (**ec**) Milligan 1974; Payton 1989; Zervos 1980. (**hb**) Milligan 1970a, 1979; Neumann & Harris 1974: 135. (**ds**) Broun 1887; Hutton 1904: 219; Milligan 1979; Schedl 1972f: 203; Strohmeyer 1912c: 19, 1914c: 29. (**tx**) Broun 1893: 1254; Milligan 1979:fig. 5; Milligan, Osorne, & Ytsma 1988; Milligan & Ytsma 1988; Schedl 1972f: 203; Strohmeyer 1912c: 19, 1914c: 29; Ytsma 1988. (**ms**) Ytsma 1986.
*inimicus* Broun 1910: 71. Holotype ♂; New Zealand: Raurimu; 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, 1978a: 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, 1978a: 33.

***granifer* Schedl** 1942a: 200. Holotype ♂; Malaya, Rotan Tunggal 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: *Penarahan* (Myristicaceae) log.
References: (**tx**) Browne 1986b: 341.

***granulipennis* Schedl** 1975g: 228. Holotype ♂; Australien, 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: 228, 1978a: 33.

***granulosus* Browne** 1984c: 455. Holotype ♂; Manokwari (West Irian) to Nagoya (Japan), imported.
Distribution: New Guinea.
Hosts: *Pometia* sp.
References: (**tx**) Browne 1984c: 455.

***grayi* 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, 1978a: 34.
*grayi immersus* Schedl 1972i: 60. Holotype ♂; Tonolei, Bougainville Dist., New Ireland; CSIRO, Canberra.
References: (**ds**) Schedl 1972f: 193. (**tx**) Schedl 1972f: 193, 1972i: 60, 1978a: 34.

***gregalis* Schedl** 1936c: 227. Lectotype ♂; Guyane Francaise, St.-Laurent du Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 34.
Distribution: South America (Cayenne/ Guyana).
References: (**ds**) Blackwelder 1947: 789; Schedl 1934a: 247, 1972f: 239. (**tx**) Schedl 1934a: 247, 1936c: 227, 1972f: 239, 1978a: 34.

***grumosus* Roberts & Morimoto** 1986: 171. New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Agathis alba*.
References: (**tx**) Roberts & Morimoto 1986: 171.

***guadeloupensis* Schedl** 1935i: 45. Lectotype ♂; Guadeloupe; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 34.
Distribution: Antilles Islands (Guadeloupe).
References: (**ds**) Blackwelder 1947: 789; Schedl 1972f: 214. (**tx**) Schedl 1935i: 45, 1972f: 214, 1978a: 34.

***gumicus* Roberts** 1986: 51. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Galbulimima* sp.
References: (**tx**) Roberts 1986: 51.

***gumiensis* Roberts** 1989: 270. Holotype ♂; Papua New Guinea: Gumi, Watut Logging Area, Bulolo, 2200 m; NHMW, Wien.
Figures: Roberts 1989: 286.
Distribution: New Guinea.
Hosts: *Garcinia* sp.
References: (**tx**) Roberts 1989: 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; Equihua & Atkinson 1987: 23; Ferrer 1942; Gemminger & Harold 1872: 2698; Schedl 1972f: 231; Strohmeyer 1912c: 11, 1914c: 24. (**tx**) Blandford 1896c: 101; Chapuis 1865: 173; Equihua & Atkinson 1987: 23; Schedl 1940a: 324, 1952a: 462, 1960c: 28, 1972f: 231; Strohmeyer 1912c: 11, 1914c: 24.

***hamaticeps* Schedl** 1942a: 205. Lectotype ♂; Malaya, Negri Sembilan, Pasoh F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 34.
Distribution: Asia (Malaya).
References: (**ds**) Schedl 1972f: 198. (**tx**) Schedl 1942a: 205, 1972f: 198, 1978a: 34.

***hamaticollis* Schedl** 1942a: 204. Lectotype ♂; Malaya, Perak, Trolak F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 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, 1978b: 34.
*garciniae* 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: Sepetir.
References: (**ds**) Nobuchi 1977: 115; Schedl 1972f: 220. (**tx**) Schedl 1970b: 364–365, 1972f: 220, 1978b: 34.

***hamatulus* Schedl** 1942a: 204. Holotype ♂; Malaya, Bukit, Kajang F.R.; Schedl Collection in NHMW, Wien.
Distribution: Asia (Malaya).
Hosts: *Pseudoeugenia* sp.
References: (**ds**) Browne 1961c: 198, 1980d: 492; Schedl 1972f: 206. (**tx**) Schedl 1942a: 203–204, 1972f: 206, 1978a: 34.

***hamatus* Blandford** 1894d: 138. Syntypes 2 ♂; Yuyama and Miyanoshita, 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: 188; Nobuchi

1973b: 12; Schedl 1972f: 210; Strohmeyer 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; Strohmeyer 1912c: 18, 1914c: 28.

***hashimotoi* Browne** 1986b: 338. Holotype ♂; Fakfak (New Guinea) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: Nayatoh (Sapotaceae) log.
References: (**tx**) Browne 1986b: 338.

***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, Gumi, 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/ Paragnay/ Peru/ Suriname/ Venezuela).
Hosts: *Castilloa costaricensis*.
References: (**ds**) Blackwelder 1947: 789; Bright 1972d: 18; Equihua & Atkinson 1987: 23; Gemminger & Harold 1872: 2698; Schedl 1960a: 76, 1963f: 64, 1966f: 92, 1972f: 231, 1972g: 48, 1973a: 368, 1978c: 292; Strohmeyer 1912c: 11, 1914c: 24. (**tx**) Bright 1972d: 18–19; Chapuis 1865: 167; Equihua & Atkinson 1987: 23; Keler 1927a: 235; Schedl 1960c: 27, 1972f: 231; Strohmeyer 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: 788; Fleutiaux & Salle 1890: 458; Gemminger & Harold 1872: 2697; Schedl 1933c: 171; Strohmeyer 1912c: 10, 1914c: 24. (**tx**) Chapuis 1865: 169; Keler 1927a: 235; Schedl 1933c: 171, 1934e: 212, 1941e: 155, 1960c: 27, 1972f: 231; Strohmeyer 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; Nunberg 1963c: 107; Strohmeyer 1912c: 12, 1914c: 25. (**tx**) Chapuis 1865: 171; Nunberg 1939: 241, 1940: 69; Schedl 1936c: 238, 1937d: 39, 1960c: 28, 1972f: 231; Strohmeyer 1912c: 12, 1914c: 25, 1960c: 28.

***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 ♂; Gemein [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/ Rnanda/ Senegal/ Sierra Leone/ South Africa/ Spanish Guinea/ Sudan/ Tanzania/ Togo/ Uganda/ Zaire/ Zambia/ Zimbabwe).
Hosts: Browne 1963a: 250–251, Schedl 1962k: 609–616 (many hosts listed).
Notes: (3) Nunberg 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; Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**cn**) Alliot & Ivanes 1950: 163–168; Anonymous 1953j: 25; Beaver 1988a: 69; Browne 1961e: 10, 1968b: 571; Cachan 1957: 5–6, 15, 42–53; Halperin & Menier 1981; Mayne & Donis 1951: 337; Roberts 1961a: 41, 1969: 117; Sallenove 1948: 435; Vrydagh 1947a: 8. (**ec**) Anonymous 1953j: 25; Browne 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 1984. (**hb**) Beaver 1988a: 69; Beaver & Loyttyniemi 1985b: 116; Browne 1963a: 250, 1968b: 571; Entwistle 1963b; Jones, Roberts, & Baker 1959: 13–54; Jover 1952; Loyttyniemi, Beaver, & Loyttyniemi 1985: 28; Roberts 1961a; Schedl 1958d: 189, 1962k: 600; Thompson, G. H. 1963: 58; Webb & Jones 1957: 25–41. (**ds**) Amaro & Gouveia 1957: 99–100, 131, 141; Beaver 1988a: 69; Beaver & Loyttyniemi 1985b: 116; Browne 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 1981; Hargreaves 1937: 509; Lee 1971: 30; Mayne & Donis 1962: 282; Menier 1973a; Monteiro Guimaraes 1959: 159; Nunberg 1952: 22, 1960a: 301, 1965b: 22; Roberts 1960a: 35–37, 1960e,

1960f, 1961a: 39–43, 1961b: 53–60, 1968: 188; Schedl 1933f: 192, 1937f: 15, 1938d: 452, 1959p: 22, 1961d: 178, 1962h: 63, 1962k: 600–601, 1964f: 619, 1964i: 249, 1964j: 42, 1965e: 356, 1965g: 21, 1966a: 276, 1966c: 229, 1966g: 37, 1967e: 220, 1968b: 145, 1969d: 4, 1971e: 1, 1971f: 150, 1971g: 196, 1972e: 284, 1972f: 231, 1972k: 296, 1975h: 351, 1977d: 279, 1979b: 416, 1982: 279; Spahr 1981: 80; Strohmeyer 1912c: 11, 1914c: 24; Thompson, G. H. 1963: 58; Vrydagh 1947a: 8; Wood, S. L. 1957e: 1272. (**tx**) Eggers 1936b: 33; Lhoste & Roche 1960:fig. 2; Mayne & Donis 1962: 282; Numberg 1952: 22, 1962: 325, 1967b: 325; Powell, W. 1987: 28; Roche & Lhoste 1960:fig. a, b; Schaufuss 1897b: 103; Schedl 1933f: 192, 1936e: 51, 1936f: 102, 1937d: 39, 1937f: 15–17, 1939g: 167, 1941d: 381, 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; Strohmeyer 1912c: 11, 1912f: 78, 1914c: 24.

*dispar* Schaufuss 1897b: 108. Syntypes ♂♀; Gabun; Hamburg Museum, lost. Synonymy: Schedl 1937d: 39.
References: (**ec**) Hughes & Jackson 1958: 57; Krezal 1959: 611; Vitzthum 1923: 162. (**hb**) Strohmeyer 1911a: 182. (**ds**) Schedl 1933f: 192; Strohmeyer 1911a: 182, 1911f: 204, 1912c: 11, 1914c: 24. (**tx**) Jeannel 1949: 989; Schaufuss 1897b: 108; Schedl 1933f: 192, 1937d: 39, 1972f: 231; Strohmeyer 1912c: 11, 1912f: 78, 1914c: 24.

*penetralis* Sampson 1922: 140. Syntypes ♂♀; Portuguese East Africa: Xinavane; 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: *Amoora* sp.
References: (**tx**) Roberts 1986: 44.

***hirtellus* Schedl** 1936e: 55. Syntypes ♂; Mentawei Island, Sipora Sereinu; MCG, Genova, and Schedl Collection in NHMW, Wien.
Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo, Mentawei), 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 1936e: 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.

***histrix* (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** 1935e: 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 1935e: 176, 1972f: 239, 1978a: 35.

***horisheusis* 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: *Campnosperma* sp.
References: (**ds**) Schedl 1972f: 227. (**tx**) Schedl 1964g: 253, 1969b: 232, 1972f: 227, 1978a: 35.

***humilis* Chapuis** 1865: 229. Holotype ♀; de Caracas; 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; Strohmeyer 1912c: 14, 1914c: 26. (**tx**) Chapuis 1865: 229; Schedl 1936c: 241, 1939b: 394, 1960c: 43, 1972f: 218, 1978b: 35; Strohmeyer 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: *Alphonsea ventricosa, Diospyros pseudoebenum, Meilosoma simplicifolia, Odina wodier, Shorea leprosula*.
Notes: (3) Browne 1955: 371 (described female), Beeson 1961: 266 (*seni*, 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, 1938g: 423, 1941a: 43, 1953c: 291, 1958b: 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 Guine: 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.

***imparidens* 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** 1896e: 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 1896e: 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**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**hb**) Beaver & Loyttyniemi 1985b: 116; Loyttyniemi, Beaver, & Loyttyniemi 1985: 28; Roberts 1969: 117; Schedl 1962k: 653–657; Strohmeyer 1911a: 182. (**ds**) Beaver & Loyttyniemi 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: 188; Schedl 1972f: 215.

*xylopiae* Roberts 1966: 633. Holotype ♂; Nigeria: Obudu Cattle Ranch; BMNH, London. Synonymy: Schedl 1970i: 228.

References: (**ds**) Roberts 1966: 633, 1968: 189, 1969: 120; Schedl 1970i: 228, 1972f: 215.

***inacessus* Schedl** 1936c: 242. Lectotype ♂; Guyane Francaise, St.-Laurent du Maroni, Bas Maroni, Nouveau Chantier; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 36.

Distribution: North America (San Luis Potosi in Mexico), South America (Brazil/ Cayenne).

References: (**ds**) Blackwelder 1947: 789; Equihua & Atkinson 1987: 23; Schedl 1966f: 93, 1970e: 86, 1972f: 218. (**tx**) Equihua & Atkinson 1987: 23; Schedl 1936c: 242, 1952e: 123, 1972f: 218, 1978a: 36.

***incertus* Schedl** 1970a: 130. Holotype, ♂; New Guinea, Wabag, Western Highlands District; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Casuarina oligoderes*.

Notes: (3) Roberts 1989: 272 (described female).

References: (**ds**) Schedl 1970a: 130–131, 1972f: 198. (**tx**) Roberts 1989: 272; Schedl 1970a: 130, 1972f: 198, 1978a: 36.

*heteromorphus* Schedl 1975f: 388. Holotype ♂; Papua, Wabag, Western Highlands District; Schedl Collection in NHMW, Wien. Synonymy: Roberts 1989: 285.

References: (**tx**) Roberts 1989: 285; Schedl 1975f: 388.

***incognitus* Schedl** 1958h: 499. Lectotype ♀; Sarawak, Setapok; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 37.

Distribution: Asia (Malaya), Indonesia (Sarawak in Borneo).

References: (**hb**) Browne 1961c: 212. (**ds**) Browne 1961c: 212; Schedl 1972f: 242. (**tx**) Schedl 1958h: 499, 1972f: 242, 1978a: 37.

***incompertus* Schedl** 1968d: 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. siberiana*.

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: 180; Carne et al. 1980; Neumann & Harris 1974: 133; Schedl 1968d: 15–17, pl. 6, 1972f: 272, 1978a: 37.

***inconstans* Schedl** 1971c: 391. Holotype ♂; Sumatra, Teping Tingi; Schedl Collection in NHMW, Wien.

Distribution: Indonesia (Sumatra).

References: (**ds**) Schedl 1972f: 186. (**tx**) Schedl 1971c: 391, 1972f: 186, 1978a: 37.

***incostatus* Schedl** 1972h: 68. Holotype, sex?; Dorrigo, N.S.W.; BMNH, London.

Distribution: Australia (New South Wales).

Hosts: *Eucalyptus lacvopinea*.

References: (**tx**) Schedl 1972h: 68.

***indicus* Strohmeyer** 1910e: 131. Syntypes ♂; Nilgiri Hills (India orientalis); 1 in Andrews Collection, 2 in Strohmeyer Collection.

Distribution: Asia (Bangladesh/ Burma/ Assam, Bengal, Karnataka, Tamil Nadu, Uttar Pradesh in India/ Taiwan/ Tonkin Island in Vietnam), Indonesia (Borneo).

Hosts: *Alphonsea ventricosa*, *Atrocarpus integrifolia*, *Bombax* spp., *Dalbergia assamica*, *Dipterocarpus pilosus*, *Ficus* spp., *Meliosma simplicifolia* *Millettia atropurpurea*, *Poinciana elata*, *Salmalia insignis*, *S. malabarica*, *Schima wallichii*, *Spondias mangifera*, *Talauma hodgsoni*, *Tetrameles nudiflora*.

Notes: (3) Sampson 1922b: 146 (redescribed).

References: (**cn**) Mathur & Singh 1961a: 10, 1961b: 4; Roonwal 1954: 60. (**ec**) Beeson 1921b: 24. (**ds**) Beeson 1921b: 24, 1941 (1961: 265); Browne 1970: 576, 1980b: 380; Mathew 1987: 188; Mathur & Singh 1961a: 10, 1961b: 4; Nobuchi 1977: 132, 1978a: 26; Roonwal 1954: 60; Schedl 1937f: 15, 1962b: 187, 1962f: 166, 1966g: 30, 1969c: 67, 1972f: 206, 1973a: 455, 1975e: 453; Strohmeyer 1912c: 19, 1914c: 29. (**tx**) Beeson 1937: 89–90; Gardner 1932b; Sampson 1922b: 146, 1923c: 2, 1928a: 1–3; Schedl 1942a: 172, 1972f: 206; Strohmeyer 1910e: 131, 1912c: 19, 1914c: 29.

***inermis* Sampson** 1923c: 73. Holotype ♂; Burma: Tenasserim, Thagata (Fea); MCG, Genova.

Distribution: Asia (Burma).

References: (**ds**) Schedl 1972f: 201. (**tx**) Sampson 1923c: 73–74; Schedl 1972f: 201.

***infuscatus* Browne** 1970: 579. Holotype ♂; Burma: Mohnyin River, Katha; BMNH, London.

Distribution: Asia (Burma).

Hosts: *Wrightia tomentosa*.

References: (**ds**) Schedl 1972f: 186. (**tx**) Browne 1970: 579–580; Schedl 1972f: 186.

***insculptus* 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, 1978a: 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* Strohmeyer** 1914f: 4. Syntypes ♂♀; Sumatra; Stettin Museum, lost?, and Strohmeyer Collection, Eberswalde.
Distribution: Asia (Malaya), Indonesia (Borneo, Java, Malacca, Sumatra).
Hosts: *Albizzia falcata, Diospyros* sp., *Elaeriospermum tapos, Endospermum malaccense, Gmelina arborea, Hevea brasiliensis, Koompassia malaccensis, K. malaccensis, Pterocarpus indicus, Rhizophora mucronata, Scaphium affine, Shorea bracteolata, S. guiso.*
References: (**cn**) Supriana et al. 1978; 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, 1971c: 367, 1971f: 150, 1972f: 190; Supriana et al. 1978; Yunus & Hua 1980: 216. (**tx**) Schedl 1937d: 40, 1939e: 336, 1942a: 172, 1954a: 145, 1958b: 102, 1972f: 190; Strohmeyer 1914f: 4–5.

***insulindicus* Schedl** 1952k: 164. Lectotype ♂; Malaya, Selangor: Sungei 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 scortechinii, Alstonia* sp., *Dipterocarpus* sp., *Dryobalanops oblongifolia, Durio zibethinus, Kopsia flavida, Parkia speciosa, Persea gratissima, Pometia* sp., *Shorea leprosula, Whitfordiodendron 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: Sungei Buloh For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 15, preoccupied by Nunberg 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* Nunberg 1959c: 168. Lectotype ♂; Selangor: Sungei Buloh For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 15, automatic.
Notes: (1) An unneeded replacement name.
References: (**tx**) Nunberg 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.

*feae* 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: 38.

Distribution: South America (Brazil/ Cayenne).
Notes: (3) Schedl 1972g: 79 (described female).
References: (**ds**) Blackwelder 1947: 789; Schedl 1970e: 86, 1972f: 239. (**tx**) Schedl 1936c: 230, 1972f: 239, 1972g: 79, 1978a: 38.

***iriani* Browne** 1980e: 377. Holotype ♂; Kimi (West Irian, New Guinea) to Yatsushiro (Japan), imported; BMNH, London.
Distribution: New Guinea.
References: (**tx**) Browne 1980e: 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, 1978a: 38.

***irrepertus* Schedl** 1936c: 248. Lectotype ♂; Guyane Francaise: St.-Laurent du Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 39.
Distribution: South America (Cayenne).
References: (**ds**) Blackwelder 1947: 789; Schedl 1972f: 240. (**tx**) Schedl 1936c: 247–248, 1972f: 240, 1978a: 39.

***irruptus* Schedl** 1935e: 176. Holotype ♂; Albina: Dutch Guyana (Schedl 1978a: 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, 1978b: 39.

***iragaii* Roberts & Morimoto** 1986: 171. Holotype ♂; New Guinea: Papua, Gumi, 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 Guinee, des iles 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: *Albizzia* sp., *Alstonia scholaris*, *Althoffia* sp., *Anisoptera* sp., *Anthocephalus* sp., *Araucaria cunninghamii*, *A. hunsteinii*, *Artocarpus elasticus*, *A. incisus*, *Buchanania* sp., *Carallia* sp., *Cocos nucifera*, *Dalbergia latifolia*, *Dysoxylum* sp., *Endospermum medullosum*, *Evodia* sp., *Ficus* sp., *Garuga* sp., *Hevea brasiliensis*, *Intsia bijuga*, *Laportea* sp., *Litsea domarensis*, *Macaranga* sp., *Mangifera indica*, *M. minor*, *Millettia dehiscens*, *Myristica* sp., *Octomeles sumatrana*, *Parkia speciosa*, *Planchonella* sp., *Polyalthis* 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 1987; Wylie & Shanahan 1975. (**cc**) Nakashima 1975: 5. (**hb**) Froggatt 1926b; Gray, B. 1968: 307, 1974b; Gray, B. & Wylie 1974; Kalshoven 1924c, 1960c: 34; Kleine 1932a: 310, 402; Roberts 1987; Wylie & Shanahan 1975. (**ds**) Beeson 1938b: 295; Browne 1966: 234; Chadwick & Nikitin 1968; Choo, Woo, & Kim 1981: 202; Froggatt 1936; Gemminger & Harold 1872: 2698; Gray, B. 1968: 307; Kalshoven 1960d: 35; Kleine 1932a: 310, 402; Nakashima 1975: 3; Nobuchi 1977: 125; Nunberg 1961b: 611; Ohno, Yoneyama, & Nakazawa 1987a: 95, 1987b: 90; Ohno et al. 1988b: 98, 1989: 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; Strohmeyer 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; Strohmeyer 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; IZW, Warsaw.
Distribution: South America (Peru).
References: (**ds**) Blackwelder 1947: 789; Schedl 1972f: 240. (**tx**) Nunberg 1939: 226–232; Schedl 1952h: 72, 1972f: 240.

***juvencus* 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, 1978a: 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 1978a: 39 (citation of holotype invalid).
References: (**ds**) Schedl 1972f: 194. (**tx**) Schedl 1941c: 360–361, 1972f: 194, 1978a: 39.

***katoi* 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, Kuatun, 2300 m, 27.40 n.Br., 117.4 oL.; 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 1978a: 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: *Theobroma cacao*.
References: (**en**) Idrobo 1958: 75. (**ds**) Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Santoro 1957b: 25; Schedl 1960a: 77–79, 1972f: 240, 1972g: 48, 1976a: 57; Steinhausen 1956: 49; Strohmeyer 1912c: 9, 1914c: 23. (**tx**) Chapuis 1865: 128; Schedl 1936c: 224, 1937d: 37, 1955b: 30, 1960c: 17, 1972f: 240; Steinhausen 1956: 49; Strohmeyer 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. alienа*, *Q. serrata*.
Notes: (3) Arnoldi et al. 1955 (Far East records of *cylindrus* are this species).
References: (**ds**) Arnoldi et al. 1955: 735–736; Cho 1957; Choo 1983: 32; Choo, Woo, & Nobuchi 1988a: 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 ♀; Nanwata Banda logging area, Road 14, Bulolo, Morobe District; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Acanthocephalus cadamba*.
References: (**tx**) Schedl 1974d: 467, 1978a: 40.

***laevis* Browne** 1980a: 376. Holotype ♂; Bialla (New Britain) to Yatsushiro (Japan), imported.
Distribution: New Britain Island.
References: (**ds**) Ohno et al. 1988b: 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 1987: 23; Gemminger & Harold 1872: 2699; Schedl 1933c: 166, 1972f: 240; Strohmeyer 1912c: 9, 1914c: 23. (**tx**) Chapuis 1865: 144; Equihua & Atkinson 1987: 23; Schedl 1937d: 37, 1940c: 203–204, 1960c: 21, 1971f: 153, 1972f: 240; Strohmeyer 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; Strohmeyer 1912c: 9, 1914c: 23. (**tx**) Chapuis 1865:

145; Schedl 1960c: 21, 1972f: 240; Strohmeyer 1912c: 9, 1914c: 23.

***laminatus* Schedl** 1964m: 316. Syntypes ♂; Tanandrana, Tamatave [Madagascar]; IRSM, Madagascar, and Schedl Collection in NHMW, Wien.
Distribution: Madagascar.
Notes: (1) Schedl 1978a: 40 (type restricted to IRSM, Madagascar specimens).
References: (**ds**) Schedl 1972f: 232, 1977b: 244. (**tx**) Schedl 1961e: 157–158, 1964m: 316, 1972f: 232, 1977b: 244, 1978a: 40.

***laosi* Schedl** 1971c: 391. Holotype ♂; Laos area, Vankly; Schedl Collection in NHMW, Wien.
Distribution: Asia (Laos).
References: (**ds**) Schedl 1972f: 212. (**tx**) Schedl 1971c: 391–392, 1972f: 212, 1978a: 40.

***lateconcavus* Schedl** 1942a: 207. Lectotype ♀; Sumatra, Si-Rambe; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 40.
Distribution: Indonesia (Sumatra).
References: (**ds**) Schedl 1972f: 242. (**tx**) Schedl 1942a: 207, 1972f: 242, 1978a: 40.

***latedeclivis* Schedl** 1942a: 206. Holotype ♂; Borneo; Schedl Collection in NHMW, Wien, lost.
Distribution: Indonesia (Borneo).
References: (**ds**) Schedl 1972f: 201. (**tx**) Browne 1962e: 643; Schedl 1942a: 206, 1972f: 201, 1978a: 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: 187; Strohmeyer 1912c: 16, 1914c: 27. (**tx**) Chapuis 1865: 250; Schedl 1960c: 47, 1972f: 187; Strohmeyer 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, Lannea 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. (**ec**) 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: 278, 1972f: 210; Strohmeyer 1912c: 19, 1914c: 29. (**tx**) Blandford 1895a: 327–328; Motschulsky 1863; Nunberg 1964: 236; Schedl 1937d: 42, 1939b: 398, 1941b: 423–424, 1959a: 514, 1972f: 210; Strohmeyer 1912c: 19, 1914c: 29; Walker 1859: 261.

*excavatus* Chapuis 1865: 280. Holotype ♂; de l'île de Ceylan; BMNH, London (Schedl 1960c: 53). Synonymy: Schedl 1972f: 210.
References: (**ds**) Gemminger & Harold 1872: 2698; Strohmeyer 1912c: 18, 1914c: 28. (**tx**) Chapuis 1865: 280; Schedl 1937d: 33, 1941b: 417, 1960c: 53, 1972f: 210; Strohmeyer 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 1896e: 100; Equihua & Atkinson 1987: 24; Ferrer 1942; Gemminger & Harold 1872: 2699; Schedl 1933c: 166, 1972f: 240; Strohmeyer 1912c: 9, 1914c: 23. (**tx**) Blandford 1896e: 100; Chapuis 1865: 143; Equihua & Atkinson 1987: 24; Lara & Shenefelt 1965: 174; Schedl 1934e: 210, 1940a: 324, 1960c: 21, 1972f: 240; Strohmeyer 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, Mentawei, Moluccas, Sumatra), New Guinea, Philippine Islands, Sula, Sunda Islands.
Hosts: *Adinobotrys atropurpureus, Albizzia stipulata, Amoora rohituka, Artocarpus introcha, Camellia sinensis, Castanopsis tribuloides, Drimycarpus racemosus, Elateriospermum tapos, Endospermum malaccense, Eugenia* spp., *Ficus glomerata, Hevea brasiliensis, Hibiscus* sp.,

*Lannea grandis, Millettia pendula, Parkia speciosa, Pithecolobium* sp., *Pometia* sp., *Sarcocephalus cordatus, Shorea leprosula, Sterculia macrophylla, Tectona grandis, Vatica lanceaefolia, Xanthophyllum glaucum.*

Notes: (3) Schedl 1941b: 424 (review).

References: (**cn**) Beaver 1988a: 70; Browne 1938b; Corbett 1935: 43–56; Lloyd 1928: 417–426; Mathur & Singh 1960b: 43, 1961b: 71; Yunus & Hua 1980: 217. (**hb**) Beaver 1988a: 70; Browne 1935a, 1941; Murayama 1931b: 197; Schedl 1977b: 245; Speyer 1923: 23. (**ds**) Baer 1886: 148; Beaver 1988a: 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 1983; Gemminger & Harold 1872: 2699; Kalshoven 1924b: 357; Leefmans 1927: 6; Lepesme 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 1982a: 5, 1987a: 95, 1987b: 90; Ohno, Yoshioka, et al. 1989: 66; Sampson 1914: 382, 1926: 121, 1928a: 3; Schedl 1936d: 7, 1936e: 56, 1936g: 515, 1938g: 423, 1959a: 515, 1966b: 95, 1969d: 9, 12, 1970b: 355, 1972f: 210, 1977b: 245; Strohmeyer 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, 1985: 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; Strohmeyer 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 1978a: 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; MHNB, Bucharest.

Distribution: Asia (Vietnam).

References: (**tx**) Schedl 1974c: 265, 1978a: 41.

***lewisi* Blandford** 1894d: 134. Syntypes 5, ♂♀; Miyanoshita, Kiga, and Yuyama; BMNH, London.

Figures: Nakane et al. 1963:pl. 192, Nobuchi 1973b:pl. 2.

Distribution: Asia (Bhutan/ Fujian 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. (**ee**) Bamo, Mikata, & Kodama 1983: 445; Kurenzov 1934a: 58. (**hb**) Kleine 1932a: 402; Kurenzov 1935a: 44; Murayama 1931b: 197. (**ds**) Anonymous 1980g; Beeson 1941 (1961: 266); Blandford 1894c; Cho 1957; Choo 1983: 33; Choo & Woo 1985: 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; Strohmeyer 1912c: 16, 1914c: 27. (**tx**) Blandford 1894d: 134; Choo 1983: 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; Strohmeyer 1912c: 16, 1914c: 27; Wylie & Yule 1977.

***limbatus* Chapuis** 1865: 253. Syntypes ♂♀; Mexique, Toxpam; 1 ♂, 2 ♀ in BMNH, London.

Distribution: North America (Costa Rica/ Guatemala/ Mexico), South America (Brazil).

References: (**ds**) Blackwelder 1947: 789; Blandford 1896e: 112; Equihua & Atkinson 1987: 24; Ferrer 1942; Gemminger & Harold 1872: 2699; Santoro 1957b: 25; Schedl 1933c: 175, 1972f: 187; Strohmeyer 1911f: 204, 1912c: 16, 1914c: 27. (**tx**) Blandford 1896e: 112; Chapuis 1865: 253; Equihua & Atkinson 1987: 24; Lucas 1920: 522; Schedl 1933a: 402, 1940a: 327, 1960c: 48, 1972f: 187; Strohmeyer 1912c: 16, 1914c: 27.

***lineaticornis* Schedl** 1936c: 226. Syntypes ♂; Guyane Francaise: St.-Laurent du Maroni; MNHN, Paris, and Schedl Collection in NHMW, Wien.

Distribution: South America (Cayenne).

Notes: (1) Schedl 1978a: 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, 1978a: 41.

***lingulatus* Roberts & Morimoto** 1986: 173. Holotype ♂; Borneo: Niah (Sarawak) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
Hosts: *Lophopetalum* sp. log.
References: (**tx**) Roberts & Morimoto 1986: 173.

***liraticus* 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.

***liratus* Blandford** 1896: 99e. Holotype ♂; Nicaragua, Chontales; BMNH, London.
Distribution: North America (Costa Rica/ El Salvador/ Nicaragua).
Hosts: *Hevea brasiliensis*.
References: (**ds**) Blackwelder 1947: 789; Equihua & Atkinson 1987: 24; Schedl 1972f: 240, 1977e: 44; Strohmeyer 1912c: 9, 1914c: 23. (**tx**) Blandford 1896e: 99–100; Equihua & Atkinson 1987: 24; Schedl 1972f: 240; Strohmeyer 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**) Ohno, 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 Caledonie; not located.
Distribution: New Caledonia.
References: (**ds**) Beeson 1938b: 295; Gemminger & Harold 1872: 2699; Lacordaire 1866: 392; Schedl 1972b: 266, 1972f: 196; Strohmeyer 1912c: 18, 1914c: 28. (**tx**) Blandford 1896f: 244; Chapuis 1865: 286; Lacordaire 1866: 392; Montrouzier 1861: 263; Schedl 1939b: 398, 1941e: 156, 1960c: 56, 1972f: 196; Strohmeyer 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., *Galbulimima* 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 & Saucedo 1983: 42. (**ds**) Atkinson & Equihua 1985a: 103; Atkinson et al. 1986: 12; Burgos & Saucedo 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, Toxpam; 2 ♂ in BMNH, London (Schedl 1960c: 24).
Distribution: North America (Costa Rica/ Guatemala/ Chiapas, Veracruz in Mexico), South America (Brazil/ Guyana/ Peru/ Venezuela).
Hosts: *Escluwcilera sagotiana*, *Eugenia* sp., *Ocotea rodiaei*, *Tapirira marchandii*.
References: (**ds**) Blackwelder 1947: 789; Blandford 1896e: 105; Equihua & Atkinson 1987: 24; Ferrer 1942; Gemminger & Harold 1872: 2699; Schedl 1970e: 87, 1972f: 205, 1972g: 50, 1976a: 58; Strohmeyer 1912c: 10, 1914c: 24; Wood, S. L. 1966a: 53. (**tx**) Blandford 1896e: 105; Chapuis 1865: 158; Equihua & Atkinson 1987: 24; Reichardt 1964b: 86; Schedl 1933a: 397, 1937d: 38, 1940a: 324, 1970e: 87, 1972f: 205, 1972g: 50, 1976a: 58; Strohmeyer 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, 1978a: 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 (SLW). (3) Beeson 1941: 345, 1961: 265 (*lopchuensis*, nomen nudum, synonymy in Schedl 1969c: 68).
References: (**ds**) Beeson 1941: 345, 1961: 265; Bhasin, Roonwal, & Singh 1958; Schedl 1972f: 200. (**tx**) Schedl 1969c: 68, 1972f: 200.

***lophopetali* Browne** 1985b: 295. Holotype ♂; Niah (Sarawak) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
Hosts: *Lophopetalum* sp.
References: (**tx**) Browne 1985b: 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: 468 (described female).
References: (**ds**) Schedl 1972f: 200. (**tx**) Schedl 1936e: 44, 1942a: 207, 1942c: 196, 1972f: 200, 1974d: 468, 1978a: 41.

***loricatus* (Sampson)** 1923c: 71 (*Crossotarsus*). Holotype ♂; Burma: Carin, Ascinii Ghecu, 1200–1400 m; MCG, Genova.
Distribution: Asia (Burma/ India/ Malaya/ Vietnam), Indonesia (Borneo, Java, Mentawei, Sumatra), Philippine Islands (Mindoro).
Hosts: *Ficus* sp., *Lucuma malaccensis*, *Pouteria malaccensis*.
Notes: (3) Schedl 1936e: 45 (described female).
References: (**hb**) Browne 1961c: 200. (**ds**) Beeson 1941 (1961: 265); Browne 1980b: 381; Ohno, Yoneyama, & Nakazawa 1987b: 90; Schedl 1966b: 95, 1971c: 368, 1971f: 150. (**tx**) Beeson 1937: 91; Nobuchi 1985: 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 Guinee (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; Browne 1961c: 196, 1980d: 492; Gemminger & Harold 1872: 2699; Kalshoven 1924b: 361; Schedl 1936g: 514, 1962i: 73, 1972f: 190; Strohmeyer 1912c: 16, 1914c: 27. (**tx**) Chapuis 1865: 243; Sampson 1923c: 3; Schedl 1935f: 275–276, 1939b: 384, 1940b: 434–435, 1960c: 46, 1972f: 190; Strohmeyer 1912c: 16, 1914c: 27.

***lunatellus* Browne** 1983a: 569. Holotype ♂; Tg. Usau (West Irian) to Nagoya (Japan), imported.
Distribution: New Guinea.
Hosts: Matoa log.
References: (**ds**) Ohno et al. 1989: 66. (**tx**) Browne 1983a: 569.

***lunatipennis* Schedl** 1958b: 105. Lectotype ♂; Malaya, Kelantan; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 42.
Distribution: Asia (Malaya).
Hosts: *Sapium baccatum*.
References: (**hb**) Browne 1961c: 210. (**ds**) Browne 1961c: 210, 1981a: 126; Schedl 1972f: 201. (**tx**) Browne 1964: 757; Schedl 1958b: 105, 1972f: 201, 1978a: 42.

***lunifer* Schedl** 1960i: 111. Syntypes ♂; Sumatra, N.-Palawan, Binahnan; MNB, Berlin, and Schedl Collection in NHMW, Wien, automatic.
Distribution: Asia (Burma/ Assam in India/ Malaya), Indonesia (Borneo, Engano, Mentawei, Sumatra), Philippine Islands (Palawan), Si-Oban Island.
Hosts: *Afzelia palembanica*, *Albizzia* sp., *Coccoceras muticum*, *Shorea beutongensis*.
Notes: (1) Schedl 1978a: 28 (citation of holotype invalid). (3) Schedl 1961f: 95 (described female).
References: (**ds**) Browne 1966: 237, 1980b: 381, 1980c: 483; Ohno, Yoneyama, & Nakazawa 1982b: 10, 1987b: 90; Schedl 1961f: 95, 1966b: 95, 1971f: 150, 1972f: 201. (**tx**) Browne 1962e: 654; Schedl 1960i: 111, 1961f: 95, 1972f: 201, 1978a: 28.

*emarginatus* Schedl 1937d: 34 (*Crossotarsus*). Syntypes ♂; Sumatra, N.-Palawan, Binahnan; MNB, Berlin, and Schedl Collection in NHMW, Wien, preoccupied by Chapuis 1865.
Notes: (1) Schedl 1978a: 28 (citation of holotype invalid).
References: (**cn**) Mathur & Singh 1961a: 38. (**hb**) Browne 1961c: 210. (**ds**) Beeson 1941 (1961: 253); Browne 1961c: 210, 1983a: 555; Mathur & Singh 1961a: 38; Schedl 1936j: 21. (**tx**) Schedl 1936e: 43, 1937d: 34, 1939e: 334, 1960c: 35, 1960i: 110–111, 1978a: 28.

***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, Mentawei, Moluccas, Sumatra), New Guinea, Philippine Islands (Luzon, Mindoro).
Hosts: *Amoora* sp., *Ehretia acuminata*, *Ficus minahasse*, *Meliosma simplicifolia*.
References: (**hb**) Speyer 1923: 23. (**ds**) Gemminger & Harold 1872: 2699; Schedl 1972f: 242; Strohmeyer 1912c: 19, 1914c: 29. (**tx**) Motschul-

sky 1863: 510; Schedl 1972f: 242; Strohmeyer 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 1988a: 70; Yunus & Hua 1980: 216. (**ec**) Nakashima 1975: 5; Roberts 1980. (**hb**) Beaver 1988a: 70. (**ds**) Beaver 1988a: 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: 187, 1962f: 165, 1962i: 73, 1966b: 90, 1966g: 33, 1971f: 150, 1972f: 209, 1975a: 453, 1979a: 159; Strohmeyer 1911f: 204, 1912c: 18, 1914c: 28; Yunus & Hua 1980: 216. (**tx**) Browne 1964: 755; Chapuis 1865: 280; Murayama 1925b: 234–235, 1928a: 284, 287; Nakashima 1975: 28–33; Nobuchi 1985: 329; Schedl 1937d: 42, 1941b: 417–423, 1952b: 366, 1954a: 145, 1960c: 53, 1972f: 209; Strohmeyer 1912c: 18, 1914c: 28; Wood, S. L. 1969c: 120.

*schultzei* Strohmeyer 1911b: 26. Syntypes ♂ ♀; Negros, Maao, Philippine Islands; Bureau of Science, Manila. Synonymy: Schedl 1972f: 209.
References: (**cn**) Ishikura 1966. (**ds**) Ishikura 1966; Strohmeyer 1914c: 28. (**tx**) Schedl 1936e: 56, 1937d: 42, 1940b: 435, 1941b: 417, 1972f: 209, 1978a: 64; Strohmeyer 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; Strohmeyer 1912c: 9, 1914c: 23. (**tx**) Chapuis 1865: 122; Lucas 1920: 521; Schedl 1960c: 15, 1972f: 240; Strohmeyer 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 1978a: 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, 1978a: 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: 238 (described male).
References: (**ds**) Blackwelder 1947: 789; Gemminger & Harold 1872: 2699; Schedl 1972f: 219; Strohmeyer 1912c: 13, 1914c: 25. (**tx**) Chapuis 1865: 200; Schedl 1936c: 238, 1960c: 40, 1961i: 232, 1972f: 219, 1978a: 42; Strohmeyer 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 soroceoides*, *Ocotea laevis*, *Olea ambrensis*, *Pachytrophe dimepate*, *P. obovata*, *Persea americana*, *Pinus* sp., *Plagioscyphus* sp., *Protorhus* sp., *Ravensara pervillei*, *Symphonia* sp., *Vapaca* cf *ferruginea*, *Vernonia* sp.
References: (**cn**) Paulian 1950b: 59. (**ec**) Schedl 1977b: 247. (**hb**) Paulian 1950b: 59–60. (**ds**) Alluaud 1900: 441; Breniere & Dubois 1965: 16, 80; Fairmaire 1892b; Gemminger & Harold 1872: 2699; Heyden 1878: 102; Sampson 1928a: 3; Schedl 1969d: 7, 10, 1970d: 234, 1972f: 233, 1977b: 247; Strohmeyer 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; Strohmeyer 1912c: 11, 1914c: 25. (**ms**) Lucas 1920: 522.

***magnus* Browne** 1980a: 378. Holotype ♂; Solomon Islands to Tagonoura (Japan), imported; BMNH, London.
Distribution: Solomon Islands.
Hosts: *Gonystylus* 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*** **Guerin-Meneville** 1838: 170. Holotype ♂; Sizilianischen (miozanen) Bernstein (Simetit).
Distribution: Europe (Sicilian amber, Miocene).
References: (**ds**) Handlirsch 1908; Keilbach 1982: 256; Schedl 1960c: 64; Scudder 1891: 569. (**tx**) Chapuis 1865: 337; Guerin-Meneville 1838: 170; Keler 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; Strohmeyer 1912c: 14, 1914c: 26. (**tx**) Blandford 1896e: 110; Equihua & Atkinson 1987: 24; Schedl 1972f: 218; Strohmeyer 1912c: 14, 1914c: 26.

***margaritaceus*** **Roberts & Morimoto** 1986: 173. Holotype ♂; New Guinea: Papua, Kaisenik, Wau; 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; Strohmeyer 1912c: 9, 1914c: 23. (**tx**) Chapuis 1865: 133; Schedl 1933a: 400, 1935h: 355, 1936c: 228–232, 1960c: 18, 1972f: 240; Strohmeyer 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: *Pometia* 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 ♂; Viru Harbour (Solomon Islands) to Nagoya (Japan), imported; BMNH, London.
Distribution: Solomon Islands.
Hosts: "Basswood" log.
References: (**ds**) Ohno et al. 1988b: 98. (**tx**) Browne 1983a: 571.

***micrurus*** **Schedl** 1951i: 96. Syntypes 1 ♂, 1 ♀; Java, Preanger, G. Tangkoeban Prahoe, 4000–5000 Fuss; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Java), New Britain Island.
Hosts: *Dracontomelium 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.
*longecaudatus* Nunberg 1961b: 623. Holotype ♂; New Britain, Rabaul; BMNH, London. Synonymy: Schedl 1972f: 198.
References: (**tx**) Nunberg 1961b: 623; Schedl 1972f: 198.

***minacior*** **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: 388. Holotype ♂; Vanimo (New Guinea) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
References: (**ds**) Ohno, Yoneyama, & Nakazawa 1987a: 95; Ohno, Yoshioka, et al. 1988b: 98, 1989: 66. (**tx**) Browne 1980b: 388.

***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, 1978a: 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* Browne** 1984c: 453. Holotype ♂; Tg. Hoakep (Misool Island, West Irian) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: *Maniltoa* sp.
References: (**tx**) Browne 1984c: 453.

***mixtus* Schedl** 1976a: 90. Holotype ♀; Ter. Amapa, Rio Anicohi [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 und 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: (**en**) 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; Strohmeyer 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; Strohmeyer 1912c: 16, 1914c: 27.

***modigliani* (Schedl)** 1936e: 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.

***morobeensis* Browne** 1984f: 65. Holotype ♂; New Guinea: Morobe District, Mount Kaindi, 2350 m; BMNH, London.
Distribution: New Guinea.
References: (**tx**) Browne 1984f: 65.

***morosus* Schedl** 1975f: 388. Holotype ♂; Kum, 11 miles from Mt. Hagen, W.H.D., New Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1975f: 388.

***mulsanti* Chapuis** 1865: 154. Holotype ♂; Guadeloupe; BMNH, London (Schedl 1960c: 23).
Distribution: Antilles Islands (Guadeloupe).
References: (**cn**) Cleare 1924: 65–68. (**ds**) Blackwelder 1947: 790; Fleutiaux & Salle 1890: 458; Gemminger & Harold 1872: 2699; Schedl 1966f: 78, 1970e: 91, 1972f: 205; Strohmeyer 1912c: 10, 1914c: 24. (**tx**) Chapuis 1865: 154; Schedl 1941e: 156, 1960c: 23, 1972f: 205, 1978a: 45; Strohmeyer 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; Strohmeyer 1910g: 85–88, 1912c: 9, 1914c: 23. (**tx**) Chapuis 1865: 136; Reichardt 1964b: 86; Schedl 1934e: 211, 1960c: 19, 1972f: 240; Strohmeyer 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: Strohmeyer 1910g: 85–88, Schedl 1960c: 19.
References: (**bv**) Santoro 1962c, 1963a. (**en**) 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. (**ec**) 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, 1970e: 87, 1972g: 51,

1976a: 58, 1978c: 292, 1979c: 58; Strohmeyer 1912c: 9, 1914c: 24. (**tx**) Brethes 1909; Chapuis 1965: 137; Costa Lima 1956; Marzelli 1931: 6; Nunberg 1958a: 481; Santoro 1965a; Schedl 1935e: 176–177, 1936c: 228, 230, 1936e: 51, 1937d: 37, 1939b: 379, 399, 1939j: 565, 1939m: 170, 1941e: 154, 1948d: 37, 1950i: 148, 1951h: 285, 287, 1952a: 444, 1952e: 123, 1958f: 36, 1960c: 19, 1972f: 240; Strohmeyer 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; Strohmeyer 1912c: 9, 1914c: 23. (**tx**) Bosq 1934: 355; Brethes 1909: 225; Schedl 1939m: 170, 1972f: 240; Strohmeyer 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: *Galbulimima* sp.
References: (**tx**) Roberts 1989: 276, 288.

***neoplicatus*** **Schedl** 1964c: 300. Holotype ♂; Sumatra, Mt. Teleman; RNH, 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: 78; Schedl 1972f: 190.

***nitens*** **Browne** 1980a: 379. Holotype ♂; Ulamona (New Britain) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Britain Island.
References: (**ds**) Ohno, Yoneyama, & Nakazawa 1987a: 95; Ohno 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 Lunier; 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: 183.

***nocuus* Schedl** 1935k: 487. 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: 487–488, 1942a: 214, 1972f: 186, 1978a: 47.

***noonadanae* 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: 8 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.

***novaeguineensis* Roberts** 1989: 277. Holotype ♂; Papua New Guinea:Gumi, Watut Logging Area, Bulolo, 2200 m; NHMW, Wien.
Figures: Roberts 1989: 288.
Distribution: New Guinea.
Hosts: *Lithocarpus* sp.
References: Roberts 1989: 277, 288.

***nudatus* Wood** 1972b: 243. Holotype ♂; 8 km S Colonia (near Buenaventura), Valle de Canca, Colombia; Wood Collection.
Distribution: South America (Colombia).
Hosts: *Couma macrocarpa*, *Lecythis* sp., *Sacoglothia procera*.
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 Francaise: Camopi, St. Laurent du Maroni, St. Jean du Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 48.
Distribution: South America (Cayenne).
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 synonym.
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 ♂; Neuguinea, Mt. Wilhelm; Schedl Collection in NHMW, Wien, automatic.
Distribution: New Guinea.
References: (**tx**) Wood, S. L. 1981: 121.
*obliquesectus* Schedl 1975g: 229. Holotype ♂; Neuguinea, 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; Strohmeyer 1912c: 9, 1914c: 23. (**tx**) Blandford 1896e: 99; Brethes 1909; Equihua & Atkinson 1987: 25; Schedl 1940c: 204–205, 1972f: 240; Strohmeyer 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*). Syntypes ♂; 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, 1937e: 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; Nunberg 1963c: 107; Schedl 1970f: 582, 1972f: 187, 1972g: 49; Strohmeyer 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; Strohmeyer 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 1896e; Equihua & Atkinson 1987: 25; Gemminger & Harold 1872: 2699; Schedl 1966f: 93, 1972f: 184; Strohmeyer 1912c: 17, 1914c: 28. (**tx**) Blandford 1896e; Chapuis 1865: 273; Equihua & Atkinson 1987: 25; Lucas 1920: 522; Schedl 1933c: 175, 1937d: 33, 42, 1939b: 399, 1941e: 156, 1960c: 52, 1972f: 184; Strohmeyer 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** 1985b: 294. Holotype ♂; Keelung (Formosa) to Nagoya (Japan), imported.
Distribution: Asia (Taiwan).
References: (**tx**) Browne 1985b: 294.

***octospinosus* Browne** 1985a: 193. Kudat (Sabah) to Nagoya (Japan), imported.
Figures: Nunberg 1960a: 296.
Distribution: Indonesia (Borneo).
Hosts: *Shorea* sp.
References: (**tx**) Browne 1985a: 193; Nunberg 1960a: 296.

***ohnoi* Browne** 1981a: 136. Holotype ♂; Singapore to Nagoya (Japan), imported; BMNH, London.
Distribution: Asia (Malaya).
References: (**tx**) Browne 1981a: 136.

***olivieri* Chapuis** 1865: 132. Holotype ♂; du Bresil, Para, Ega.; BMNH, London (Schedl 1960c: 18).
Distribution: South America (Brazil).
References: (**ds**) Blackwelder 1947: 790; Gemminger & Harold 1872: 2699; Schedl 1972f: 240; Strohmeyer 1912c: 9, 1914c: 23. (**tx**) Chapuis 1865: 132; Schedl 1936c: 230, 1960c: 18, 1972f: 240; Strohmeyer 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: Sepetir.
References: (**ds**) Nobuchi 1977: 134; Schedl 1972f: 210. (**tx**) Nobuchi 1978a: 80–81; Schedl 1970b: 365–366, 1972f: 210, 1978a: 49.

***omissus* Schedl** 1968e: 267. Holotype ♂; Afafiningetu, 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 1968e: 267, 1972f: 191, 1978a: 50.

***omnivorus* (Lea)** 1904: 104 (*Crossotarsus*). Syntypes ♂♀; Tasmania; SAM, Adelaide.
Distribution: Australia, Tasmania, New Guinea.
Hosts: *Acacia* spp., *Araucaria cunninghamii*, *Eucalyptus* spp., *Flindersia brayleana*, *F. pubescens*, *Geisois benthami*.
Notes: (1) Schedl 1972f: 206 (to *Platypus*).
References: (**cn**) Browne 1968b: 571; Froggatt 1921: 645–648, 1926b, 1927; Kleine 1932a: 310, 402; Miller 1950: 318; Veitch 1933: 122–127. (**cc**) Froggatt 1923. (**hb**) Browne 1968b: 571; Froggatt 1923, 1926b, 1927; Kleine 1932a: 310, 402; Lengerken 1954: 326. (**ds**) Browne 1968b: 571; Kleine 1932a: 310, 402; Sampson 1925: 2, 1928a: 3; Schedl 1936g: 514, 1962a: 74, 1972f: 206, 1979a: 160, 1980b: 185; Strohmeyer 1912c: 19, 1914c: 29. (**tx**) Beeson 1937: 101; Carne et al.

1980; Lea 1904: 104, 1910: 135; Sampson 1925: 2, 1928a: 3, 1928b: 391; Schedl 1939b: 398, 1941e: 153–154, 1942c: 164, 1972f: 206; Strohmeyer 1912c: 19, 1914c: 29.

***oneratus* Schedl** 1970b: 366. Holotype ♂; Philippine Isl., Dinajawan to Nagoya (Japan), imported; PPST, Tokyo.
Figures: Nobuchi 1978a: 80.
Distribution: Philippine Islands.
Hosts: Lauan log.
References: (**ds**) Nobuchi 1977: 128; Ohno, Yoneyama, & Nakazawa 1987b: 90; Schedl 1972f: 198. (**tx**) Nobuchi 1978a: 80, 1978b: 80, 1985: 329; Schedl 1970b: 366, 1972f: 198, 1978a: 50.

***opacicauda* Browne** 1983a: 565. Holotype ♂; Tg. Usau (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. Usau (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 Sawmill, S. D. H.; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Araucaria cunninghamii*, *Macaranga* sp.
References: (**ds**) Schedl 1972f: 184. (**tx**) Schedl 1969b: 227–228, 1972f: 184, 1978a: 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 1978a: 50 (citation of holotype invalid, male syntype lost).
References: (**ds**) Schedl 1936g: 515–516, 1972f: 190. (**tx**) Schedl 1936g: 515, 1942c: 165, 1972f: 190, 1978a: 50.

***opacipennis* Schedl** 1975g: 230. Holotype ♂; New Guinea, Wau; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1975g: 230, 1978a: 50.

***opacurus* Browne** 1980b: 387. Holotype ♂; Jayapura (New Guinea) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
References: (**tx**) Browne 1980b: 387.

***opimus* Schedl** 1975f: 390. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
Hosts: *Castanopsis accuminatissima*.
References: (**tx**) Schedl 1975f: 390.

***orientalis* (Strohmeyer)** 1912f: 83 (*Stenoplatypus*). Syntypes ♂♀; Ost-Afrika; Strohmeyer Collection.
Distribution: Africa (Cameroon/ Congo/ Ethiopia/ Ghana/ Ivory Coast/ Kenya/ Nigeria/ Sierra Leone/ Tanzania/ Togo/ Uganda/ Zaire).
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; Strohmeyer 1911a: 182; Thompson, G. H. 1963: 59; Webb 1957: 36–41. (**ds**) Mayne & Donis 1960: 98, 1962: 286; Strohmeyer 1911a: 182, 1912c: 6, 1914c: 36; Thompson, G. H. 1963: 59. (**tx**) Schedl 1954e: 58, 1957d: 118–120, 1962h: 63, 1962k: 663, 1972f: 216; Strohmeyer 1911a: 182, 1912c: 6, 1912f: 83, 1914c: 36.

*augustatus* Strohmeyer 1912f: 83 (*Crossotarsus*). Syntypes ♂; Kamerun nd Deutsch Ostafrika am Mkulusumi-Berg; MNB, Berlin, Hamburg Museum, lost, and Strohmeyer Collection, preoccupied by Chapuis 1865.
References: (**en**) Mayne & Donis 1951. (**ec**) Mayne & Donis 1951. (**hb**) Gardner 1957: 29; Jones, Roberts, & Baker 1959: 13–54; Webb & Jones 1957: 25–26, 38, 41. (**ds**) Mayne & Donis 1960: 98, 1962: 280; Strohmeyer 1912c: 6. (**tx**) Schedl 1950d: 4, 11, 14, 1952j: 5, 1953g: 244, 1954e: 48, 1955f: 260, 1957d: 118–122; Strohmeyer 1912c: 6, 1912f: 83–85.

*castaneus* Strohmeyer 1912f: 84 (*Crossotarsus*). Syntypes ♂♀; West-Usambara (Karasek); Strohmeyer Collection. Synonymy: Schedl 1972f: 216.
References: (**ds**) Strohmeyer 1912c: 6, 1914c: 36. (**tx**) Schedl 1936e: 47–48, 1957d: 118–121, 1972f: 216; Strohmeyer 1912c: 6, 1912f: 84–85, 1914c: 36.

*refertus* Schedl 1941d: 415. Holotype ♀; Togo; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1957d: 122.
References: (**en**) Browne 1968b: 571. (**ec**) Schedl 1962k: 659. (**hb**) Browne 1968b: 571; Schedl 1962k: 659. (**ds**) Browne 1968b: 571; Mayne & Donis 1960: 100, 1962: 286; Roberts 1968: 189; Schedl 1962h: 63, 1962k: 659, 1972e: 284, 1972f: 215. (**tx**) Nunberg 1964: 237; Powell, W. 1987: 28; Schedl 1941d: 415, 1954e: 48, 1957d: 118–122, 1962h: 63, 1962k: 659, 1972f: 215, 1972p: 159, 1978a: 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, 1978a: 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: Hembe-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 ♂; Neu-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 Francaise, 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 & Saucedo 1983: 44. (**ds**) Atkinson & Equihua 1985a: 103, 1988: 104; Atkinson et al. 1986: 12–13; Blackwelder 1947: 790; Burgos & Saucedo 1983: 44; Equihua 1985: 143; Equihua & Atkinson 1987: 25; Ferrer 1942; Schedl 1972f: 205; Wood, S. L. 1966a: 53. (**tx**) Equihua & 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.

***ovatus* Strohmeyer** 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; Strohmeyer 1914f: 1–4.

***oxyurus* Dufour** 1843: 92. Syntypes?: 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. (**en**) Joly 1953: 3–6; Kailidis &

Georgevits 1972. (**ec**) Kleine 1908c: 222. (**hb**) Eggers 1906; Eichhoff 1881a: 55, 306; Espanol 1964b; Husson 1955: 249; Knotek 1899b: 18, 1901: 576; Pfeffer 1989a: 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 1948: 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; Schaum 1859: 96, 1862: 101; Schedl 1967c: 73; Siebold 1849: 310; Stein & Weise 1877: 165; Strauch 1861: 122; Strohmeyer 1912c: 17, 1914c: 27; Tredl 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; Strohmeyer 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; Strohmeyer 1912c: 14, 1914c: 26. (**tx**) Blandford 1896e: 111; Equihua & Atkinson 1987: 25; Schedl 1972f: 218; Strohmeyer 1912c: 14, 1914c: 26.

***pallidus* Chapuis** 1865: 284. Syntypes ♀; de la Nouvelle Guinee, 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. (**ec**) 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; Strohmeyer 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; Strohmeyer 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.

***paralleliventrus* 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 Essequibo [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/ Zaire), Antilles Islands (Cuba/ Dominican Republic in Hispanola/ 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 (*praeustus*, 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 (SLW).

References: (**cn**) Beaver 1988a: 70; Idrobe 1958: 75. (**ec**) 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, 1988: 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 1978a: 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: 87; Ohno, 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; Strohmeyer 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: 384; Lacordaire 1866: 391; LeConte 1876: 344; Schedl 1933c: 171, 1933e: 193, 1934e: 212, 1936e: 51, 1937d: 39, 1939j: 565, 1939m: 170, 1941e: 155, 1948d: 38, 1952a: 446, 1952h: 73, 1958f: 35, 1960c: 26, 1962k: 624–628, 1972f: 233; Steinhausen 1956: 49; Strohmeyer 1912c: 11, 1914c: 25; Swaine 1909: 84; Waterhouse 1890: 554; Wood, S. L. 1973a: 51–52, 1979a: 2; Wylie & Yule 1977.

*linearis* Stephens 1830: 419. Holotype ♂; Sydenham [England]; BMNH, London. Synonymy: Wood 1979a: 2.

References: (**ay**) Menier 1976: 348. (**bv**) Menier 1976: 348. (**cn**) Halperin & Menier 1981. (**ec**) 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: 338; 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, 48, 1963: 41, 50, 1964: 30, 1966: 38, 53; Numberg 1971: 59, 1972b: 190; Roberts 1961: 39–43, 1968: 188, 1969: 117–118; Schedl 1941d: 381, 1941e: 155, 1950c: 206, 1950d: 3, 10, 14, 1952j: 5, 1953g: 243, 1954e: 48, 57, 71, 1955d: 270, 1957b: 152, 1957c: 326, 1961e: 157, 1962h: 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: 38, 1973a: 368, 1973d: 163, 1974e: 52, 1975h: 351, 1976a: 58, 1976d: 5; Schonherr & Pedrosa-Macedo 1981: 57; Stephens 1830: 419; Strohmeyer 1912e: 19, 1914c: 29; Wolcott 1948: 385; Wood, S. L. 1957e: 1272. (**tx**) Bright 1972d: 19, 20; Chapuis 1865: 338; Lara & Shenfelt 1965: 175; Sampson 1924: 129; Schedl 1933e: 193, 1936e: 51, 1937b: 407, 1937d: 39, 1941e: 155, 1960c: 64, 1962k: 620, 1972f: 232; Stephens 1830: 419; Strohmeyer 1912c: 11, 19, 1914c: 24, 29; Vrydagh 1947: 8; Wood, S. L. 1979a: 2.

*pocyi* Guerin-Meneville 1838: 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: 458; Gemminger & Harold 1872: 2699; Lacordaire 1866: 391; Schedl 1933c: 171, 1966f: 80, 1970e: 89; Strohmeyer 1912c: 12, 1914c: 25; Wolcott 1936: 316, 1948: 384. (**tx**) Chapuis 1865: 208; Chevrolat 1838; Guerin-Meneville 1838: 183; Lacordaire 1866: 391; Sagra 1856: 98; Schedl 1933c: 171, 1960c: 37, 1972f: 232; Strohmeyer 1912c: 12, 1914c: 25; Wood, S. L. 1979a: 2.

*subcostatus* Jacquelin-Duval 1857: 238. Syntypes?; 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; Strohmeyer 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; Strohmeyer 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. (**ec**) 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; Rufinelli & Carboneli 1944: 27; Sampson 1928a: 3; Schedl 1933c: 171, 1933f: 192, 1960a: 75–77; Strohmeyer 1911f: 204, 1912c: 11, 1914c: 24. (**tx**) Blandford 1896e: 790; Chapuis 1865: 186; Costa Lima 1956; Numberg 1958a: 482; Ruffinelli Rey 1967; Sampson 1924c: 129, 1928a: 3; Schedl 1933f: 192–193, 1936e: 51, 1937d: 39, 1939m: 170, 1940a: 324, 1948d: 38, 1950i: 148, 1951m: 72, 74, 1952a: 444, 1952h: 73, 1960c: 31, 1972f: 232; Strohmeyer 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 1.

*marseuli* 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; Strohmeyer 1912c: 11, 1914c: 25. (**tx**) Chapuis 1865: 188; Numberg 1939: 240–241, 1940: 68; Schedl 1941e: 156, 1960c: 32, 1972f: 232; Strohmeyer 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; Strohmeyer 1912c: 12, 1914c: 25. (**tx**) Chapuis 1865: 188; Schedl 1941e: 156, 1960c: 32, 1972f: 232; Strohmeyer 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; Strohmeyer 1912c: 11, 1914c: 24. (**tx**) Chapuis 1865: 191; Schedl 1936c: 238, 1937d: 39, 1941e: 156, 1952h: 73, 1960c: 32, 1972f: 232; Strohmeyer 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; Strohmeyer 1912c: 12, 1914c: 25. (**tx**) Schedl 1936e: 51, 1960c: 33, 1972f: 233; Strohmeyer 1912c: 12, 1914c: 25; Wood, S. L. 1979a: 2.

*rugulosus* Chapuis 1865: 192. Syntypes ♂♀; Mexique, Toxpam, 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; Strohmeyer 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, 1952e: 123, 1955b: 274, 1957a: 195, 1958c: 2, 1958f: 35–36, 1972f: 233; Strohmeyer 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; Strohmeyer 1912c: 12, 1914c: 25. (**tx**) Blandford 1896e: 108; Chapuis 1865: 195; Schedl 1960c: 34, 1972f: 233; Strohmeyer 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; Strohmeyer 1912c: 11, 1914c: 24. (**tx**) Chapuis 1865: 196; Schedl 1960c: 34, 1972f: 232; Strohmeyer 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 2.

*lebasi* 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; Strohmeyer 1912c: 11, 1914c: 24. (**tx**) Chapuis 1865: 197; Schedl 1960c: 34, 1972f: 232; Strohmeyer 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 2.

*emarginatus* Chapuis 1865: 199. Holotype ♂;

de Toxpam; BMNH, London (Schedl 1960c: 35). Synonymy: Wood 1979a: 2.
References: (**ds**) Blackwelder 1947: 789; Gemminger & Harold 1872: 2698; Leng 1920: 337; Strohmeyer 1912c: 11, 1914c: 24. (**tx**) Blandford 1896e: 107; Chapuis 1865: 199; Schedl 1960c: 35 1972f: 232; Strohmeyer 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; Strohmeyer 1912c: 12, 1914c: 25; Swaine 1909: 85; Tucker 1952: 347; Wolcott 1948: 385. (**tx**) Chapuis 1865: 199; LeConte 1868: 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; Strohmeyer 1912c: 12, 1914c: 25; Swaine 1909: 85; Wood, S. L. 1979a: 2.

*subaequalis* Chapuis 1865: 200. Holotype ♂; de la Colombia; IRSNB, Brussels (Schedl 1960c: 35). Synonymy: Wood 1979a: 2.
References: (**ds**) Blackwelder 1947; Gemminger & Harold 1872: 2700; Strohmeyer 1912c: 13, 1914c: 25. (**tx**) Chapuis 1865: 200; Schedl 1941e: 156, 1960c: 35, 1972f: 233; Strohmeyer 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, Gayao, & 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 1933e: 172; Strohmeyer 1911f: 204, 1912e: 13, 1914c: 25. (**tx**) Brethes 1909, 1919; Chapuis 1865: 201; Costa Lima 1956; Nunberg 1939: 241, 1940: 69; Sampson 1928a: 3; Schedl 1937d: 39, 1938i: 28, 1941e: 156, 1948d: 37, 1951h: 285–286, 1952a: 445, 1952h: 73, 1958f: 36, 1960c: 35, 1972f: 233; Strohmeyer 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; Strohmeyer 1912c: 11, 1914c: 25. (**tx**) Chapuis 1865: 203; Schedl 1960c: 35, 1972f: 232; Strohmeyer 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; Strohmeyer 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; Strohmeyer 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; Strohmeyer 1911f: 204, 1912c: 12, 1914c: 25. (**tx**) Chapuis 1865: 205; Schedl 1960c: 36, 1972f: 232; Strohmeyer 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; Strohmeyer 1912c: 11, 1914c: 25. (**tx**) Chapuis 1865: 207; Schedl 1960c: 36–37, 1972f: 232; Strohmeyer 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: 8. (**cc**) Mayne & Donis 1951: 326, 336. (**ds**) Blackwelder 1947: 789; Collard 1934; Gemminger & Harold 1872: 2698; Hoffmann 1957; Mayne & Donis 1962: 281; Schedl 1933f: 192; Strohmeyer 1912c: 11, 1914c: 24; Thompson, G. H. 1963: 58; Vrydagh 1947a: 8; Wood, S. L. 1957c: 1272. (**tx**) Chapuis 1865: 211; Sampson 1924c: 127; Schedl 1933f: 192–193, 1936e: 51, 1937b: 407, 1937d: 39, 1941d: 381, 1941e: 155, 1950c: 206, 1950d: 3, 10, 14, 1952j: 5, 1953g: 243, 1954e: 48, 57, 1955d: 270, 1957b: 152, 1960c: 12, 38, 1972f: 232; Strohmeyer 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; Fleutiaux & Salle 1890: 458; Gemminger & Harold 1872: 2699; Strohmeyer 1912c: 11, 1914c: 24. (**tx**) Chapuis 1865: 212; Schedl 1941e: 156, 1960c: 39, 1972f: 232; Strohmeyer 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 2.

*congoanus* Duvivier 1891: 363. Syntypes ♂♀; Ibembo, Congo; not located. Synonymy: Wood 1979a: 2.
References: (**ds**) Schedl 1933f: 192; Strohmeyer 1912c: 11, 1914c: 24. (**tx**) Duvivier 1891: 363; Sampson 1924: 129; Schedl 1933f: 192–193, 1960c: 39, 1972f: 232; Strohmeyer 1912c: 11, 1914c: 24; Wood, S. L. 1979a: 2.

*triquetrus* Brethes 1909: 226. Syntypes ♂♀; Chaco [Argentina]; Brethes Collection. Synonymy: Wood 1979a: 2.
References: (**en**) Bosq 1934: 335; Hayward 1942: 27. (**ds**) Bruch 1914a; Strohmeyer 1912c: 13, 1914c: 25. (**tx**) Brethes 1909: 226; Schedl 1939m: 170, 1972f: 233; Strohmeyer 1912c: 13, 1914c: 25; Wood, S. L. 1979a: 2.

*mattai* Brethes 1921: 26. Holotype ♂; Manaos [Brazil]; Brethes Collection. Synonymy: Wood 1979a: 2.
References: (**en**) 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.

***paramonovi* 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 ♂; Vilhena, 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, 1936e: 52, 1972f: 193, 1978a: 51.

***parvus* Browne** 1986b: 340. Holotype ♂; Solomon Islands: Virn 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 sundaica*.
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 ♂; Neu-Guinea, Wau, 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: 188, 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: *Rengas* 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 Francaise, 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 Francaise: 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 Francaise: 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'ile de Malacca (Singapour) at de l'ile 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, 1928b: 394; Schedl 1962h: 63, 1966b: 97, 1972f: 185; Strohmeyer 1912c: 17, 1914c: 27. (**tx**) Chapuis 1865: 260; Nobuchi 1985: 328; Sampson 1919: 106, 1928b: 394; Schedl 1939b: 398, 1960c: 49, 1972f: 185; Strohmeyer 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; Strohmeyer 1912c: 11, 1914c: 25. (**tx**) Chapuis 1865: 170; Keler 1927a: 235; Schedl 1939j: 565, 1948d: 37, 1960c: 27, 1972f: 233, 1978a: 54; Strohmeyer 1912c: 11, 1914c: 25.

***peruanus* Nunberg** 1939: 238. Holotype ♀; Lima, Peru; Polischen Zoologischen Staatsmuseums.
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.

***petaloideus* 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: *Garuga floribunda*.
Notes: (3) Schedl 1979c: 116 (described female).

References: (**tx**) Schedl 1974d: 469, 1978a: 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. *lancifolia, Polyalthia suaveolens, Pycnanthus angolensis, Ricinodendron hendelotii, Scorodophloeus zenkeri, Terminalia superba.*
References: (**ds**) Mayne & Donis 1960: 98, 1962: 286; Roberts 1968: 188, 1969: 118; Schedl 1962k: 636, 1972f: 223. (**tx**) Schedl 1952i: 22, 1957d: 120, 1962k: 636, 1108, 1972f: 222–223, 1978a: 55.

***pierloti* Browne** 1972c: 106. Holotype ♂; Congo-Kinshasa: Kivu, Bitale; MRCB, Tervuren.
Distribution: Africa (Zaire).
References: (**tx**) Browne 1972c: 106.

***pilidens* Schedl** 1955b: 309. Holotype ♂; Neu-Guinea, Berlinhafen; originally in Schedl Collection but transferred to NHMB, Budapest (Schedl 1978a: 55).
Distribution: New Guinea.
References: (**ds**) Schedl 1972f: 200. (**tx**) Schedl 1955b: 282, 309, 1972f: 200, 1978a: 55.

***pini* 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; Strohmeyer 1912c: 11, 1914c: 25; Thomas, J. B. 1966; Wickham 1898: 312; Wood, S. L. 1958b: 37, 1979a: 2. (**tx**) Equihua & Atkinson 1987: 26; Hopkins 1905b: 71; Reichardt 1965b: 159, 161; Schedl 1940a: 324–325, 1972f: 223; Strohmeyer 1912c: 11, 1914c: 25; Wood, S. L. 1958b: 37, 1966b: 17, 1979a: 2.

*quadridens* Schedl 1937d: 38. Lectotype ♂; Mexico, Sierra de Durango und Camelas, Staat Durango; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 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, 1978a: 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 SLW.
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, 1978a: 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, 1978a: 55.

***planodeclivis* Schedl** 1942a: 206. Lectotype ♂; Malaya, Pahang, Raub (Chengal); Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 55.
Figures: Nobuchi 1978a: 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 1978a: 80, 1978b: 79; Schedl 1942a: 206, 1972f: 196, 1978a: 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, Dryabalanops 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 NHMW, 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 l'île 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; Strohmeyer 1912c: 16, 1914c: 27. (**tx**) Chapuis 1865: 249; Sampson 1928b: 392; Schedl 1960c: 47, 1972f: 194; Strohmeyer 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 1978a: 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: 98, 1989: 66; Schedl 1972f: 193. (**tx**) Nobuchi 1978b: 77, 80; Schedl 1942a: 209, 1972f: 193, 1972h: 70, 1978a: 55.

***poricollis* Schedl** 1950i: 147. Holotype ♀; Neu-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 ♀; Neu-Guinea; Schedl Collection in NHMW, Wien, preoccupied by Blandford 1896.
References: (**ds**) Equihua & Atkinson 1987: 27; Schedl 1972f: 205. (**tx**) Equihua & Atkinson 1987: 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** 1896e: 105. Syntypes ♂♀; Panama, Volcan de Chiriqui; BMNH, London.
Figures: Blandford 1896e:pl. 4, fig. 16.
Distribution: North America (Panama).
References: (**ds**) Blackwelder 1947: 790; Strohmeyer 1912c: 10, 1914c: 24. (**tx**) Blandford 1896e: 105–106; Strohmeyer 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 1896e: 103–104; Equihua & Atkinson 1987: 27; Gemminger & Harold 1872: 2699; Schedl 1933c: 166, 1972f: 241; Strohmeyer 1912c: 9, 1914c: 23. (**tx**) Blandford 1896e: 103–104; Chapuis 1865: 150; Equihua & Atkinson 1987: 27; Schedl 1960c: 22, 1972f: 241; Strohmeyer 1912c: 9, 1914c: 23.

***pouteriae* Wood** 1972b: 252. Holotype ♂; 40 km SE Socopo, Barinas, Venezuela; Wood Collection.
Distribution: South America (Colombia/Venezuela).
Hosts: *Pouteria anibaefolia*, *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.

***praecellens* 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, 1978a: 56.

***praepositus* Schedl** 1969b: 229. Holotype ♂; New Guinea: Watut Valley, 1200 m, Morobe District; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Araucaria hunsteinii*, *Xanthophyllum* sp.
Notes: (3) Schedl 1972i: 58 (described female).
References: (**ds**) Schedl 1972f: 200. (**tx**) Schedl 1969b: 229–230, 1972f: 200, 1972i: 58, 1978a: 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, 1978a: 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 1987: 27; Schedl 1972f: 220. (**tx**) Equihua & Atkinson 1987: 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 *intermedius*), Roberts 1972: 71 (treated as a good species).
References: (**ds**) Schedl 1972f: 215. (**tx**) Roberts

1972: 71; Schedl 1936e: 60–61, 1957d: 120, 1962k: 653, 1972f: 215, 1978a: 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, 1978a: 57.

***protenus* (Schedl)** 1939e: 356 (*Crossotarsus*). Lectotype ♂; Malaya, Pahang: Kemasul For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 57.
Distribution: Asia (India, Malaya).
Hosts: *Hopea mengarawan, Pometia macrocarpa, Xerospermum* sp.
References: (**ds**) Beeson 1961: 266; Browne 1961c: 200; Schedl 1972f: 207. (**tx**) Schedl 1939e: 356–357, 1942a: 172, 1972f: 207, 1978a: 57.

***pseudocupulatus* Schedl** 1935n: 635. Syntypes ♂♀; Malay States: Selangor, Rawang, Sungei Buloh, and Kakang; BMNH, London, and Schedl Collection in NHMW, Wien.
Figures: Nakashima 1975: 59, Nobuchi 1978a: 80.
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, Austrobuxus nitidus, Bouea* sp., *Cassia siamea, Castanopsis* sp., *Chrysophyllum roxburghii, Dalbergia latifolia, Dryobalanops aromatica, D. oblongifolia, Durio* sp., *Elateriospermum 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., *Pometia* 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 1978a: 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. 1978. (**ec**) Browne 1958b; Nakashima 1975: 6. (**hb**) Beaver & Browne 1978: 620; Browne 1941, 1958b, 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; Ohno, Yoneyama, & Nakazawa 1982a: 5, 1982b: 10, 1987b: 90; Ohno, 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, 1936e: 56, 1939c: 1, 1941b: 421–422, 1942a: 172, 1958i: 215, 1972f: 211, 1978a: 57.

*pseudocupulatus sundaensis* Schedl 1941b: 421. Holotype ♂; Java, Bandjar; Schedl Collection in NHMW, Wien.
References: (**cn**) Kalshoven 1960d: 48. (**ds**) Browne 1985b: 290; Kalshoven 1960d: 38; Nobuchi 1977: 138; Ohno, Yoneyama, & Nakazawa 1987a: 95; Schedl 1962f: 167, 1969a: 208, 1972f: 211. (**tx**) Nobuchi 1978a: 80, 1978b: 82; Schedl 1941b: 421, 1972f: 211, 1978a: 57.

*pseudocupulatus artecavus* Schedl 1941b: 422. Holotype ♂; New Guinea: Papua, Kokoda, 1200 ft.; Schedl Collection in NHMW, Wien.
References: (**ds**) Schedl 1961c: 69, 71, 1968e: 264, 1972f: 211. (**tx**) Schedl 1941b: 422, 1972f: 211, 1978a: 57.

***pseudocurtus* Schedl** 1935n: 635. Lectotype ♀; Malay States: Pahang (Mentakab), Pahang (Tranum), Johore North (Kluang); Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 57.
Distribution: Asia (Malaya/ Vietnam).
Hosts: *Dipterocarpus kunstleri, Dryobalanops aromatica, Shorea faguatiana, S. leprosula, Intsia palembanica*.
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; Ohno, Yoneyama, & Nakazawa 1982b: 10; Schedl 1972f: 185. (**tx**) Browne 1955: 369; Schedl 1935n: 635–636, 1972f: 185, 1978a: 57.

***pseudodignatus* Schedl** 1963d: 232. Holotype ♂; Brasilien: Sao Paulo, Caraguatatuba, Res. Flor., 40 m; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**ds**) Schedl 1972f: 241. (**tx**) Schedl 1963d: 232, 1972f: 241, 1978a: 58.

***pseudolongulus* Schedl** 1963d: 233. Holotype ♂; Franz. Guayana; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil/ Cayenne).
References: (**ds**) Schedl 1972f: 205, 1976a: 58. (**tx**) Schedl 1963d: 233, 1972f: 205, 1978a: 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 1987: 27; Schedl 1933c: 168, 1972f: 241. (**tx**) Equihua & Atkinson 1987: 27; Schedl 1933c: 168, 1972f: 241, 1978b: 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** 1983a: 570. Holotype ♂; Wapoga (West Irian) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: "Himelio, Matoa" logs.
References: (**ds**) Ohno, Yoneyama, & Nakazawa 1987a: 95. (**tx**) Browne 1983a: 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; Nunberg 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 1984c: 499; Nobuchi 1977: 127; Schedl 1972f: 196. (**tx**) Nobuchi 1985: 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*, *Laurineae* sp., *Lophopetalum* sp., *Nephelium* sp., *Xylopia cordata*.
Notes: (1) Schedl 1972f: 237 (to *Platypus*).
References: (**hb**) Browne 1961c: 200. (**ds**) Beeson 1941 (1961: 254); Browne 1961c: 200, 202, 1981b: 599, 1986c: 662; Schedl 1972f: 237. (**tx**) Schedl 1939e: 357–358, 1941c: 356, 1950g: 895–896, 1972f: 237, 1978a: 59.

*puerulus parvulus* Schedl 1939e: 358 (*Crossotarsus*). Holotype ♂; Kepong, Malaya; Schedl Collection in NHMW, Wien.
References: (**ds**) Schedl 1972f: 237. (**tx**) Schedl 1939e: 358, 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 1981b: 600; Equihua & Atkinson 1987: 27; Gemminger & Harold 1872: 2700; Schedl 1967d: 5, 1972f: 234, 1972g: 40, 1973d: 164, 1976a: 58, 1978c: 292, 1979e: 58; Schonherr & Pedrosa-Macedo 1981: 58; Strohmeyer 1912c: 12, 1914c: 25. (**tx**) Bright 1972d: 19, 22; Chapuis 1865: 165; Equihua & Atkinson 1987: 27; Reichardt 1964b: 88; Schedl 1934e: 212, 1938i: 28, 1939j: 565, 1941e: 155, 1952e: 123, 1959m: 557, 1960c: 26, 1972f: 234; Strohmeyer 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; Nunberg 1958a: 481, 1972b: 190; Strohmeyer 1912c: 11, 1914c: 25. (**tx**) Chapuis 1865: 180; Nunberg 1958a: 481–482; Reichardt 1964: 88; Schedl 1936c: 237, 1948d: 41, 1960c: 30, 1972f: 234; Strohmeyer 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: 385; Strohmeyer 1912c: 13, 1914c: 25; Wolcott 1936: 317, 1948: 385. (**tx**) Chapuis 1865: 181; Reichardt 1964: 88; Schedl 1936c: 237, 1937d: 33, 39, 1951h: 287, 1952a: 446, 1972f: 234; Strohmeyer 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** 1985a: 195. Holotype ♂; Kadat (Sabah) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Borneo).
Hosts: *Shorea* sp.
References: (**tx**) Browne 1985a: 195.

***quadricaudatulus* Schedl** 1934e: 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 1934e: 211, 1972f: 219, 1978a: 60.

***quadricinctus* 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, 1978a: 60.

***quadricornis* Schedl** 1957d: 123. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Figures: Schedl 1962k: 673, 1972f: 226.
Distribution: Africa (Zaire).
Hosts: *Polyalthia suavcolens*.
References: (**tx**) Mayne & Donis 1960: 100, 1962: 286; 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. (**cn**) Anonymous 1968g; Blackman 1950; Chamberlin 1939: 110–112; Doane et al. 1936; Hubbard 1897b: 15; Seymour 1968. (**cc**) 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; Equihua & Atkinson 1987: 28; Genminger & 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; Equihua & 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 1958b: 37, 1972b: 249.
References: (**hb**) Chamberlin 1939: 110. (**ds**) Chamberlin 1939: 110; Gemminger & Harold 1872: 2698; Leng 1920: 337; Sampson 1928a: 3; Strohmeyer 1912c: 13, 1914c: 26; Swaine 1909: 85; Wood, S. L. 1958b: 37. (**tx**) Chamberlin 1939: 110; Chapuis 1865: 219; LeConte 1868: 151, 1876: 343; Sampson 1928a: 3; Schedl 1937d: 40, 1960c: 31, 1961i: 232, 1972f: 223; Strohmeyer 1912c: 13, 1914c: 26; Swaine 1909: 85; Wood, S. L. 1958b: 37, 1972b: 249, 1979a: 1.

***quadrifissilis* Schedl** 1936e: 58. Lectotype ♂; Mt. Makiling, Laguna, P.I., 400 Fuss; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 60.
Distribution: Asia (Andaman Islands in India/Malaya), Indonesia (Borneo, Mentawei), Philippine Islands.
Hosts: *Bombax insigne, Pterocymbium cinctorium, Salmalia insignis, Scaphium affine, Shorea leprosula, Sterculia villosa*.
References: (**cn**) 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, 1939e: 336, 1942a: 172, 1961f: 96, 1972f: 227, 1978a: 60.

***quadrinotatus* Schedl** 1975g: 231. Holotype ♂; New Guinea, Wau; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
Notes: (3) Roberts 1989: 281 (described female).
References: (**tx**) Schedl 1975g: 231, 1978a: 60.

***quadriporus* (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: 384. (**tx**) Beeson 1937: 96–97; Schedl 1969c: 66, 1972f: 219, 1978a: 60.

***quadrispinatus* 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: 58; Schonherr & Pedrosa-Macedo 1981: 58; Strohmeyer 1912c: 13, 1914c: 26. (**tx**) Chapuis 1865: 221; Sampson 1928a: 3; Schedl 1934e: 211, 1935i: 44, 1936c: 239, 1937d: 33, 40, 1948f: 283, 1959m: 555, 1960c: 40, 1972f: 219, 1978a: 61; Strohmeyer 1912c: 13, 1914c: 26.

***quadrispinis* Browne** 1980d: 496. Holotype ♂; Manokwari (New Guinea) to Nagoya (Japan), imported; BMNH, London.
Figures: *Ficus* sp.
Distribution: New Guinea.
References: (**ds**) Browne 1984b: 287. (**tx**) Browne 1980d: 496, 1984c: 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 1987: 28; Schedl 1972f: 241. (**tx**) Equihua & Atkinson 1987: 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: 185, 1980b: 185. (**tx**) Schedl 1936g: 518–519, 1958i: 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 1987: 28. (**tx**) Equihua & Atkinson 1987: 28; Wood, S. L. 1972b: 251.

***querci* Browne** 1980c: 488. Holotype ♂; Keelung (Formosa) to Nagoya (Japan), imported; BMNH, London.
Distribution: Asia (Taiwan).
Hosts: *Quercus* sp.
References: (**tx**) Browne 1980c: 488.

***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: 218; 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*, *Lindera 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 1980g; Murayama 1954a: 17. (**ds**) Anonymous 1980g; Murayama 1929a: 678, 1936a: 140, 1937c: 580, 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: *Hevea brasiliensis*.
References: (**ds**) Blackwelder 1947: 790; Blandford 1896c: 103; Equihua & Atkinson 1987: 28; Ferrer 1942; Gemminger & Harold 1872: 2700; Schedl 1972f: 241, 1977e: 44; Strohmeyer 1912c:

9, 1914c: 24. (**tx**) Blandford 1896e: 103; Chapuis 1865: 149; Equihua & Atkinson 1987: 28; Schedl 1940a: 324, 1960c: 22, 1972f: 241; Strohmeyer 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 1987: 28; Schedl 1972f: 241. (**tx**) Equihua & Atkinson 1987: 28; Schedl 1940c: 203, 1972f: 241, 1978a: 61.

***ramosissimus* Roberts & Morimoto** 1986: 176. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Cryptocarya* sp.
References: (**tx**) Roberts & Morimoto 1986: 176.

***ramulosus* Roberts & Morimoto** 1986: 177. Holotype ♂; New Guinea: Papua, Gumi, 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 francaise, 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 1987: 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; Strohmeyer 1912c: 14, 1914c: 26; Swabey 1935: 7; Wolcott 1936: 316, 1948: 385. (**tx**) Chapuis 1865: 227; Equihua & Atkinson 1987: 28; Schedl 1936e: 55, 1937d: 40, 1939j: 565, 1941e: 156, 1948d: 37, 1952a: 444, 1952e: 123, 1952h: 73, 1957a: 194, 1960a: 78, 1960c: 41–42, 1972f: 218; Strohmeyer 1912c: 14, 1914c: 26.

***raucus* 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, 1978a: 62.

***refractus* Roberts & Morimoto** 1986: 178. Holotype ♂; New Guinea: Papua, Gumi, 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 1896e: 98; Equihua & Atkinson 1987: 28; Gemminger & Harold 1872: 2700; Schedl 1933c: 166, 1972f: 241; Strohmeyer 1912c: 9, 1914c: 24. (**tx**) Blandford 1896e: 98; Chapuis 1865: 135; Equihua & Atkinson 1987: 28; Schedl 1934e: 210, 1935e: 176, 1935h: 354, 1936c: 228, 1960c: 19, 1972f: 241; Strohmeyer 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* Strohmeyer** 1910e: 132. Holotype ♂; Nilgiri Hills (India orientalis); H. L. Andrews Collection.
Distribution: Asia (India).
References: (**ds**) Schedl 1972f: 212; Strohmeyer 1912c: 19, 1914c: 29. (**tx**) Schedl 1972f: 212; Strohmeyer 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: *Turraeanthus africana*.
References: (**ec**) Jover 1952: 73–81. (**hb**) Cachan 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; Nunberg 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, Tervuren.
Notes: (3) Schedl 1972f: 223 (treated as a subspecies of *rufescens*).
References: (**ds**) Roberts 1968: 189, 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 & Loyttyniemi 1989. (**tx**) Beaver & Loyttyniemi 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: 78, 1972f: 234. (**tx**) Schedl 1961i: 233, 1972a: 234, 1978a: 56; Wood, S. L. 1992a: 91.

***runcinatus* Roberts** 1986: 52. Holotype ♂; Papua New Guinea: Mt. Giluwe, 2000 m; BMNH, London.
Figures: Roberts 1986: 57.
Distribution: New Guinea.
Hosts: *Nothofagus pullei*, *Vavaea* 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, 1948f: 283, 1960c: 40, 1972f: 219; Strohmeyer 1912c: 13, 1914c: 26.

***salvini* Blandford** 1896e: 103. Syntypes 2 ♂; Guatemala, Cerro Zunil; BMNH, London.
Figures: Blandford 1896e:pl. 4, fig. 14.
Distribution: North America (Guatemala).
References: (**ds**) Blackwelder 1947; Equihua & Atkinson 1987: 28; Schedl 1972f: 241; Strohmeyer 1914c: 24. (**tx**) Blandford 1896e: 103; Equihua & Atkinson 1987: 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 gummiflua, Fagara capensis, Olea laurifolia, Virgilia capensis*.
References: (**cn**) Anonymous 1970c: 12. (**ec**) 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, 1948c: 665, 1957c: 326, 1957d: 120, 1962k: 658–659, 1972f: 216.

***sandakanensis* Browne** 1970: 577. Holotype ♂; Sabah: Sandakan; BMNH, London.
Distribution: Indonesia (Borneo).
References: (**ds**) Browne 1980c: 484, 1981b: 598; Olmo, Yoneyama, & Nakazawa 1987a: 95; Schedl 1972f: 199. (**tx**) Browne 1970: 577–578; Schedl 1972f: 199.

***santacruzensis* 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, 1974e: 52, 1978c: 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.

***sarawakensis* (Schedl)** 1937e: 546 (*Crossotarsus*). Lectotype ♂; Sarawak, foot of Mt. Dulit, junction of rivers Tinjar and Lejok; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 64.
Distribution: Indonesia (Sarawak in Borneo).
References: (**ds**) Schedl 1972f: 224. (**tx**) Schedl 1937e: 544–547, 1972f: 224, 1978a: 64.

***scalaris* Schedl** 1980b: 188. Holotype ♂; Nth [Northern] Queensland, Australia; Schedl Collection in NHMW, Wien.
Distribution: Australia (Queensland).
Hosts: *Flindersia pubescence*.
References: (**tx**) Schedl 1980b: 188.

***scalptor* 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/ Zaire).
Hosts: Schedl 1962k: 638–639 (15 host species listed).
Notes: (3) Schedl 1939g: 169–170 (described female).
References: (**ec**) 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, 1978a: 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: 8 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, Albizzia* spp., *Alphonsea ventricosa, Anthocephalus cadamba, Artocarpus fraxinifolius, Cinnamomum* sp., *Dalbergia assamensis, Diospyros* spp., *Dipterocarpus pilosus, Hymenodictyon excelsum, Lannea grandis, Meliosma simplicifolia, Odina wodier, Ostodes paniculata, Sterculia ornata, Terminalia belerica*.
References: (**cn**) Kleine 1932a: 310, 402; Mathur & Singh 1960b: 61, 1961a: 70, 1961b: 26; Roonwal & Singh 1954: 33, 40. (**ec**) Beeson 1921b: 24. (**hb**) Kleine 1932a: 310, 402. (**ds**) Beaver & Browne 1975: 308; Beeson 1921b: 24, 1941 (1961: 266); Bhasin, Roonwal, & Singh 1958; 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: 384. (**tx**) Browne 1964: 755, 1972b: 29; Sampson 1921: 25; Schedl 1972f: 191.

*eruditus* 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: (**en**) 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; Gemminger & Harold 1872: 2700; Kleine 1932a: 402; Nunberg 1971: 59; Schedl 1966f: 94, 1972f: 234; Strohmeyer 1912c: 13, 1914c: 25; Wille 1943: 315. (**tx**) Chapuis 1865: 166; Equihua & Atkinson 1987: 29; Schedl 1952h: 72, 1960c: 27, 1972f: 234; Strohmeyer 1912c: 13, 1914c: 25.

*poriferus* Chapuis 1865: 168. Syntypes 2 ♂; de Toxpam; BMNH, London (Schedl 1960c: 27). Synonymy: Schedl 1972f: 234.

References: (**ds**) Blackwelder 1947: 790; Blandford 1896e: 106; Ferrer 1942; Schedl 1933c: 172, 1960a: 75, 1970e: 90; Strohmeyer 1912c: 12, 1914c: 25. (**tx**) Blandford 1896e: 106; Chapuis 1865: 168; Keler 1927a: 235; Schedl 1940a: 324–325, 1941e: 156, 1960c: 27, 1972f: 234; Strohmeyer 1912c: 12, 1914c: 25.

*viduus* Chapuis 1865: 178. Holotype ♂; Mexico; Haag Collection or lost (Schedl 1960c: 30). Synonymy: Schedl 1972f: 234.

References: (**ds**) Gemminger & 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: 178.

***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 moluccana*, *Evodia* sp., *Hevea brasiliensis*, *Horsfieldia irya*, *Intsia* sp., *Myristica* sp., *Polyalthia* sp.

References: (**hb**) Gray, B. 1968: 307. (**ds**) Gemminger & Harold 1872: 2700; Gray, B. 1968: 307; Schedl 1962i: 73, 1964c: 305, 1964d, 1968c: 264, 1972f: 224; Smee 1964: 25; Strohmeyer 1912c: 13, 1914c: 25. (**tx**) Chapuis 1865: 215; Gray, B. & Wylie 1974: 81; Schedl 1939b: 398, 1940b: 434–435, 1941e: 154, 1960c: 39, 1964d: 213, 1972f: 224; Strohmeyer 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: 198; Schedl 1972f: 206. (**tx**) Schedl 1942a: 203, 1942c: 194, 1972f: 206, 1978a: 64.

***semiermis* 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.

***semigranosus* (Sampson)** 1925: 2 (*Crossotarsus*). Holotype ♂; Queensland: Malanda; BMNH, London.

Distribution: Australia (Queensland).

Hosts: *Argyrodendron* sp., *Cinnamomum* sp., *Elaeocarpus* sp., *Flindersia pubescens*, *Panax* sp.

Notes: (3) Schedl 1980b: 189 (described female).

References: (**en**) 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* Strohmeyer** 1913: 163. Holotype ♂?; Brit. Neu-Guinea, Aroa-Fluss; Strohmeyer Collection.

Distribution: New Guinea.

Hosts: *Podocarpus* sp.

References: (**ds**) Schedl 1968e: 264, 1968f: 535, 1972f: 185; Strohmeyer 1914c: 29. (**tx**) Schedl 1935e: 174, 1936g: 517, 1939b: 398, 1969b: 231, 1972f: 185; Strohmeyer 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, 1978a: 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.

***sepaloideus* Roberts** 1989: 281. Holotype ♂; Papua New Guinea: Upper Stony Logging Area, Bulolo, 1200 m; NHMW, Wien.
Figures: Roberts 1989: 286.
Distribution: New Guinea.
Hosts: *Castanopsis* sp.
References: (**tx**) Roberts 1989: 281, 286.

***sequius* Schedl** 1935i: 44. Syntypes ♂; Guadeloupe, env. de Trois-Rivieres; MNHN, Paris, and Schedl Collection in NHMW, Wien.
Distribution: Antilles Islands (Guadeloupe).
Notes: (1) Schedl 1978a: 65 (type restricted to MNHN, Paris specimens).
References: (**ds**) Blackwelder 1947: 790; Schedl 1972f: 219. (**tx**) Schedl 1935i: 44, 1972f: 219, 1978a: 65.

***sericans* Schedl** 1942a: 211. Lectotype ♀; Malaya, Perak, Trolak F.R.; Schedl Collection, designated by Schedl 1978a: 65.
Distribution: Asia (Malaya).
Hosts: *Vatica* sp.
References: (**ds**) Browne 1961c: 200; Schedl 1972f: 242. (**tx**) Schedl 1942a: 210–211, 1972f: 242, 1978a: 65.

***setaceus* Chapuis** 1865: 234. Syntypes 2 ♂; des iles 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; Ohno, Yoneyama, & Nakazawa 1987b: 90; Schedl 1966b: 98, 1972f: 191; Strohmeyer 1912c: 16, 1914c: 27. (**tx**) Chapuis 1865: 234; Nobuchi 1985: 329; Schedl 1933e: 105, 1935k: 484–486, 1942a: 212, 1960c: 43, 1972f: 191, 1978a: 66; Strohmeyer 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. lanuginosa, 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. (**ec**) Bamo, 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; Strohmeyer 1912c: 16, 1914c: 27. (**tx**) Blandford 1896e: 136; Korolev 1989; Murayama 1925a: 212, 1925b: 235, 1928a: 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; Strohmeyer 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; Strohmeyer 1912c: 9, 1914c: 24. (**tx**) Chapuis 1865: 126; Schedl 1936c: 225, 1960c: 16, 1972f: 241; Strohmeyer 1912c: 9, 1914c: 24.

***sexporus* (Schedl)** 1935k: 484 (*Crossotarsus*). Holotype ♀; Philippinen; 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 *Platypus*).
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, 1978a: 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 Provences: Chakrata division, Mandali, 6000 feet; FRI, Dehra Dun.
Distribution: Asia (Uttar Pradesh in India).
Hosts: *Quercus dilatata*.
Notes: (1) Schedl 1972f: 217 (to *Platypus*).
References: (**ds**) Beeson 1941 (1961: 266); Schedl 1972f: 217. (**tx**) Beeson 1937: 95–96; Schedl 1939c: 4, 1972f: 217.

***seydeli* (Nunberg)** 1967: 326 (*Stenoplatypus*). Holotype ♂; Elisabethville [Congo]; MRCB, Tervuren.
Figures: Nunberg 1967b: 339.
Distribution: Africa (Zaire).
References: (**tx**) Nunberg 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 1987a: 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, Mawagankanda, 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.

*bifurcus 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. (**ec**) Nakashima 1975: 6–8. (**ds**) Beeson 1941 (1961: 265); Browne 1961a: 314, 1966: 237; Nakashima 1975: 3; Nobuchi 1977: 117; Ohno, Yoneyama, & Nakazawa 1982b: 10; Schedl 1936d: 7, 1959c: 168, 1964i: 249, 1966g: 34, 1972a: 145, 1972f: 224. (**tx**) Nobuchi 1985: 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 1983a: 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 anibaefolia*.
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, Ctenolaphon grandifolius, Endospermum malaccense, Gonystylus bancanus, Hevea brasiliensis, Kickxia arborea, Koompassia malaccensis, Lucuma malaccensis, Pometia tomentosa, Pouteria malaccensis, Psychotia viridiflora, Schima noronhae, Sterculia macrophylla, S. urceolata, 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; Yunus & Hua 1980: 217. (**hb**) Browne 1935a, 1941, 1961c: 196; Kalshoven 1960c: 34, 1960d: 34; Kleine 1932a: 310, 402; Mercer 1982: 210. (**ds**) Beeson 1941 (1961: 266); Browne 1935a, 1961c: 196, 1980c: 484; Gemminger & Harold 1872: 2700; Kalshoven 1924b: 358, 1960d: 34; Kleine 1932a: 310, 402; Mathur & Singh 1961a: 70, 1961b: 96; Mercer 1982: 210; Nobuchi 1977: 119; Roonwal 1954: 89; Sampson 1928b: 392; Schedl 1965g: 24, 1969a: 206, 1971f: 151, 1972f: 194; Strohmeyer 1912c: 16, 1914c: 27; Yunus & Hua 1980: 217. (**tx**) Chapuis 1865: 235; Sampson 1913: 448, 1919: 106, 1928b: 392; Schedl 1937e: 544, 1939b: 398, 1939e: 337, 362–363, 1941c: 354, 1942a: 208, 1960c: 44, 1972f: 194, 1978a: 66; Strohmeyer 1912c: 16, 1914c: 27.

***similis* (Nunberg)** 1973: 26 (*Stenoplatypus*). Holotype ♂; Massif Ruwenzori, Zalonge, 2100 m, Riv. Nyamwamba, affl. Butahu; MRCB, Tervuren.
Distribution: Africa (Zaire).
References: (**tx**) Nunberg 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 1987: 29; Schedl 1972f: 206. (**tx**) Equihua & Atkinson 1987: 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: *Alnus* sp., *Liquidambar orientalis*.
References: (**ds**) Schedl 1961b: 185, 1972f: 191. (**tx**) Schedl 1941d: 413, 1961b: 186–187, 1972f: 191, 1978a: 66.

***sindorae* 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, Kuatun, 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 Varinas [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; Strohmeyer 1912c: 13, 1914c: 25. (**tx**) Chapuis 1865: 198; Schedl 1960c: 34, 1972f: 234; Strohmeyer 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.

***solicitatulus* 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, Malacca, Sumatra), Micronesia (Caroline Islands, Mariana Islands), New Guinea, Philippine Islands, Solomon Islands.
Hosts: *Acacia catechii*, *Acacia decurrens*, *Acrocarpus fraxinifolia*, *Adina* spp., *Afzelia 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 siligua*, *Chloroxylon swietenia*, *Cinnamomum* spp., *Cocos nucifera*, *Cullenia excelsa*, *Dalbergia latifolia*, *D. sissoo*, *Dipterocarpus pilosus*, *Dolichandrone stipulata*, *Drimycarpus racemosus*, *Dryobalanops oblongifolia*, *Duabanga sonneratioides*, *Elateriospermum tapos*, *Eugenia* sp., *Ficus* spp., *Garuga pinnata*, *Gmelina arborea*, *Hevea brasiliensis*, *Holoptelea integrifolia*, *Lannea 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*, *Sterculia campanulata*, *S. villosa*, *Stereospermum chelenoides*, *Styrax benzoin*, *Swintonia 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 1938b: 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; Leefmans 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; Tarumingkeng & Tantra 1971; Tryon 1917: 49–63; Wylie & Shanahan 1975. (**ec**) Beeson 1921b: 24, 1923; Bhatia 1950; Browne 1958b; 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, 1958b, 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 1958; 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; Nunberg 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, 1968e: 264, 1971a: 278, 1971c: 368, 1971f: 151, 1972a: 145, 1973b: 212, 1974c: 262, 1975a: 453, 1975e: 453, 1978e: 37; Strohmeyer 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, 128, 147, 1954a: 145, 1955b: 282–283, 310, 1959a: 513, 1960c: 50, 1969b: 233; Stebbing 1914: 624; Strohmeyer 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; Nunberg 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; Strohmeyer 1912c: 19, 1914c: 28. (**tx**) Motschulsky 1863: 510; Schedl 1972f: 242; Strohmeyer 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: Strohmeyer 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; Strohmeyer 1912c: 17. (**tx**) Beeson 1921: 24; Chapuis 1865: 265; Murayama 1930: 28; Sampson 1919: 106; Schedl 1959a: 513, 1960c: 50, 1972f: 199; Strohmeyer 1912c: 17, 1912d: 42; Wood, S. L. 1960a: 8.

*solidus exilis* Chapuis 1865: 268. Syntypes, sex?; Iles Celebes et specialement 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 1933e: 105, 1972f: 199.

*solidus obtusus* Chapuis 1865: 268. 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?; Iles 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** 1984b: 291. Holotype ♂; Ringi Cove (Solomon Islands) to Nagoya (Japan), imported; BMNH, London.
Distribution: Solomon Islands.
Hosts: *Neonauclea* sp.
References: (**ds**) Olmo, Yoshioka, et al. 1988b: 97–98, 1989: 67. (**tx**) Browne 1984b: 291.

***solutus* Schedl** 1933f: 193. Lectotype ♂; Haut-Uele: Moto, Avakubi, Equateur: Boende, Haut-Uele: Abimva, Koteli, Sankuru, Kindu, Likimi, Ituri: Mahagi, Avakubi; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 67.
Figures: Schedl 1962k: 600.
Distribution: Africa (Angola/ Cameroon/ Congo/ Equatorial Guinea/ Kenya/ Malawi/ Mozambique/ Nigeria/ Sierra Leone/ Somalia/ South Africa/ Tanzania/ Zaire/ 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. (**ec**) 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, 1938d: 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 Africes; 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 1938g: 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; Olmo, 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/ Ruanda/ Sierra Leone/ South Africa/ Tanzania/ Uganda/ Zaire/ Zimbabwe).
Hosts: Schedl 1962k: 646–647 listed 21 host species.
References: (**ay**) Strohmeyer 1918: 42. (**ec**) 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; Nunberg 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**) Nunberg 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 ♂; Tenasserim; 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.

***strenuus* 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; Strohmeyer 1912c: 17, 1914c: 27. (**tx**) Chapuis 1865: 270; Schedl 1960c: 51; Strohmeyer 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, 158, 1972f: 195, 1978a: 69.

***suavifer* 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, 1958c: 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: *Albizzia 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. Usau (West Irian) to Nagoya (Japan), imported; BMNH, London.
Distribution: New Guinea.
Hosts: Watergum 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, Luzone, 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, 1939b: 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.

*latelunatus* Beeson 1937: 66 (*Crossotarsus*).

Holotype ♂; Assam: Sibsagar division, Central Range, Nakachari; FRI, Dehra Dun. Synonymy: Schedl 1972f: 202.
References: (**cn**) Sen-Sarma & Thakur 1986: 37. (**ds**) Beeson 1941 (1961: 254); Browne 1961a: 314. (**tx**) Beeson 1937: 66–67; Browne 1962e: 654; Schedl 1972f: 202.

***subgranosus* Schedl** 1936g: 516. Lectotype ♂; Tasmania: Waratah and Queensland: Dividing Range V.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 70.
Figures: Britton 1970: 621, Neumann & Harris 1974: 134
Distribution: Australia (Queensland, Tasmania).
Hosts: *Brachychiton acerifolium*, *B. populneum*, *Eucalyptus maculata*, *Nothofagus cunninghamii*, *Pterocymbium beccarii*, *Scolopia brownii*.
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. (**ec**) 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** 1985a: 194. Holotype ♂; Lawas (Sarawak) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
References: (**tx**) Browne 1985a: 194.

***subitarius* Schedl** 1936c: 241. Holotype ♂; Brazil, Rio de Janeiro; Schedl Collection in NHMW, Wien.
Figures: Reichardt 1964b: 87.
Distribution: North America (Costa Rica), South America (Argentina/ Brazil).
References: (**ds**) Blackwelder 1947: 790; Equihua & Atkinson 1987: 29; Nunberg 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, 1978a: 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, 1978a: 53.

***subnitens* Browne** 1983: 571. Holotype ♂; Lever Harbour (Solomon Islands) to Nagoya (Japan), imported; BMNH, London.
Distribution: Solomon Islands.
References: (**ds**) Ohno, Yoshioka, et al. 1988b: 98. (**tx**) Browne 1983a: 571.

***suboblitaratus* Schedl** 1940c: 204. Syntypes ♂; Costa Rica, Turrialba, 800 m and San Jose, 1000–1200 m; Nevermann Collection and Schedl Collection in NHMW, Wien.
Distribution: North America (Costa Rica).
Notes: (1) Schedl 1978a: 71 (citation of holotype invalid).
References: (**ds**) Equihua & Atkinson 1987: 29; Schedl 1972f: 241. (**tx**) Equihua & Atkinson 1987: 29; Schedl 1940c: 204, 1972f: 241, 1978a: 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, 1978a: 71.

***subpraeteritus* Schedl** 1975g: 231. Holotype ♂; Papua, Porotop, Luth. Miss. Sawmill; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**tx**) Schedl 1975g: 231, 1978a: 71.

***subpronus* Schedl** 1969b: 233. Holotype ♂; New Guinea: Watut Valley 1200 m, Morobe District; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Aglaia* sp.
Notes: (3) Schedl 1975f: 396 (described female).
References: (**ds**) Schedl 1972f: 201. (**tx**) Schedl 1969b: 233–234, 1972f: 201, 1975f: 396, 1978a: 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, 1978a: 71.

***subsimilis* Schedl** 1936e: 54. Lectotype ♂; Mentawei, Si-Matobe and Sumatra: Siboga; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 71.
Distribution: Asia (Malaya), Indonesia (Mentawei, 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, 1978a: 71.

***substriatus* (Schedl)** 1936j: 33 (*Crossotarsus*). Lectotype ♂; Malay Peninsula, Pahang: Cameron Highlands, 4500–4800 feet; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 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: 58. (**tx**) Chapuis 1865: 140; Schedl 1933c: 167, 1935e: 176, 1936c: 226, 1952a: 444, 1960c: 20, 1972f: 241; Strohmeyer 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*, *Samanea saman*, *Vateria indica*.
References: (**cn**) Corbett 1935: 43–56; Kleine 1932a: 310, 402; Mathur & Singh 1960b: 61, 1961a: 17, 1961b: 69; Roonwal 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; Roonwal 1954: 36; Sampson 1919: 107, 1928b: 392; Schedl 1962f: 168, 1972f: 193; Strohmeyer 1914c: 27. (**tx**) Sampson 1913: 447–448, 1919: 107, 1928b: 392; Schedl 1939e: 336–360, 1941c: 354, 1942a: 209, 1972f: 193; Stebbing 1914: 621; Strohmeyer 1914c: 27.

***sulcaticeps*** **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 accuminatissima*, *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.

***taiheizanensis*** **(Murayama)** 1932: 485 (*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: 580; Nobuchi 1967: 25; Schedl 1972f: 220. (**tx**) Murayama 1932: 485–486; 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: 485. 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 1978a: 72 (citation of holotype invalid).
References: (**ds**) Schedl 1966b: 101, 1972f: 191. (**tx**) Nobuchi 1985: 329; Schedl 1935k: 484–486, 1942c: 198, 1972f: 191, 1978a: 72.

***tenuis* 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.

***tenuisculptus* 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 1978a: 73 (citation of holotype invalid).
References: (**hb**) Kalshoven 1960c: 39. (**ds**) Kalshoven 1960d: 39; Schedl 1972f: 211. (**tx**) Schedl 1941b: 416–426, 1972f: 211, 1978a: 73.

***tepidus* Schedl** 1942a: 210. Lectotype ♀; Lower Burma: Bhamo, Birmania and Tenasserim, Thagata; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 73.
Distribution: Asia (Burma).
References: (**ds**) Schedl 1972f: 242. (**tx**) Browne 1972b: 29; Schedl 1942a: 210, 1972f: 242, 1978a: 73.

***terebrans* Schedl** 1970b: 368. 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: 368–369, 1972f: 194, 1978a: 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, 1972f: 196, 1978a: 73.

***ternus* Roberts** 1986: 48. Holotype ♂; New Guinea: Papua, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Xanthophyllum papuanum*.
References: (**tx**) Roberts 1986: 48.

***tetracerus* Beeson** 1929: 219. Holotype ♂; Samoa: Upolu, Malololelei, 2000 ft.; BMNH, London.
Distribution: Samoan Islands.
Hosts: *Plauchonella samoensis*.
References: (**ds**) Beaver 1976b: 545; Beeson 1938b: 296; Schedl 1972f: 211. (**tx**) Beeson 1929: 219–220; Schedl 1941b: 416, 1951k: 141, 155, 1972f: 211, 1978a: 73.

***tiriosensis* Reichardt** 1965a: 53. Holotype ♂; Brasil, Estado do Para, Tirios (Alto rio Paru d'Oeste); Dep. Zool., Sec. Agric., Sao Paulo.
Distribution: South America (Brazil/ Cayenne/ Guyana/ Suriname).
Hosts: *Catostemma* sp., *Eperua falcata*, *Eschweilera sagotianum*.
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, 1978a: 64; Wood, S. L. 1966a: 51–52, 1992a: 91.

***torulosus* Roberts & Morimoto** 1986: 179. Holotype ♂; New Guinea: Papua, Bulolo; BMHN, London.
Distribution: New Guinea.
References: (**tx**) Roberts & Morimoto 1986: 179.

***tragus* Schedl** 1939k: 718. 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: 718, 1972f: 234, 1978a: 74.

***transformis* Schedl** 1936d: 16. Lectotype ♂; Malay Peninsula, Selangor: Kerling Res., Pahang: Temerloh; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 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 Dun.
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 1939e: 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** 1984c: 454. Holotype ♂; Lever Harbour (Solomon Islands) to Nagoya (Japan), imported; BMNH, London.
Distribution: Solomon Islands.
Hosts: *Xanthophyllum* sp.
References: (**ds**) Ohno, Yoshioka, et al. 1988b: 98. (**tx**) Browne 1984c: 454.

***tricuspidatus*** **Schedl** 1954b: 48. Syntypes ♂; Brasilien; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**tx**) Schedl 1954b: 48, 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.

***trispinatulus*** **Schedl** 1970f: 584. Holotype ♂; Guyane francaise, Foret 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: 87, 1972f: 234, 1979e: 58; Spahr 1981: 80. (**tx**) Schedl 1951h: 287, 1952a: 462, 1972f: 234, 1978a: 75.

***trispinosus*** **Chapuis** 1865: 184. Holotype ♂; de Rio Janeiro, Bresil; 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: 87, 1966f: 94, 1972: 234, 1979e: 59; Strohmeyer 1912c: 13, 1914c: 25. (**tx**) Chapuis 1865: 184; Schedl 1936i: 101, 1951h: 287, 1960c: 31, 1972f: 234, 1978a: 75; Strohmeyer 1912c: 13, 1914c: 25.
*quadricuspidatus* Schedl 1948f: 283. Syntypes ♂♀; Brasil, Nova Teutonia; Plaumann Collection and Schedl Collection in NHMW, Wien.
Synonymy: Schedl 1972f: 234.
Notes: (1) Schedl 1978a: 60 (citation of holotype invalid).
References: (**tx**) de Ruette 1970: 68; Schedl 1948f: 283, 1972f: 234, 1978a: 60.

***tristis*** **Roberts** 1986: 49. Holotype ♂; New Guinea: Papua, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Protium* sp.
References: (**tx**) Roberts 1986: 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 Oerberfaren; 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 1989: 285.

References: (**ds**) Schedl 1972f: 217. (**tx**) Schedl 1972f: 217, 1972i: 56, 1978a: 26.

*multifoveolatus* Schedl 1975f: 389. 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: 389.

***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 ♂; Tatau (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, Mauritus Island.
References: (**cn**) Montia 1932: 9–12. (**ds**) Alluaud 1900: 441; Gemminger & Harold 1872: 2700; Schedl 1972f: 234; Strohmeyer 1912c: 17, 1914c: 27. (**tx**) Chapuis 1865: 269; Lucas 1920: 522; Schedl 1939b: 399, 1960c: 51, 1972f: 234; Strohmeyer 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; Strohmeyer 1912c: 9, 1914c: 24. (**tx**) Chapuis 1865: 131; Mayne & Donis 1962: 289; Schedl 1933c: 167, 1935e: 176, 1936c: 226, 1960c: 17, 1972f: 241, 1978a: 76; Strohmeyer 1912c: 9, 1914c: 24.

***tuberculosus* Strohmeyer** 1910e: 128. Holotype ♂; Tasmania; Strohmeyer Collection.
Distribution: Australia (Tasmania).
References: (**ds**) Schedl 1972f: 199; Strohmeyer 1912c: 19, 1914c: 29. (**tx**) Schedl 1936c: 226, 1972f: 199; Strohmeyer 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, 1978a: 76.

***turcicus* 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, 1978a: 76.

***turriformis* 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 Zunil; BMNH, London.
Distribution: North America (Guatemala).
References: (**ds**) Blackwelder 1947: 791; Equihua & Atkinson 1987: 30; Schedl 1972f: 241; Strohmeyer 1912c: 9, 1914c: 24. (**tx**) Blandford 1896e: 97–98; Equihua & Atkinson 1987: 30; Schedl 1972f: 241; Strohmeyer 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: *Albizzia* 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. (**ec**) 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. (**ec**) 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; Strohmeyer 1914c: 28. (**tx**) Mathur & Singh 1961b: 41; Sampson 1913: 448–449; Schedl 1941b: 416, 1972f: 211; Stebbing 1914: 623; Strohmeyer 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, Toxpam; 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 1896e: 110; Bright 1972d: 16; Equihua & Atkinson 1987: 30; Gemminger & Harold 1872: 2700; Nunberg 1958a: 482, 1972b: 190; Schedl 1966f: 94, 1967d: 5, 1972f: 218, 1972g: 38, 1976a: 59; Strohmeyer 1912c: 14, 1914c: 26; Sturm 1843: 231. (**tx**) Blandford 1896e: 110; Bright 1972d: 16, 19; Chapuis 1865: 224; Equihua & Atkinson 1987: 30; Nunberg 1958a: 482; Schedl 1939b: 399, 1952c: 123, 1960c: 41, 1972f: 218; Strohmeyer 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; Strohmeyer 1912c: 14, 1914c: 26. (**tx**) Chapuis 1865: 226; Schedl 1937d: 33, 40, 1952a: 463, 1960c: 42, 1972f: 219; Strohmeyer 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; Nunberg 1958a: 481; Strohmeyer 1912c: 14, 1914c: 26. (**tx**) Chapuis 1865: 228; Nunberg 1958a: 481–482; Schedl 1936c: 242, 1960c: 41–42, 1972f: 218; Strohmeyer 1912c: 14, 1914c: 26.

***ustus* Schedl** 1968e: 268. Holotype ♂; Okapa (Okasa), E. Highlands District; CSIRO, Canberra.

Distribution: New Guinea.

Hosts: *Heritiera trifolia*, *Pterocymbium beccarrii*.

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.

***utibilis* (Schedl)** 1939e: 360 (*Crossotarsus*). Lectotype ♂; Malaya, Perak: Trolak For. Res. and Pahang: Kemasul 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 1989: 284, 286.

***vafer* Schedl** 1972g: 81. Holotype ♂; Brasilien, Utinga bei Belem, Para; Schedl Collection in NHMW, Wien.
Distribution: South America (Brazil).
References: (**ds**) Schedl 1976a: 59. (**tx**) Schedl 1972g: 81, 1978a: 78.

***vaginerris* Roberts** 1986: 51. Holotype ♂; New Guinea: Papua, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Xanthophyllum papuanum*.
References: (**tx**) Roberts 1986: 51.

***vagus* Browne** 1983a: 568. Holotype ♂; Bintulu (Sarawak) to Nagoya (Japan), imported; BMNH, London.
Distribution: Indonesia (Sarawak in Borneo).
Hosts: Pernarahan log.
References: (**tx**) Browne 1983a: 568.

***valdephlebius* Roberts** 1979: 96. Holotype ♂; Papua New Guinea: 12 km south-west of Onim Hut, Mount Gihuwe, 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: Taum logging area, Bulolo, Morobe District; CSIRO, Canberra.
Distribution: New Guinea.
References: (**tx**) Schedl 1973e: 97, 1978a: 78.

***varipennis* Schedl** 1968e: 269. Holotype ♂; Afafiningetu, E. Highlands District; CSIRO, Canberra.
Distribution: New Guinea.
Hosts: *Araucaria cunninghamii*.
References: (**tx**) Schedl 1968e: 269, 1972f: 201, 1978a: 78.

***vegestus* Wood** 1966a: 63. Holotype ♂; Pan-American Highway 15 miles NW Cerro de la Muerte, San Jose Prov., Costa Rica, 7800 feet; Wood Collection.
Figures: Schedl 1972f: 213, Wood 1966a: 67.
Distribution: North America (Costa Rica).
Hosts: *Brunellia costaricensis*.
References: (**ds**) Equihua & Atkinson 1987: 30; Schedl 1972f: 214. (**tx**) Equihua & Atkinson 1987: 30; Schedl 1972f: 213–214; Wood, S. L. 1966a: 63, 67.

***vereluatus* (Beeson)** 1937: 65 (*Crossotarsus*). Holotype ♂; Middle Andaman; FRI, Dehra Dun.
Distribution: Asia (Andaman Islands in India/Vietnam).
Hosts: *Artocarpus chaplasha, Bassia butyracea, Pterocarpus dalbergioides, Sterculia* spp., *Terminalia manii*.
References: (**cn**) Mathur & Singh 1961a: 69, 1961b: 32; Roonwal 1954: 85. (**ds**) Beeson 1941 (1961: 257); Mathur & Singh 1961a: 69, 1961b: 32; Roonwal 1954: 85; Schedl 1972f: 202, 1974c: 262. (**tx**) Beeson 1937: 65–66; Schedl 1939e: 360, 1972f: 202, 1978b: 80.

***vernaculus* 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, 1978a: 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, 1978a: 80.

***vethi* Strohmeyer** 1913: 161. Syntypes ♂♀; Preanger (Java); Strohmeyer 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; Strohmeyer 1914c: 27. (**tx**) Browne 1961c: 196, 1968b: 572; Kalshoven 1960d: 63; Schedl 1972f: 193; Strohmeyer 1913: 161–162, 1914c: 27.

*suffodiens malayensis* Schedl 1936: 34. Holotype ♂; Malaya (Bukit Cherakash Forest Reserve and Pahang, Memasul Forest Reserve; not given, but added as NHMW, Wien, in Schedl 1978a: 71. Synonymy: Kalshoven 1960: 63.
References: (**bv**) Bletchly 1961: 15. (**cn**) Browne & Foenander 1937: 240–254. (**ec**) 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, 1978a: 71.

*spretus* Schedl 1939e: 360. Holotype ♂; Malaya (Bukit Cherakash 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, Khang; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 80.
Distribution: Asia (Malaya), Indonesia (Borneo, Mentawei, 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.

***vexans* 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.

***ricinus* 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 1987: 30; Ferrer 1942; Schedl 1972f: 206; Strohmeyer 1912c: 10, 1914c: 24. (**tx**) Blandford 1896e: 104; Equihua & Atkinson 1987: 30; Schedl 1940a: 324, 1972f: 206; Strohmeyer 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, Dysoxylon* sp., *Endospermum macrophyllum, Garcinia myrtifolia, Gonystylus punctatus, Maniltoa* sp., *Myristica castaneifolia, Palaquium hornei, Parinari insularum.*
References: (**ec**) Roberts 1977b: 571. (**hb**) Roberts 1977b: 571. (**ds**) Roberts 1977b: 571. (**tx**) Roberts 1977b: 571.

***volaticus* Schedl** 1936j: 35. Lectotype ♂; Malay Peninsula, Pahang: Tranum, Tersang Forest Reserve, and Perak: Chenderoh; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 29.
Distribution: Asia (Malaya), Bougainville, Indonesia (Java), New Britain, New Guinea, New Ireland.
Hosts: *Diospyros* sp., *Dysoxylum* sp., *Micromeles* sp.
Notes: (1) Schedl 1941c: 365 (raised to species rank from subspecies of *excedens*). (3) Schedl 1941c: 365 (described female).
References: (**hb**) Browne 1961c: 213; Kalshoven 1960d: 41. (**ds**) Browne 1961c: 213; Kalshoven 1960d: 41; Schedl 1936j: 35, 1968f: 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: 228. (**tx**) Roberts 1965: 219; Schedl 1972f: 228.

***watutensis* Roberts** 1986: 53. Holotype ♂; New Guinea: Papua, Bulolo; BMNH, London.
Distribution: New Guinea.
Hosts: *Xanthophyllum papuanum.*
References: (**tx**) Roberts 1986: 53.

***webberi* 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, 1958b: 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, Mentawei, Sumatra), Si-Oban Island.
Hosts: *Afzelia bakeri, A. palembanica, Artocarpus lakoocha, Calophyllum* sp., *Cratoxylon arborescens, Dyera costulata, Endospermum malaccense, Eugenia* sp., *Ficus* sp., *Gonostylus 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. (**cc**) Browne 1958b. (**hb**) Browne 1935a, 1941, 1958b, 1961c: 194; Kalshoven 1960c: 34; Mercer 1982: 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 1982: 210; Ohno, Yoneyama, & Nakazawa 1982b: 11; Sampson 1919: 106,

1928b: 392; Schedl 1936d: 7, 1936j: 22, 1959c: 168, 1971f: 151, 1972f: 192; Strohmeyer 1912c: 16, 1914c: 27; Yunus & Hua 1980: 217. (**tx**) Chapuis 1865: 236; Sampson 1913: 448, 1919: 106, 1928b: 392; Schedl 1936d: 14–15, 1937e: 544, 1939e: 336, 1941c: 354, 1972f: 192, 1978a: 81; Strohmeyer 1912c: 16, 1914c: 27.

***wilsoni* Swaine** 1916a: 98. Holotype ♀; Campbell River, British Colombia [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 & Funk 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 1938: 192; Johnson 1958a: 508, 1958b: 236–240; Keen 1936: 145; Kowal 1949a: 12–13; Mathers 1935: 14; McMullan 1956: 34; Nijholt 1978a; 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. (**ec**) Chamberlin 1918a: 35, 1939: 112; Farris 1969: 529; Farris & Funk 1965: 929–932; Furniss, R. L. & Carolin 1977: 338; Graham 1939b; Keen 1938: 145; Roeper & 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 1938: 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: *Xylopia* 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, 1978a: 81.

***xylographus* Schedl** 1969a: 216. Holotype ♂; Formosa, Kaohsiug to Tokyo (Japan), imported; PPST, Tokyo.
Distribution: Asia (Taiwan).
Hosts: *Picea* sp., *Pinus* sp.
References: (**ds**) Nobuchi 1977: 128; Schedl 1972f: 199. (**tx**) Schedl 1969a: 216, 1972f: 199, 1978a: 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 1962e: 653 (treated as a synonym of *Platypus*).
References: (**tx**) Browne 1962e: 653; Schedl 1939b: 401, 1968e: 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* (Strohmeyer)** 1907g: 29 (*Crossotarsus*). Holotype ♀; Sumatra (Regentschaft Palembang); Strohmeyer Collection.
Distribution: Indonesia (Sumatra).
Notes: (1) Schedl 1972f: 245 (to *Treptoplatypus*).
References: (**ds**) Schedl 1972f: 245; Strohmeyer 1912c: 5, 1914c: 35. (**tx**) Schedl 1972f: 245; Strohmeyer 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 1978a: 46 (type restricted to CSIRO specimens).

References: (**ds**) Schedl 1972f: 245. (**tx**) Schedl 1968e: 270, 1972f: 245, 1978a: 45.

*fastuosus* Schedl 1969b: 226 (*Platypus*). 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 (*Platypus*). 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**) Yunus & Hua 1980: 217. (**hb**) Mercer 1982: 210. (**ds**) Browne 1949b: 892–912, 1961c: 209, 1962c: 202; Mercer 1982: 210; Schedl 1972f: 245; Yunus & Hua 1980: 217. (**tx**) Schedl 1935n: 634, 1939b: 401, 1972f: 245, 1978a: 70.

***taxicornis* (Schedl)** 1968f: 537 (*Platypus*). Holotype ♂; New Guinea (NW), Wau, Morobe District, 1050 m; BPBM, Honolulu.
Distribution: New Guinea.
Notes: (1) Schedl 1972f: 245 (to *Treptoplatypus*).
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., *Gonystylus 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; Strohmeyer 1912c: 5, 1914c: 35; Supriana et al. 1978. (**tx**) Browne 1949b: 911, 1962e: 653; Chapuis 1865: 75–76; Sampson 1928b; Schedl 1935n: 633–634, 1939b: 390, 401, 1939e: 335, 1960c: 9, 1972f: 243, 245; Strohmeyer 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; Strohmeyer 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: 328–338, 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: 328–338, 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, 1962e: 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; Niisima 1909: 170; Nobuchi 1973b: 3; Nunberg 1953: 46; Sampson 1923: 449; Schedl 1934f: 1647, 1935n: 633, 1936e: 43, 1937d: 33, 1939b: 401, 1959a: 515, 1960c: 5, 1972f: 96–112, 1977b: 234; Stebbing 1907: 19, 1914: 613–619; Strohmeyer 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 1939e: 334, 1972f: 110.

***andamanus* Beeson** 1937: 82. Syntypes ♂♀; Andamans: North Andaman; FRI, Dehra Dun.
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.

***armipennis* 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. (**ec**) Smith, J. H. 1935: 3. (**hb**) Froggatt 1927. (**ds**) Sampson 1925: 2; Schedl 1936g: 513, 1972a: 110; Smith, J. H. 1935: 3; Strohmeyer 1912c: 5, 1914c: 35. (**tx**) Beeson 1937: 72; Browne 1962e: 644; Lea 1910: 134; Sampson 1925: 2; Schedl 1939b: 400, 1939p: 288, 1942c: 165, 1972f: 110; Strohmeyer 1912c: 5, 1914f: 7–8, 1914c: 35.

***aruensis* Beeson** 1937: 54. Holotype ♀; Aru Is.: Wokan; FRI, Dehra Dun.
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 1989: 88.

***barbatus* Chapuis** 1865: 66. Syntypes ♂♀; Molucques, Ceram, Bouru; 1 ♂, 1 ♀ in BMNH, London, 1 ♀ in IRSNB, Brussels (Schedl 1960c: 8).
Distribution: Indonesia (Borneo, Buru, Ceram, Moluccas), New Guinea.
Hosts: *Theobroma cacao*.
References: (**ay**) Strohmeyer 1918: 15. (**ec**) Roberts 1980. (**ds**) Browne 1980c: 482, 1981a: 126; Gemminger & Harold 1872: 2696; Ohno, Yoshioka, et al. 1988b: 97; Sampson 1928b: 390; Schedl 1936g: 513; Strohmeyer 1912c: 4, 1914c: 33. (**tx**) Beeson 1937: 56; Chapuis 1865: 66; Sampson 1928b: 390; Schedl 1936d: 12, 1936e: 43, 1937d: 34, 1939b: 402, 1940b: 434–435, 1955b: 282, 1960c: 8, 1972f: 103; Sharp & Muir 1912: 572; Strohmeyer 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, Munchen.
Distribution: New Guinea, New Ireland.
Hosts: *Theobroma cacao*.
Notes: (3) Schedl 1970: 221 (described female).
References: (**cn**) Roberts 1987; Wylie & Shanahan 1975. (**hb**) Roberts 1987; Wylie & Shanahan 1975. (**ds**) Schedl 1962i: 73, 76, 1964d: 212, 1968e: 264, 1969e: 156, 1972f: 101. (**tx**) Schedl 1962i: 76, 1969b: 221, 1972f: 101, 1978a: 14.

***bonvouloiri* 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: *Buka limlia*, *Citrus* sp., *Cryptocarya wrightiana*, *Dysoxylum binectariferum*, *Engelhardtia spicata*, *Mesua ferrea*, *Sapium eugeniaefolium*, *Shorea robusta*, *Terminalia bellerica*, *Vatica lanceaefolia*, *Xylia xylocarpa*.
References: (**bv**) Beeson 1917. (**cn**) Beeson 1916: 1–5; Kleine 1932a: 310, 401; Mathur & Singh 1960a: 35, 1961a: 23, 1961b: 25; Roonwal 1954: 65; Sen-Sarma & Thakur 1986: 37. (**ec**) 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; Bhasin, Roonwal, & Singh 1958; Browne 1961c: 55, 1980c: 484; Gemminger & Harold 1872: 2696; Kleine 1932a: 310, 401; Lacordaire 1866: 389; Mathur & Singh 1960a: 35, 1961a: 23, 1961b: 25; Roonwal 1954: 65; Schedl 1969c: 55, 1972f: 101; Strohmeyer 1911f: 203, 1912c: 4, 1914c: 33. (**tx**) Beeson 1937: 50–53; Chapuis 1865: 55; Lacordaire 1866: 389; Schedl 1937d: 33, 1960c: 6, 1972f: 101; Strohmeyer 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 Tunggal For. Res.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 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: (**ec**) Browne 1958b. (**hb**) Beaver & Browne 1978: 615; Browne 1938a, 1941, 1958b, 1961c: 224; Yunus & Hua 1980: 216. (**ds**) Beaver & Browne 1978: 615; Beeson 1961: 253; Browne 1938a, 1949b, 1961a: 316, 1961c: 224; Schedl 1972f: 103. (**tx**) Browne 1949b, 1955: 365; Schedl 1936d: 12–13, 1942a: 199, 1950g: 894, 1972f: 103, 1978a: 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: 81. Holotype ♂; Papua New Guinea: 12 km south-west of Onim Hut, Mount Gihuwe, 2900m; BMNH, London.
Distribution: New Guinea.
Hosts: *Quintinia* sp.
References: (**tx**) Roberts 1979: 81.

***chalcographus* Schedl** 1972h: 64. Holotype ♂; New Guinea: Kulolo logging area, Wau, Morobe District; CSIRO, Canberra.
Distribution: Australia, New Guinea.
Hosts: *Calophyllum inophyllum*, *Castanopsis accuminatissima*, *Pasania aspericupula*.
Notes: (1) Five localities are given with no indication of which one is the type locality.
References: (**ds**) Schedl 1972f: 103, 1980b: 184. (**tx**) Schedl 1972f: 103, 1972h: 64, 1978a: 19.

***cheesmani* Schedl** 1935f: 275. Lectotype ♂; Papua: Mt. Tafa, 8500 ft.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 19.
Distribution: New Britain Island, New Guinea.
References: (**ds**) Schedl 1968f: 535, 1972f: 110. (**tx**) Schedl 1935f: 275, 1935j: 2, 1940b: 434, 1972f: 110, 1978a: 19.

***cincinnatus* 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 1928a: 3, 1928b: 389; Schedl 1936d: 6, 1960c: 6, 1966b: 83, 1972f: 102; Strohmeyer 1911f: 203, 1912c: 4, 1914c: 33. (**tx**) Beeson 1937: 54, 56; Browne 1962c: 214; Chapuis 1865: 57; Nobuchi 1985: 328; Sampson 1919: 105, 1928a: 3, 1928b: 389; Schedl 1935n: 639, 1939e: 333, 1952b: 385, 1960c: 6, 1972f: 102; Strohmeyer 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, 1928b: 389; Strohmeyer 1912c: 4, 1914c: 33. (**tx**) Beeson 1937: 54, 56; Browne 1962c: 214; Chapuis 1865: 64; Sampson 1919: 105, 1928b: 389; Schedl 1960c: 7, 1972f: 214; Strohmeyer 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 dipyrena*.
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, 1978a: 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 1962e: 644; Schedl 1964g: 242, 253, 1972f: 110–111, 1978a: 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; Nunberg 1964a: 237; Schedl 1966b: 83, 1972f: 102; Strohmeyer 1912c: 4, 1914c: 33. (**tx**) Beeson 1937: 55; Chapuis 1865: 59; Nobuchi 1985: 328; Schedl 1960c: 7, 1972f: 102; Strohmeyer 1911b: 26, 1912c: 4, 1914c: 33.

***concavifrons* 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: 328; Schedl 1935b: 398–399, 1972f: 112.

***concinnus* 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; Strohmeyer 1912c: 4, 1914c: 34. (**tx**) Lucas 1920: 209; Murayama 1925b: 235, 1954b: 205; Nobuchi 1973b: 5; Schedl 1934f: 1647, 1939b: 402, 1972f: 100; Strohmeyer 1912c: 4, 1914c: 34. (**ms**) Lucas 1920: 209.

*chapuisi* Blandford 1894d: 129. Holotype ♀; Japan: Higo; BMNH, London, preoccupied by Duvivier 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. (**ec**) Beeson 1921b; Stebbing 1914: 613. (**hb**) Beeson 1916: 222; Kleine 1932a: 310, 401; Stebbing 1908a: 112, 1911a: 66, 1914: 613. (**ds**) Beeson 1921b: 21, 1961: 253; Bhasin, Roonwal, & Singh 1958; Kleine 1932a: 310, 401; Roonwal 1954: 12; Schedl 1969c: 56, 1972f: 104; Strohmeyer 1912c: 5, 1914c: 35. (**tx**) Schedl 1972f: 104; Stebbing 1906: 411–413, 1910: 66, 1914: 613; Strohmeyer 1912c: 5, 1914c: 35.

***corrugatus* Roberts** 1989: 88. Holotype ♂; New Guinea: Papua, Gumi, Bulolo; NHMW, Wien.
Distribution: New Guinea.
Hosts: *Aglaia* sp.
References: (**tx**) Roberts 1989: 88.

***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, 1978a: 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 1978a: 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, 1978a: 23.

***denticulus* Browne** 1984f: 57. Holotype ♂; New Guinea: Morobe District, Wau, Kumi Creek, 1500 m; BMNH, London.
Distribution: New Guinea.
References: (**tx**) Browne 1984f: 57.

***denturus* Browne** 1984f: 55. Holotype ♂; New Guinea: Morobe District, Mount Kaindi, 2350 m; BMNH, London.
Distribution: New Guinea.
Hosts: *Nothofagus* sp.
References: (**tx**) Browne 1984f: 55.

***derosus* Schedl** 1935j: 2. Holotype ♂; Sumatra, Medan; Schedl Collection in NHMW, Wien.
Distribution: Indonesia (Java, Sumatra).
References: (**ds**) Schedl 1972f: 104. (**tx**) Beeeson 1937: 77; Schedl 1935j: 2, 1938g: 422, 1972f: 104, 1978a: 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 noronhae*.
References: (**ds**) Kalshoven 1960d: 36; Schedl 1972f: 112. (**tx**) Beeson 1937: 90; Schedl 1972f: 112.

***emancipatus* Murayama** 1934f: 138. Syntypes ♂♀; Kiushu; Murayama Collection in USNM, Washington.
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, Mohnyin reserve; FRI, Dehra Dun.
Distribution: Asia (Burma), Indonesia (Borneo).
Hosts: *Bauhinia malabarica, Careya arborea, Sterculia ornata, Tectona grandis, Xylia dolabriformis*.
Notes: (3) A male type is labeled in the FRI Collection (SLW).
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 ♂; Taiti, M. Vesco; MNHN, Paris.
Figures: Nobuchi 1967:pl. 2, 1973b:pl. 1, Wood 1960a: 7–8.
Distribution: Africa (Mauritus 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), Australia (W Australia), Bismarck Islands, Fiji Islands, Hawaiian Islands, Indonesia (Borneo, Celebes, Java, Sumatra), Madagascar, Mangareva, Micronesia (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 odorada, Cinnamomum camphora, Cryptomeria japonica, Ficus retusa, Heritiera fomes, Leucaena glauca, Machilus thunbergii, Odina wodier, Quercus* sp., *Shorea* spp., *Terminalia tomentosa*.
Notes: (3) Fairmaire 1850: 51 (redescribed). Wood 1992b: 91 and others have considered *Diapus taluae* Stebbing as a synonym; however, the holotype was found and *taluae* was transferred to *Genyocerus* (SLW).
References: (**bv**) Gray, B. 1974b; Roberts 1977c. (**cn**) Anonymous 1967s, 1970c: 11; Beaver 1988a: 69; Geyer 1960; Pierce, J. R., Wood, & Fujii 1977: 17; Roberts 1977b: 555, 1977c. (**ee**) 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 & Maddison 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; Ohno, Yoneyama, & Nakazawa 1982a, 1982b, 1987a: 95, 1987b: 89; Ohno, 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; Strohmeyer 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, 1941e: 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; Strohmeyer 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, 1938a; Browne 1952; Kalshoven 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. (**ec**) 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; Kalshoven 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; Kalshoven 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, 1960b: 3, 1961a: 5, 1961b: 13; Ohno, 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; Strohmeyer 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; Strohmeyer 1912c: 6, 1914c: 35, 1914f: 8.

*heritierae* Stebbing 1906: 420 (*Diapus*). Syntypes ♂♀; India, Bengal: Backerganj District, Wazirpur, Sunderbans; FRI, Dehra Dun. Synonymy: Beeson 1915: 298.
References: (**cn**) Stebbing 1914: 628. (**ec**) Stebbing 1914: 628. (**hb**) Stebbing 1914: 628. (**ds**) Stroymeyer 1912c: 22, 1914c: 47. (**tx**) Stebbing 1914: 628; Strohmeyer 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 usambariensis* Strohmeyer 1911: 182. Syntypes ♂♀; Usambarica; IPKE, Eberswalde. Synonymy: Schedl 1972f: 111.
References: (**hb**) Strohmeyer 1911a: 182. (**tx**) Schedl 1972f: 111; Strohmeyer 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 Tunggal 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 1962e: 644; Schedl 1942a: 206, 1972f: 111, 1978a: 29.

***fagacearum* 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: (**en**) Kleine 1932a: 310, 401; Mathur & Singh 1960b: 80; Roonwal 1954: 17, 29; Stebbing 1914: 617. (**ec**) Beeson 1921b: 21; Stebbing 1914: 617. (**hb**) Kleine 1932a: 310, 401; Stebbing 1914: 617. (**ds**) Beeson 1921b: 21, 1937: 73–74, 1961: 253; Bhasin, Roonwal, & Singh 1958; Gemminger & Harold 1872: 2697; Kleine 1932a: 310, 401; Mathur & Singh 1960b: 80; Nobuchi 1973b: 6; Roonwal 1954: 17, 29; Schedl 1969c: 56, 1972f: 104; Strohmeyer 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; Strohmeyer 1912c: 5, 1912d: 42, 1914c: 35.

***flavomaculatus* Strohmeyer** 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: 581, 1954b: 206, 1955: 100; Nobuchi 1967: 25, 1973b: 7; Schedl 1966b: 84, 1972f: 104; Strohmeyer 1912c: 5, 1914c: 35. (**tx**) Murayama 1925a: 205–206, 1925b: 235, 1954b: 206, 1955: 100–101; Nobuchi 1967:pl. 2, 1973b: 7, pl. 1, 1985: 328; Schedl 1934f: 1647, 1972f: 104; Strohmeyer 1912c: 5, 1912d: 40–41, 1914c: 35.

***fluminalis* Beeson** 1937: 57. Holotype ♀; New Guinea: N.N. Guinea Exped., Albatros Bivak V, Mamberamo; 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* Strohmeyer** 1912: 41. Syntypes ♂♀; Kosempo (Formosa); 2 ♂, 1 ♀ in MNB, Berlin, some in Strohmeyer Collection.
Distribution: Asia (Taiwan).
References: (**ds**) Murayama 1925a: 206, 1929a: 676, 1937c: 582; Nobuchi 1967: 26; Schedl 1972f: 111; Strohmeyer 1912c: 5, 1914c: 35. (**tx**) Murayama 1925a: 206–207, 1925b: 235, 1928a: 287–288; Schedl 1972f: 111; Strohmeyer 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: *Afzelia palembanica*, *Albizzia procera*, *Dalbergia latifolia*, *Dryobalanops oblongifolia*, *Eucalyptus* sp., *Grewia* sp., *Palaquium stellatum*, *Quercus* sp., *Styrax benzoin*, *Swietenia macrophylla*.
Notes: (3) Schedl 1935k: 483 (described female), 1972f: 107 (treated as a subspecies of *squamulatus*).
References: (**en**) Browne 1938b. (**hb**) Browne 1935a, 1941, 1961c: 227; Kalshoven 1960c: 45. (**ds**) Beeson 1937, 1941 (1961: 254); Browne 1935a, 1961c: 227, 1966: 242, 1980b: 381; Kalshoven 1960c: 45; Ohno, Yoneyama, & Nakazawa 1987b: 89; Schedl 1936d: 6, 1936j: 6, 21, 1938g: 421, 1966b: 87, 1972f: 107; Strohmeyer 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; Strohmeyer 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 (*Platypus*). Holotype ♂; Neu-Guinea; Schedl Collection in NHMW, Wien.
Distribution: New Guinea.
References: (**ds**) Schedl 1968f: 535, 1972f: 111. (**tx**) Browne 1962e: 643; Schedl 1942c: 194, 1972f: 111, 1978a: 35.

***hebridensis* Beeson** 1937: 71. Holotype ♂; New Hebrides: Aneityum; 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 1962e: 644; Schedl 1934a: 247, 1939e: 333, 1941c: 354, 1942a: 204, 1963j: 486, 1972f: 111, 1978a: 35.

*biceps* Beeson 1937: 67. Syntypes ♂ ♀; Java: G. Slamet, Batoerraden; Buitenzorg Museum. Synonymy: Schedl 1939e: 333.
References: (**tx**) Beeson 1937: 67–68, 71; Browne 1962e: 644; Schedl 1939e: 333, 1972f: 111.

***inaequidens* Browne** 1984c: 456. Holotype ♂; Kaonasugo (Solomon Islands) to Nagoya (Japan), imported; BMNH, London.
Distribution: Solomon Islands.
Hosts: *Pometia* sp.
References: (**ds**) Ohno, Yoshioka, et al. 1988b: 97. (**tx**) Browne 1984c: 456.

***indomitus* Chapuis** 1865: 84. Holotype ♀; Moluques, de l'île Morty; BMNH, London (Schedl 1960c: 11).
Distribution: Asia (Malaya), Australia, Indonesia (Moluccas).
References: (**ds**) Gemminger & Harold 1872: 2697; Schedl 1972f: 111; Strohmeyer 1912c: 5, 1914c: 35. (**tx**) Chapuis 1865: 84; Schedl 1960c: 11, 1972f: 111; Strohmeyer 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; Strohmeyer 1912c: 5, 1914c: 35. (**tx**) Blandford 1896b: 192; Schedl 1960c: 11, 1972f: 111; Strohmeyer 1912c: 5, 1914c: 35.

***inermis* Schedl** 1937d: 33. Lectotype ♂; West-Sumatra, Padang-Pandjang and Sudost-Borneo; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 37.
Distribution: Asia (Malaya/ Thailand), Indonesia (Borneo, Mentawei, Sumatra).
Hosts: *Afzelia palembanica, Aglaia* sp., *Grewia* sp., *Koompassia excelsa, Parkia speciosa, Parinarium griffithianum, Sterculia macrophylla*.
References: (**ds**) Beaver & Browne 1975: 304; Schedl 1971f: 150, 1972f: 102. (**tx**) Schedl 1936e: 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: (**en**) 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 iles Celebes (Macassar); BMNH, London.
Distribution: Indonesia (Celebes), New Guinea.
References: (**ds**) Gemminger & Harold 1872: 2697; Schedl 1972a: 103; Strohmeyer 1912c: 4, 1914c: 33. (**tx**) Chapuis 1865: 69; Schedl 1960c: 8, 1972f: 103; Strohmeyer 1912c: 4, 1914c: 33.

***javanus* Beeson** 1937: 51. Syntypes 1 ♂, 1 ♀; Java: Soekaboeni; FRI, Dehra Dun.
Distribution: Indonesia (Java, Sumatra), New Guinea.
Hosts: *Albizzia sumatrana, Celtis wrightia, Dalbergia latifolia, Eucalyptus* sp., *Hevea 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* Strohmeyer** 1913: 163. Syntypes ♂; Key-Inseln; SMTD, Dresden, and IPKE, Eberswalde.
Distribution: Indonesia (Key Island), New Guinea.
References: (**ds**) Schedl 1972f: 102; Strohmeyer 1914c: 34. (**tx**) Schedl 1937d: 34, 1941e: 152, 1972f: 102, 1978a: 39; Strohmeyer 1913: 163–164, 1914c: 34.

***kondulensis* Beeson** 1937: 86. Syntypes ♂ ♀; Nicobars: Little Nicobar; FRI, Dehra Dun.
Distribution: Asia (Nicobar Islands in India).
References: (**ds**) Schedl 1972f: 106. (**tx**) Beeson 1937: 86–87; Schedl 1939e: 335, 1972f: 106.

***lacordairei* Chapuis** 1865: 85. Syntypes 2 ♂; Nouvelle-Guinee; BMNH, London (Schedl 1960c: 11).
Distribution: Bismarck Islands, Indonesia (Aru), New Guinea, New Ireland.
References: (**ds**) Browne 1966: 241; Gemminger & Harold 1872: 2697; Nobuchi 1977: 106; Ohno, Yoneyama, & Nakazawa 1987a: 95; Ohno, Yoshioka, et al. 1989: 64; Schedl 1936g: 514, 1972f: 106; Strohmeyer 1914c: 35. (**tx**) Chapuis 1865: 85; Lucas 1920: 209; Schedl 1937d: 34–35, 1960c: 11, 1969b: 222, 1972f: 106; Strohmeyer 1914c: 35.

***laevigatus* Chapuis** 1865: 70. Syntypes 2 ♀; Iles Molucques (Batchian); BMNH, London.
Distribution: Indonesia (Moluccas).
References: (**ds**) Gemminger & Harold 1872: 2697; Schedl 1972f: 103; Strohmeyer 1912c: 4, 1914c: 34. (**tx**) Chapuis 1865: 70; Schedl 1960c: 9, 1972f: 103; Strohmeyer 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; Ohno, 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 ♂ ♀; l'île 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 1987b: 89; Schedl 1938g: 421, 1966b: 85, 1971f: 150, 1972f: 102, 1974c: 262; Strohmeyer 1912c: 4, 1912e: 251, 1914c: 33. (**tx**) Beeson 1937: 56–57; Chapuis 1865: 60; Hopkins 1914c: 183, 191; Lacordaire 1866: 389; Nobuchi 1983: 328; Schedl 1933e: 105, 1935n: 639, 1937d: 33, 1939b: 392, 1952b: 365, 1960c: 7, 1972f: 102; Strohmeyer 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 sundaica.*

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 ♂; Neu-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, Debrepani, 6000 ft.; FRI, Dehra Dun.

Distribution: Asia (Bengal in India).

Hosts: *Machilus odoratissima, Mallotus roxburghianus, Symplocos theaefolia.*

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: Karamui, 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, Swietenia macrophylla, Tectona grandis, Terminalia arjuna, T. bellerica, T. paniculata, T. tomentosa, Theobroma cacao, Wormia triquetra, Xylia xylocarpa.*

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. (**ec**) 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; Strohmeyer 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; Strohmeyer 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. 1988b: 97, 1989: 65; Schedl 1972f: 103; Strohmeyer 1912c: 4, 1914c: 34. (**tx**) Browne 1955: 365; Chapuis 1865: 68; Schedl 1960c: 8, 1972f: 103; Strohmeyer 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; Strohmeyer 1912c: 4, 1914c: 33. (**tx**) Browne 1955: 365; Chapuis 1865: 11; Schedl 1960c: 8, 1972f: 103; Strohmeyer 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.

*novaeguineensis* Roberts 1989: 90. Holotype ♂; New Guinea: Papua, Bulolo; NHMW, Wien.
References: (**tx**) Roberts 1989: 90.

***mniszechi* Chapuis** 1865: 62. Syntypes ♂ ♀; Iles de la Nouvelle Guinee, d'Arou, de Celebes; 4 ♂, 2 ♀ in BMNH, London, 3 ♂ in IRSNB, Brussels (Schedl 1960c: 7).
Distribution: Asia (Malaya), Australia, Bismarck Islands, Indonesia (Aru, Celebes, Key Island), Fergusson Island, New Britain Island, New Guinea, New Ireland, Philippine Islands.
Hosts: *Antidesma* sp., *Cananga odorata*, *Dracontomelum* sp., *Maniltoa* sp., *Pangium* sp., *Polyalthea* sp., *Pometia pinnata*, *Vitex* sp.
References: (**cn**) Gray, B. & Wylie 1974; Smith, J. H. 1935: 3. (**ec**) 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. 1968: 307; Schedl 1936g: 513, 1962i: 73, 1966b: 85, 1972f: 102, 1979a: 159; Smith, J. H. 1935: 3; Strohmeyer 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, 1941e: 53, 1942c: 164, 1952b: 365, 1955b: 282, 1958i: 215, 1960c: 7, 1969b: 221, 1972f: 102; Strohmeyer 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, 1978a: 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, Phulchoki b. Kathmandu; Schedl Collection in NHMW, Wien.
Distribution: Asia (Bhutan/ Nepal).
References: (**ds**) Schedl 1975c: 384. (**tx**) Schedl 1973b: 212, 1978a: 46.

***niponicus* Blandford** 1894d: 130. Syntypes (many) ♂ ♀; Sapporo and Hakodate in Yezo, also Miyanoshita, Yuyama, etc., and in Kiushiu, 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 thunbergii*, *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 (SLW).
References: (**ay**) Nakashima 1971, 1975: 4, 1978. (**cn**) Anonymous 1980g; Kleine 1932a: 401; Uchida et al. 1958: 181; Yazowa, Higochi, & Machii 1957: 1–56. (**ec**) 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; Strohmeyer 1912c: 6, 1914c: 35. (**tx**) Beeson 1937: 69; Blandford 1894d: 130; Murayama 1925a: 207, 1925b: 235, 1928a: 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; Strohmeyer 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*, *Elaeocarpus* sp., *Eugenia gustavioides*, *Euodia* sp., *Pithecellobium* 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; Strohmeyer 1912c: 4, 1914c: 34. (**tx**) Chapuis 1865: 77; Lucas 1920: 209; Schedl 1939b: 398, 1954a: 156, 1960c: 10, 1971c: 387, 1972f: 109, 1978a: 47; Strohmeyer 1912c: 5, 1914c: 34.

***nitescens* Schedl** 1979a: 162. Holotype ♂; Tarzali, Atherton Sub. District, Queensland, Australia; CSIRO, Canberra.
Distribution: Australia (Queensland).
Hosts: *Araucaria cunninghamii*, *Canarium australasicum*, *Elaeocarpus* sp., *Eugenia gustavoides*, *Euodia* sp.
Notes: (3) Schedl 1980b: 187 (described female).
References: (**ds**) Schedl 1980b: 185–187. (**tx**) Schedl 1979a: 162.

***nitidior* (Schedl)** 1953b: 129 (*Trachyostus*). Syntypes ♀; Hiep-Hoa, East-Vaico River, 40 km W Saigon, Indo China; Barbier Collection and Schedl Collection in NHMW, Wien.
Distribution: Asia (Vietnam).
Notes: (1) Schedl 1978a: 47 (citation of holotype invalid).
References: (**ds**) Schedl 1972f: 112. (**tx**) Browne 1962e: 644; Schedl 1953b: 129–130, 1963j: 486, 1972f: 112, 1978a: 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 1978a: 47 (citation of holotype invalid). Browne 1962e: 643 (to *Crossotarsus*).
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, 1978a: 47.

***octocostatus* Schedl** 1935b: 398. Syntypes ♂♀; Mount Maquiling, Laguna Province, Philippine Islands; F. C. Hadden Collection, and Schedl Collection in NHMW, Wien.
Figures: Schedl 1972f: 109.
Distribution: Indonesia (Borneo, Mentawei), Philippine Islands (Luzon).
Notes: (1) Schedl 1978a: 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, 1978a: 49.

***oligodontus* Roberts** 1979: 82. Holotype ♂; Papua New Guinea: 12 km south-west of Onim Hut, Mount Gihwe, 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: *Evodia* 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.

***piceae* 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; Strohmeyer 1912c: 6, 1914c: 35. (**tx**) Schedl 1972f: 112; Stebbing 1906: 413; Strohmeyer 1912c: 6, 1914c: 35.

***piceus* Chapuis** 1865: 56. Syntypes ♂♀; Moluques et d'Arou; 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**) Strohmeyer 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; Strohmeyer 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; Strohmeyer 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, 1978a: 56.

***quadricaudatus* (Strohmeyer)** 1910e: 131 (*Platypus*). Syntypes 3, ♂♀; Nilgiri Hills; 1 in H. L. Andrews Collection, 2 in IPKE, Eberswalde.
Distribution: Asia (Tamil Nadu in India).
Hosts: *Canarium strictum, Palaquium eliptica, 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 1910e: 131, 1912c: 19, 1913: 165, 1914c: 34.

***rasilis* Roberts** 1979: 83. Holotype ♂; Papua New Guinea: 8 km south-west of Onim Hut, Mount 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.

***rengetensis* 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 azedarch, 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: 482, 1964h: 424, 1972f: 112, 1978a: 63.

*parvus* Browne 1962c: 213 (*Trachyostus*). Holotype ♂; Philippines: Laguna, Mt. Maquilling; Forest Products Research Institute, Laguna.
Synonymy: Schedl 1972f: 112.
Notes: (1) Browne 1962e: 644 (to *Crossotarsus*).
References: (**ds**) Ohno, Yoshioka, et al. 1988b; Schedl 1966b: 104. (**tx**) Browne 1962c: 213, 1962e: 644; Nobuchi 1985: 328; Schedl 1963j: 482, 1964h: 424, 1972f: 112.

***saltatorinus* (Schedl)** 1954a: 157 (*Platypus*). 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: *Afzelia palembanica, Buchanania sessifolia, Canarium littorale, Castanopsis sumatrana, Coccoceras muticum, Diplospora* sp., *Dryobalanops oblongifolia, Elateriospermum tapos, Endospermum malaccense, Hymenaea courbaril, Mesua ferrea, Parkia speciosa, Shorea* spp., *Sterculia macrophylla, Styrax benzoin, Xanthophyllum* sp., *Xerospermum* sp.
Notes: (3) This series had been previously misidentified as *cincinnatus* by Schedl 1935n: 639).
References: (**hb**) Browne 1961c: 223. (**ds**) Browne 1961c: 223, 1980b: 381; Ohno, Yoshioka, et al. 1989: 65; Schedl 1972f: 102. (**tx**) Browne 1962c: 215; Schedl 1935n: 639, 1972f: 102.

***scorpius* (Schedl)** 1942c: 195 (*Platypus*). 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 (*Platypus*). 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., Kyushiu); Murayama Collection in USNM, Washington.

Figures: Nobuchi 1973b:pl. 1.
Distribution: Asia (Japan/ Korea/ Taiwan).
Hosts: *Ilex oldhami, Lindera thunbergii, 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 1983: 31; Ishikura 1966; Kleine 1932a: 401; Ko 1969: 273; Murayama 1929a: 676, 1929b: 2, 1930b: 24, 1931a, 1934f: 138, 1936a: 140–141, 1937b: 375, 1937c: 581, 1949c: 104, 1950b: 1299, 1954a: 19, 1954b: 206, 1955: 100, 105, 1957a: 37; Nobuchi 1967: 25, 1973b: 8, 1977: 105; Schedl 1972f: 105; Shiraki 1952. (**tx**) Beeson 1937: 77; Choo 1983: 31; Choo & Woo 1985: 163; Murayama 1925b: 231–232, 235, 1928a: 289–290, 1930b: 24, 28, 31, 1931a: 50, 1936a: 140, 1937b: 375, 1950b: 1299, 1954b: 206, 1955: 100, 105; Nobuchi 1973b: 8, pl. 1; Schedl 1934f: 1647, 1972f: 105.

***siporanus* Schedl** 1936e: 44. Lectotype ♂; Mentawei, Sopora Sereinu; Schedl Collection in NHMW, Wien.
Distribution: Asia (Malaya), Indonesia (Borneo, Mentawei, Sumatra), New Guinea.
Hosts: *Aporosa globifera, Baccaura parvifolia, Schoutenia mastersii, Xerospermum* sp.
Notes: (3) Schedl 1962f: 209 (treated in *Platypus*).
References: (**hb**) Beaver & Browne 1978: 616; Browne 1961c: 228. (**ds**) Beaver & Browne 1978: 616; Browne 1961c: 228; Schedl 1972f: 107. (**tx**) Schedl 1936e: 44–45, 1939e: 335, 1962p: 209, 1964d: 213, 1972e: 107, 1978a: 67.

*oblongirosus* Beeson 1937: 88. Holotype ♂; F.M.S.: Pahang, Raub; FRI, Dehra Dun. Synonymy: Schedl 1962p: 208.
References: (**hb**) Browne 1941. (**tx**) Beeson 1937: 88–89; Schedl 1939e: 335, 1962p: 209, 1972f: 107.

***siva* 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 1939e: 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)** 1928b: 393 (*Platypus*). Syntypes ♂ [♀ ?]; Borneo: Quop, Sandakan; BMNH, London.
Distribution: Indonesia (Borneo).
Notes: (1) Schedl 1972f: 192 (Sampson's female belongs to a *Platypus* species). (3) Schedl 1972f: 105 (to *Crossotarsus*).
References: (**ds**) Sampson 1928b: 393; Schedl 1972f: 105, 192. (**tx**) Browne 1955: 365; Sampson 1928b: 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, Afzelia palembanica, Albizzia lebbek, Amoora rohituka, Austrobuxus 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., *Ponteria 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 1958b. (**hb**) Beaver & Browne 1978: 616; Beeson 1941 (1961: 256); Browne 1936a, 1941, 1958b, 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 1987b: 89; Roonwal 1954: 89; Sampson 1919: 106; Schedl 1936d: 6, 1936j: 22, 1937f: 15, 1966b: 87, 1971f: 150, 1972f: 107, 1974c: 262; Strohmeyer 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; Strohmeyer 1914c: 35.

*fragmentus* Sampson 1912: 249. Holotype ♂; Singapore; BMNH, London. Synonymy: Beeson 1937: 79.

Notes: (3) Schedl 1978a: 107 (treated as a subspecies of *fractus*).

References: (**cn**) Kalshoven 1924c. (**hb**) Browne 1935a; Kalshoven 1924c. (**ds**) Browne 1935a; Murayama 1934f: 140; Sampson 1928b: 391; Strohmeyer 1914c: 35. (**tx**) Beeson 1937: 79; Sampson 1912: 249–250, 1919: 106, 1928b: 391; Schedl 1933e: 105, 1935k: 483, 1972f: 107, 1978a: 107; Strohmeyer 1914c: 35.

*fragmentus minor* Sampson 1928a: 2. Syntypes ♂; Tjinta Radja, Medan, Sumatra; BMNH, London. Synonymy: Schedl 1972f: 107.

References: (**ds**) Sampson 1928a: 2–3. (**tx**) Beeson 1937: 81; Sampson 1928a: 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, 1978a: 68.

*squamulatus sundri* Beeson 1937: 79. Syntypes ♂; Sunderbans Division, Bengal, India; FRI, Dehra Dun. Synonymy: Schedl 1972f: 107.

References: (**cn**) Chaudry 1966. (**ec**) Chaudry 1966. (**ds**) Chaudry 1966. (**tx**) Beeson 1937: 79–80; Schedl 1972f: 107, 1978a: 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, 1978a: 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. (**ec**) Smith, J. H. 1935: 3. (**ds**) Schedl 1936g: 513, 1964c: 306, 1968f: 535, 1972a: 144, 1972f: 103, 1979a: 159; Smith, J. H. 1935: 3; Strohmeyer 1912c: 7, 1914c: 35. (**tx**) Lea 1910: 134; Schedl 1942c: 165, 1950g: 894, 1972f: 103; Strohmeyer 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*, *Eudiandra* sp., *Eugenia* sp., *Gordonia zeylanica*, *Hevea brasiliensis*, *Lagerstroemia hypoleuca*, *Macaranga* spp., *Marumia muscosa*, *Parinarium griffithianum*, *Pasania aspericupula*, *P. sundaica*, *Pithecellobium* sp., *Quercus* sp., *Santiria griffithii*, *Scaphium* sp., *Semecarpus gardneri*, *Shorea leprosula*, *S. parvifolia*, *Swietenia macrophuylla*, *Whitfordiodendron pubescens*, *Wormia triquetra*, *Xanthophyllum affine*.

Notes: (3) Schedl 1936d: 13 (described female).

References: (**cn**) Roonwal 1954: 37. (**ec**) 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, 1984b: 287; Gemminger & Harold 1872: 2697; Kalshoven 1960d: 45; Murayama 1929a: 677, 1934f: 141; Nobuchi 1967: 25, 1979a: 407; Ohno, Yoshioka, et al. 1988b: 97; Roonwal 1954: 37; Schedl 1966b: 88, 1969c: 58, 1972f: 107; Strohmeyer 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, 1978a: 73; Strohmeyer 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; Strohmeyer 1914c: 35. (**tx**) Beeson 1937: 84–88; Blandford 1895a: 324; Chapuis 1865: 88; Sampson 1912; Schedl 1937d: 35, 1939b: 398,

1939e: 335, 358, 1942a: 205, 1959a: 513, 1960c: 12, 1972f: 107–108; Strohmeyer 1914c: 35.

*venustus venustulus* Beeson 1937: 85. Syntypes, sex?; Ceylon: Mawagankanda, Ratnapura, 500 ft.; FRI, Dehra Dun.

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.

*nicobaricus* Beeson 1937: 86. Syntypes ♂♀; Nicobars: Car Nicobar; FRI, Dehra Dun. 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 sedulus* 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; Ohno, 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.

***tribuarius* Schedl** 1939e: 358. Holotype ♂; Luzon, Philippine Islands; Schedl Collection in NHMW, Wien.

Distribution: Philippine Islands (Luzon).

References: (**ds**) Schedl 1966b: 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. 8"; 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, Dehra Dun. Synonymy: Schedl 1972f: 112.

References: (**tx**) Beeson 1937: 70–71, 1941 (1961: 254); Schedl 1939c: 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.

***vafer* Schedl** 1972h: 66. Holotype ♂; Buin, Bougainville District; CSIRO, Canberra.

Distribution: Bougainville Island.

Hosts: *Heritera 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, 1978a: 79.

***ventrispinis* Schedl** 1969b: 222. Holotype ♂; New Guinea, Kum, 11 miles from Mt. Hagen, W.H.D.; CSIRO, Canberra.
Distribution: New Guinea.
References: (**ds**) Schedl 1972f: 105. (**tx**) Schedl 1969b: 222, 1972f: 105, 1978a: 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, 1978a: 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: *Afzelia palembanica, Albizzia falcata, Artocarpus dadah, Bouea macrophylla, Calophyllum* sp., *Castanopsis* sp., *Croton argyratum, Dryobalanops oblongifolia, Elateriospermum tapos, Endospermum malaccense, Eugenia grandis, Fagraea gigantea, Gironniera* sp., *Heritiera javanica, Hevea 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, Swietenia macrophylla, Whitfordiodendron pubescens.*
Notes: (3) Chapuis 1865: 53 (redescribed both sexes).
References: (**ay**) Menier 1976: 348; Strohmeyer 1918: 8. (**bv**) Menier 1976: 348. (**cn**) Browne 1938b, 1949e; Corbett & Gater 1926b: 261; Kalshoven 1924b: 357, 1936a: 188; Kleine 1932a: 310, 401; Supriana et al. 1978; Yunus & Hua 1980: 216. (**ec**) 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; Strohmeyer 1911f: 203, 1912c: 4, 1914c: 33; Supriana et al. 1978; Yunus & 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; Strohmeyer 1911f: 203, 1912c: 4, 1914c: 33; Thomson 1858: 343.

***wilmoti* (Stebbing)** 1911b: 36 (*Platypus*). Syntypes ♂♀; published as Tons Valley, Jaunsar, labeled Kathian, Jaunsar, NWH; 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. (**ec**) Beeson 1921b: 21. (**hb**) Kleine 1932a: 310; Stebbing 1911a: 6. (**ds**) Beeson 1921b: 21, 1937: 74–76, 1961: 257; Bhasin, Roonwal, & Singh 1958; Kleine 1932a: 310; Roonwal 1954: 59; Schedl 1969c: 59, 1972f: 105; Strohmeyer 1914c: 27. (**tx**) Beeson 1937: 74–76; Schedl 1972f: 105; Stebbing 1911b:(reprint p. 36), 1914: 618; Strohmeyer 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 & Molnar 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, 1978a: 10.

***assamensis* (Beeson)** 1937: 59 (*Crossotarsus*). Syntypes ♂♀; Assam: Lakhimpur division, Upper Dihing reserve; FRI, Dehra Dun, not found in 1981 by SLW [1 ♂ paratype in FRI].
Distribution: Asia (Assam in India).
Hosts: *Vatica lanceaefolia*.
Notes: (1) Browne 1962e: 647 (to *Carchesiopygus*).
References: (**en**) 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 ♂; Somarsby, 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, 1978a: 24.

***impariporus* (Beeson)** 1937: 62 (*Crossotarsus*). Syntypes ♂; Assam: Lakhimpur division, Mokum Reserve, Upper Dihing reserve; FRI, Dehra Dun, not found in 1981 by SLW [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: Kausani, 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 Provences: 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.

***wollastoni* (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? (SLW).
References: (**en**) Mathur & Singh 1961b: 70. (**ec**) Batra 1971. (**hb**) Browne 1936a, 1941; Kalshoven 1960c: 42. (**ds**) Beeson 1937: 58–59, 1941 (1961: 257); Browne 1936a, 1961c: 218; Mathur & Singh 1961b: 70; Sampson 1919: 106, 1928b: 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, 1928b: 390; Schedl 1939b: 394, 403, 1960c: 9, 1972f: 95; Strohmeyer 1912c: 5, 1914c: 34.

## Genus *Crossotarsinulus* Schedl

CROSSOTARSINULUS SCHEDL 1972: 84–87. Type-species: *Crossotarsus sauteri* Strohmeyer, original designation.
References: (**tx**) Schedl 1972f: 84–87.

***sauteri* (Strohmeyer)** 1913: 164 (*Crossotarsus*). Syntypes ♂♀; Kosempo, 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 1962e: 646.
Keys: Browne 1962e: 646 (adults), Roberts 1962a: 29 (larvae).
References: (**ay**) Nobuchi 1969a: 69. (**hb**) Browne 1960: 213, 1961c: 218–221; Roberts 1968: 325–352; Schedl 1962k: 698, 1972f: 87, 1977b: 253. (**ds**) Schedl 1962k: 698, 1966b: 104, 1972f: 87, 1977b: 253. (**tx**) Browne 1962e: 646, 1972a: 184; Roberts 1962a: 29, 1962b: 241–244; Schedl 1939b: 397, 400, 1939p: 288, 1952i: 7, 1957d: 225, 1962h: 65, 1962k: 698, 1963j: 483, 1964b: 425, 1972f: 87, 1977b: 253.

***antongilis* Schedl** 1961e: 166. Holotype ♂; Madagascar, S. Baie Antongil, Humblot; MNHN, Paris.
Figures: Schedl 1972f: 86.
Distribution: Madagascar.
References: (**ds**) Schedl 1972f: 88, 1977b: 254. (**tx**) Schedl 1961e: 166, 1972f: 88, 1977b: 254, 1978a: 12.

***ater* (Strohmeyer)** 1911g: 230 (*Platypus*). Syntypes 3 ♂; Madagaskar (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 ♂; Gabun; IPKE, Eberswalde.
Figures: Mayne & Donis 1962: 291.
Distribution: Africa (Cameroon/ Congo/ Gabon/ Ghana/ Kenya/ Nigeria/ Sierra Leone/ Tanzania/ Uganda/ Zaire).
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. (**cc**) Akanbi 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, 1968: 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, Sapele; 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 (Zaire).
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/ Zaire).
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; Neumann & 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. (**ec**) Browne 1961e: 7–8; Roberts 1960a, 1960b, 1960i: 5, 1961c: 8–34, 1962a: 29–40, 1962b: 241–244. (**hb**) Browne 1961e: 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, 1972e: 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, 1978a: 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, 1978a: 38.

***nobilis* (Schaufuss)** 1897a: 221 (*Platypus*). Syntypes 3 ♂; Madagascar: Diego Suarez; Hamburg Museum, lost.
Distribution: Madagascar.
References: (**ds**) Alluaud 1900: 441; Schedl 1972f: 89, 1977b: 254; Strohmeyer 1912c: 16, 1914c: 27. (**tx**) Nunberg 1961b: 625, 1964a: 237; Schaufuss 1897a: 221–222; Schedl 1964j: 49, 1967f: 149, 1972f: 89, 1977b: 254; Strohmeyer 1912c: 16, 1914c: 27.

*punctatus* Strohmeyer 1911g: 229. Syntypes 2 ♂, 2 ♀; Madagascar: Diego Suarez; Strohmeyer Collection. Synonymy: Schedl 1962p: 210.
References: (**tx**) Schedl 1933f: 195, 1952i: 22, 1962p: 210, 1972f: 89; Strohmeyer 1911g: 229–230.

***schaufussi* (Strohmeyer)** 1913: 161 (*Platypus*). Syntypes ♂♀; Kilimandjaro; Strohmeyer Collection.
Figures: Bright 1972d: 19, Nunberg 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; Strohmeyer 1918: 34. (**bv**) Menier 1976: 348. (**en**) Thompson, G. H. 1960; Webb & Jones 1958: 383. (**ec**) Roberts 1969a. (**hb**) Beaver & Loyttyniemi 1985b: 117; Thompson, G. H. 1963: 69; Webb & Jones 1958: 383. (**ds**) Beaver & Loyttyniemi 1985b: 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; Strohmeyer 1914c: 27; Thompson, G. H. 1960e, 1963: 69. (**tx**) Bright 1972d: 14, 19; Browne 1962e: 646; Nunberg 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; Strohmeyer 1913: 161, 1914c: 27.

*ugandensis* Nunberg 1961b: 624 (*Platypus*). Holotype ♀; Uganda, Kampala; BMNH, London. Synonymy: Schedl 1972f: 89.
References: (**tx**) Nunberg 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, 1978a: 64.

*schaufussi minor* Schedl 1962k: 738. 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, 1972e: 286, 1972f: 89; Thompson, G. H. 1963: 69; Webb & Jones 1957: 37, 41. (**tx**) Schedl 1954e: 59, 1962k: 738, 1972f: 89, 1978a: 64.

*schaufussi medius* Schedl 1962k: 734. Lectotype ♂; Gold Coast, Sunyani; Schedl Collection in NHMW, Wien.
References: (**bv**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**hb**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 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, 1972e: 286, 1972f: 89; Webb & Jones 1957: 36, 39, 41. (**tx**) Schedl 1952j: 6, 1954e: 59, 1962k: 734, 1972f: 89, 1978a: 64.

***schoutedeni* (Schedl)** 1933f: 195 (*Platypus*). Syntypes ♂; Mongwalu (Kilo), Kwamouth, Sankuru: Komi; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: Schedl 1962k: 740–742 (20 host species listed).
Notes: (1) Schedl 1978a: 64 (type restricted to Tervuren specimens).
References: (**ec**) 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, 1978b: 64.

***similis* Nunberg** 1967b: 330. Holotype ♀; Elisabethville; MRCB, Tervuren.
Figures: Nunberg 1967:pl. 5, fig. 4.
Distribution: Africa (Zaire).
References: (**tx**) Nunberg 1967b: 330, 339.

***tomentosus* (Strohmeyer)** 1911g: 231 (*Platypus*). Holotype ♂; Kamerun; MNB, Berlin.

Figures: Schedl 1962k: 743.
Distribution: Africa (Cameroon/ Ghana/ Nigeria/ Togo/ Zaire).
Hosts: *Scorodophloeus zenkeri*.
Notes: (3) Schedl 1962h: 73 (described female).
References: (**hb**) Roberts 1967. (**ds**) Roberts 1962a: 33, 1968: 189, 1969b: 121; Schedl 1962h: 63, 1972k: 742, 1972f: 89; Strohmeyer 1912c: 19, 1914c: 29. (**tx**) Schedl 1962h: 73, 1962k: 742–743, 1972f: 89, 1978a: 74; Strohmeyer 1911g: 231–232, 1912c: 19, 1914c: 29.

## Genus *Neotrachyostus* Browne

NEOTRACHYOSTUS BROWNE 1962e: 645. Type-species: *Platypus abbreviatus* Chapuis, original designation.
References: (**ds**) Schedl 1972f: 90. (**tx**) Browne 1962e: 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 1962e: 645 (to *Neotrachyostus*).
References: (**ay**) Menier 1976: 348. (**bv**) Menier 1976: 348. (**ds**) Blackwelder 1947: 788; Schedl 1933c: 166, 1972f: 92, 1976a: 57; Strohmeyer 1912c: 8, 1914c: 22. (**tx**) Browne 1962e: 645; Chapuis 1865: 28, 35, 106; Lucas 1920: 521; Schedl 1933c: 166, 1937b: 399, 1939p: 288, 1960c: 13, 1972f: 92; Strohmeyer 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: 788; 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 1962e: 646 (to *Neotrachyostus*).
References: (**ds**) Blackwelder 1947: 788; Equihua & Atkinson 1987: 14; Schedl 1972f: 92; Strohmeyer 1912c: 8, 1914c: 23. (**tx**) Blandford 1895e: 93–96; Browne 1962e: 646; Equihua & Atkinson 1987: 14; Schedl 1933a: 938, 1939b: 399, 1972f: 92; Strohmeyer 1912c: 8, 1914c: 23.

***concavus* (Chapuis)** 1865: 108 (*Platypus*). Holotype ♀; Bresil; BMNH, London (Schedl 1960c: 13).
Distribution: South America (Brazil).
Notes: (1) Browne 1962e: 645 (to *Neotrachyostus*).
References: (**ds**) Blackwelder 1947: 789; Schedl 1972f: 92; Strohmeyer 1912c: 8, 1914c: 22. (**tx**) Browne 1962e: 645; Chapuis 1865: 108–109; Schedl 1960c: 13, 1972f: 92; Strohmeyer 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 1962e: 645 (to *Neotrachyostus*).
References: (**ds**) Blackwelder 1947: 789; Schedl 1972f: 92; Strohmeyer 1912c: 8, 1914c: 22. (**tx**) Browne 1962e: 645; Chapuis 1865: 111; Reichardt 1964: 85; Schedl 1960c: 14, 1972f: 92; Strohmeyer 1912c: 8, 1914c: 22.

***distinctus* (Chapuis)** 1865: 111 (*Platypus*). Holotype ♂; Para.; IRSNB, Brussels (Schedl 1960c: 14).
Distribution: South America (Bolivia/ Brazil).
Notes: (1) Browne 1962e: 645 (to *Neotrachyostus*).
References: (**ds**) Blackwelder 1947: 789; Schedl 1972f: 92; Strohmeyer 1912c: 8, 1914c: 22. (**tx**) Browne 1962e: 645; Chapuis 1865: 111–112; Schedl 1960c: 14, 1972f: 92; Strohmeyer 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 1962e: 646 (to *Neotrachyostus*).
References: (**ds**) Blackwelder 1947: 789; Blandford 1895b: 96; Equihua & Atkinson 1987: 14; Schedl 1972f: 92; Strohmeyer 1912c: 8, 1914c: 23. (**tx**) Blandford 1895b: 96; Browne 1962e: 646; Chapuis 1865: 115–116; Equihua & Atkinson 1987: 14; Schedl 1939b: 399, 1939p: 288–289, 1940a: 323, 1960c: 15, 1962e: 646, 1972f: 92; Strohmeyer 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: 789; Blandford 1896e; Equihua & Atkinson 1987: 14; Schedl 1972f: 92; Strohmeyer 1912c: 8, 1914c: 23. (**tx**) Blandford 1896e: 97; Browne 1962e: 646; Chapuis 1865: 116–117; Equihua & Atkinson 1987: 14; Schedl 1940a: 323, 1960c: 15, 1972f: 92; Strohmeyer 1912c: 8, 1914c: 23.

***fuscifrons* (Chapuis)** 1865: 110 (*Platypus*). Holotype ♀; Bresil (Ega); BMNH, London (Schedl 1960c: 14).
Distribution: South America (Brazil).
Notes: (1) Browne 1962e: 645 (to *Neotrachyostus*).
References: (**ds**) Blackwelder 1947: 789; Schedl 1972f: 92; Strohmeyer 1912c: 8, 1914c: 23. (**tx**) Browne 1962e: 645; Chapuis 1865: 110–111; Schedl 1960c: 14, 1972f: 92; Strohmeyer 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 1962e: 645 (to *Neotrachyostus*).

References: (**ds**) Blackwelder 1947: 789; Schedl 1960a: 78, 1972f: 92, 1976a: 57; Strohmeyer 1912c: 8, 1914c: 23. (**tx**) Browne 1962e: 645; Chapuis 1865: 109; Schedl 1937d: 37, 1952a: 443, 1960c: 13–14, 1972f: 90, 92; Strohmeyer 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; Strohmeyer 1912c: 8, 1914c: 23. (**tx**) Browne 1962e: 646; Chapuis 1865: 118–119; Nunberg 1939: 241; Schedl 1960c: 15, 1972f: 92; Strohmeyer 1912c: 8, 1914c: 23.

***putzeysi* (Chapuis)** 1865: 28, 117 (*Platypus*). Syntypes 2 ♀; Mexico, Toxpam, 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; Strohmeyer 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; Strohmeyer 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; Strohmeyer 1912c: 8, 1914c: 23. (**tx**) Blandford 1895b: 93, 95–96; Browne 1962e: 645; Equihua & Atkinson 1987: 14; Nunberg 1939: 241; Schedl 1962g: 1036, 1972f: 92; Strohmeyer 1912c: 8, 1914c: 23.

***springi* (Chapuis)** 1865: 112 (*Platypus*). Syntypes 1 ♂, 1 ♀; Colombie; IRSNB, Brussels (Schedl 1960c: 14).
Distribution: South America (Colombia).
Notes: (1) Browne 1962e: 645 (to *Neotrachyostus*).
References: (**ds**) Blackwelder 1947; Schedl 1972f: 92; Strohmeyer 1912c: 8, 1914c: 23. (**tx**) Browne 1962e: 645; Chapuis 1865: 112–114; Schedl 1960c: 14, 1972f: 92; Strohmeyer 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 1962e: 652; Kalshoven 1960: 31–50; Schedl 1939b: 397, 399, 1939k: 718, 1957d: 125; Wood, S. L. 1979a: 1, 1992b: 90.

*Costaroplatus* Nunberg 1963c: 109. Type-species: *Costaroplatus shenefelti* Nunberg, original designation. Synonymy: Wood 1979a: 1.
References: (**tx**) Nunberg 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; Strohmeyer 1912c: 14, 1914c: 26. (**tx**) Chapuis 1865: 135; Lucas 1920: 522; Schedl 1960a: 79, 1960c: 43, 1972f: 235, 1976a: 87; Strohmeyer 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 1978a: 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; Strohmeyer 1912c: 19, 1914c: 29. (**tx**) Blandford 1896e: 113; Equihua & Atkinson 1987: 23; Schedl 1972f: 235; Strohmeyer 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 praecox*.
References: (**ec**) 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 1988: 213; Ferrer 1942; Gemminger & Harold 1872: 2700; Nunberg 1963c: 107; Reichardt 1965b: 160; Schedl 1933c: 174, 1960a: 78, 1963c: 160, 1972f: 235; Strohmeyer 1912c: 14, 1914c: 26. (**tx**) Blandford 1895b: 93–95, 1896e: 112; Chapuis 1865: 230; Equihua & Atkinson 1987: 27; Schedl 1936c: 247, 1939b: 399, 1940a: 327, 1956b: 30, 1960c: 43, 1972f: 235; Strohmeyer 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; Strohmeyer 1912c: 16, 1914c: 27. (**tx**) Chapuis 1865: 249; Equihua & Atkinson 1987: 27; Schedl 1933a: 401, 1936c: 234, 1937d: 40, 1940a: 327, 1941e: 156, 1960c: 47, 1972f: 235; Strohmeyer 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; Strohmeyer 1912c: 14, 1914c: 26. (**tx**) Chapuis 1865: 232; Schedl 1959m: 556, 1960c: 43, 1972f: 235, 1978a: 59; Strohmeyer 1912c: 14, 1914c: 26.

***shenefelti* (Nunberg)** 1963c: 110 (*Costaroplatus*). Holotype ♀; Costa Rica; University of Wisconsin Collection, Madison.
Figures: Nunberg 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; Nunberg 1963c: 100, 110; Schedl 1969f: 555, 1972f: 235.

***subabditus* (Schedl)** 1935i: 47 (*Platypus*). Lectotype ♀; Guyane francaise, Saint-Laurent du Maroni; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 69.
Distribution: South America (Cayenne).
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 Francaise: St. Laurent du Maroni, St. Jean du Maroni, Nouveau Chantier; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 77.
Distribution: South America (Cayenne).
References: (**ds**) Blackwelder 1947: 791; Schedl 1972f: 235, 582. (**tx**) Schedl 1936c: 247, 1972f: 235, 1978a: 77.

## Genus *Baiocis* Browne

BAIOCIS BROWNE 1962e: 651. Type-species: *Crossotarsus pernaulus* Schedl, original designation.
References: (**ds**) Schedl 1972f: 140. (**tx**) Browne 1962e: 652; Schedl 1972f: 140–142.

***anaticeps* (Schedl)** 1969a: 215 (*Platypus*). Holotype ♂; Borneo (Kalimantan), Nunukan to Muroran (Japan), imported; PPST, Tokyo.
Distribution: Indonesia (Borneo).
Hosts: Meranti log.
References: (**ds**) Nobuchi 1977: 142; Ohno, Yoneyama, & Nakazawa 1987b: 89; Schedl 1972f: 142. (**tx**) Nobuchi 1985: 330; Schedl 1969a: 215–216, 1972f: 142.

***angusticeps* (Schedl)** 1942a: 203 (*Platypus*). Syntypes ♀; Malaya, Selangor, Ulu Gombak; BMNH, London.
Distribution: Asia (Malaya).
Hosts: *Shorea fagnetiana*.
Notes: (1) Schedl 1978a: 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, 1978a: 11.

***angustiformis* (Schedl)** 1942a: 202 (*Platypus*). Lectotype ♂; Malaya, Rotan Tunggal F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 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, 1978a: 11.

***angustipennis* (Schedl)** 1942a: 203 (*Platypus*). Lectotype ♂; Malaya, Perak, Trolak F.R.; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 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, 1978a: 11.

***angustulus* (Schedl)** 1942a: 202 (*Platypus*). Syntypes ♀; 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, 1978a: 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** 1973e: 94. Holotype ♂; Upper Manki logging area, Bulolo, Morobe District, New Guinea; CSIRO, Canberra.
Distribution: New Guinea.
References: (**tx**) Schedl 1973e: 94, 1978a: 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 1978a: 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, 1978a: 37.

*velatus* Schedl 1958k: 152 (*Platypus*). Lectotype ♂; Luzon, Mountain Province, Benguet, Mount Santo Tomas; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 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-Neu-Guinea, Hauptlager, Flusslager, Etappenberg, Mailluss; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 40.
Distribution: New Guinea.
Notes: (1) Browne 1983a: 555 (to *Baiocis*).
References: (**en**) Wylie & Shanahan 1975. (**ee**) 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 laevis*.
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: (**en**) Mathur & Singh 1961a: 39. (**ds**) Beeson 1941 (1961: 266); Browne 1961c: 211; Mathur & Singh 1961a: 39; Schedl 1972f: 198. (**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, 1961c: 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; Nobuchi 1985: 330; Schedl 1935k: 482, 1939e: 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.

***sublunaris* (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* Strohmeyer

CYLINDROPLATYPUS STROHMEYER 1911a: 174. Type-species: *Cylindropalpus africanus* Strohmeyer, 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; Strohmeyer 1911a: 174, 1912c: 21, 1914c: 12–13, 17–20, 29–30, 1918: 1–46.

***affinis* Strohmeyer** 1912f: 80. Holotype ♂; West-Usambara; Strohmeyer Collection.
Distribution: Africa (Ghana/ Tanzania/ Uganda).
Hosts: *Aningeria altissima, A. robusta, Chrysophyllum metallicum, C. natalensis, C. perpulchrum, Scorodophloeus zenkeri*.
References: (**hb**) Browne 1963a: 249; Gardner 1957: 30. (**ds**) Browne 1963a: 249; Mayne & Donis 1960: 98, 1962: 280; Schedl 1962k: 978,

1972f: 133; Strohmeyer 1912c: 21, 1914c: 30. (**tx**) Schedl 1941d: 416, 1950d: 14, 1952j: 6, 1957d: 125, 1962k: 978, 1972f: 133; Strohmeyer 1912c: 21, 1912f: 80, 1914c: 30.

***auricomans* (Schaufuss)** 1897b: 106 (*Platypus*). Holotype ♂; Kamerun; IPKE, Eberswalde.
Distribution: Africa (Cameroon/ Ghana/ Ivory Coast/ Nigeria/ Sierra Leone/ Togo/ Zaire/ Zambia).
Hosts: Browne 1963a: 249, Schedl 1962k: 969–971 (many hosts listed).
Notes: (3) Strohmeyer 1911a: 174 (described female).
References: (**an**) Roberts 1961. (**bv**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**cn**) Cachan 1958; Fougerousse 1957. (**ec**) Akanbi 1978: 123; Cachan 1957: 1–126, 1958: 393–398; Roberts 1969a; Schedl 1962k: 967; Schimitschek 1964c. (**hb**) Beaver & Loyttyniemi 1985b: 115; Browne 1961b: 23, 1962d: 94, 1963a: 249; Loyttyniemi, Beaver, & Loyttyniemi 1985: 28; Roberts 1961: 31; Schedl 1962k: 967; Thompson, G. H. 1963: 59. (**ds**) Beaver & Loyttyniemi 1985b: 115; Bletchly 1961: 15; Browne 1963a: 249, 1980c: 486, 1984b: 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; Strohmeyer 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; Strohmeyer 1911a: 174, 1912c: 19, 21, 1912f: 80, 1914c: 28.
*africanus* Strohmeyer 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. (**ec**) Mayne & Donis 1951: 335. (**ds**) Mayne & Donis 1962: 266; Strohmeyer 1912c: 21, 1914c: 30. (**tx**) Hopkins 1914: 120; Sampson 1924c: 133; Schedl 1933f: 195, 1935g: 319–320, 1937b: 407, 1937d: 42–43, 1950d: 14, 1972f: 133; Strohmeyer 1911e: 174, 1912c: 21, 1912f: 80, 1914c: 30.

***caliginosus* Roberts** 1966b: 619. Holotype ♂; Nigeria: Gyel Nyaki, Mambilla Plateau, Sardauna Privince, 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 NHMW, Wien.
Distribution: Africa (Cameroon/ Ghana/ Ivory Coast/ Nigeria/ Sierra Leone).
Hosts: *Afzelia* spp., *Anthonotha* spp., *Baphia nitida*, *Barteria nigritiana*, *Chrysophyllum lacourtianum*, *Pentaclethra eetveldeana*, *Terminalia superba*, *Triplochiton scleroxylon*.
Notes: (3) Schedl 1954d: 885 (described female).
References: (**ec**) Akanbi 1978: 123; Jover 1952: 73–81; Roberts 1969a; Schedl 1962k: 977. (**hb**) Browne 1962d: 94; Jover 1952: 73–81; Schedl 1962k: 973. (**ds**) Cachan 1957: 15, 43–50; Roberts 1968: 192, 1969b: 104–105; Schedl 1962b: 61, 1962k: 977, 1965e: 357, 1971g: 194, 1972f: 133, 1975h: 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 NHMW, 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.

***granulosus* (Schedl)** 1957d: 126 (*Platyscapulus*). Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Distribution: Africa (Ghana/ Ivory Coast/ Kenya/ Nigeria/ Ruanda/ Sierra Leone/ Tanzania/ Uganda/ Zaire).
Hosts: *Aningeria robusta*, *Anthonotha macrophylla*, *Barteria nigritiana*, *Carapa grandiflora*, *Chrysophyllum* spp., *Combretodendron macrophyllum*, *Drypetes leonensis*, *Khaya anthotheca*, *Microcos pinnatifida*, *Pachystela laurentii*, *Randia acuminata*, *Scorodophloeus zenkeri*, *Synsepalum* spp., *Tridesmostemon claessensii*.
References: (**ec**) Schedl 1958d: 197. (**ds**) Schedl 1962h: 61, 1962k: 979, 1972f: 134. (**tx**) Schedl 1957d: 125–127, 1962k: 979, 1972f: 134, 1978a: 33.
*granulosus subaffinis* Schedl 1957d: 126 (*Platyscapulus*). Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
References: (**ec**) 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.
*granulosus fratellus* Schedl 1957d: 127 (*Platyscapulus*). Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
References: (**ec**) 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. pruniforme, Drypetes leonensis, Julbernardia sereti, Pachystela laurentii, Strombosiopsis tetranda, Synsepalum longecuneatum.*
References: (**cn**) Anonymous 1970c: 12. (**ec**) 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*). Syntypes ♂♀; ♂ 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: (**ec**) Schedl 1962k: 960, 1972c: 59. (**hb**) Gardner 1957: 30; Schedl 1962k: 960. (**ds**) Browne 1984b: 288; Cachan 1957: 15; Mayne & Donis 1960: 98, 1962: 285, 288, 1984b: 288; Roberts 1968: 192, 1969: 105; Schedl 1962k: 960, 1965e: 357, 1972f: 134. (**tx**) Nunberg 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: (**ec**) Schedl 1972c: 60. (**ds**) Schedl 1972f: 134. (**tx**) Nunberg 1967b: 329; Schedl 1941d: 418, 1962k: 989, 1972f: 134, 1978a: 54.

***pertinax* (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: (**ec**) Schedl 1962k: 988. (**hb**) Schedl 1962k: 988. (**ds**) Roberts 1968: 192, 1969: 105; Schedl 1957d: 127, 1962k: 988, 1972f: 134. (**tx**) Nunberg 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 klaineana, Chrysophyllum africanum, C. lacourtianum, Irvingia gabonensis, Microdesmis puberula, Synsepalum longecuneatum.*
References: (**bv**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**ec**) Schedl 1962k: 922. (**hb**) Beaver & Loyttyniemi 1985b: 115; Browne 1963a: 250; Loyttyniemi, Beaver, & Loyttyniemi 1985: 28; Schedl 1962k: 922. (**ds**) Beaver & Loyttyniemi 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: (**ec**) 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* Strohmeyer, monobasic.
Keys: Browne 1962e: 635, 1971d: 224.
References: (**ay**) 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: 182; Nunberg 1953: 44, 1960: 287–308, 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: Nunberg 1963a: 566, Schedl 1962k: 681.

Distribution: Africa (Angola/ Cameroon/ Ghana/ Guinea/ Ivory Coast/ Kenya/ Nigeria/ South Africa/ Tanzania/ Uganda/ Zaire/ Zimbabwe).

Hosts: *Albizzia ferruginea, A. zygia, Antiaris africana, Baphia nitida, Blighia welwitschii, Bosqueia angolensis, Piptadeniastrum africanum, Sterculia rhinopetala, Strombosia pustulata, Trachylobium verrucosum, Trichilia heudelotii, 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. (**ec**) Akanbi 1978: 123; Schedl 1962k: 682. (**hb**) Browne 1963a: 253; Schedl 1962k: 682; Strohmeyer 1911a: 182. (**ds**) Beaver & Loyttyniemi 1985b: 117; Browne 1963a: 253, 1971d: 227, 1975a: 757; Menier 1973a; Roberts 1968: 189; Schedl 1962k: 682, 1966a: 276, 1971e: 4, 1972e: 285, 1972f: 248; Strohmeyer 1911a: 182, 1911f: 204, 1912c: 6, 1914c: 34. (**tx**) Browne 1971d: 227–228; Nunberg 1963a: 566, 568; Powell, W. 1987: 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; Strohmeyer 1912c: 6, 1914c: 34.

*bifurcus* 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* Nunberg 1960b: 306. Holotype ♂; Tanganyika Terr., Handeni, 350 m; MRCB, Tervuren.

Notes: (3) Browne 1971d: 228 (treated as a subspecies).

References: (**bv**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**hb**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**tx**) Browne 1971d: 228–229; Nunberg 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 & Loyttyniemi 1985: 118. Holotype ♂; Zambia: Chati, Kitwe; BMNH, London.

Distribution: Africa (Zambia).

References: (**bv**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**hb**) Beaver & Loyttyniemi 1985b: 118; Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**ds**) Beaver & Loyttyniemi 1985b: 118.

***caliginosus* Roberts** 1966b: 634. Holotype ♂; Nigeria: Boshi Extension F.R.; BMNH, London.

Distribution: Africa (Nigeria/ an apparent separate geographical race in Ghana, Zaire).

Hosts: *Bosqueia angolensis, Deinbollia* sp., *Pausinystalia macroceras, Piptadeneastrum africanum, Pittosporum viridiflorum, Rauwolfia vomitoria, Santiria trimera, Schefflera manni, 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: Yangambi; MRCB, Tervuren.

Notes: (1) Distribution: Ghana and Zaire.

References: (**tx**) Browne 1971d: 233.

***elongatus* Schedl** 1954e: 83. Lectotype ♂; Mpraeso [Ghana]; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 27.

Figures: Nunberg 1963a: 570.

Distribution: Africa (Ghana/ Nigeria).

Hosts: *Albizzia zygia, Bussea occidentalis, Cleistopholis patens, Piptadeneastrum 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; Nunberg 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, Nunberg 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/ Zaire/ Zambia/ Zimbabwe).

Hosts: *Afromosia elata, Afzelia cuanzensis, Albizzia gummifera, Alstonia boonei, Antiaris welwitschii, Bosqueia angolensis, Celtis mildbraedii, Daniellia oliveri, Drypetes gossweileri, Ekebergia* sp., *Entandrophragma* sp., *Erythrophleum 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 & Loyttyniemi 1985b: 119. (**ds**) Beaver & Loyttyniemi 1985b: 119; Browne 1971d: 230, 1983a: 556; Mayne & Donis 1960: 100, 1962: 292; Roberts 1968: 189, 1969: 122; Schedl 1933f: 200, 1938d: 452, 1975h: 351; Wood, S. L. 1957e: 1272. (**tx**) Browne 1971d: 219, 230; Nunberg 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*). Syntypes ♂; 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 1968: 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: (**cn**) Curry 1958b: 128–132. (**cc**) 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; Nunberg 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; Nunberg 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 Collection in NHMW, Wien, designated by Schedl 1978a: 27. Synonymy: Schedl 1962k: 685.
References: (**tx**) Nunberg 1963a: 566, 568; Schedl 1935g: 314, 1937d: 35–36, 1939b: 390, 1941e: 154, 1962k: 685, 1972f: 248, 1978a: 27.

***pilosulus* (Schedl)** 1933f: 200 (*Crossotarsus*). Syntypes ♂; Equator: Flandria and Haut-Uele: Moto; MRCB, Tervuren, and Schedl Collection in NHMW, Wien.
Figures: Nunberg 1963a: 570.
Distribution: Africa (Central African Republic/ Nigeria/ Sierra Leone/ Zaire).
Hosts: *Piptadeniastrum africanum*.
Notes: (3) Nunberg 1963a: 569 and Browne 1971d: 225 (a good species), Schedl 1941d: 413, 1972f: 248 (=*marshalli*).
References: (**ds**) Browne 1971d: 225, 1980c: 486, 1980d: 493; Roberts 1969: 121; Schedl 1933f: 200, 1938d: 452, 1943c: 69; Wood, S. L. 1957e: 1272. (**tx**) Browne 1971d: 225; Nunberg 1963a: 569–570; Schedl 1933f: 200, 1935e: 153, 1935g: 314, 1937d: 35–36, 1941d: 381–413, 1941e: 153.

## Genus *Mesoplatypus* Strohmeyer

MESOPLATYPUS STROHMEYER 1912: 78. Type-species: *Mesoplatypus grandiclava* Strohmeyer, monobasic.
Keys: Browne 1962e: 655.
References: (**bv**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**hb**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28; Schedl 1972f: 166. (**ds**) Schedl 1972f: 166. (**tx**) Browne 1962e: 649, 655, 1965a: 206, 1972a: 184; Hopkins 1914: 124, 133, 1915c: 227; Nunberg 1953: 44, 1965a: 385; Schedl 1939b: 402–403, 1957d: 128, 1962k: 995, 1963j: 483, 1965e: 349–379, 1972f: 166–168; Strohmeyer 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* Nunberg** 1969a: 400. Holotype ♂; Bingerville [Ivory Coast]; MRCB, Tervuren.
Distribution: Africa (Ivory Coast).
Notes: (3) Schedl 1972q: 264 (=*nigeriensis*, *venustus*), Beaver & Loyttyniemi 1985: 115 (a good species).
References: (**ds**) Schedl 1972f: 168. (**tx**) Beaver & Loyttyniemi 1985: 115; Nunberg 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 (=*nigeriensis*), Browne 1972: 111 and Beaver & Loyttyniemi 1985: 115 (a good species).
References: (**ds**) Roberts 1968: 192. (**tx**) Beaver

& Loyttyniemi 1985b: 115; Browne 1972c: 111; Roberts 1965: 226, 1972f: 168.

***curvidens* Browne** 1980e: 777. Holotype ♂; Zaire: Park National Albert, secteur nord, Humga, affl. rive droite Semliki, 1050 m; MRCB, Tervuren.
Distribution: Africa (Zaire).
References: (**tx**) Browne 1980e: 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.

***erinaceus* Schedl** 1957d: 130. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: *Tridesmostemon claessensii*.
References: (**ay**) Menier 1976: 348. (**bv**) Menier 1976: 348. (**ds**) Mayne & Donis 1962: 278; Schedl 1962k: 996, 1966c: 233, 1972f: 168. (**tx**) Nunberg 1965a: 387; Schedl 1957d: 130, 1962k: 996, 1966c: 238, 1972f: 168, 1978a: 28.

***flavescens* (Strohmeyer)** 1912f: 85 (*Crossotarsus*). Syntypes ♂♀; Mkulusumi-Berg (Deutsch-Ost-Afrika) und West-Usambara; 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.

***grandiclava* 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; Nunberg 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, Bosqueia angolensis, Ficus* sp., *Garcinia polyantha, Parinari holstii, Syzygium* sp.
References: (**hb**) Schedl 1962k: 998. (**ds**) Roberts 1968: 192, 1969: 116; Schedl 1962k: 998, 1972f: 168. (**tx**) Nunberg 1965a: 388; Schedl 1957d: 128, 1962k: 998, 1972f: 168, 1978a: 39.

***parvus* Nunberg** 1967b: 333. Holotype ♂; Cote d'Ivoire, Adiopodoume; MRCB, Tervuren.
Figures: Nunberg 1967b: 333.
Distribution: Africa (Ivory Coast).
References: (**tx**) Nunberg 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., *Syzygium* sp.
Notes: (1) Browne 1970: 580 (to *Mesoplatypus*).
References: (**ds**) Schedl 1962k: 957, 1966c: 232, 1972f: 168, 1979b: 416. (**tx**) Browne 1970: 580; Nunberg 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.

***ventricornis* Schedl** 1957d: 129. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Figures: Nunberg 1967a: 338.
Distribution: Africa (Ghana/ Nigeria/ Zaire).
Hosts: *Bussea occidentalis, Celtis soyauxii, Dialium corbisieri*.
References: (**bv**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**hb**) Beaver & Loyttyniemi 1985b: 116; Browne 1963a: 253; Loyttyniemi, Beaver, & Loyttyniemi 1985: 28; Schedl 1962k: 998. (**ds**) Beaver & Loyttyniemi 1985b: 116; Browne

1963a: 253; Roberts 1968: 192, 1969: 116; Schedl 1962h: 62–63, 1962k: 998, 1972f: 168. (**tx**) Nunberg 1965a: 388; Schedl 1957d: 129, 1962k: 998–999, 1972f: 168, 1978a: 79.

*bituberculatus* Nunberg 1967a: 325. Holotype ♀; Elisabethville, Congo; MRCB, Tervuren. Synonymy: Beaver & Loyttyniemi 1985: 116.
Notes: (1) Beaver & Loyttyniemi 1985: 116 (to *Mesoplatypus*).
References: (**tx**) Beaver & Loyttyniemi 1985: 116; Nunberg 1967a: 325, 338.

***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*, *Hylodendron gabunensis*, *Monodora myristica*, *Oxystigma mannii*, *Pterocarpus osun*, *Pycnanthus angolensis*.
Notes: (3) Schedl 1965c: 376 (described female).
References: (**ds**) Schedl 1966c: 233. (**tx**) Schedl 1962k: 112, 1965c: 376, 1972f: 168, 1978a: 80.

*nigeriensis* Roberts 1964: 412. Holotype ♂; Nigeria: Cross River North Forest Reserve. Synonymy: Schedl 1972q: 264.
References: (**bv**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**hb**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**ds**) Beaver & Loyttyniemi 1985b: 115; Menier 1973a; Roberts 1968: 192, 1969: 115; Schedl 1972f: 168. (**tx**) Browne 1972c: 111; Roberts 1964: 412; Schedl 1972f: 168, 1972q: 264.

## Genus *Doliopygus* Schedl

DOLIOPYGUS SCHEDL 1939b: 402–403. Type-species: *Crossotarsus bohemani* Chapuis, subsequent designation by Schedl 1972f: 143.

*Scutopygus* Nunberg 1966a: 187, 189. Type-species: *Crossotarsus rapax* Sampson, subsequent designation by Wood 1992a: 90.
References: (**tx**) Nunberg 1966a: 187, 189; Wood, S. L. 1992a: 90.

*Pygodolius* Nunberg 1966a: 188–189. Type-species: *Crossotarsus vegrandis* Sampson, subsequent designation by Wood 1992a: 90.
References: (**tx**) Nunberg 1966a: 188–189; Wood, S. L. 1992a: 90.

*Mixopygus* Nunberg 1966a: 188. Type-species: *Crossotarsus conradti* Strohmeyer, subsequent designation by Wood 1992a: 90.
References: (**tx**) Nunberg 1966a: 188; Wood, S. L. 1992a: 90.

*Mesopygus* Nunberg 1966a: 187–188. Type-species: *Crossotarsus nkereweensis* Schedl, subsequent designation by Wood 1992a: 90.
References: (**tx**) Nunberg 1966a: 187–188; Wood, S. L. 1992a: 90.

Keys: Schedl 1972f: 145 (to species groups only).

References: (**ay**) Nobuchi 1969a: 69. (**hb**) Curry 1958: 128–132; Schedl 1972f: 143–146. (**ds**) Schedl 1972f: 143–146. (**tx**) Browne 1962c: 648, 1972a: 182; Nunberg 1966a: 185; Schedl 1939b: 402–403, 1957d: 1–162, 1962k: 744, 1965c: 52, 1965e: 349–379, 1972f: 143–146.

***abbreviatus* (Strohmeyer)** 1911g: 224 (*Crossotarsus*). Holotype ♂; Kamerun; Strohmeyer Collection.
Distribution: Africa (Cameroon/ Nigeria)
References: (**ec**) Roberts 1969a. (**ds**) Roberts 1968: 190, 1969b: 106; Schedl 1972f: 157; Strohmeyer 1912c: 7, 1914c: 34. (**tx**) Schedl 1962k: 825, 1972f: 157; Strohmeyer 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, 1978a: 9.

***acutespinatus* Nunberg** 1966a: 190. Holotype ♂; Congo: Kivu, foret Biambwe, terr. Lubero, 950 m; MRCB, Tervuren.
Figures: Nunberg 1966a:pl. 2, figs. 1–3.
Distribution: Africa (Zaire).
References: (**tx**) Nunberg 1966a: 190.

***aduncus* Schedl** 1961d: 178. 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: (**ec**) Roberts 1969a. (**hb**) Browne 1963a: 254. (**ds**) Browne 1963a: 254, 1972c: 99; Roberts 1968: 191, 1969b: 106; Schedl 1962h: 61, 1962k: 885, 1972f: 162. (**tx**) Nunberg 1966a: 186; Schedl 1961d: 178, 1962k: 885, 1965g: 21, 1972f: 162, 1978a: 9.

***aequalidentatus* Schedl** 1966a: 377. Holotype ♂; Congo ex belge-Elisabethville; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire/ Zambia).
References: (**bv**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**hb**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**ds**) Beaver & Loyttyniemi 1985b: 123; Schedl 1972f: 149. (**tx**) Schedl 1965a: 377, 1972f: 149, 1978a: 10.

*semimitratus* Nunberg 1966a: 193. Holotype ♀; Congo: Elisabethville; MRCB, Tervuren. Synonymy: Beaver & Loyttyniemi 1985: 123.
References: (**tx**) Beaver & Loyttyniemi 1985: 123; Nunberg 1966a: 193.

***alternans* (Strohmeyer)** 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; Strohmeyer 1912c: 7, 1914c: 34. (**tx**) Nunberg 1966a: 186; Roberts 1966b: 620, 1969b: 106; Sampson 1924: 127; Schedl 1962k: 826, 1110, 1972f: 157; Strohmeyer 1911g: 224, 1912c: 7, 1914c: 34.

***angolensis* Schedl** 1959p: 26. Holotype, sex?; Dundo, Angola; MRCB, Tervuren.
Distribution: Africa (Angola/ Nigeria/ Zaire).
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, 1978a: 11.

***arrowi* (Schedl)** 1937b: 406 (*Crossotarsus*). Lectotype ♂; N. Rhodesia, N'Change, Belgisch Kongo; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 12.
Figures: Schedl 1962k: 927, 1972f: 150.
Distribution: Africa (Zaire/ Zambia/ Zimbabwe).
References: (**bv**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**hb**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**ds**) Beaver & Loyttyniemi 1985b: 123; Schedl 1938d: 451, 1962k: 927, 1972f: 149. (**tx**) Nunberg 1966a: 187; Schedl 1937b: 406, 1938d: 451, 1957d: 136, 1962k: 927, 1972f: 149–150, 1978a: 12.

***artespinatus* (Schedl)** 1935g: 318 (*Crossotarsus*). Holotype ♂; Belgian Congo; Schedl Collection in NHMW, Wien.
Distribution: Africa (Gabon/ Ghana/ Nigeria/ Uganda/ Zaire).
Hosts: Schedl 1962k: 746 (23 host species listed).
Notes: (3) Schedl 1936b: 131, 1957d: 130 (described female).
References: (**cc**) Schedl 1962k: 745. (**hb**) Schedl 1962k: 745. (**ds**) Mayne & Donis 1960: 96, 1962: 266; Nunberg 1964a: 237; Roberts 1961a: 39–43; Schedl 1962h: 61, 1962k: 745, 1967e: 221, 1972f: 153. (**tx**) Nunberg 1966a: 186; Powell, W. 1987: 27; Schedl 1935g: 318–319, 1936b: 131, 1936e: 50, 1939g: 168, 1957d: 130, 1962h: 61, 1962k: 745, 1972f: 153, 1978a: 12.

*bituberculatus* Schedl 1936b: 134 (*Crossotarsus*). Holotype ♀; Kongo; Schedl Collection in NHMW, Wien. Synonymy: Schedl 1957d: 131.
References: (**tx**) Nunberg 1967b: 338; Schedl 1936b: 134, 1939g: 168, 1957d: 130, 1978a: 16.

*caliginosus* Roberts 1966: 620. Holotype ♂; Nigeria: Boshi 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* (Strohmeyer)** 1911g: 222 (*Crossotarsus*). Syntypes ♂♀; Deutsch-Ost-AFrika; MNB, Berlin, Strohmeyer Collection.
Figures: Schedl 1962k: 948–949, 1972f: 164.
Distribution: Africa (Kenya/ Nigeria/ Ruanda/ Tanzania/ Zaire).
Hosts: *Cephalosphaera usambarensis, Pachystela laurentii, Polyscias kikuyuensis*. Schedl 1962k: 950–951 (15 host species listed).
References: (**hb**) Strohmeyer 1911a: 182. (**ds**) Gardner 1957a; Schedl 1962k: 947, 1971e: 4, 1972f: 163; Strohmeyer 1911a: 182, 1912c: 7, 1914c: 35. (**tx**) Nunberg 1966a: 187; Powell, W. 1987: 27; Schedl 1935g: 319, 1937d: 35–36, 1941d: 411, 1941e: 154, 1957d: 144, 1962h: 64, 1962k: 947–948, 1972f: 163–164; Strohmeyer 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 1978a: 39 (citation of holotype invalid). (3) Schedl 1972f: 163 (treated as a subspecies of *bidentatus*).
References: (**cn**) Browne 1968: 247. (**hb**) Browne 1968: 247. (**ds**) Browne 1968: 247; Gardner 1957a: 28. (**tx**) Nunberg 1966a: 187; Powell, W. 1987: 27; Schedl 1941d: 408, 411, 1952j: 6, 1957d: 144, 1962h: 65, 1962k: 955, 1972f: 163, 1978a: 39.

*bidentatus posticalis* Schedl 1957d: 144. Lectotype ♂; Ruanda et du Congo Belge; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 15.
References: (**cc**) 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**) Nunberg 1966a: 189; Schedl 1957d: 144, 1962k: 949, 1972f: 163–164, 1978a: 15.

*leleupi* Nunberg 1960b: 305. Holotype ♂; Tanganyika Terr., Bunduki, Uluguru Mts., 1300 m; MRCB, Tervuren. Synonymy: Schedl 1972f: 163.
References: (**tx**) Nunberg 1960b: 300, 304, 1966a: 197; Schedl 1962h: 64, 1972f: 163.

*uluguruensis* Nunberg 1960b: 306. Holotype, sex?; Tanganyika Terr.: Uluguru Mts., vallee de l'Ululu-Ndogo, 1500 m; MRCB, Tervuren. Synonymy: Schedl 1972f: 163.
References: (**tx**) Nunberg 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 utilus, Tieghmella hecklii.*
References: (**ds**) Schedl 1972f: 149. (**tx**) Roberts 1970b: 474; Schedl 1972f: 149.

***bijunctspinae* Roberts** 1970b: 475. Holotype ♂; Sierra Leone: Gola West Forest Reserve; BMNH, London.
Distribution: Africa (Sierra Leone).
Hosts: *Ochthocosmus 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/ Zaire).
Hosts: *Antrocaryon micraster, Dialium* spp., *Distemonanthus benthamianus, Klaineanoxa gabonensis, Lindackeria dentata, Macaranga* sp., *Pentaclethra macrophylla, Pycnanthus angolensis, Strombosia scheffleri.*
Notes: (3) Schedl 1950d: 36 (described female).
References: (**ec**) Schedl 1962k: 748. (**hb**) Schedl 1962k: 748. (**ds**) Cola 1973; Mayne & Donis 1962: 267; Schedl 1962k: 748, 1972a: 153. (**tx**) Nunberg 1966a: 186; Schedl 1936b: 127–128, 1950d: 36, 1957d: 133, 142, 1962k: 748, 1972a: 153, 1978a: 16.
*dialiumi* Roberts 1966: 221. Holotype ♂; Nigeria: Alade; 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, Hembe-Bitale; MRCB, Tervuren.
Distribution: Africa (Nigeria/ Ruanda/ Zaire).
Hosts: *Beilschmiedia lousii, Berlinia* sp., *Diospyros* sp., *Lovoa trichiliodes, Radlkofera* sp.
References: (**ec**) Schedl 1958d: 196, 1962k: 928. (**hb**) Schedl 1958d: 196, 1962k: 928. (**ds**) Roberts 1968: 191, 1969b: 107; Schedl 1962k: 928, 1972f: 150. (**tx**) Nunberg 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/ Zaire/ Zambia/ Zimbabwe).
Notes: (3) Schedl 1971e: 15 (described female).
References: (**ec**) Roberts 1969b: 107. (**ds**) Browne 1975b: 395; Fahraeus 1871: 661; Schedl 1938d: 451, 1943c: 69, 1962k: 750, 1965e: 358, 1968b: 145, 1971e: 5, 15, 1971f: 150, 1972f: 153, 1975h: 351, 1982: 279; Strohmeyer 1911f: 204, 1912c: 6, 1914c: 34. (**tx**) Browne 1962e: 648; Chapuis 1865: 93; Nunberg 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; Strohmeyer 1911f: 204, 1912c: 6, 1914c: 34.

***bothrocephalus* (Strohmeyer)** 1907g: 29 (*Crossotarsus*). Holotype ♀; Tanga, Ostafrika; Strohmeyer Collection.
Distribution: Africa (Tanzania).
References: (**ds**) Nunberg 1960a: 301; Schedl 1972f: 112; Strohmeyer 1912c: 7, 1914c: 35. (**tx**) Nunberg 1960: 301, 1966a: 186; Schedl 1962k: 1060, 1123, 1972f: 112; Strohmeyer 1907g: 29, 1912c: 7, 1914c: 35.

***brevis* (Strohmeyer)** 1911g: 228 (*Crossotarsus*). Holotype ♂; Kamerun; Strohmeyer Collection.
Distribution: Africa (Cameroon/ Ghana/ Ivory Coast/ Tanzania).
Hosts: *Afzelia africana, Albizzia zygia, Antiaris africana, Blighia sapida, Bosqueia angolensis, Bussea occidentalis, Castilloa* sp., *Celtis mildbraedii, Cylicodiscus gabunensis, Entandrophragma utile, Ficus exasperata, Guarea cedrata, Hexalobus africanus, Hymenostegia afzelii, Lonchocarpus sericeus, Morus mesozygia, Panda oleosa, Sterculia rhinopetala, Strombosia glaucescens, Terminalia ivorensis, T. superba, Trichilia heudelotii, Vernonia* sp.
References: (**en**) Kleine 1932a: 310, 401. (**hb**) Aulmann 1912: 58, 1913: 1–126; Browne 1963a: 254; Kleine 1932a: 310, 401; Strohmeyer 1911a: 182. (**ds**) Browne 1963a: 254; Cachan 1957: 15; Kleine 1932a: 310, 401; Mayne & Donis 1962: 267; Schedl 1959p: 22, 1962k: 898, 1972f: 147; Strohmeyer 1911a: 182, 1912c: 6, 1914c: 34. (**tx**) Nunberg 1966a: 187; Schedl 1951p: 40, 1952i: 30, 1954d: 873, 1957d: 142, 1962k: 898, 1972f: 147; Strohmeyer 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, Millettia thonningii.*
References: (**ec**) Roberts 1969a. (**ds**) Roberts 1968: 191; Schedl 1971g: 194, 1972f: 151. (**tx**) Schedl 1962k: 1110, 1972f: 151, 1978a: 17.
*bulbosus* 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: 872, 1972f: 151, 1978a: 17.
*umbonatus* Browne 1965a: 208. Holotype ♂; Ghana: Kumasi; BMNH, London. Synonymy: Schedl 1972f: 151.
References: (**tx**) Browne 1965a: 208; 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**) Nunberg 1966a: 186; Schedl 1957d: 132, 1962k: 751, 1972f: 153, 1978a: 18.

***chapuisi* (Duvivier)** 1891: 377 (*Crossotarsus*). Holotype ♀; Ibembo, Congo; not given.
Figures: Browne 1972c: 112, Nunberg 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; Strohmeyer 1918: 8. (**bv**) Meixner 1937: 1217; Menier 1976: 348. (**cn**) Anonymous 1953j: 25; Browne 1968b: 246; Mayne & Donis 1951: 335. (**cc**) Anonymous 1953j: 25; Fuller 1958: 100; Jover 1952: 73–81; Mayne & Donis 1951: 335; Roberts 1969a. (**hb**) Beaver & Loyttyniemi 1985b: 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 & Loyttyniemi 1985b: 125; Browne 1963a: 255, 1968b: 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, 1960e: 35–37, 1960f: 39, 1968: 189, 1969b: 107–108; Schedl 1933f: 196, 1959p: 22, 1962h: 62–64, 1962k: 751, 1964j: 42, 1965c: 358, 1966c: 231, 1967e: 221, 1971g: 194, 1972e: 285, 1975b: 351, 1979b: 416; Strohmeyer 1912c: 6, 1914c: 34; Thompson, G. H. 1963: 40. (**tx**) Browne 1972c: 112; Duvivier 1891: 377, 386; Meixner 1937: 1217; Nunberg 1966a: 186, 197; Powell, W. 1987: 27; Sampson 1924: 125–126; Schaufuss 1897b: 104–105, 1905: 103; Schedl 1933f: 196, 1936e: 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; Strohmeyer 1911f: 204, 1912c: 6–7, 1914c: 34, 1918: 12–41.
*maculatus* Schaufuss 1897b: 104 (*Crossotarsus*). Syntypes ♂♀; Sierra Leone; Hamburg Museum, lost. Synonymy: Schedl 1972f: 153.
References: (**ds**) Strohmeyer 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 1978a: 19.
References: (**ds**) Schedl 1972f: 153. (**tx**) Schedl 1962k: 757, 1972f: 153, 1978a: 19.
*bugiriensis* Nunberg 1960a: 301. Holotype ♂; Uganda: Bugiri Terr., Longido, Masai District; MRCB, Tervuren. Synonymy: Schedl 1962h: 64.
References: (**tx**) Nunberg 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; Nunberg 1966a: 187; Schedl 1948c: 667, 1962k: 826, 1972f: 157, 1978a: 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; Nunberg 1966a: 187; Schedl 1952i: 56–57, 1954d: 873, 1955f: 261, 1962h: 62, 1962k: 841, 1115, 1972f: 158, 1978a: 38.

***clarus* (Schedl)** 1936b: 132 (*Crossotarsus*). Syntypes ♀; Belg. Kongo, Diobo, and Likimi-Mimbo; Collart Collection, and Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
Hosts: *Oxystigma oxyphyllum.*
Notes: (1) Schedl 1978a: 20 (citation of holotype invalid).
References: (**ds**) Schedl 1962k: 875, 1972a: 160. (**tx**) Nunberg 1966a: 186; Schedl 1936b: 131–132, 1952i: 45, 1962k: 875, 1972f: 160, 1978a: 20.

***coelocephalus* (Schaufuss)** 1905: 103 (reprint p. 5) (*Crossotarsus*). Holotype ♀; Camerunia; Hamburg Museum, lost.
Distribution: Africa (Cameroon/ Gabon/ Ghana/ Kenya/ Nigeria/ Uganda/ Zaire).
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 1968: 189, 1969b: 108; Schedl 1933f: 196, 1962h: 62, 1962k: 757, 1966c: 231, 1972f: 153; Strohmeyer 1912c: 6, 1914c: 34. (**tx**) Nunberg 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; Strohmeyer 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* Nunberg 1960a: 303. Type not designated; type locality and repository not stated, nomen nudum (?). Synonymy: Schedl 1962h: 64.
References: (**tx**) Nunberg 1960a: 300, 1960b; Schedl 1962h: 64, 1972f: 153.

***congonus* Browne** 1972c: 115. Holotype ♂; Congo-Kinshasa: Yangambi; MRCB, Tervuren.
Distribution: Africa (Zaire).
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/ Zaire).
Hosts: *Julbernardia sereti*.
References: (**ds**) Schedl 1962k: 876, 1972f: 160. (**tx**) Nunberg 1966a: 186; Schedl 1957d: 140, 1962k: 876–877, 1972f: 160–161, 1978a: 21.

***conradti* (Strohmeyer)** 1911g: 227 (*Crossotarsus*). Syntypes ♂♀; Kamerun; MNB, Berlin, Strohmeyer 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/ Zaire).
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 1968: 246; Kudler 1978: 16; Thompson, G. H. 1960; Webb & Jones 1958: 383. (**ec**) Anonymous 1953j: 25; Browne 1961e: 10, 1962d; Farris & Funk 1965: 531; Roberts 1969b: 108; Schedl 1958d: 195–196, 1962k: 852. (**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: 852; Thompson, G. H. 1963: 40; Webb & Jones 1958: 383. (**ds**) Browne 1961e: 10, 1963: 256, 1968: 246; Cachan 1957: 5–6, 15, 43–53; Ferreira 1965: 1131; Gardner 1957a: 28; Jones, Roberts, & Baker 1959: 13–52; Jover 1952: 73–81; Kolbe 1897: 283; Mayne & Donis 1960: 96, 1962: 268; Roberts 1960b: 35, 1960e, 1960f, 1968: 191; Schedl 1959p: 22, 1962k: 852, 1965e: 358, 1965g: 21, 1971g: 194, 1972e: 285, 1972f: 159, 1979b: 417; Strohmeyer 1912c: 6, 1914c: 34; Thompson, G. H. 1960, 1963: 40; Tordo 1957: 9; Webb & Jones 1957: 25–40. (**tx**) Nunberg 1966a: 186; Powell, W. 1987: 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; Strohmeyer 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: (**ec**) Jover 1952. (**hb**) Jover 1952. (**ds**) Gardner 1957a; Mayne & Donis 1960: 98, 1962: 278; Schedl 1933f: 201, 1938d: 451. (**tx**) Nunberg 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: Nunberg 1966a: 187.
Distribution: Africa (Nigeria/ Zaire).
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**) Nunberg 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: Nunberg 1966a: 187.
Distribution: Africa (Cameroon/ Congo/ S Egypt/

Gabon/ Kenya/ Malawi/ Mozambique/ Senegal/ South Africa/ Tanzania/ Zaire/ Zambia/ Zimbabwe).
Hosts: *Pterocarpus angolensis*.
References: (**cn**) Anonymous 1970c: 11. (**ds**) Anonymous 1970c: 11; Beaver & Loyttyniemi 1985b: 130; Browne 1972c: 99, 1984b: 288; Schedl 1938d: 451, 1962h: 62, 1962k: 878, 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; Nunberg 1966a: 187; Powell, W. 1987: 27; Sampson 1922: 139, 1924c: 126; Schaufuss 1905: 103; Schedl 1936e: 51, 1937b: 406, 1937d: 35, 1939a: 468–469, 1939b: 403, 1941e: 154, 1952i: 26–27, 1953g: 244, 1957b: 152, 1960c: 12, 1962k: 878, 1972f: 161; Strohmeyer 1911g: 227–228, 1912c: 6–7, 1914c: 34.

*hardenbergi* Sampson 1922a: 137 (*Crossotarsus*). Holotype ♂; Portuguese East Africa: Xinavane; BMNH, London. Synonymy: Schedl 1951i: 26.
Notes: (3) Schedl 1941d: 408 (described female).
References: (**ds**) Gardner 1957a; Schedl 1933f: 198. (**tx**) Sampson 1922a: 137–139, 1924c: 126; Schedl 1933f: 198, 1937b: 406–407, 1937d: 35, 1941d: 408, 1950d: 12, 1951i: 26–27, 1956a: 35, 1972f: 161, 1978a: 35.

***dentiventris* Browne** 1984c: 456. Holotype ♂; Ovendo (Gabon) to Nagoya (Japan), imported; BMNH, London.
Distribution: Africa (Gabon).
Hosts: *Guibourtia* sp.
References: (**tx**) Browne 1984c: 456.

***deruptus* Schedl** 1950d: 35. Holotype ♀; Rhodesien (Chirinda); Schedl Collection in NHMW, Wien.
Distribution: Africa (Zimbabwe).
References: (**tx**) Nunberg 1966a: 187; Schedl 1950d: 35, 1962k: 826, 1972f: 157, 1978a: 24.

***divaricus* (Schedl)** 1936b: 126 (*Crossotarsus*). Holotype ♂; Kamerun; Schedl Collection in NHMW, Wien.
Distribution: Africa (Cameroon/ Zaire).
Hosts: *Guarea laurentii*. Schedl 1962k: 866–867 (18 host species listed).
References: (**ds**) Browne 1987b: 334; Schedl 1962k: 871, 1972f: 160. (**tx**) Nunberg 1966a: 187; Schedl 1936b: 126–127, 1962k: 871, 1972f: 160, 1978a: 26.

*discrepans* Schedl 1952i: 38. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren. Synonymy: Schedl 1972f: 160.
References: (**ec**) Schedl 1962k: 866. (**hb**) Schedl 1962k: 866. (**ds**) Mayne & Donis 1960: 96, 1962: 268; Schedl 1962k: 866. (**tx**) Nunberg 1966a: 186; Schedl 1952i: 38, 1957d: 133, 1962k: 866, 1972f: 160, 1978a: 25.

***divisus* Browne** 1972c: 114. Holotype ♂; Congo-Kinshasa: Yangambi; MRCB, Tervuren.
Distribution: Africa (Zaire).
References: (**tx**) Browne 1972c: 114.

***dolosus* Schedl** 1950e: 216. Lectotype ♂; Congo Belge, Vieux-Kilo; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 26.
Distribution: Africa (Ivory Coast/ Nigeria/ Zaire).
Hosts: *Diospyros* sp., *Drypetes leonensis*, *Pachystela laurentii*.
References: (**ec**) Roberts 1969a. (**ds**) Cachan 1957: 15; Roberts 1968: 190, 1969b: 109; Schedl 1962k: 827, 1972f: 157. (**tx**) Nunberg 1966a: 187; Schedl 1950e: 216, 1952i: 52, 1962k: 827, 1113, 1972f: 157, 1978a: 26.

***donisi* Schedl** 1952i: 49. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Figures: Schedl 1962k: 761 (male), 1972f: 152 (male).
Distribution: Africa (Zaire).
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**) Nunberg 1966a: 186; Schedl 1952i: 49, 1962k: 760–761, 1972f: 152–153, 1978a: 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/ Ruanda/ Senegal/ South Africa/ Sudan/ Tanzania/ Uganda/ Zaire/ 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, 1961e: 8; Entwistle 1963b; Loyttyniemi, Beaver, & Loyttyniemi 1985: 28; Roberts 1960b: 21. (**cn**) Browne 1961b, 1961e: 8, 1968: 246; Jones et al. 1959: 21–52; Kudler 1978: 16; Roberts 1960b: 21, 1966a. (**ec**) Browne 1961b, 1961e: 8, 1962d; Roberts 1960b: 21, 1969a; Schedl 1962k: 761. (**hb**) Beaver & Loyttyniemi 1985b: 126; Browne 1961b: 15–27, 1961e: 8, 13, 1963a: 259, 1965b, 1968: 246; Entwistle 1963b; Jones et al. 1959: 21–52; Loyttyniemi, Beaver, & Loyttyniemi 1985: 28; Roberts 1935e: 35–37, 1961a: 39–43, 1961c: 37, 1962a: 37–38, 1962b: 241, 1969b: 109; Schedl 1962k: 761; Thompson, G. H. 1963: 41; Webb & Jones 1957: 36–40. (**ds**) Beaver & Loyttyniemi 1985b: 126; Browne 1961e: 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, 1960e, 1960f, 1966a, 1968: 190; Schedl 1938d: 451, 1959p: 23, 1962h: 62,

1962k: 761, 1964j: 42, 1965e: 358, 1965g: 21, 1965h: 112, 1966a: 276, 1966c: 231, 1971e: 5, 1971f: 150, 1971g: 194, 1972e: 285, 1972f: 154, 1975h: 351, 1979b: 417; Thompson, G. H. 1963: 41; Wichmann 1955: 97. (**tx**) Browne 1961b:pl. 1, 2; Nunberg 1966a: 186; Powell, W. 1987: 27; Sampson 1924c: 126; Schedl 1941d: 408, 1950d: 11, 1952g: 54, 1952i: 27, 1953g: 244, 1954d: 873, 1954e: 55, 1955i: 213, 1962k: 761, 1113, 1972f: 154; Strohmeyer 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. Synonymy: Schedl 1972f: 154.

References: (**ds**) Roberts 1968: 190. (**tx**) Roberts 1966b: 629; Schedl 1972f: 154.

***erichsoni* (Chapuis)** 1865: 95 (*Crossotarsus*). Syntypes ♂♀; 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/ Ruanda/ Sao Tome Island/ Sierra Leone/ South Africa/ Tanzania/ Uganda/ Zaire).

Hosts: Schedl 1962k: 830–833 (73 host species listed).

References: (**bv**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**cn**) Anonymous 1970c: 12; Browne 1968b: 247; Jones 1959a. (**cc**) Schedl 1962k: 827. (**hb**) Anonymous 1959i: 18; Beaver & Loyttyniemi 1985b: 129; Browne 1963a: 259, 1968b: 247; Jones 1959a, 1966: 127; Jones, Roberts, & Baker 1959: 13–21; Loyttyniemi, Beaver, & Loyttyniemi 1985: 29; Schedl 1962k: 827; Strohmeyer 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 & Loyttyniemi 1985b: 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, 1938d: 452, 1962k: 827, 1964j: 43, 1965e: 359, 1965g: 21, 1972f: 157; Strohmeyer 1911a: 182, 1911f: 204, 1914c: 34; Thompson, G. H. 1963: 41. (**tx**) Chapuis 1865: 24–25, 95–97; Lucas 1920: 209; Nunberg 1966a: 187; Powell, W. 1987: 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, 1948c: 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; Strohmeyer 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 & Loyttyniemi 1985: 129.

References: (**tx**) Beaver & Loyttyniemi 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/ Zaire/ 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; Nunberg 1966a: 186; Powell, W. 1987: 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 Blank [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/ Zaire/ 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**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**cn**) Thompson, G. H. 1960. (**ec**) Roberts 1969a: 110; Schedl 1962k: 776. (**hb**) Beaver & Loyttyniemi 1985b: 126; Browne 1963a: 260; Jones, Roberts, & Baker 1959: 13–14; Loyttyniemi, Beaver, & Loyttyniemi 1985: 28; Schedl 1962k: 776; Thompson, G. H. 1963: 41; Webb & Jones 1957: 37–40. (**ds**) Beaver & Loyttyniemi 1985b: 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, 1967e: 221, 1969a: 204, 1971g: 195, 1972f: 154; Strohmeyer 1911f: 204, 1912c: 6, 1914c: 34; Thompson, G. H. 1960, 1963: 41. (**tx**) Chapuis

1865: 92; Nunberg 1966a: 186; Sampson 1924c: 126; Schaufuss 1905: 103; Schedl 1933f: 197, 1936b: 131, 1937d: 35, 1941e: 154, 1953g: 244, 1954e: 48, 56–57, 1955i: 213, 1957d: 131, 1960: 12, 1962k: 776, 1113, 1972f: 154; Strohmeyer 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. 1985: 130 (described female).
References: (**bv**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**cc**) Jover 1952: 73–81. (**hb**) Jover 1952: 73–81; Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**ds**) Beaver & Loyttyniemi 1985b: 130; Cachan 1957: 6, 15; Schedl 1962k: 931, 1965g: 21, 1972f: 160. (**tx**) Nunberg 1966a: 187; Schedl 1941d: 406–407, 1951f: 40, 1952g: 55, 1954d: 873, 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**) Nunberg 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**) Nunberg 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 lacourtianum, Cynometra alexandri, Dacryodes yangambiensis*.
References: (**ds**) Gardner 1957a: 28; Mayne & Donis 1962: 270; Roberts 1968: 181, 1969b: 110; Schedl 1962k: 879, 1972f: 161. (**tx**) Nunberg 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**) Nunberg 1966a: 186; Schedl 1936b: 131, 1962k: 779, 1972f: 154, 1978a: 32.

***ghesquierei* (Schedl)** 1933f: 198 (*Crossotarsus*). Lectotype ♂; Wendji, Sankuru, Haut-Uele, 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 1968: 191, 1969b: 110; Schedl 1933f: 198, 200, 1962k: 886, 1966c: 231, 1972f: 162. (**tx**) Nunberg 1966a: 186; Powell, W. 1987: 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, G. H. 1963: 41. (**ds**) Schedl 1962k: 779, 1972f: 154; Thompson, G. H. 1963: 41. (**tx**) Nunberg 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.

***hartwigi* 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**) Nunberg 1966a: 187; Schedl 1941d: 411, 1962k: 956, 1972f: 161–162, 1978a: 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**) Nunberg 1966a: 186; Schedl 1957d: 143, 1962k: 923, 1972f: 148, 1978a: 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, 1978a: 37.

***integratus* Roberts** 1964: 409. Holotype ♂; Nigeria: Adaure; BMNH, London.
Distribution: Africa (Nigeria).
Hosts: *Crossandra* sp.
Notes: (3) Schedl 1972f: 151 (treated as a synonym of *ukereweensis*), Beaver & Loyttyniemi 1985b: 125 (a good species).
References: (**tx**) Roberts 1964: 409, 1968: 192; Roberts & Loyttyniemi 1985b: 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 1980b: 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**) Nunberg 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, 1978a: 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**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**hb**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**ds**) Beaver & Loyttyniemi 1985b: 131; Ferreira 1965: 1132; Gardner 1957a: 28; Schedl 1933f: 198–199, 1959p: 23, 1962k: 890, 1972f: 162, 1975h: 351. (**tx**) Nunberg 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, 1978a: 38.

***intritus* (Schedl)** 1939g: 167 (*Crossotarsus*). Syntypes ♂♀; 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., *Parinarium curatellifolium*.
Notes: (1) Schedl 1978a: 38 (citation of holotype invalid).
References: (**ds**) Schedl 1959q: 706, 1962k: 780, 1972f: 154. (**tx**) Nunberg 1966a: 186; Schedl 1939g: 167, 1953g: 244, 1957d: 132, 1962k: 780, 1972f: 154, 1978a: 38.

***jurioni* Schedl** 1952i: 37. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Figures: Schedl 1962k: 933.
Distribution: Africa (Cameroon/ Nigeria/ Zaire).
Hosts: *Allophyllus africanus*, *Alstonia boone*, *Blighia welwitschii*, *Carapa procera*, *Celtis brieyi*, *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**) Nunberg 1966a: 186; Schedl 1952i: 37, 1953g: 244, 1957d: 139, 1962k: 932–933, 1964j: 48, 1972f: 160, 1978a: 39.

***kakaoensis* Schedl** 1941d: 408. Holotype ♂; Kamerun, Victoria Co.; Schedl Collection in NHMW, Wien [data not given in original publication, added in Schedl 1978a: 39].
Distribution: Africa (Cameroon/ Ghana/ Zaire).
Hosts: Kakao [presumably *Theobroma cacao*].
References: (**ds**) Schedl 1972e: 285, 1972f: 158. (**tx**) Nunberg 1966a: 187; Schedl 1941d: 408, 1962k: 843, 1972f: 158, 1978a: 39.

***karii* Beaver** in Beaver & Loyttyniemi 1985b: 127. Holotype ♂; Zambia: Chati, Kitwe; BMNH, London.
Figures: Beaver & Loyttyniemi 1985b: 127.
Distribution: Africa (Zambia).
References: (**bv**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**hb**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**tx**) Beaver & Loyttyniemi 1985b: 127.

***lateralis* Schedl** 1952i: 35. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Figures: Schedl 1962k: 782, 1972f: 152.
Distribution: Africa (Nigeria/ Togo/ Zaire).
Hosts: *Anonidium mannii, Guarea laurentii, Macaranga* sp., *Mammea africana, Ongokea gore, Pterygota bequaertii, Scorodophloeus zenkeri.* Schedl 1962k: 781–782 (23 host species listed).
References: (**ec**) Schedl 1962k: 781. (**hb**) Schedl 1962k: 781. (**ds**) Mayne & Donis 1960: 96, 1962: 271; Roberts 1968: 190, 1969b: 111; Schedl 1962k: 781, 1972f: 154. (**tx**) Nunberg 1966a: 186; Schedl 1952i: 35, 1957d: 141, 1962k: 781–782, 1972f: 152, 154, 1978a: 40.

***lebruni* Schedl** 1952i: 40. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Figures: Schedl 1962k: 845.
Distribution: Africa (Nigeria/ Sierra Leone/ Zaire).
Hosts: Schedl 1962k: 844–847 (48 host species listed).
References: (**ec**) Schedl 1962k: 844. (**hb**) Schedl 1962k: 844. (**ds**) Mayne & Donis 1962: 271; Roberts 1968: 190, 1969b: 11; Schedl 1962k: 844, 1972f: 158. (**tx**) Nunberg 1966a: 187; Schedl 1952i: 40–44, 1962k: 844–845, 1972f: 158, 1978a: 40.

***lecomtei* Schedl** 1957d: 134. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Distribution: Africa (Fernando Po Island/ Nigeria/ Zaire).
Hosts: *Angylocalyx pynaertii, Guarea laurentii, Strombosia grandiflora.*
References: (**ec**) Schedl 1962k: 935, 1972c: 60. (**hb**) Schedl 1962k: 935. (**ds**) Roberts 1968: 192, 1969b: 111; Schedl 1962k: 935, 1971g: 195, 1972f: 150. (**tx**) Nunberg 1966a: 187–194; Schedl 1957d: 134, 1962k: 935, 1972f: 150, 1978a: 40.

***leferrei* Schedl** 1952i: 53. Holotype ♂; Congo Belge: Kivu, Mulungu; MRCB, Tervuren.
Figures: Mayne & Donis 1962: 272, Schedl 1962k: 785–786, 1972f: 152.
Distribution: Africa (Nigeria/ Zaire).
Hosts: Schedl 1962k: 786–788 (53 host species listed).
References: (**hb**) Schedl 1962k: 785. (**ds**) Mayne & Donis 1960: 96, 1962: 272; Roberts 1968: 190, 1969b: 111–112; Schedl 1962k: 785, 1972f: 154. (**tx**) Mayne & Donis 1962: 272; Nunberg 1966a: 186; Schedl 1952i: 53, 1962k: 785–786, 1972f: 152, 154, 1978a: 40.

***lobatus* (Schedl)** 1936b: 128 (*Crossotarsus*). Syntypes ♂♀; Ostafrika; Schedl Collection in NHMW, Wien.
Distribution: Africa (Kenya/ Tanzania/ Zaire/ Zambia).
Hosts: *Acacia lahai*, *A.* spp.
Notes: (1) Schedl 1978a: 41 (citation of holotype invalid).
References: (**ds**) Beaver & Loyttyniemi 1985b: 128; Schedl 1938d: 451, 1962k: 789, 1966c: 232, 1971e: 5, 1972f: 155. (**tx**) Nunberg 1966a: 186; Schedl 1936b: 128–129, 1938d: 451, 1939g: 167, 1962k: 789, 1972f: 155, 1978a: 41.

***malkini* Schedl** 1956a: 34. Holotype ♂; Nigeria, Ogbomosho; 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 1968: 190, 1969b: 112; Schedl 1962h: 62, 1962k: 789, 1964j: 43, 1972e: 285, 1972f: 155. (**tx**) Nunberg 1966a: 186; Schedl 1956a: 34, 1962h: 72, 1962k: 789, 1115, 1972f: 155, 1978a: 42.

***maynei* Schedl** 1952i: 45. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Figures: Schedl 1962k: 881.
Distribution: Africa (Zaire).
Hosts: *Chrysophyllum pruniferum, Erythrophleum guineense, Pterocarpus soyauxii, Scorodophloeus zenkeri, Strombosia grandifolia, S. scheffleri.*
References: (**ds**) Mayne & Donis 1960: 96, 1963: 272; Schedl 1962k: 880, 1972f: 162. (**tx**) Nunberg 1966a: 186; Schedl 1952i: 45, 1957d: 140, 1962k: 880–881, 1972f: 162, 1978a: 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/ Zaire/ 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 *brevis*), Browne 1972c: 125 (a good species).
References: (**ds**) Ferreira 1965: 1131; Mayne & Davis 1960: 96–97, 1962: 275; Roberts 1968: 191, 1969b: 107; Schedl 1959p: 22, 1962k: 913–918, 1964f: 619, 1965e: 358, 1967e: 221, 1969a: 205, 1972e: 285; Thompson, G. 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, 1978a: 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: (**cc**) Schedl 1962k: 923. (**ds**) Mayne & Donis 1960: 96, 1962: 273; Roberts 1968: 191, 1969b: 187; Schedl 1962k: 923, 1972f: 148. (**tx**) Nunberg 1966a: 187; Schedl 1952i: 31, 1957d: 143, 1962k: 923, 1972f: 148–149, 1978a: 43.

*megatoma vexator* 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: 148, 1978a: 43.

***mimicus* (Schedl)** 1933f: 198 (*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., *Bussea occidentalis*, *Celtis* spp., *Entandrophragma utile*, *Pterygota macrocarpa*, *Triplochiton scleroxylon*.

References: (**bv**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**hb**) Jones, Roberts, & Baker 1959: 13–53; Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**ds**) Browne 1972c: 119; Ferreira 1965: 1132; Gardner 1957a: 28; Schedl 1933f: 198, 1938d: 451, 1962k: 891, 1972f: 162; Tordo 1957: 10. (**tx**) Browne 1972c: 119; Nunberg 1966a: 186, 197; Powell, W. 1987: 27; Schedl 1933f: 198–199, 1936b: 127, 1941e: 154, 1950d: 4, 12, 1952g: 54, 1952i: 48, 1953g: 244, 1957b: 152–153, 1962k: 891, 1965c: 52, 1972f: 162, 1978a: 43, 77.

*unispinosus* 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: (**cc**) 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: 285, 1972f: 162, 1975h: 351, 1982: 279; Thompson, G. H. 1963: 43. (**tx**) Browne 1972c: 119; Nunberg 1959: 167, 1966a: 186; Schedl 1936b: 126–127, 1937b: 406, 1954e: 57, 84, 1955d: 270, 1960h: 111, 1962k: 895, 1119, 1972f: 162, 1978a: 77.

*unispinosus* 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: Nunberg 1966b: 197.

Distribution: Africa (Nigeria/ Zaire).

Hosts: *Dialium corbisieri*, *Terminalia superba*.

References: (**ds**) Roberts 1969b: 112; Schedl 1962k: 790, 1972f: 155. (**tx**) Nunberg 1966b: 186, 197; Schedl 1957d: 131, 1962k: 790, 1972f: 155, 1978a: 43.

***minor* Schedl** 1952i: 28. 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: 486; 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*, *Guarea thompsonii*, *Ochthocosmus africanus*.

Notes: (3) Roberts 1970b: 478 (described female).

References: (**ds**) Browne 1980b: 382; Schedl 1962h: 62, 1962k: 937, 1971f: 195, 1972f: 150, 1975h: 352. (**tx**) Nunberg 1966a: 187; Roberts 1970b: 478; Schedl 1935g: 316, 1957d: 136, 1962k: 936–937, 1972f: 150, 1978a: 44.

***mitratus* Nunberg** 1966a: 192. Holotype ♀; Congo: Elisabethville; MRCB, Tervuren.

Figures: Nunberg 1966a:pl. 2, figs. 4–6.

Distribution: Africa (Zaire).

References: (**tx**) Nunberg 1966a: 192.

***modestus* Beaver** in Beaver & Loyttyniemi 1985: 123. Holotype ♂; Zambia: Chati, Kitwe; BMNH, London.

Distribution: Africa (Zambia).

References: (**bv**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**hb**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**tx**) Beaver & Loyttyniemi 1985: 123.

***montanus* Roberts** 1966b: 626. Holotype ♂; Nigeria: Gyel Nyaki (Manbilla 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 ruppeliana, Entandophragma cylindricum. Eucalyptus* sp., *Mansonia altissima, Polyscias* sp., *Turraeanthus vignei, Warburgia ugandensis.*
References: (**cn**) Anonymous 1953j: 25; Curry 1958b: 128–132; Thompson, G. H. 1960. (**ec**) 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**) Nunberg 1966a: 187; Powell, W. 1987: 27; Schedl 1937c: 15, 1941d: 409, 1950e: 212, 215, 1952j: 6, 1954d: 873, 1954e: 56, 1957d: 138, 1962k: 847, 1972f: 158, 1978a: 45.

***nanus* (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**) Nunberg 1966a: 187; Schedl 1937d: 37, 1941d: 409, 1952j: 6, 1954e: 48, 1957d: 118, 142, 144, 1962k: 922, 1972f: 147.

***neoconjunctus* 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 gnetoides.*
References: (**tx**) Roberts 1971a: 283.

***nitens* Browne** 1970: 581. Holotype ♂; Tanzania: Lushoto, Shume Forest Reserve; BMNH, London.
Distribution: Africa (Tanzania).
Hosts: *Albizzia 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: *Bussea occidentalis, Carapa grandiflora.*
Notes: (3) Schedl 1971e: 15 (described female).
References: (**ds**) Schedl 1962k: 790, 1971e: 4, 1972f: 155. (**tx**) Nunberg 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: *Cynometra 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; Nunberg 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.

***occallescens* Schedl** 1957d: 134. Holotype ♂; Ruanda: Ihembe; MRCB, Tervuren.
Distribution: Africa (Ruanda/ Zaire).
Hosts: *Drypetes ituriensis, Syzygium parvifolium.*
References: (**ds**) Mayne & Donis 1962: 273; Schedl 1962k: 849, 1972f: 158. (**tx**) Nunberg 1966a: 187; Schedl 1957d: 134, 1962k: 849, 1972f: 158, 1978a: 49.

***octodentatus* Browne** 1980e: 778. Holotype ♂; Zaire: Kisangani; MRCB, Tervuren.
Distribution: Africa (Zaire).
References: (**tx**) Browne 1980e: 778.

***omissus* Schedl** 1957: 133. Holotype ♂; Congo Belge: Kivu, Hembe-Bitale; MRCB, Tervuren.
Figures: Schedl 1962k: 874, 1972f: 159.
Distribution: Africa (Zaire).
Hosts: *Radlkofera* sp.
Notes: (3) Schedl 1962k: 1116 (described female).
References: (**ds**) Schedl 1962k: 873, 1972f: 160. (**tx**) Nunberg 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/ Zaire/ Zambia/ Zimbabwe), Madagascar.
Hosts: *Acacia lahai, Afzelia africana, Albizzia zygia, Antiaris africana, Bussea occidentalis, Hymenostegia afzelii, Panda oleosa, Piptadeniastrum africanum, Triplochiton scleroxylon*.
References: (**bv**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**hb**) Browne 1963a: 261; Jones, Roberts, & Baker 1959: 13–53; Loyttyniemi, Beaver, & Loyttyniemi 1985: 28; Roberts 1969: 112; Thompson, G. H. 1963: 42; Webb & Jones 1957: 37, 40. (**ds**) Beaver & Loyttyniemi 1985b: 128; Browne 1963a: 261, 1972c: 100; Gardner 1957a: 29; Mayne & Donis 1962: 273; Schedl 1933f: 197–198, 1938d: 451, 1962k: 791, 1965c: 52, 1965e: 359, 1968b: 145, 1971f: 150, 1971g: 195, 1972f: 155; Thompson, G. H. 1963: 42. (**tx**) Nunberg 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 (Zaire).
Hosts: *Dacryodes yangambiensis, Pterocarpus soyauxii*.
References: (**ds**) Mayne & Donis 1962: 273; Schedl 1962k: 874, 1972f: 160. (**tx**) Nunberg 1966a: 187; Schedl 1952i: 59, 1962k: 874, 1972f: 160, 1978a: 50.

***oraelatus* 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/ Zaire).
Hosts: *Afzelia africana, Albizzia zygia, Blighia sapida, Celtis* spp., *Croton* sp., *Cynometra* sp., *Ficus exasperata, Khaya* spp., *Lonchocarpus sericeus, Mildbraediodendron 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: (**ay**) 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 1968: 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: 148 (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 1968: 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**) Nunberg 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, designaged by Schedl 1978a: 56.
Distribution: Africa (Angola/ Cameroon/ Ivory

Coast/ Mozambique/ Nigeria/ Tanzania/ Zaire/ Zambia/ Zimbabwe).
Notes: (3) Schedl 1936b: 130 and 1941d: 407 (described female).
References: (**bv**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**hb**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**ds**) Beaver & Loyttyniemi 1985b: 130; Ferreira 1965: 1132; Roberts 1968: 191, 1969b: 113; Schedl 1933f: 199, 1938d: 451, 1959p: 23, 1962h: 62, 1962k: 882, 1965g: 22, 1966c: 232, 1972f: 162, 1979b: 417. (**tx**) Nunberg 1966a: 186; Schedl 1933f: 199, 1934a: 247, 1936b: 130, 1937b: 407, 1937d: 35, 1941d: 407, 1941e: 153, 1952g: 55, 1962h: 62, 1962k: 882, 1117, 1972f: 162, 1978a: 56.

***praemorsus* (Dalman)** 1823: 82 (*Platypus*). Holotype ♂; Sierra Leona; 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, 1978a: 57.

***propinquus* Schedl** 1954e: 83. Lectotype ♂; Mpraeso; Schedl Collection in NHMW, Wien.
Distribution: Africa (Ghana/ Guinea/ Ivory Coast/ Nigeria/ Sierra Leone/ Zaire).
Hosts: *Albizzia* spp., *Celtis mildbraedii*, *Cola* sp., *Entandrophragma utile*, *Hymenostegia afzelia*, *Mammea africana*, *Pentaclethra macrophylla*, *Piptadenia africana*, *Piptadeniastrum africanum*, *Strombosia glaucescens*.
References: (**cn**) Anonymous 1953j: 25. (**ec**) 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 1968: 190; Schedl 1962h: 62, 1962k: 793, 1965e: 359, 1966a: 276, 1972f: 155; Thompson, G. H. 1963: 42. (**tx**) Nunberg 1966a: 186; Schedl 1954e: 57, 83, 1962k: 793, 1972f: 155, 1978a: 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, 1978a: 57.

***proximus* Schedl** 1957d: 137. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Distribution: Africa (Cameroon/ Fernando Po Island/ Ghana/ Nigeria/ Zaire/ Zambia/ Zimbabwe).
Hosts: *Bussea occidentalis*, *Guarea laurentii*, *Strombosia grandifolia*, *S. scheffleri*.
Notes: (1) Originally named as a subspecies of *ukereweensis*. Beaver & Loyttyniemi 1985: 124 (raised to species rank).
References: (**bv**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**hb**) Beaver & Loyttyniemi 1985b: 124; Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**ds**) Beaver & Loyttyniemi 1985b: 124; Mayne & Donis 1967: 278; Roberts 1968: 192; Schedl 1962h: 62, 1962k: 944, 1964f: 619, 1972e: 285, 1972f: 151. (**tx**) Beaver & Loyttyniemi 1985b: 124; Schedl 1957d: 137, 1962h: 62, 1962k: 944, 1972f: 151, 1978a: 77.

***pseudoserratus* Roberts** 1966b: 627. Holotype ♂; Nigeria: Akure; BMNH, London.
Distribution: Africa (Nigeria).
Hosts: *Cola gigantea*, *Oxystigma manni*, *Pterocarpus mildbraedii*, *Sterculia rhinopetala*.
References: (**ds**) Browne 1980c: 485; Roberts 1968: 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/ Zaire).
Hosts: Schedl 1962k: 850 (11 host species listed). *Alstonia congensis*, *Klainedoxa gabonensis*, *Scorodophloeus zenkeri*.
References: (**ec**) Schedl 1962k: 849. (**hb**) Schedl 1962k: 849; Thompson, G. H. 1963: 42. (**ds**) Mayne & Donis 1960: 96, 1962: 274; Roberts 1968: 190, 1969b: 113; Schedl 1962h: 62, 1962k: 849, 1964f: 619, 1964j: 43, 1965e: 359, 1972f: 158; Thompson, G. H. 1963: 42. (**tx**) Nunberg 1966a: 187; Schedl 1952i: 52, 1954e: 57, 1962k: 849, 1972f: 158, 1978a: 59.

***pygmaeolus* Schedl** 1957d: 137. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: *Combretum oblongum*, *Julbernardia sereti*.
References: (**ds**) Schedl 1962k: 937, 1972f: 150. (**tx**) Schedl 1957d: 137, 1962k: 937, 1966a: 187, 1972f: 150, 1978a: 59.

***rapax* (Sampson)** 1924c: 127. Holotype ♂; S. Rhodesia; BMNH, London.
Distribution: Africa (Angola/ Cameroon/ Ghana/ Ivory Coast/ Kenya/ Nigeria/ Ruanda/ Sierra Leone/ Uganda/ Zaire/ 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**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**ec**) Jover 1952: 73–81; Schedl 1962k: 907–912, 1972c: 69. (**hb**) Beaver & Loyttyneimi 1985b: 121; Jover 1952: 73–81; Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**ds**) Beaver & Loyttyniemi 1985b: 121; Cachan 1957: 6, 15; Cola 1971; Gardner 1957a: 29; Mayne & Donis 1960: 96–97, 1962: 267; Nunberg 1966a: 187; Roberts 1968: 191; Schedl 1937d: 37, 1938d: 451; Thompson, G. H. 1960. (**tx**) Browne 1972c: 123; Mayne & Donis 1960: 96, 1962: 274; Nunberg 1966a: 187; Sampson 1924c: 127–128;

Schedl 1937d: 37, 1941d: 381, 1950d: 5, 1951f: 40, 1952i: 27–31, 1952j: 6–7, 1954d: 873, 1957d: 123, 142–143; 1962k: 907, 1972f: 148, 1978a: 61.

*perbrevis breviusculus* 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, Rocalnf. Henrique; Schedl Collection in NHMW, Wien.

Distribution: Africa (Principe Island in Gulf of Guinea).

References: (**ds**) Schedl 1972f: 155. (**tx**) Nunberg 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/ Zaire).

Hosts: *Barteria nigritiana, Bussea occidentalis, Celtis adolphofrederici, Chrysophyllum* sp., *Combretodendron africanum, C. macrophyllum, Macaranga* sp., *Maesopsis eminii, Oxystigma 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**) Nunberg 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/ Zaire/ 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 *ukereweensis*), 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.

*ukereweensis* Schedl 1939g: 168 (*Crossotarsus*). Syntypes ♂♀; Insel Ukerewe [Uganda] [Schedl 1978a: 77]; Conrad Collection, and Schedl Collection in NHMW, Wien. Synonymy: Beaver & Loyttyniemi 1985: 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**) Nunberg 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 *ukereweensis* 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 (Zaire).

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 trimera.*

References: (**tx**) Roberts 1970a: 68.

***schoutedeni* (Sampson)** 1924c: 123 (*Crossotarsus*). Holotype ♂; Belgian Congo: Elisabethville (Miss. Agric.); MRCB, Tervuren.

Distribution: Africa (Angola/ Zaire/ Zambia).

Notes: (1) Schedl 1972: 150 (to *Doliopygus*).

References: (**bv**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**hb**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**ds**) Beaver & Loyttyniemi 1985b: 124; Ferreira 1965: 1133; Schedl 1959p: 23, 1962k: 938, 1972f: 150. (**tx**) Nunberg 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 (Zaire).

Hosts: *Combretodendron africanum, C. macrophyllum, Pterocarpus soyauxii, Strombosia glaucescens, Tridesmostemon claessensii.*

Notes: (1) Schedl 1972f: 155 (to *Doliopygus*). (3) Schedl 1957d: 141 (described male).
References: (**ds**) Mayne & Donis 1962: 275; Schedl 1962k: 798, 1966c: 232, 1972f: 155. (**tx**) Nunberg 1966a: 186; Schedl 1936b: 133–134, 1957d: 141, 1962k: 798, 1972f: 155, 1978a: 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 1978a: 65.
Distribution: Africa (Ghana/ Senegal/ Sudan/ Zaire).
Notes: (3) Roberts 1971a: 285 (described female).
References: (**ds**) Schedl 1962k: 938, 1968b: 145, 1972f: 155, 1975h: 351. (**tx**) Nunberg 1966a: 186; Powell, W. 1987: 27; Roberts 1971a: 285; Schedl 1953g: 246, 1957d: 132, 1962k: 938, 1972k: 938, 1972f: 155, 1978a: 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/ Zaire/ Zambia/ Zimbabwe).
Hosts: Schedl 1962k: 802–807 (118 host species listed).
Notes: (1) Schedl 1941d: 381 (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 1968b: 248; Curry 1958b: 128–132; Mayne & Donis 1951: 335; Vrydagh 1947a: 9. (**ec**) Anonymous 1953j: 25; Francke-Grosmann 1956b; Jover 1952: 73–81; Mayne & Donis 1951: 335; Roberts 1960: 37–39, 1969b: 113; Schedl 1962k: 798. (**hb**) Beaver & Loyttyniemi 1985b: 128; Browne 1963a: 262, 1968b: 248; Entwistle 1963b; Jover 1952: 73–81; Schedl 1962k: 798; Thompson, G. H. 1963: 43. (**ds**) Amaro & Gouveia 1957: 100, 130, 141; Beaver & Loeyttyniemi 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: 98, 1962: 275; Menier 1973a; Roberts 1960b: 37, 1960e, 1960f, 1968: 190; Schedl 1933f: 196, 1959p: 23, 1962h: 62, 1962k: 798, 1964f: 619, 1964j: 43, 1965e: 359, 1965g: 22, 1965h: 112, 1966c: 232, 1967e: 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**) Nunberg 1966a: 186; Sampson 1924c: 125; Schedl 1933f: 196, 1935g: 318–319, 1936b: 127–132, 1936e: 51, 1937b: 407, 1937d: 35, 1939b: 394, 1941d: 381, 406–407, 1941e: 153, 1950d: 4, 11, 14, 1950e: 212, 1951e: 39, 1951f: 40, 1952g: 54, 1952i: 27, 1953g: 244–245, 1954d: 873, 1954e: 48, 57, 1955d: 270, 1962k: 798, 1118, 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 Gorongoza, Tendos du Sungoae et Riy Vunduzialt, N. Rhodesia: N'Changa, Tanganyika: Nord Rubcho; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 67.
Distribution: Africa (Bechuanaland/ Malawi/ Mozambique/ South Africa/ Tanzania/ Zaire/ Zambia/ Zimbabwe).
Hosts: *Brachystegia* sp.
Notes: (1) Schedl 1972f: 156 (to *Doliopygus*).
References: (**bv**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**hb**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**ds**) Beaver & Loyttyniemi 1985b: 129; Browne 1980c: 485; Lee 1971: 30; Schedl 1938d: 451, 1962k: 883, 1972f: 156. (**tx**) Nunberg 1966a: 186; Powell, W. 1987: 27; Schedl 1935g: 316–318, 1936b: 126, 1937c: 15, 1941e: 154, 1962k: 883, 1972f: 156, 1978a: 67.

***spectabilis* Schedl** 1952i: 44. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Figures: Schedl 1962k: 884.
Distribution: Africa (Zaire).
Hosts: Schedl 1962k: 884–885 (11 host species listed).
References: (**ds**) Mayne & Donis 1960: 98, 1962: 276; Schedl 1962k: 884, 1972f: 162. (**tx**) Nunberg 1966a: 186; Schedl 1952i: 44, 1962k: 884, 1972f: 162, 1978a: 67.

***spinidens* (Strohmeyer)** 1911g: 225 (*Crossotarsus*). Holotype ♂; Sankuru-Fluss [Zaire]; Schedl Collection in NHMW, Wien.
Distribution: Africa (Zaire).
Notes: (1) Schedl 1972f: 156 (to *Doliopygus*).
References: (**ds**) Schedl 1972f: 156; Strohmeyer 1912c: 7, 1914c: 34. (**tx**) Nunberg 1966a: 186; Schedl 1962k: 809, 1972f: 156; Strohmeyer 1911g: 225–226, 1912c: 7, 1914c: 34.

***staneri* Schedl** 1952i: 33. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Figures: Schedl 1962k: 810.
Distribution: Africa (Zaire).
Hosts: *Canarium schweinfurthii, Entaudrophragma* sp., *Guarea thompsonii, Tessmannia claessensi*.
References: (**ds**) Mayne & Donis 1960: 98, 1962: 277; Schedl 1962k: 810, 1972f: 156. (**tx**) Nunberg 1966a: 186; Schedl 1952i: 33, 1962k: 810, 1972f: 156, 1978a: 68.

***strombosiopsis* Schedl** 1957d: 137. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Distribution: Africa (Zaire).

Hosts: *Strombosiopsis tetrandra*.
References: (**ds**) Schedl 1962k: 939, 1967e: 221, 1972f: 151. (**tx**) Nunberg 1966a: 194; Schedl 1957d: 137, 1962k: 939, 1972f: 151, 1978a: 69.

***subditivus* (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/ Zaire).
Hosts: Schedl 1962k: 812–814 (28 host species listed).
Notes: (1) Schedl 1978a: 70 (citation of holotype invalid). (3) Schedl 1954d: 884 (described female).
References: (**ec**) 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**) Nunberg 1966a: 186; Schedl 1935g: 319, 1952i: 38, 1954d: 874, 885, 1954e: 84, 1957d: 131, 1962k: 811, 1972f: 156, 1978a: 70.

***subdolosus* Schedl** 1952i: 52. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: *Celtis brieyi*, *Ficus* sp., *Maba laurentii*, *Piptadenia africana*.
References: (**ds**) Mayne & Donis 1962: 277; Schedl 1962k: 851, 1972f: 158. (**tx**) Browne 1970: 581; Nunberg 1966a: 187; Schedl 1952i: 52, 1962k: 851, 1972f: 158, 1978a: 70.

***submarginatus* Schedl** 1962k: 873. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.
Distribution: Africa (Zaire).
Hosts: *Hymenocardia ulmoides*, *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, 1978a: 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**) Nunberg 1966a: 187; Schedl 1950d: 35, 1952j: 6, 1957d: 142, 1962k: 907, 1972f: 148, 1978a: 70.

***subserratus* Browne** 1980b: 389. Holotype ♂; Mtwara (Tanzania) to Nagoya (Japan), imported; BMNH, London.
Distribution: Africa (Tanzania).
Hosts: *Pterocarpus angolensis*.
References: (**tx**) Browne 1980b: 389.

***tenuis* (Strohmeyer)** 1912f: 86 (*Crossotarsus*). Holotype ♂; Mkulusumi-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/ Zaire).
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. (**ec**) 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**) Nunberg 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, 1978a: 70, 72; Strohmeyer 1911a: 182, 1912e: 7, 1912f: 86, 1914c: 34.

***terebrans* Schedl** 1964j: 48. Holotype ♂; Nigeria: Kano; BMNH, London.
Distribution: Africa (Angola/ Ghana/ Nigeria/ Senegal/ Sierra Leone/ Uganda/ Zaire).
Hosts: *Acacia dudgeoni*, *Daniellia oliveri*, *Monotes kerstingii*.
References: (**ec**) Roberts 1969a. (**hb**) Browne 1963a: 263. (**ds**) Browne 1963a: 263; Roberts 1968: 192; Schedl 1962k: 939, 1972f: 160. (**tx**) Nunberg 1966a: 186; Schedl 1962k: 939, 1964j: 48, 1972f: 160, 1978a: 73.

***togatus* (Schedl)** 1937c: 15 (*Crossotarsus*). Lectotype ♀; Rhodesia: Salisbury; Schedl Collection in NHMW, Wien, designated by Schedl 1978a: 74.
Distribution: Africa (Zambia/ Zimbabwe).
Notes: (1) Schedl 1972f: 148 (to *Doliopygus*). (3) Schedl 1972f: 148 (treated as a subspecies of *brevis*), Beaver & Loyttyniemi 1985b: 122 (described male).
References: (**bv**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**hb**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**ds**) Beaver & Loyttyniemi 1985b: 122. (**tx**) Schedl 1937c: 15, 1950d: 35, 1952j: 6, 1957d: 142, 1962k: 907, 1972f: 48, 1978a: 74.

***trichiliae* Schedl** 1957d: 132. Holotype ♂; Congo Belge: Yangambi; MRCB, Tervuren.

Distribution: Africa (Zaire).
Hosts: *Trichilia rubescens*.
References: (**ec**) Schedl 1962k: 940. (**hb**) Schedl 1962k: 940. (**ds**) Schedl 1962k: 940, 1972f: 156. (**tx**) Nunberg 1966a: 186; Schedl 1957d: 132, 1962k: 940, 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**) Nunberg 1966a: 186; Schedl 1956a: 32–35, 1962k: 885, 1972f: 162, 1978a: 76.

***uncinatus* 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**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**hb**) Loyttyniemi, Beaver, & Loyttyniemi 1985: 28. (**ds**) Beaver & Loyttyniemi 1985b: 129; Ferreira 1965: 1133; Schedl 1959p: 23, 1962h: 73, 1972f: 156. (**tx**) Nunberg 1966a: 186; Schedl 1953g: 247, 1956a: 34, 1962k: 823, 1972f: 156, 1978a: 77.

***unicornis* 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: (**ec**) Schedl 1962k: 892. (**hb**) Schedl 1962k: 892. (**ds**) Browne 1984b: 287; Cola 1971; Mayne & Donis 1960: 98, 1962: 278; Roberts 1968: 191, 1969b: 115; Schedl 1962k: 892, 1964f: 619, 1966c: 233, 1967e: 222, 1972f: 162. (**tx**) Nunberg 1966a: 186; Schedl 1952i: 48, 1954d: 874, 1957d: 130, 1962k: 892–895, 1119, 1972f: 162, 1978a: 77.

***unicus* (Schedl)** 1935g: 319 (*Crossotarsus*). Syntypes ♂; 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 1968: 190; Schedl 1962k: 851, 1972f: 158. (**tx**) Nunberg 1966a: 187; 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 1983a: 556, 1984b: 287; Roberts 1968: 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 stipitata*, *Turraeanthus africana*.
References: (**hb**) Schedl 1962k: 945. (**ds**) Schedl 1962k: 945, 1972f: 151. (**tx**) Nunberg 1966a: 187; 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: 158. (**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 1968b: 228. (**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: Kluang, Lower Perak, Bt. Tungal 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; Neumann & Harris 1974: 136. (**cn**) Beeson 1961 (1941: 254); Browne 1938b, 1952; Browne & Foenander 1937. (**hb**) Browne 1936b: 13, 1961c: 213–216, 1965b. (**ds**) Beeson 1941 (1961: 254); Browne 1961c: 213, 1980a: 371; Browne & Foenander 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)** 1896b: 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; Strohmeyer 1912c: 19, 1914c: 29. (**tx**) Blandford 1896b: 193; Browne 1962e: 650; Nobuchi 1985: 329; Schedl 1935b: 395, 1939b: 398, 1952b: 366, 1972f: 204, 1978a: 55; Strohmeyer 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"***
*Hypothenemus 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 piceae* (Ratzeburg), *Pityophthorus cephalonicae* Pfeffer, *Pityophthorus pityographus* (Ratzeburg), *Pityophthorus pubescens* (Marsham), *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 eusulcatus* Tsai & Huang, *Phlocosinus abietis* Tsai & Yin.

***Abies densa***
*Cryphalus strohmeyeri* Stebbing.

***Abies faberi***
*Ambrosiodmus rubricollis* (Eichhoff), *Cryphalus redikorzevi* Berger, *Polygraphus major* Stebbing, *Polygraphus zhungdianensis* Tsai & Yin, *Xyleborus emarginatus* Eichhoff, *Xyleborus pfeili* (Ratzeburg), *Xylosandrus germanus* (Blandford).

***Abies faxoniana***
*Cryphalus markangensis* Tsai & Li, *Cryphalus pilosus* Tsai & Li, *Cryphalus sinoabietis* Tsai & Li.

***Abies firma***
*Coccotrypes norimasanus* (Murayama), *Cryphalus jeholensis* Murayama, *Cryphalus piceae* (Ratzeburg), *Euwallacea 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 piceae* (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, *Phlocotribus lecontei* Schedl, *Pityokteines lasiocarpi* (Swaine), *Pityokteines minutus* (Swaine), *Pityophthorus absonus* Blackman, *Pityophthorus opaculus* LeConte, *Pityophthorus pseudotsugae* Swaine, *Pityophthorus solers* Blackman, *Pseudohylesinus granulatus* (LeConte), *Pseudohylesinus maculosus* Blackman, *Scierus 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 piceae* (Ratzeburg), *Polygraphus oblongus* Blandford.

***Abies nephrolepis***
*Cryphalus kurenzovi* Stark, *Dryocoetes striatus* Eggers,

*Hylastes plumbeus* Blandford, *Pityogenes scirindensis* Murayama, *Polygraphus jezoensis* Niisima, *Polygraphus miser* Blandford, *Polygraphus proximus* Blandford.

***Abies nobilis***

*Dolurgus pumilus* (Mannerheim).

***Abies nordmanniana***

*Hylurgops palliatus* (Gyllenhal).

***Abies numidica***

*Cryphalus numidicus* Eichhoff, *Crypturgus numidicus* Ferrari, *Platypus oxyurus* Dufour.

***Abies pectinata***

*Cryphalus asperatus* (Gyllenhal), *Cryphalus piceae* (Ratzeburg), *Hylurgops palliatus* (Gyllenhal), *Ips amitinus* (Eichhoff), *Phloeotribus spinulosus* (Rey), *Pityogenes irkutensis* Eggers, *Pityokteines curvidens* (Germar), *Pityokteines spinidens* (Reitter), *Pityokteines vorontzowi* (Jacobson), *Pityophthorus pityographus* (Ratzeburg), *Platypus oxyurus* Dufour.

***Abies pindrow***

*Cryphalus strohmeyeri* Stebbing, *Dryocoetes quadrisulcatus* Strohmeyer, *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 sericeus* (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 hermosus* Wood, *Scolytus mundus* Wood.

***Abies sachalinensis***

*Cryphalus laricis* Niisima, *Cryphalus piceae* (Ratzeburg), *Cryphalus yamaguchii* Inoye & 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 sinoabietis* Tsai & Li, *Crypturgus cinereus* (Herbst), *Crypturgus hispidulus* Thomson, *Crypturgus pusillus* (Gyllenhal), *Dendroctonus micans* (Kugelann), *Dendroctonus valens* LeConte, *Dryocoetes affaber* (Mannerhein), *Dryocoetes autographus* (Ratzeburg), *Dryocoetes hectographus* Reitter, *Dryocoetes pini* Niisima, *Dryocoetes rugicollis* Eggers, *Gnathotrichus materiarius* (Fitch), *Hylastes ater* (Paykull), *Hylastes nigrinus* (Mannerheim), *Hylurgops glabratus* (Zetterstedt), *Ips acuminatus* (Gyllenhal), *Ips cembrae* (Heer), *Pityogenes bidentatus* (Herbst), *Pityogenes chalcographus* (Linnaeus), *Pityogenes quadridens* (Hartig), *Pityophthorus jucundus* Blandford, *Pityophthorus micrographus* (Linnaeus), *Pityophthorus speculum* Bright, *Polygraphus horyuensis* Murayama, *Polygraphus japonicus* Numberg, *Polygraphus poligraphus* (Linnaeus), *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 strohmeyeri* Stebbing, *Crypturgus beesoni* Eggers, *Dryocoetes indicus* Stebbing, *Dryocoetes quadrisulcatus* Strohmeyer, *Hylastes brunneus* Erichson, *Ips stebbingi* Strohmeyer, *Pityophthorus deodara* (Stebbing), *Pityophthorus elatinus* Wood, *Polygraphus aterrimus* Strohmeyer, *Polygraphus pini* Stebbing, *Scolytoplatypus raja* Blandford.

***Abrus precatorius***

*Hypothenemus eruditus* Westwood.

***Abutilon mollissimum***

*Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood.

***Abutilon spp.***

*Xylosandrus compactus* (Eichhoff).

***Acacia auriculaeformis***

*Hypothenemus dimorphus* (Schedl).

***Acacia catechu***

*Euwallacea andamanensis* (Blandford), *Hypothenemus acaciae* (Eggers), *Platypus solidus* Walker.

***Acacia cavenia***

*Chramesus spinosus* Brethes.

***Acacia decurrens***

*Crossotarsus horni* Schedl, *Crossotarsus squamulatus* Chapuis, *Doliopygus excavatus* (Sampson), *Glostatus acaciae* (Schedl), *Hypothenemus eruditus* Westwood, *Platypus carinifrons* Schedl, *Platypus solidus* Walker, *Platypus solutus* Schedl, *Scolytoplatypus nitidus* Eggers, *Scolytoplatypus raja* Blandford, *Xyleborus alluandi* Schaufuss, *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky), *Xyleborus principalis* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky), *Zygophloeus australis* Schedl.

***Acacia dudgeoni***

*Doliopygus terebrans* Schedl, *Xyleborinus similans* (Eggers).

***Acacia farnesiana***

*Hypothenemus brunneus* (Hopkins), *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff).

***Acacia karroo***

*Xyleborinus aemulus* (Wollaston).

***Acacia koa***

*Crossotarsus externedentatus* (Fairmaire), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus spinulosus* Blandford.

***Acacia lahai***

*Doliopygus ghesquierei* (Schedl), *Doliopygus lefevrei* Schedl, *Doliopygus opifex* (Sampson).

***Acacia melanoxylon***

*Xyleborus affinis* Eichhoff.

***Acacia mollissima***

*Chactastus montanus* Schedl, *Scolytoplatypus eichelbaumi* Hagedorn, *Xyleborus atratus* Eichhoff, *Xyleborus clerodendronae* Schedl.

***Acacia nigra***
*Araptus sparsepunctatus* (Schedl), *Cnesinus dividuus* Schedl, *Cryptocarenus acaciae* Schedl.

***Acacia pennata***
*Coccotrypes longior* (Eggers), *Coccotrypes nubilus* (Blandford), *Euwallacea xanthopus* (Eichhoff), *Rhopalopselion acaciae* (Schedl), *Xyleborus ficus* Eggers, *Xyleborus piceus* (Motschulsky).

***Acacia pennatula***
*Cnesinus adusticus* Wood, *Cnesinus setulosus* Blandford, *Hylocurus atkinsoni* Wood, *Hypothenemus setosus* (Eichhoff), *Microcorthylus minimus* Schedl, *Pseudothysanoes contrarius* Wood.

***Acacia podalyriaefolia***
*Xyleborinus mimosae* (Schedl).

***Acacia polyphylla***
*Xyleborus spinulosus* Blandford.

***Acacia raddiana***
*Hypothenemus mateni* (Schedl).

***Acacia sieberiana***
*Hypothenemus biseriatus* (Eggers), *Rhopalopselion maculatus* (Schedl).

***Acacia* spp.**
*Acacacis abundans* Lea, *Ambrosiodmus aegir* (Eggers), *Ambrosiodmus albizzianus* (Schedl), *Ambrosiodmus camphorae* (Hagedorn), *Ambrosiodmus eichhoffi* (Schreiner), *Ambrosiodmus hagedorni* (Iglesias), *Ambrosiodmus obliquus* (LeConte), *Ambrosiodmus rubricollis* (Eichhoff), *Ambrosiodmus sakoae* (Schedl), *Chramesus acacicolens* Wood, *Chramesus disparilis* Wood, *Chramesus secus* Wood, *Chramesus strigatus* Wood, *Chramesus varius* Wood, *Cladoctonus eggersi* Wichmann. *Cladoctonus natalensis* Eggers, *Cnestus suturalis* (Eggers), *Corthylocurus mexicanus* (Schedl), *Corthylus collaris* Blandford, *Corthylus consimilis* Wood, *Corthylus flagellifer* Blandford, *Cryphalus sylvicola* (Perkins), *Doliopygus interruptus* (Sampson), *Doliopygus lefevrei* Schedl, *Doliopygus subditivus* (Schedl), *Euwallacea fornicatus* (Eichhoff), *Glostatus acaciae* (Schedl), *Hadrodemius amorphus* (Eggers), *Hylesinopsis acacicolens* Wood, *Hylesinopsis striatus* (Schedl), *Hylocurus elegans* Eichhoff, *Hylocurus inaequalis* Wood, *Hylocurus scitulus* Wood, *Hypothenemus agnatus* (Eggers), *Hypothenemus cameruanus* (Eggers), *Hypothenemus eruditus* Westwood, *Hypothenemus plumeriae* (Nordlinger), *Phlocotribus acaciae* (Lea), *Pityophthorus volvulus* Schedl, *Platypus furcatus* Blandford, *Platypus omnivorus* (Lea), *Platypus solidus* Walker, *Premnobius cavipennis* Eichhoff, *Pseudothysanoes acacicolens* Wood, *Pseudothysanoes aquilus* (Wood), *Scolytoplatypus kivuensis* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Thysanoes fimbricornis* 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 xanthophloeae* (Schedl), *Lanurgus xanthophloeae* Schedl, *Phloeocurus africanus* (Schedl).

***Acalypha neptunica***
*Xyleborus scobinatus* Hagedorn.

***Acalypha* spp.**
*Ambrosiodmus albizzianus* (Schedl), *Hypothenemus adscitus* (Schedl), *Micracis exilis* Wood, *Xyleborus alluaudi* Schaufuss, *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

***Acanthocephalus cadamba***
*Ficicis javanus* (Eggers), *Platypus labrifrons* Schedl.

***Acanthopanax ricinifolium***
*Eruoporus acanthopanaxi* (Niisima).

***Acanthopanax spinosum***
*Phloeosinus pulchellus* Blandford.

***Acanthopanax* spp.**
*Scolytoplatypus mikado* Blandford.

***Acanthus pubescens***
*Xyleborus multispinatus* Eggers.

***Acer arguntum***
*Taphroryelus mikuniyamensis* (Murayama).

***Acer babinerve***
*Indocryphalus aceris* (Niisima).

***Acer caesium***
*Scolytoplatypus darjeelingi* Stebbing, *Scolytoplatypus siomio* Blandford.

***Acer campbellii***
*Euwallacea velatus* (Sampson), *Platypus darjeelingensis* Schedl, *Platypus falcatus* Strohmeyer, *Platypus shillongensis* Schedl, *Scolytoplatypus pubescens* Hagedorn.

***Acer campestre***
*Lymantor aceris* (Lindemann), *Lymantor coryli* (Perris).

***Acer macrophyllum***
*Proeryphalus utahensis* Hopkins.

***Acer mandshuricum***
*Indocryphalus aceris* (Niisima).

***Acer mayrii***
*Dryocoetes picipennis* Eggers.

***Acer mono***
*Crossotarsus niponicus* Blandford, *Indocryphalus aceris* (Niisima), *Neoptelcobius 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* Krivolutskaya, *Hyorrhynchus lewisi* Blandford, *Indocryphalus aceris* (Niisima).

***Acer platanoides***
*Lymantor aceris* (Lindemann), *Lymantor coryli* (Perris).

***Acer pseudoplatanus***
*Lymantor aceris* (Lindemann).

***Acer pseudosieboldianum***
*Indocryphalus aceris* (Niisima).

***Acer rubrum***
*Corthylus columbianus* Hopkins, *Hypothenemus dissimilis* (Zimmermann), *Hypothenemus interstitialis* (Hopkins), *Thysanoes fimbricornis* LeConte, *Lymantor decipiens* (LeConte), *Monarthrum fasciatum* (Say), *Monarthrum mali* (Fitch), *Trischidias atomus* (Hopkins), *Xyleborus ferruginens* (Fabricius), *Xylosandrus zimmermanni* (Hopkins).

***Acer rufinerve***
*Xyleborus aquilus* Blandford, *Xyleborus seriatus* Blandford.

***Acer saccharinum***
*Corthylus columbianus* Hopkins, *Corthylus punctatissimus* (Zimmermann), *Lymantor decipiens* (LeConte), *Pityophthorus lautus* Eichhoff.

***Acer* spp.**
*Amasa amputatus* (Blandford), *Ambrosiodmus lewisi* (Blandford), *Ambrosiodmus tachygraphus* (Zimmer-

mann), *Dryocoetes padi* Stark, *Dryocoetes ussuriensis* Eggers, *Euwallacea validus* (Eichhoff), *Hylocurus torosus* Wood, *Lymantor decipiens* (LeConte), *Platypus koryoensis* (Murayama), *Scolytoplatypus daimio* Blandford, *Scolytoplatypus mikado* Blandford, *Scolytoplatypus shogun* Blandford, *Scolytoplatypus tycon* Blandford, *Scolytus belokanicus* Stark, *Scolytus koenigi* Schevyrew, *Scolytus laevis* Chapuis, *Taphrorychus leukoranus* Reitter, *Trypodendron domesticum* (Linnaeus), *Trypodendron signatum* (Fabricius), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus maiche* (Stark), *Xyleborus obesus* LeConte, *Xyleborus orientalis* Eggers, *Xyleborus sayi* (Hopkins), *Xyleborus pelliculusos* Eichhoff, *Xyleborus pfeili* (Ratzeburg), *Xylosandrus compactus* (Eichhoff), *Xylosandrus germanus* (Blandford), *Xylosandrus mutilatus* (Blandford), *Xyloterinus politus* (Say).

***Acer tataricum***
*Lymantor aceris* (Lindemann).

***Acer tegmentosum***
*Indocryphalus aceris* (Niisima).

***Acer turkestanicum***
*Scolytus tadzhikistanicus* Stark.

***Acer ukuruduense***
*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 bilunatus* Schedl, *Diapus quinquespinatus* Chapuis, *Diapus robustus* Schedl.

***Aconitum stoerkianum***
*Thamnurgus petzi* Reitter.

***Acridocarpus fraxinifolius***
*Doliopygus excavatus* (Sampson).

***Acridocarpus* spp.**
*Ambrosiodmus albizzianus* (Schedl), *Ambrosiodmus eichhoffi* (Schreiner), *Platypus madagascariensis* Chapuis.

***Acrocarpus fraxinifolius***
*Ambrosiodmus eichhoffi* (Schreiner), *Doliopygus erichsoni* (Chapuis), *Leptoxyleborus sordicauda* (Motschulsky), *Platypus errans* (Sampson), *Platypus solidus* Walker, *Platypus solutus* Schedl, *Xyleborinus forcipatus* (Schedl), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus sphenos* Sampson.

***Acrocarpus* spp.**
*Cyclorhipidion crucifer* (Hagedorn), *Doliopygus coelocephalus* (Schaufuss), *Leptoxyleborus concisus* (Blandford), *Premnobius cavipennis* Eichhoff.

***Acrocomia sclerocarpa***
*Hypothenemus seriatus* (Eichhoff).

***Actinodaphne acuminata***
*Xyleborus volvulus* (Fabricius).

***Actinodaphne lancifolia***
*Platypus calamus* Blandford.

***Actinodaphne longifolia***
*Phloeosinus kiushuensis* Murayama, *Phloeosinus lewisi* Chapuis.

***Actinophora fragrans***
*Coptodryas nugax* (Schedl), *Platypus biuncus* Blandford, *Platypus forficula* Chapuis, *Xyleborinus andrewesi* (Blandford), *Xylosandrus morigerus* (Blandford).

***Adenanthera microsperma***
*Hypothenemus eruditus* Westwood.

***Adenanthera pavonina***
*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 mancus* (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 alluaudi* Schaufuss, *Xyleborus principalis* Eichhoff.

***Adina* spp.**
*Platypus solidus* Walker, *Platypus suffodiens* Sampson.

***Adinandra dumosa***
*Euwallacea xanthopus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky).

***Adinobotrys atropurpureus***
*Platypus lepidus* Chapuis, *Xylosandrus crassiusculus* (Motschulsky).

***Aegle marmelos***
*Xyleborinus andrewesi* (Blandford), *Xyleborus adusticollis* (Motschulsky), *Xyleborus similis* Ferrari.

***Aerva sanguinolenta***
*Xyleborus piceus* (Motschulsky).

***Aesculus punduana***
*Coccotrypes cyperi* (Beeson), *Coccotrypes vulgaris* (Eggers), *Platypus secretus* Sampson.

***Aesculus* spp.**
*Hypothenemus eruditus* Westwood, *Hypothenemus interstitialis* (Hopkins), *Scolytoplatypus tycon* Blandford, *Xyleborus dispar* (Fabricius).

***Aesculus turbinata***
*Crossotarsus niponicus* Blandford, *Indocryphalus dainichiensis* (Murayama), *Platypus calamus* Blandford, *Platypus lewisi* Blandford, *Platypus modestus* Blandford, *Platypus severini* Blandford, *Xyleborus seriatus* Blandford.

***Afrormosia elata***
*Chaetastus tuberculatus* (Chapuis), *Cyrtogenius chlorophorae* (Schedl), *Doliopygus artespinatus* (Schedl), *Doliopygus conradti* (Schaufuss), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus lebruni* Schedl, *Doliopygus medius* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus spectabilis* Schedl, *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Hypothenemus eruditus* Westwood, *Platypus hintzi* Schaufuss, *Platypus solutus* Schedl, *Platypus spinulosus* (Strohmeyer), *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius).

***Afrostyrax lepidophyllus***
*Doliopygus erichsoni* (Chapuis), *Doliopygus interjectus*

Schedl, *Doliopygus rapax* (Sampson), *Euwallacea granosus* (Schedl), *Periommatus subrobustus* Schedl.

***Afzelia africana***
*Doliopygus brevis* (Strohmeyer), *Doliopygus opifex* (Sampson), *Doliopygus perbrevis* Schedl, *Pityophthorus congonus* Eggers, *Tracyostus 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 erichsoni* (Chapuis), *Doliopygus subditicus* (Schedl), *Hypothenemus marshalli* (Eggers), *Hypothenemus morigerus* (Schedl), *Platypus hintzi* Schaufuss, *Polygraphus afzeliae* Schedl, *Polygraphus carphoboroides* Eggers, *Xyleborus alluaudi* Schaufuss, *Xyleborus ustus* Schedl.

***Afzelia bijuga***
*Cryphalus scabricollis* Eichhoff, *Diapus pusillimus* Chapuis, *Ernoporus dispar* (Schedl), *Platypus jansoni* Chapuis, *Xyleborus bidentatus* (Motschulsky).

***Afzelia bipindensis***
*Doliopygus chapuisi* (Duvivier), *Doliopygus dubius* (Sampson), *Doliopygus rapax* (Sampson), *Doliopygus tenuis* (Strohmeyer), *Platypus hintzi* Schaufuss, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).

***Afzelia cuanzensis***
*Triozastus marshalli* (Sampson).

***Afzelia palembanica***
*Crossotarsus externedentatus* (Fairmaire), *Crossotarsus fractus* Sampson, *Crossotarsus inermis* Schedl, *Crossotarsus schedli* Browne, *Crossotarsus squamulatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Euwallacea destruens* (Blandford), *Euwallacea fornicatus* (Eichhoff), *Hadrodemius globus* (Blandford), *Leptoxyleborus concisus* (Blandford), *Leptoxyleborus puer* (Eggers), *Platypus cupulatus* Chapuis, *Platypus curtus* Chapuis, *Platypus lunifer* 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 afzeliae* Browne.

***Agatha vitiensis***
*Cyrtogenius fijianus* (Schedl).

***Agathis alba***
*Cyrtogenius perakensis* (Schedl), *Diapus papuanus* Schedl, *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Hypothenemus eruditus* Westwood, *Platypus cupulatus* Chapuis, *Platypus grumosus* 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 vitiensis***
*Platypus vitiensis* Roberts.

***Agave sisalana***
*Platypus cupulatus* Chapuis, *Platypus pseudocupulatus* Schedl.

***Agave spp.***
*Chramesus annectens* (Wood), *Platypus cupulatus* Chapuis, *Platypus pseudocupulatus* Schedl, *Xyleborus perforans* (Wollaston).

***Aglaia spp.***
*Crossotarsus aurcipilus* Roberts, *Crossotarsus corrugatus* Roberts, *Crossotarsus inermis* Schedl, *Crossotarsus subopacus* Schedl, *Crossotarsus terminatus* Chapuis, *Platypus anguis* Browne, *Platypus subpronus* Schedl, *Xyleborus aglaiae* Browne.

***Ailanthus altissima***
*Ambrosiodmus lewisi* (Blandford), *Hypothenemus eruditus* Westwood, *Xylosandrus discolor* (Blandford).

***Alatonia spathulata***
*Acanthotomicus onerosus* (Schedl).

***Albizzia adianthifolia***
*Ambrosiodmus tropicus* (Hagedorn), *Doliopygus chapuisi* (Duvivier), *Eccoptopterus spinosus* (Olivier), *Premnobius cavipennis* Eichhoff, *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus similans* (Eggers), *Xyleborus subtuberculatus* Eggers.

***Albizzia caribaea***
*Hypothenemus suspectus* Wood.

***Albizzia chinensis***
*Euwallacea xanthopus* (Eichhoff), *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky).

***Albizzia coriaria***
*Acanthotomicus sexdentatus* (Eggers), *Doliopygus chapuisi* (Duvivier), *Platypus parallelus* (Fabricius).

***Albizzia falcata***
*Ambrosiodmus wilderi* (Beeson), *Crossotarsus wallacei* (Thomson), *Diapus pusillimus* Chapuis, *Euwallacea fornicatus* (Eichhoff), *Platypus biuncus* Blandford, *Platypus cupulatus* Chapuis, *Platypus insularis* Strohmeyer, *Platypus insulindicus* Schedl, *Platypus subangustior* Schedl, *Platypus subsilimis* Schedl, *Xyleborus emarginatus* Eichhoff, *Xyleborus perforans* (Wollaston), *Xylosandrus morigerus* (Blandford).

***Albizzia ferruginea***
*Doliopygus chapuisi* (Duvivier), *Doliopygus exilis* (Chapuis), *Trachyostus aterrimus* (Schaufuss), *Triozastus banghaasi* (Schaufuss), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus subtuberculatus* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Albizzia glaberrima***
*Chaetastus tuberculatus* (Chapuis), *Cryphalus nigericus* Browne, *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus excavatus* (Sampson), *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus alluaudi* Schaufuss, *Xyleborus piceus* (Motschulsky).

***Albizzia grandibracteata***
*Doliopygus chapuisi* (Duvivier), *Hypothenemus eruditus* Westwood, *Rhopalopselion congonum* (Schedl).

***Albizzia gummifera***
*Acanthotomicus acuminatus* (Schedl), *Acanthotomicus biconicus* (Schedl), *Ambrosiodmus albizzianus* (Schedl), *Ambrosiodmus 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), *Doliopygus tenuis* (Strohmeyer), *Dryocoetoides cristatus* (Fabricius), *Eccoptopterus spinosus* (Olivier), *Hylesinopsis seriatus* (Eggers), *Hypothenemus eruditus* Westwood, *Hypothenemus solitarius* (Schedl), *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Periommatus longicollis* Chapuis, *Pityophthorus congonus* Eggers, *Pityophthorus kivuensis* Schedl, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Platypus schenklingi* (Strohmeyer), *Polygraphus coronatus* Eggers, *Premnobius corthyloides* Hagedorn, *Premnobius quadrispinosus* Schedl, *Rhopalopselion 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 annectens* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus multispinatus* Eggers, *Xyleborus piceus* (Motschulsky), *Xyleborus subtuberculatus* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus cylindrotomicus* (Schedl).

***Albizzia julibrissin***
*Xyleborus atratus* Eichhoff, *Xyleborus volvulus* (Fabricius).

***Albizzia lebbek***
*Ambrosiodmus lantanae* (Eggers), *Ambrosiodmus subnepotulus* (Eggers), *Arixyleborus malayensis* (Schedl), *Chaetastus tuberculatus* (Chapuis), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus squamulatus* Chapuis, *Eccoptopterus spinosus* (Olivier), *Hypothenemus eruditus* Westwood, *Xyleborinus andrewesi* (Blandford), *Xyleborus affinis* Eichhoff, *Xyleborus perforans* (Wollaston), *Xyleborus volvulus* (Fabricius), *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky).

***Albizzia lebbekioides***
*Hypothenemus brunneus* (Hopkins), *Hypothenemus eruditus* Westwood.

***Albizzia lucida***
*Platypus cavus* Strohmeyer, *Xyleborus perforans* (Wollaston).

***Albizzia macrocarpa***
*Pseudothysanoes murilloi* (Blackman).

***Albizzia maranguensis***
*Doliopygus nitens* Browne.

***Albizzia moluccana***
*Coptodryas elegans* (Sampson), *Euwallacea bicolor* (Blandford), *Euwallacea fornicatus* (Eichhoff), *Platypus insulindicus* Schedl, *Platypus subangustior* Schedl, *Platypus subsimilis* Schedl, *Xyleborus haberkorni* Eggers, *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky).

***Albizzia odoratissima***
*Euwallacea fornicatus* (Eichhoff), *Xyleborus perforans* (Wollaston).

***Albizzia procera***
*Crossotarsus fractus* Sampson, *Xylosandrus morigerus* (Blandford).

***Albizzia sekibalaruguma***
*Cyclorhipidion sulcipenne* (Eggers).

***Albizzia* spp.**
*Ambrosiodmus eichhoffi* (Schreiner), *Ambrosiodmus facetus* (Schedl), *Ambrosiodmus obliquus* (LeConte), *Ambrosiodmus tropicus* (Hagedorn), *Cnestus magnus* Sampson, *Cyclorhipidion crucifer* (Hagedorn), *Cyclorhipidion crucipenne* (Schedl), *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus excavatus* (Sampson), *Doliopygus ghesquierei* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus propinquus* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Euwallacea xanthopus* (Eichhoff), *Hylesinopsis seriatus* (Eggers), *Hypothenemus biseriatus* (Eggers), *Hypothenemus camerunus* (Eggers), *Leptoxyleborus concisus* (Blandford), *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Platypus binneus* Blandford, *Platypus cavus* 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, *Premnobius ambitiosus* (Schaufuss), *Premnobius cavipennis* Eichhoff, *Premnobius sexspinosus* Eggers, *Rhopalopselion rufus* (Schedl), *Scolytoplatypus armatus* Eggers, *Scolytoplatypus eichelbaumi* Hagedorn, *Trachyostus fecundus* (Sampson), *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborinus andrewesi* (Blandford), *Xyleborinus heveae* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus clerodendronae* Schedl, *Xyleborus insignis* Browne, *Xyleborus sphenos* Sampson, *Xyleborus spinulosus* Blandford, *Xyleborus volvulus* (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, *Euwallacea fornicatus* (Eichhoff).

***Albizzia warneckei***
*Doliopygus coelocephalus* (Schaufuss), *Doliopygus exilis* (Chapuis).

***Albizzia welwitschii***
*Doliopygus chapuisi* (Duvivier), *Platypus hintzi* Schaufuss, *Xyleborus volvulus* (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 perminutissimus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Ecoptopterus spinosus* (Olivier), *Periommatus bispinus* Strohmeyer, *Periommatus mkusii* Strohmeyer, *Periommatus substriatus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Scolytoplatypus africanus* Eggers, *Trachyostus schaufussi* (Strohmeyer), *Triozastus banghaasi* (Schaufuss), *Triozastus elongatus* Schedl, *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus eichhoffianus* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius), *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky).

***Alchornea cordifolia***
*Cyclorhipidion agnaticeps* (Schedl), *Xyleborus ruandae* Schedl.

***Alchornea coriacea***
*Ambrosiodmus camphorae* (Hagedorn), *Ambrosiodmus innominatus* (Schedl), *Xyleborinus signatipennis* (Schedl), *Xyleborus alluaudi* Schaufuss.

***Alchornea hirtella***
*Doliopygus bidentatus* (Strohmeyer), *Mimiocurus montanus* (Schedl), *Polygraphus tenuipennis* Schedl, *Premnobius mukunyae* (Schedl), *Xyleborinus similans* (Eggers), *Xyleborus comparabilis* Schedl, *Xyleborus tenellus* Schedl, *Xyleborus truncatulus* Schedl.

***Alchornea* spp.**
*Scolytoplatypus kivuensis* Schedl, *Xyleborus bezanozano* Schedl.

***Aleurites fordii***
*Euwallacea xanthopus* (Eichhoff), *Hypothenemus seriatus* (Eichhoff).

***Aleurites moluccana***
*Crossotarsus externedentatus* (Fairmaire), *Platypus pseudocupulatus* Schedl, *Platypus selysi* Chapuis, *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus rugatus* Blackburn, *Xyleborus whitteni* Beeson.

***Aleurites* spp.**
*Euwallacea fornicatus* (Eichhoff), *Xylosandrus compactus* (Eichhoff).

***Alexa imperitricia***
*Dryocoetoides cristatus* (Fabricius), *Monarthrum dimidiatum* (Ferrari), *Monarthrum exornatum* (Schedl), *Monarthrum proximum* Wood, *Taurodemus flavipes* (Fabricius), *Xyleborinus intersetosus* (Blandford), *Xyleborus affinis* Eichhoff, *Xyleborus semipunctatus* Eggers.

***Aliberta edulis***
*Premnobius cavipennis* Eichhoff.

***Allanblackia floribunda***
*Phrixosoma fuscovillosa* (Schedl), *Polygraphus longipilis* Schedl.

***Allanblackia parvifolia***
*Doliopygus serratus* (Strohmeyer), *Platypus hintzi* Schaufuss, *Xyleborus affinis* Eichhoff.

***Allanblackia* spp.**
*Premnobius cavipennis* Eichhoff.

***Allanblackia stuhlmannii***
*Ctonoxylon flavescens* Hagedorn.

***Allogogus brunneus***
*Doliopygus galerus* (Schedl).

***Allophyllus africanus***
*Doliopygus jurioni* Schedl, *Euwallacea granosus* (Schedl), *Premnobius nodulosus* Hagedorn.

***Allophyllus cobbe***
*Euwallacea fornicatus* (Eichhoff).

***Allophyllus kivuensis***
*Euwallacea xanthopus* (Eichhoff), *Platypus impressus* (Strohmeyer), *Platypus solutus* Schedl, *Scolytoplatypus armatus* Eggers, *Xyleborus piceus* (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.

***Alniphyllum fortuni***
*Xyleborus atratus* Eichhoff.

***Alnus acuminata***
*Platypus coronatus* Schedl, *Scolytodes alni* Wood.

***Alnus crispa***
*Trypophloeus striatulus* (Mannerheim).

***Alnus firma***
*Cryphalus kyotoensis* Nobuchi.

***Alnus firmifolia***
*Gnathotrichus alniphagus* Wood.

***Alnus fruticosa***
*Alniphagus alni* (Niisima), *Dryocoetes ussuriensis* Eggers, *Ernoporicus longus* (Eggers).

***Alnus glutinosa***
*Dryocoetes alni* (Georg), *Dryocoetes villosus* (Fabricius), *Taphrorychus alni* Pfeffer, *Trypodendron domesticum* (Linnaeus), *Trypophloeus alni* (Lindemann).

***Alnus hepalensis***
*Xyleborus lineatus* Eggers.

***Alnus hirsuta***
*Alniphagus alni* (Niisima), *Ambrosiodmus apicalis* (Blandford), *Ambrosiodmus hirsuta* (Eichhoff), *Platypus severini* Blandford, *Trypodendron niponicum* Blandford, *Trypodendron signatum* (Fabricius), *Xyleborus atratus* Eichhoff.

***Alnus incana***
*Alniphagus alni* (Niisima), *Dryocoetes alni* (Georg), *Trypophloeus alni* (Lindemann).

***Alnus japonica***
*Ambrosiodmus apicalis* (Blandford), *Ambrosiodmus rubricollis* (Eichhoff), *Crossotarsus niponicus* Blandford, *Neoptelcobius scutulatus* (Blandford), *Platypus severini* Blandford, *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus atratus* Eichhoff, *Xyleborus seiryorensis* Murayama.

***Alnus kamtschatica***
*Ernoporicus longus* (Eggers).

***Alnus maximowiczii***
*Ernoporicus 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***
*Alniphagus aspericollis* (LeConte).

***Alnus rubra***
*Alniphagus aspericollis* (LeConte).

***Alnus rugosa***
*Trypophloeus striatulus* (Mannerheim).

***Alnus sibirica***
*Ambrosiodmus apicalis* (Blandford), *Ambrosiodmus rubricollis* (Eichhoff), *Cryphalus furukawai* Murayama.

***Alnus sinuata***
*Alniphagus hirsutus* Schedl.

***Alnus* spp.**
*Ambrosiodmus lewisi* (Blandford), *Carphotoreus alni* (Bright), *Corthylus abbreviatus* Eichhoff, *Corthylus conatus* Blandford, *Corthylus concavus* Bright, *Corthylus diligens* Wood, *Corthylus villus* Bright, *Cryphalus alni* Krivolutskaya, *Dryocoetes padi* Stark, *Gnathotrichus retusus* (LeConte), *Gymnochilus alni* Wood, *Hylocurus hirtellus* (LeConte), *Monarthrum bidentatum* Wood, *Monarthrum hoegei* (Blandford), *Monarthrum laterale* (Eichhoff), *Monarthrum umbrinum* (Blandford), *Pityophthorus alni* Blackman, *Pityophthorus alnicolens* Wood, *Platypus otiosus* Schedl, *Platypus simulans* Schedl, *Scolytoplatypus daimio* Blandford, *Scolytoplatypus mikado* Blandford, *Scolytoplatypus tycon* Blandford, *Scolytus laevis* Chapuis, *Tesserocerus spinolae* Chapuis, *Trypodendron gaimaensis* (Murayama), *Trypophloeus salicis* Hopkins, *Xyleborinus alni* (Niisima), *Xyleborus atratus* Eichhoff, *Xyleborus dispar* (Fabricius), *Xyleborus maiche* (Stark), *Xyleborus pfeili* (Ratzeburg), *Xyleborus sciratus* Blandford, *Xyleborus titubanter* Schedl, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus germanus* (Blandford), *Xyloterinus politus* (Say).

***Alnus suaveolens***
*Trypophloeus rybinskii* Reitter.

***Alnus tenuifolia***
*Alniphagus aspericollis* (LeConte), *Alniphagus hirsutus* Schedl.

***Alnus tiliaefolia***
*Scolytoplatypus darjeelingi* Stebbing.

***Alnus tinctoria glabra***
*Xyleborus atratus* Eichhoff.

***Alnus viridis***
*Dryocoetes alni* (Georg), *Trypophloeus rybinskii* Reitter.

***Aloe vera***
*Hypothenemus californicus* Hopkins, *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood.

***Alphitonia excelsa***
*Hypothenemus melasomus* (Lea).

***Alphitonia petriei***
*Amasa truncatus* (Erichson), *Platypus queensland* Schedl, *Xyleborus similis* Ferrari.

***Alphitonia* spp.**
*Diapus nebulosus* Roberts, *Hyledius nitidicollis* (Motschulsky).

***Alphonsea ventricosa***
*Platypus cavus* Strohmeyer, *Platypus hybridus* Schedl, *Platypus indicus* Strohmeyer, *Platypus secretus* Sampson.

***Alstonia angustifolia***
*Amasa versicolor* (Sampson).

***Alstonia boonei***
*Ambrosiodmus aegir* (Eggers), *Chaetastus tuberculatus* (Chapuis), *Cyclorhipidion crucipenne* (Schedl), *Doliopygus carapae* Schedl, *Doliopygus jurioni* Schedl, *Platypus hintzi* Schaufuss, *Triozastus marshalli* (Sampson), *Xyleborus consobrinus* Eggers.

***Alstonia congensis***
*Chaetastus tuberculatus* (Chapuis), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus lebruni* Schedl, *Doliopygus punctiventris* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatus grandis* Schedl, *Platypus hintzi* Schaufuss, *Platypus solutus* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus volvulus* (Fabricius).

***Alstonia scholaris***
*Crossotarsus externedentatus* (Fairmaire), *Platypus advena* Schedl, *Platypus jansoni* Chapuis.

***Alstonia* spp.**
*Amasa versicolor* (Sampson), *Eccoptopterus spinosus* (Olivier), *Euwallacea andamanensis* (Blandford), *Periommatus grandis* Schedl, *Platypus cupulatus* Chapuis, *Platypus insulindicus* Schedl, *Platypus pseudocupulatus* Schedl, *Trachyostus aterrimus* (Schaufuss), *Xyleborus minutus* Blandford, *Xylosandrus crassiusculus* (Motschulsky).

***Althoffia* spp.**
*Platypus jansoni* Chapuis, *Platypus solidus* Walker.

***Altingia excelsa***
*Cnestus bicornis* (Eggers), *Diapus pusillimus* Chapuis, *Xyleborus mucronatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus morigerus* (Blandford).

***Amelanchier ovalis***
*Scolytus amygdali* Guerin-Meneville.

***Amelanchier* spp.**
*Chaetophloeus heterodoxus* (Casey), *Pseudopityophthorus minutissimus* (Zimmermann), *Scolytus rugulosus* (Muller).

***Amerimonon brownei***
*Cnesinus strigicollis* LeConte.

***Amherstia nobilis***
*Hypothenemus eruditus* Westwood.

***Amomum* spp.**
*Xylosandrus morigerus* (Blandford).

***Amoora rohituka***
*Coccotrypes vulgaris* (Eggers), *Crossotarsus squamulatus* Chapuis, *Platypus cavus* Strohmeyer, *Platypus lepidus* Chapuis, *Xylosandrus difficilis* (Eggers).

***Amoora spectabilis***
*Coccotrypes longior* (Eggers), *Platypus hamaticollis* Schedl.

***Amoora* spp.**
*Platypus acetabuliformis* Roberts, *Platypus hippocrepicus* Roberts, *Platypus luniger* Motschulsky, *Xylosandrus crassiusculus* (Motschulsky).

***Amoora wallichii***
*Coccotrypes cyperi* (Beeson), *Coccotrypes salakensis* (Schedl), *Ambrosiodmus lewisi* (Blandford), *Euwallacea wallacei* (Blandford), *Leptoxyleborus concisus* (Blandford), *Platypus curtatus* Sampson, *Scolytoplatypus pubescens* Hagedorn, *Xyleborinus subgranulatus* (Eggers), *Xyleborus shoreae* (Stebbing).

***Amphimas ferrugineus***
*Acanthotomicus sexdentatus* (Eggers), *Doliopygus chapuisi* (Duvivier), *Doliopygus serratus* (Strohmeyer), *Platypus parallelus* (Fabricius), *Xyleborus volvulus* (Fabricius).

***Amphimas pterocarpoides***
*Doliopygus unicornis* Schedl, *Mesoplatypus venustus* Schedl.

***Amygdalus communis***
*Scolytus amygdali* Guerin-Meneville.

***Amyris balsamifera***
*Pseudothysanoes securigerus* (Blackman).

***Anacardium excelsum***
*Xyleborus volvulus* (Fabricius).

***Anacardium occidentale***
*Crossotarsus minax* (Walker), *Eccoptopterus spinosus* (Olivier), *Hypothenemus macrolobii* (Eggers), *Xyleborinus andrewesi* (Blandford), *Xyleborinus perexiguus* (Schedl), *Xyleborus perforans* (Wollaston), *Xylosandrus mancus* (Blandford).

***Anacardium* spp.**
*Xyleborinus andrewesi* (Blandford), *Xylosandrus compactus* (Eichhoff).

***Anagyris foetida***
*Liparthrum genistae* (Aube).

***Andira jamaicensis***
*Xyleborus ferrugineus* (Fabricius).

***Andira* spp.**
*Xylosandrus compactus* (Eichhoff).

***Andropogon* spp.**
*Hypothenemus pubescens* Hopkins.

***Angophora costata***
*Xyleborus perforans* (Wollaston).

***Angylocalyx pynaertii***
*Acanthotomicus angylocalyx* (Schedl), *Chaetastus tuberculatus* (Chapuis), *Cylindropalpus laudatus* (Schedl), *Doliopygus artespinatus* (Schedl), *Doliopygus citri* Schedl, *Doliopygus ghesquierei* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus lecomtei* Schedl, *Doliopygus medius* Schedl, *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus unicornis* Schedl, *Hypothenemus eruditus* Westwood, *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus pilosellus* (Schedl), *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Aningeria altissima***
*Cylindropalpus affinis* Strohmeyer, *Periommatus grandis* Schedl, *Platypus nebulosus* Roberts.

***Aningeria robusta***
*Chaetastus tuberculatus* (Chapuis), *Cylindropalpus affinis* Strohmeyer, *Cylindropalpus granulosus* (Schedl), *Cylindropalpus pumilio* (Schedl), *Doliopygus coelocephalus* (Schaufuss).

***Aningeria* spp.**
*Trachyostus aterrimus* (Schaufuss).

***Anisopappus* spp.**
*Hypothenemus grandis* Schedl.

***Anisophyllea* spp.**
*Doliopygus bidentatus* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Platypus solutus* Schedl, *Xyleborus alluaudi* Schaufuss.

***Anisoptera cochinchinensis***
*Platypus shoreanus* (Beeson).

***Anisoptera curtisii***
*Webbia pabo* Sampson.

***Anisoptera polyandra***
*Cyclorhipidion sulcinoides* (Schedl), *Genyocerus puer* (Schedl), *Platypus shoreanus* (Beeson), *Platypus strenuus* Schedl.

***Anisoptera* spp.**
*Acanthotomicus emarginatus* Browne, *Cyrtogenius anisopterae* (Browne), *Diapus nanus* Schedl, *Diapus pusillimus* Chapuis, *Genyocerus diaphanus* (Schedl), *Genyocerus papuanus* Roberts, *Genyocerus puer* (Schedl), *Platypus jansoni* Chapuis, *Platypus solidus* Walker, *Xyleborus bidentatus* (Motschulsky), *Xyleborus moluccanus* Browne.

***Annona cherimolia***
*Araptus schwarzi* (Blackman).

***Annona mucosa***
*Coccotrypes rutschuruensis* Eggers.

***Annona* spp.**
*Euwallacea xanthopus* (Eichhoff), *Hypothenemus birmanus* (Eichhoff), *Hypothenemus brunneus* (Hopkins), *Hypothenemus eruditus* Westwood, *Hypothenemus gossypii* (Hopkins), *Xyleborus similis* Ferrari, *Xylosandrus compactus* (Eichhoff).

***Annona squamosa***
*Coccotrypes carpophagus* (Hornung), *Xyleborus perforans* (Wollaston).

***Anogeissus acuminata***
*Ambrosiodmus lantanae* (Eggers), *Coccotrypes nubilus* (Blandford), *Polygraphus anogeissi* Wood, *Sphaerotrypes coimbatorensis* Stebbing, *Xyleborus similis* Ferrari.

***Anogeissus latifolia***
*Platypus solidus* Walker, *Platypus uncinatus* Blandford, *Sphaerotrypes coimbatorensis* Stebbing, *Sphaerotrypes globulus* Blandford, *Xyleborus perforans* (Wollaston).

***Anogeissus* spp.**
*Ficicis despectus* (Walker).

***Anonidium mannii***
*Chaetastus tuberculatus* (Chapuis), *Coccotrypes ghesquierei* Eggers, *Coccotrypes sparsepilosus* (Eggers), *Coccotrypes subovalis* Eggers, *Cylindropalpus laudatus* (Schedl), *Doliopygus chapuisi* (Duvivier), *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus divaricus* (Schedl), *Doliopygus donisi* Schedl, *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus lateralis* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Periommatus longicollis* Chapuis, *Periommatus subrobustus* Schedl, *Platypus hintzi* Schaufuss, *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), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius).

***Anopyxis klaineana***
*Cylindropalpus pumilio* (Schedl), *Xyleborus affinis* Eichhoff.

***Anopyxis* spp.**
*Hypothenemus eruditus* Westwood.

***Anthocaryon* spp.**
*Premnobius cavipennis* Eichhoff.

***Anthocephalus cadamba***
*Dactylipalpus transversus* Chapuis, *Euwallacea interjectus* (Blandford), *Platypus anthocephli* 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).

***Anthocleista nobilis***
*Chaetastus montanus* Schedl, *Chaetastus subalpinus* (Schedl), *Chaetastus tuberculatus* (Chapuis), *Doliopygus chapuisi* (Duvivier), *Doliopygus dubius* (Sampson), *Doliopygus punctiventris* Schedl, *Hylesinopsis baphiae* (Schedl), *Periommatus grandis* Schedl, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Xyleborinus diversus* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius).

***Anthonota fragrans***
*Cylindropalpus auricomans* (Schaufuss), *Platypus hintzi* Schaufuss, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Anthonota macrocarpa***
*Hypothenemus socialis* (Schedl).

***Anthonota macrophylla***
*Coptoborus usagaricus* (Eggers), *Coptoborus forficatus* (Schedl), *Cylindropalpus auricomans* (Schaufuss), *Cylindropalpus granulosos* (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 volvulus* (Fabricius).

***Anthonota micraster***
*Coptoborus usagaricus* (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 conradti* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus exilis* (Chapuis), *Doliopygus nairobiensis* (Schedl), *Doliopygus opifex* (Sampson), *Doliopygus perbrevis* Schedl, *Doliopygus punctiventris* Schedl, *Doliopygus tenuis* (Strohmeyer), *Dryocoetoides cristatus* (Fabricius), *Periommatus excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Platypus spinulosus* (Strohmeyer), *Polygraphus coronatus* Eggers, *Trachyostus schaufussi* (Strohmeyer), *Triozastus baughaasi* (Schaufuss), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus pseudoambasius* Schedl, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Antiaris* spp.**
*Diamerus impar* Chapuis, *Doliopygus interruptus* (Sampson), *Premnobius cavipennis* Eichhoff, *Trachyostus aterrimus* (Schaufuss).

***Antiaris toxicaria***
*Chaetastus tuberculatus* (Chapuis), *Xyleborus emarginatus* Eichhoff.

***Antiaris welwitschii***
*Chaetastus tuberculatus* (Chapuis), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus ghesquierei* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus spectabilis* Schedl, *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatus excisus* Strohmeyer, *Periommatus 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 volvulus* (Fabricius).

***Antidesma petiolare***
*Euwallacea xanthopus* (Eichhoff).

***Antidesma* spp.**
*Crossotarsus muiszechi* Chapuis, *Diapus turgidus* Roberts, *Xylosandrus compactus* (Eichhoff).

***Antrocaryon micraster***
*Diapus quinquespinatus* Chapuis, *Doliopygus bilobatus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus lefevrei* Schedl, *Hypothenemus eruditus* Westwood, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Premnobius robustulus* (Schedl), *Xyleborus alluaudi* Schaufuss, *Xyleborus caudatus* Schedl, *Xyleborus ferrugineus* (Fabricius).

***Antrocaryon nannanii***
*Xyleborus affinis* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky).

***Aphanamixa rohituka***
*Eccoptopterus limbus* Sampson, *Hadrodemius comans* (Sampson), *Xyleborus perforans* (Wollaston), *Xylosandrus mancus* (Blandford).

***Aphananthe aspera***
*Euwallacea validus* (Eichhoff).

***Aphananthe sakalava***
*Platypus madagascariensis* Chapuis.

***Aphloia theaeformis***
*Mitosoma excisum* Schaufuss.

***Apoplanesia paniculata***
*Chaetophloeus minimus* Wood.

***Aporosa globifera***
*Crossotarsus siva* Beeson.

***Aporosa* spp.**
*Platypus utilis* (Schedl).

***Aptandra zenkeri***
*Doliopygus citri* Schedl, *Theoborus ricini* (Eggers), *Xyleborus affinis* Eichhoff.

***Apuleia forrea***
*Spermophthorus apuleiae* Costa Lima.

***Aralia decaisneana***
*Xyleborus atratus* Eichhoff.

***Aralidium pinnatifidum***
*Arixyleborus leprosulus* Schedl, *Eccoptopterus spinosus* (Olivier).

***Araucaria angustifolia***
*Cryptocarenus seriatus* Eggers, *Pityophthorus anticus* Schedl, *Platypus araucariae* Schedl, *Tesserocerus guerini* Chapuis, *Xyleborinus sentosus* (Eichhoff), *Xyleborus*

*adelographus* Eichhoff, *Xylechinosomus contractus* (Chapuis), *Xylechinosomus minimus* Schedl, *Xylechinosomus pilosus* Wood.

***Araucaria araucana***
*Hylurgonotus antipodus* (Eggers).

***Araucaria bidwillii***
*Hylurdrectonus piniarius* Schedl.

***Araucaria brasiliana***
*Araptus araucariae* (Schedl), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xylechinosomus brasiliensis* (Schedl), *Xylechinosomus hirsutus* Schedl.

***Araucaria cunninghamii***
*Coptodryas eucalyptica* (Schedl), *Cryphalus araucariae* Schedl, *Cryptoxyleborus gracilior* Browne, *Diapus nanus* Schedl, *Diapus papuanus* Schedl, *Euwallacea barbatus* (Hagedorn), *Hylcops 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 queensland*i Schedl, *Platypus solidus* Walker, *Platypus varipennis* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus gratiosus* Schedl, *Xyleborus nitellus* Browne, *Xyleborus perforans* (Wollaston), *Xyleborus perplexus* Schedl, *Xyleborus similis* Ferrari, *Xylosandrus pseudosolidus* (Schedl).

***Araucaria heterophylla***
*Pachycotes kuscheli* Schedl.

***Araucaria hunsteinii***
*Chaetoptelius impar* (Schedl), *Cryphalus brunneus* Browne, *Cryphalus cylindrus* Browne, *Cryphalus diversicolor* Browne, *Diapus quinquespinatus* Chapuis, *Hylurdrectonus corticinus* Wood, *Platypus jansoni* Chapuis, *Platypus praepositus* Schedl.

***Araucaria* spp.**
*Ambrosiodmus compressus* (Lea), *Diapus pusillimus* Chapuis, *Hylurgonotus armaticeps* Schedl, *Hylurgonotus solidus* (Schedl), *Hylurgonotus tuberculatus* (Eggers), *Pachycotes peregrinus* (Chapuis), *Pachycotes villosus* Schedl, *Xylechinosomus valdivianus* (Eggers), *Xylosandrus compactus* (Eichhoff).

***Araujia sericifera***
*Araptus araujiae* Brethes.

***Arbutus arizonicus***
*Liparthrum arizonicum* Wood.

***Arbutus menziesii***
*Hylocurus hirtellus* (LeConte).

***Arbutus* spp.**
*Cnesinus elegans* Blandford, *Cnesinus elegantis* Wood, *Corthylocurus mexicanus* (Schedl), *Corthylus detrimentosus* Schedl, *Liparthrum arizonicum* Wood, *Micracisella nitidula* Wood, *Micracisella ocellata* Wood, *Pseudothysanoes arbuti* (Wood).

***Arbutus xalapensis***
*Cnesinus setulosus* Blandford.

***Arceuthobium globosum***
*Pityophthorus arceuthobii* Wood.

***Archontophoenix alexandrae***
*Coccotrypes carpophagus* (Hornung).

***Archontophoenix cunninghamiana***
*Coccotrypes congonus* Eggers.

***Ardisia paniculata***
*Cnesinus strigicollis* LeConte, *Hypothenemus birmanus* (Eichhoff), *Hypothenemus brunneus* (Hopkins), *Hypothenemus hirsutus* (Wood), *Hypothenemus squamosus* (Hopkins).

***Ardisia* spp.**
*Corthylus micacirrus* Wood, *Platypus crassicornis* Schedl, *Xylosandrus zimmermanni* (Hopkins).

***Areca catechu***
*Coccotrypes carpophagus* (Hornung), *Coccotrypes dactyliperda* (Fabricius), *Hypothenemus eruditus* Westwood, *Xyleborus perforans* (Wollaston).

***Arenga saccharifera***
*Coccotrypes magnus* Beeson.

***Arenga* spp.**
*Platypus pseudocupulatus* Schedl, *Xyleborus affinis* Eichhoff.

***Argyrodendron peralatum***
*Platypus australis* Chapuis.

***Argyrodendron* spp.**
*Ambrosiodmus compressus* (Lea), *Platypus semigranosus* (Sampson), *Xyleborus similis* Ferrari.

***Argyrodendron trifoliolatum***
*Xyleborus perforans* (Wollaston).

***Argyrodendron trifoliolatum peralatum***
*Xyleborus perforans* (Wollaston).

***Aristolochia anguicida***
*Pityophthorus nemoralis* Wood.

***Armanica* spp.**
*Cryphalus malus* Niisima.

***Artemisia argentea***
*Liparthrum artemisiae* Wollaston.

***Arthrophyllum diversifolium***
*Coptodryas nugax* (Schedl), *Cryphalus simplex* (Schedl), *Eccoptopterus limbus* Sampson, *Eccoptopterus spinosus* (Olivier), *Euwallacea fornicatus* (Eichhoff), *Euwallacea xanthopus* (Eichhoff), *Platypus pseudocupulatus* Schedl, *Xyleborus perforans* (Wollaston), *Xylosandrus morigerus* (Blandford).

***Arthrosamanea altissima***
*Doliopygus exilis* (Chapuis), *Premnobius nodulosus* Hagedorn, *Xyleborus affinis* Eichhoff, *Xyleborus ambasiusculus* Eggers.

***Artobotrys* spp.**
*Coccotrypes subovalis* Eggers.

***Artocarpus altilis***
*Cryphalus trypanoides* Beeson.

***Artocarpus anisophylla***
*Diamerus interstitialis* (Lea).

***Artocarpus chaplasha***
*Coccotrypes salakensis* (Schedl), *Diapus quinquespinatus* Chapuis, *Leptoxyleborus concisus* (Blandford), *Platypus verelunatus* (Beeson), *Xyleborus pumilus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

***Artocarpus dadah***
*Crossotarsus wallacei* (Thomson), *Xyleborinus andrewesi* (Blandford), *Xyleborus 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, *Cyclorhipidion polyodon* (Eggers), *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Eccoptopterus gracilipes* (Eichhoff), *Euwallacea destruens* (Bland-

ford), *Hypothenemus artocarpi* Browne, *Leptoxyleborus concisus* (Blandford), *Platypus bajulus* Schedl, *Platypus biuncus* Blandford, *Platypus forficula* Chapuis, *Platypus jansoni* Chapuis, *Platypus pseudocupulatus* Schedl, *Xyleborus amphicranoides* Hagedorn, *Xyleborus apertus* Schedl, *Xyleborus fallax* Eichhoff, *Xyleborus piceus* (Motschulsky), *Xylosandrus difficilis* (Eggers).

***Artocarpus fraxinifolius***
*Coccotrypes vulgaris* (Eggers), *Platypus secretus* Sampson.

***Artocarpus heterophylla***
*Hyledius detersus* (Chapuis), *Xyleborinus sculptilis* (Schedl).

***Artocarpus hirsuta***
*Xyleborus perforans* (Wollaston).

***Artocarpus incisa***
*Cyrtogenius brevior* (Eggers), *Platypus jansoni* Chapuis.

***Artocarpus integrifolia***
*Diamerus curvifer* (Walker), *Euwallacea interjectus* (Blandford), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus eruditus* Westwood, *Liparthrum artocarpus* Wood, *Platypus indicus* Strohmeyer, *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky), *Xyleborus similis* Ferrari, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Artocarpus introcha***
*Platypus lepidus* Chapuis.

***Artocarpus kunstleri***
*Acanthotomicus kepongi* (Schedl), *Cryphalus artocarpus* (Schedl), *Cyrtogenius brevior* (Eggers), *Diamerus luteus* Hagedorn, *Euwallacea subparallelus* (Eggers), *Hypothenemus eruditus* Westwood, *Xyleborus amphicranoides* Hagedorn.

***Artocarpus lakoocha***
*Ambrosiodmus dihingensis* (Eggers), *Ambrosiodmus sulcatus* (Eggers), *Baiocis pernanulus* (Schedl), *Coccotrypes cyperi* (Beeson), *Cryphalus dorsalis* (Motschulsky), *Cyrtogenius glaber* (Schedl), *Euwallacea wallacei* (Blandford), *Ozopemon obanus* Hagedorn, *Platypus curtatus* Sampson, *Platypus pseudocupulatus* Schedl, *Platypus signatus* Chapuis, *Platypus westwoodi* Chapuis, *Xyleborus perforans* (Wollaston), *Xyleborus pumilus* Eggers, *Xyleborus rufobrunneus* Eggers, *Xyleborus volvulus* (Fabricius).

***Artocarpus lanceaefolia***
*Coccotrypes advena* Blandford, *Coccotrypes cinnamomi* (Eggers), *Coptodryas nugax* (Schedl), *Hypothenemus artocarpi* Browne, *Xyleborus perforans* (Wollaston).

***Artocarpus nobilis***
*Eccoptopterus spinosus* (Olivier).

***Artocarpus rigida***
*Coccotrypes advena* Blandford, *Coccotrypes cinnamomi* (Eggers), *Cryphalus tenuis* Schedl, *Hypothenemus artocarpi* Browne.

***Artocarpus scortechini***
*Amasa 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, *Euwallacea xanthopus* (Eichhoff), *Hypocryphalus corpulentus* Schedl, *Hypothenemus artocarpi* Browne, *Platypus insulindicus* Schedl, *Xyleborus amphicranoides* Hagedorn.

***Artocarpus* spp.**
*Cladoctonus interruptus* (Eggers), *Coccotrypes gedeanus* (Eggers), *Coccotrypes longior* (Eggers), *Coccotrypes medius* (Eggers), *Cryphalus brownei* Wood, *Cryphalus mollis* Schedl, *Cryphalus sylvicola* (Perkins), *Cyrtogenius parvus* Browne, *Euwallacea andamanensis* (Blandford), *Euwallacea fornicatus* (Eichhoff), *Ficicis despectus* (Walker), *Genyocerus 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 jansoni* Chapuis, *Platypus solidus* Walker, *Platypus westwoodi* 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, *Trischidias atomus* (Hopkins).

***Asparagus* spp.**
*Mimiocurus congonus* (Schedl), *Xylosandrus compactus* (Eichhoff).

***Aspericollis* spp.**
*Hypothenemus eruditus* Westwood.

***Astragalus* spp.**
*Hypothenemus crudiae* (Panzer).

***Astrocaryum murumura***
*Coccotrypes surinamensis* Schedl.

***Astronium graveolens***
*Styphlosoma subulatum* Wood, *Xyleborus volvulus* (Fabricius).

***Aucoumea klaineana***
*Doliopygus coelocephalus* (Schaufuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus erichsoni* (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).

***Augophora costata***
*Xyleborus perforans* (Wollaston).

***Austrobuxus nitidus***
*Crossotarsus squamulatus* Chapuis, *Platypus cupulatus* Chapuis, *Platypus pseudocupulatus* Schedl.

***Autranella congolensis***
*Chaetastus tuberculatus* (Chapuis), *Coccotrypes cylindricus* (Eggers), *Diapus quinquespinatus* Chapuis, *Doliopygus artespinatus* (Schedl), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus ghesquierei* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Platypus parallelus* (Fabricius), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).

***Avicennia officinalis***
*Xyleborus ferrugineus* (Fabricius).

***Avicennia* spp.**
*Xyleborus bidentatus* (Motschulsky).

***Baccharus* spp.**
*Micracis sicainei* Blackman, *Pityophthorus paulus* Wood, *Scolytodes constrictus* Wood.

***Baccaura parvifolia***
*Crossotarsus siporanus* Schedl.

***Baikaea eminii***
*Xyleborus multispinatus* Eggers, *Xylocleptes baikiae* Schedl.

***Baikaea* spp.**
*Ambrosiodmus albizzianus* (Schedl), *Doliopygus interruptus* (Sampson).

***Bailonella toxisperma***
*Cyclorhipidion agnaticeps* (Schedl).

***Balanites wilsoniana***
*Hypothenemus eruditus* Westwood, *Hypothenemus perhispidus* (Eggers), *Hypothenemus socialis* (Schedl).

***Balanocarpus heimii***
*Arixyleborus mediosectus* (Eggers), *Arixyleborus scabripennis* (Blandford), *Coccotrypes brunneus* (Nunberg), *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 quinquespinatus* 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* Nunberg, *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), *Scolytoplatypus mikado* Blandford.

***Bambusa tulda***
*Coccotrypes barbatus* (Schedl).

***Bambusa vulgaris***
*Chramesus gracilis* Wood, *Chramesus macrocornis* Wood, *Hylocurus nodulus* Wood.

***Banksia grandis***
*Amasa 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 quadrituberculatus* (Schedl), *Hypothenemus biseriatus* (Eggers), *Hypothenemus camerunus* (Eggers), *Rhopalopselion grande* Schedl, *Rhopalopselion intermedium* Schedl, *Rhopalopselion nitidum* Schedl, *Rhopalopselion thompsoni* Schedl, *Tiarophorus intermedius* Schedl, *Xyleborus piceus* (Motschulsky).

***Baphia soldheidii***
*Hylesinopsis quadrituberculatus* (Schedl), *Rhopalopselion grande* Schedl, *Rhopalopselion intermedium* Schedl, *Rhopalopselion nitidum* Schedl.

***Baphia* spp.**
*Premnobius cavipennis* Eichhoff, *Rhopalopselion confusum* Eggers, *Xyleborus volvulus* (Fabricius).

***Barringtonia excelsa***
*Hypothenemus eruditus* Westwood.

***Barrington macrostachya***
*Amasa versicolor* (Sampson).

***Barteria fistulosa***
*Doliopygus lefevrei* Schedl, *Doliopygus tenuis* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Xyleborus affinis* Eichhoff.

***Barteria nigritana***
*Cylindropalpus camerunus* (Schedl), *Cylindropalpus granulosus* (Schedl), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus dubius* (Sampson), *Doliopygus retusus* Schedl, *Doliopygus tenuis* (Strohmeyer), *Hypothenemus eruditus* Westwood, *Periommatus excisus* Strohmeyer, *Phrixosoma fuscovillosa* (Schedl), *Platypus hintzi* Schaufuss, *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Basjoo* spp.**
*Hypothenemus eruditus* Westwood.

***Bassia butyracea***
*Platypus verchunatus* (Beeson), *Scolytomimus assamensis* Schedl.

***Bassia latifolia***
*Cryphalus scabricollis* Eichhoff, *Eccoptopterus spinosus* (Olivier), *Platypus uncinatus* Blandford, *Polygraphus anogeissi* Wood, *Scolytominus assamensis* Schedl, *Scolytominus mimusopis* 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 bauhaniae* Schedl, *Hypothenemus eruditus* Westwood, *Hypothe-*

*nemus javanus* (Eggers), *Hypothenemus morio* (Eggers), *Hypothenemus mozambiquensis* Eggers, *Hypothenemus seriatus* (Eichhoff), *Miocryphalus attenuatus* (Eggers), *Scolytomimus assamensis* Schedl, *Xyleborus subasperulus* Eggers, *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky).

***Bauhinia variegata***
*Euwallacea andamanensis* (Blandford), *Euwallacea fornicatus* (Eichhoff), *Hypothenemus setosus* (Eichhoff), *Xyleborus perforans* (Wollaston), *Xylosandrus discolor* (Blandford).

***Beilschmiedia bancroftii***
*Platypus carbonescens* (Beeson).

***Beilschmiedia corbisieri***
*Doliopygus lebruni* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Hypothenemus criticus* (Schedl), *Periommatus excisus* Strohmeyer, *Premnobius robustulus* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus africanus* Eggers, *Xyleborus ferrugineus* (Fabricius).

***Beilschmiedia gilbertii***
*Chaetastus tuberculatus* (Chapuis), *Cylindropalpus laudatus* (Schedl), *Periommatus excisus* Strohmeyer, *Periommatus longicollis* Chapuis, *Periommatus subrobustus* Schedl, *Platypus beilschmiediae* Schedl, *Platypus hintzi* Schaufuss, *Platypus solutus* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus consobrinus* Eggers, *Xyleborus volvulus* (Fabricius).

***Beilschmiedia louisii***
*Ambrosiodmus aegir* (Eggers), *Cyclorhipidion agnaticeps* (Schedl), *Doliopygus bitalei* Schedl, *Doliopygus rhodesianus* (Schedl), *Mesoplatypus kitushi* Schedl, *Platypus orientalis* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus amanicus* Hagedorn, *Xyleborus principalis* Eichhoff.

***Beilschmiedia obtusifolia***
*Xyleborus ipidia* Schedl.

***Beilschmiedia sikkimensis***
*Ambrosiodmus lantanae* (Eggers), *Cyclorhipidion hirtum* (Hagedorn), *Diapus spatulifer* Browne, *Euwallacea wallacei* (Blandford), *Platypus curtatus* Sampson, *Platypus lopchuensis* Schedl.

***Beilschmiedia spp.***
*Ambrosiodmus eichhoffi* (Schreiner), *Baiocis solominicus* Browne, *Premnobius cavipennis* Eichhoff, *Xylosandrus difficilis* (Eggers).

***Belanophora glomerata***
*Chaetastus tuberculatus* (Chapuis).

***Belotia campbelli***
*Trischidias exigua* Wood.

***Benzoin spp.***
*Phlocosinus pulchellus* Blandford, *Scolytoplatypus mikado* Blandford, *Scolytoplatypus tycon* Blandford, *Xylosandrus mutilatus* (Blandford).

***Benzoin thunbergii***
*Indocryphalus pubipennis* (Blandford).

***Berberis fremontii***
*Thysanoes berbericolens* Wood.

***Berberis nepalensis***
*Xyleborus mussooriensis* Eggers.

***Berberis spp.***
*Corthylus punctatissimus* (Zimmermann), *Xylosandrus brevis* (Eichhoff).

***Berchemia scandens***
*Thysanoes berchemiae* Blackman.

***Berkheya spekeana***
*Rhopalopselion congonum* (Schedl).

***Berlinia acuminata***
*Cylindropalpus auricomans* (Schaufuss), *Pityophthorus mpossae* Schedl, *Platypus parallelus* (Fabricius), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus rothkirchi* Eggers, *Xyleborus volvulus* (Fabricius).

***Berlinia auriculata***
*Platypus hintzi* Schaufuss.

***Berlinia brieyi***
*Platypus parallelus* (Fabricius).

***Berlinia confusa***
*Doliopygus berliniae* Roberts, *Doliopygus caesalpiniae* Roberts.

***Berlinia grandiflora***
*Pityophthorus mpossae* Schedl.

***Berlinia spp.***
*Doliopygus bitalei* Schedl, *Doliopygus chapuisi* (Duvivier), *Platypus hintzi* Schaufuss, *Platypus neosolidus* Schedl, *Platypus parallelus* (Fabricius).

***Berria amomilla***
*Hypothenemus brunneus* (Hopkins), *Hypothenemus eruditus* Westwood.

***Bersama abyssinica***
*Acanthotomicus tanganyikaensis* (Schedl).

***Bersama spp.***
*Chaetastus montanus* Schedl, *Scolytoplatypus fasciatus* Hagedorn.

***Bertholletia excelsa***
*Hypothenemus obscurus* (Fabricius).

***Betonica officinalis***
*Thamnurgus kaltenbachi* (Bach).

***Betula grossa***
*Platypus calamus* Blandford, *Platypus lewisi* Blandford.

***Betula japonica***
*Xyleborinus alni* (Niisima).

***Betula lenta***
*Dryocoetes betulae* Hopkins, *Trypodendron betulae* Swaine.

***Betula lutea***
*Dryocoetes betulae* Hopkins, *Monarthrum 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 saxeseni* (Ratzeburg).

***Betula populifera***
*Pseudopityophthorus asperulus* (LeConte).

***Betula schmidtii***
*Xyleborus atratus* Eichhoff.

***Betula spp.***
*Ambrosiodmus obliquus* (LeConte), *Ambrosiodmus tachygraphus* (Zimmermann), *Ernoporicus fagi* (Fabricius), *Hypothenemus crudiae* (Panzer), *Pseudopityophthorus minutissimus* (Zimmermann), *Scolytus dahuricus* Chapuis, *Scolytus intricatus* (Ratzeburg), *Scolytus ratzeburgi* Janson, *Taphrorychus 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***
*Ambrosiodmus rubricollis* (Eichhoff), *Phloeosinus bicolor* (Brulle), *Phloeosinus hopehi* Schedl.

***Bischofia javanica***
*Ambrosiodmus lecontei* Hopkins, *Platypus biuncus* Blandford, *Platypus cavus* Strohmeyer, *Xylosandrus crassiusculus* (Motschulsky).

***Bixa orellana***
*Euwallacea fornicatus* (Eichhoff), *Hypothenemus eruditus* Westwood, *Xyleborus mucronatus* Eggers, *Xylosandrus morigerus* (Blandford).

***Blacus fuscipennis***
*Xyleborinus saxeseni* (Ratzeburg).

***Blighia sapida***
*Chaetastus tuberculatus* (Chapuis), *Doliopygus brevis* (Strohmeyer), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus perbrevis* Schedl, *Doliopygus serratus* (Strohmeyer), *Periommatus grandis* Schedl, *Periommatus longicollis* Chapuis, *Platypus schenklingi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborinus similans* (Eggers), *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers.

***Blighia* spp.**
*Premnobius cavipennis* 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, *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Periommatus longicollis* Chapuis, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Triozastus banghaasi* (Schaufuss), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus volvulus* (Fabricius).

***Bobea elatior***
*Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston).

***Bocconia fruitescens***
*Corthycyclon aztecum* (Bright).

***Boehmeria scabra***
*Hypothenemus californicus* Hopkins, *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood.

***Boehmeria* spp.**
*Xylosandrus morigerus* (Blandford).

***Boehmeria ulmifolia***
*Microcorthylus demissus* Wood, *Microcorthylus ocularis* Wood.

***Boieldieui* spp.**
*Hypothenemus eruditus* Westwood.

***Bolbocranius bicolor***
*Doliopygus megatoma* Schedl, *Periommatus similis* Strohmeyer.

***Bombacopsis quinata***
*Xyleborus affinis* Eichhoff.

***Bombacopsis quintana***
*Xyleborus ferrugineus* (Fabricius).

***Bombax flammeum***
*Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl.

***Bombax insigne***
*Platypus quadrifissilis* Schedl, *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

***Bombax malabaricum***
*Ambrosiodmus minor* (Stebbing), *Cryphalus scabricollis* Eichhoff, *Euwallacea interjectus* (Blandford), *Platypus cavus* Strohmeyer, *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* Strohmeyer.

***Borassus flabellifer***
*Coccotrypes carpophagus* (Hornung), *Coccotrypes cyperi* (Beeson), *Coccotrypes variabilis* (Beeson), *Xyleborus affinis* Eichhoff.

***Borassus* spp.**
*Xyleborus affinis* Eichhoff.

***Borrichia arborescens***
*Pityophthorus borrichiae* Wood.

***Borrichia frutescens***
*Pityophthorus borrichiae* Wood.

***Bosqueia angolensis***
*Chaetastus montanus* Schedl, *Chaetastus tuberculatus* (Chapuis), *Ctonoxylon bosqueiae* Schedl, *Diamerus impar* Chapuis, *Diamerus pimelioides* (Schaufuss), *Doliopygus bidentatus* (Strohmeyer), *Doliopygus brevis* (Strohmeyer), *Doliopygus chapuisi* (Duvivier), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus exilis* (Chapuis), *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus punctiventris* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus unicornis* Schedl, *Eccoptopterus spinosus* (Olivier), *Hylesinopsis confusus* (Eggers), *Hylesinopsis dubius* Eggers, *Hypothenemus areccae* (Hornung), *Mesoplatypus kitushi* Schedl, *Periommatus excisus* Strohmeyer, *Periommatus longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl, *Rhopalopselion 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.**
*Ambrosiodmus 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 wallacei* (Thomson).

***Bouea* spp.**
*Platypus pseudocupulatus* Schedl.

***Bourreiria havenensis***
*Dendrosinus bourreriae* Schwarz.

***Brachychiton acerifolium***
*Platypus subgranosus* Schedl.

***Brachychiton populneum***
*Platypus subgranosus* Schedl.

***Brachystegia nigerica***
*Doliopygus caesalpiniae* Roberts, *Platypus hintzi* Schaufuss.

***Brachystegia* spp.**
*Ambrosiodmus eichhoffi* (Schreiner), *Doliopygus interruptus* (Sampson), *Doliopygus mimicus* (Schedl), *Doliopygus spatiosus* (Schedl), *Premnobius cavipennis* Eichhoff.

***Brachystegia utilis***
*Glostatus seydeli* (Nunberg), *Polygraphus zambianus* Beaver.

***Brackenridgea hookeri***
*Crossotarsus squamulatus* Chapuis, *Xylosandrus mancus* (Blandford).

***Bradfordi* spp.**
*Hypothenemus eruditus* Westwood.

***Brannelia costaricensis***
*Platypus coronatus* Schedl.

***Breynia microphylla***
*Euwallacea xanthopus* (Eichhoff).

***Bridelia bridelifolia***
*Cyclorhipidion agnaticeps* (Schedl), *Xyleborus ruandae* Schedl.

***Bridelia retusa***
*Eccoptopterus spinosus* (Olivier), *Platypus uncinatus* Blandford.

***Bridelia sclereneuroides***
*Hypothenemus tungamwansolus* (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), *Phlocotribus setulosus* Eichhoff, *Pycnarthrum amersum* Wood.

***Brosimum* spp.**
*Phlocoborus scaber* Erichson, *Phlocotribus biguttatus* Blandford, *Phlocotribus pilula* (Erichson), *Phlocotribus setulosus* Eichhoff, *Pycnarthrum brosimi* Wood, *Pycnarthrum subcarinatum* Wood, *Xyleborus affinis* Eichhoff.

***Broussonetia kazinoki***
*Cryphalus exiguus* Blandford.

***Brownea* spp.**
*Araptus hymenaeae* (Eggers), *Araptus laevigatus* (Eggers), *Chramesus impolitus* Wood, *Dryocoetoides cristatus* (Fabricius), *Taurodemus bicornutus* (Wood), *Taurodemus splendidus* (Schaufuss), *Xyleborus volvulus* (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 vegestus* Wood.

***Buchanania arborescens***
*Xyleborinus andrewesi* (Blandford), *Xyleborus metacuneolus* 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 crudiae* (Panzer), *Hypothenemus eruditus* Westwood.

***Bucklandia populnea***
*Coccotrypes nubilus* (Blandford), *Diapus spatulifer* Browne.

***Buddleja* spp.**
*Xylosandrus compactus* (Eichhoff).

***Budianana sessilfolia***
*Hypothenemus javanus* (Eggers).

***Buka limlia***
*Crossotarsus bonvouloiri* Chapuis.

***Bumelia lanuginosa***
*Cnesinus strigicollis* LeConte.

***Bupleurum fruticosum***
*Triotemnus grangeri* (Peyerimhoff).

***Bupleurum spinosum***
*Triotemnus grangeri* (Peyerimhoff), *Triotemnus lepineyi* Balachowsky.

***Burkella* spp.**
*Diapus vomsis* Roberts, *Platypus vitiensis* Roberts.

***Bursaria spinosa***
*Cryphalus pilosellus* Erichson.

***Bursera capallifera***
*Schedlarius mexicanus* Duges.

***Bursera instabilis***
*Phlocoterus burserae* Wood.

***Bursera microphylla***
*Cactopinus desertus* Bright, *Dendroterus striatus* (LeConte).

***Bursera simarubra***

*Dendroterus eximius* Wood, *Dendroterus defectus* Wood, *Dendroterus parilis* Wood, *Dendroterus resolutus* Wood, *Dendroterus sallaei* 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 sallaei* Blandford, *Hypothenemus crudiae* (Panzer), *Hypothenemus seriatus* (Eichhoff), *Microborus mexicanus* Wood, *Pityophthorus burserae* Wood, *Pityophthorus indigens* Wood, *Pityophthorus nanus* Wood, *Pityophthorus nebulosus* Wood, *Xyleborus moridus* Blandford.

***Bussea occidentalis***

*Cylindropalpus auricomans* (Schaufuss), *Doliopygus brevis* (Strohmeyer), *Doliopygus conradti* (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, *Periommatus longicollis* Chapuis, *Pityophthorus busseae* Schedl, *Pityophthorus suturalis* Eggers, *Premnobius sexspinosus* Eggers, *Stephanopodius ghanaensis* (Schedl), *Triozastus elongatus* Schedl, *Xyleborinus sharpae* (Hopkins).

***Bussea* spp.**

*Scolytoplatypus occidentalis* Browne.

***Butea frondosa***

*Coccotrypes longior* (Eggers), *Euwallacea 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 macrowanii***

*Scolytoplatypus obtectus* Schedl.

***Buxus* spp.**

*Scolytoplatypus fasciatus* Hagedorn.

***Byronia sandwicensis***

*Xyleborus obliquus* Sharp, *Xyleborus perforans* (Wollaston).

***Byrsonima* spp.**

*Xylosandrus compactus* (Eichhoff).

***Caesalpinia decapetala***

*Pityophthorus mulungensis* Schedl, *Thamnurgus granulicollis* Schedl, *Xylocleptes 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 hymenaeae* (Eggers), *Cyrtogenius mulungensis* (Schedl), *Hypothenemus brunneus* (Hopkins), *Hypothenemus californicus* Hopkins, *Hypothenemus eruditus* Westwood, *Hypothenemus gossypii* (Hopkins), *Hypothenemus seriatus* (Eichhoff).

***Calamus caesius***

*Xylosandrus morigerus* (Blandford).

***Calamus* spp.**

*Ambrosiodmus brunneipes* (Eggers), *Euwallacea limatus* (Schedl), *Hypothenemus eruditus* Westwood, *Leptoxyleborus concisus* (Blandford), *Xyleborus scabricollis* (Schedl), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus morigerus* (Blandford).

***Caldcluvia* spp.**

*Diapus nebulosus* Roberts, *Diapus unispineus* Roberts.

***Calliandra confusa***

*Hypothenemus opacus* (Eichhoff), *Hypothenemus seriatus* (Eichhoff), *Micracis grandis* Schedl, *Thysanoes neotropicalis* Wood, *Tricolus senex* Schedl, *Xylosandrus zimmermanni* (Hopkins).

***Calliandra houstoniana***

*Micracis festivus* Wood.

***Callicarpa* spp.**

*Hypothenemus seriatus* (Eichhoff), *Xylosandrus compactus* (Eichhoff).

***Callitris articulata***

*Phloeosinus bicolor* (Brulle).

***Calodendrum capensis***

*Pityophthorus kenyae* Schedl.

***Caloncition tamnifolium***

*Scolytogenes knabi* (Hopkins).

***Caloncobia welwitschii***

*Cryptocarenus 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 sulcatulus* 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 truncatulus* Browne, *Xylosandrus crassiusculus* (Motschulsky).

***Calophyllum vitiense***

*Platypus vitiensis* Roberts.

***Calophyllum walkeri***

*Arixyleborus seminitens* (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 severini* 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 vestitus* Blandford, *Euwallacea 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***
*Euwallacea 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 artocarpi* Browne, *Platypus hospes* Schedl, *Platypus jansoni* Chapuis, *Platypus solidus* Walker.

***Cananga odorata***
*Crossotarsus mniszechi* Chapuis, *Platypus biuncus* Blandford.

***Canarium australasicum***
*Platypus queenslandi* Schedl.

***Canarium boivin***
*Mitosoma crenulatum* Chapuis, *Xyleborus alluaudi* Schaufuss.

***Canarium commune***
*Arixyleborus malayensis* (Schedl), *Cryphalus duplosquamosus* Schedl, *Xyleborinus andrewesi* (Blandford), *Xyleborus affinis* Eichhoff.

***Canarium euphyllum***
*Arixyleborus mediosectus* (Eggers), *Arixyleborus medius* (Eggers), *Bothinodroctonus setosus* Wood, *Coccotrypes vulgaris* (Eggers), *Coptodryas perparva* (Sampson), *Crossotarsus externedentatus* (Fairmaire), *Cryphalus scabricollis* Eichhoff, *Diapus quinquespinatus* Chapuis, *Eccoptopterus spinosus* (Olivier), *Genyocerus dipterocarpi* Browne, *Xyleborinus andrewesi* (Blandford), *Xyleborinus exiguus* (Walker), *Xyleborus bidentatus* (Motschulsky), *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

***Canarium indicum***
*Crossotarsus ventricornis* Schedl, *Platypus solidus* Walker.

***Canarium littorale***
*Cnestus aterrimus* (Eggers), *Crossotarsus schedli* Browne, *Cyclorhipidion foersteri* (Hagedorn), *Cyclorhipidion pruinosum* (Blandford), *Hadrodemius globus* (Blandford), *Hypocrypalus malayensis* Schedl, *Xyleborinus perminutissimus* (Schedl).

***Canarium patentinervium***
*Cyclorhipidion pruinosum* (Blandford).

***Canarium schweinfurthii***
*Acanthotomicus caelatus* (Schedl), *Ambrosiodmus tropicus* (Hagedorn), *Chaetastus tuberculatus* (Chapuis), *Diapus quinquespinatus* Chapuis, *Doliopygus conradti* (Strohmeyer), *Doliopygus gluesquierei* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus staneri* Schedl, *Periommatus grandis* Schedl, *Periommatus longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus solutus* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius).

***Canarium* spp.**
*Ambrosiodmus ovatus* (Eggers), *Ambrosiodmus tropicus* (Hagedorn), *Coccotrypes gedeanus* (Eggers), *Coptoborus capucinulus* (Schedl), *Cyclorhipidion cachani* (Schedl), *Cyclorhipidion foersteri* (Hagedorn), *Cyrtogenius grossepunctatus* (Schedl), *Diapus amblylaminatus* Roberts, *Diapus oomsis* Roberts, *Diapus pusillimus* Chapuis, *Euwallacea xanthopus* (Eichhoff), *Hypocryphalus striatus* Hopkins, *Leptoxyleborus concisus* (Blandford), *Mitosoma sexspinosum* 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 alluaudi* Schaufuss, *Xyleborus canarii* Browne, *Xyleborus conradti* 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 vitiense***
*Platypus vitiensis* 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), *Cryptocarenus heveae* (Hagedorn), *Cryptocarenus lepidus* Wood, *Cryptocarenus seriatus* Eggers, *Hypothenemus plumeriae* (Nord-

linger), *Hypothenemus teretis* Wood, *Stegomerus chiriquensis* Wood, *Stegomerus pygmaeus* Wood.

***Caudiosperma holacobium***
*Scolytogenes knabi* (Hopkins).

***Canella* spp.**
*Cnesinus novateutonicus* Schedl.

***Cannabis sativa***
*Xylosandrus crassiusculus* (Motschulsky).

***Canthium dewevrei***
*Cylindropalpus laudatus* (Schedl), *Doliopygus conradti* (Strohmeyer), *Premnobius quadrispinosus* Schedl, *Premnobius robustulus* (Schedl).

***Canthium didymum***
*Cyclorhipidion foersteri* (Hagedorn).

***Canthium oddoni***
*Dryocoetoides cristatus* (Fabricius), *Xyleborus piceus* (Motschulsky).

***Canthium* spp.**
*Ctonoxylon atrum* Browne.

***Capparis bifolia***
*Hypothenemus californicus* Hopkins, *Hypothenemus gossypii* (Hopkins).

***Capparis nobilis***
*Hypocryphalus nigrosetosus* Schedl.

***Capsicum* spp.**
*Hypothenemus eruditus* Westwood.

***Caragana* spp.**
*Scolytus schevyrewi* Semenov.

***Carallia lucida***
*Coccotrypes cyperi* (Beeson).

***Carallia suffruticosa***
*Platypus solidus* Walker.

***Carallia* spp.**
*Platypus jansoni* Chapuis.

***Carapa grandiflora***
*Cylindropalpus granulosus* (Schedl), *Doliopygus nitidulus* Schedl, *Pityophthorus togonus* Eggers, *Polygraphus dimorphus* Schedl, *Polygraphus granulatus* Eggers, *Polygraphus granulifer* Eggers, *Polygraphus kivuensis* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasipennis* Schedl.

***Carapa guianensis***
*Liparthrum carapae* Wood.

***Carapa obovata***
*Coccotrypes barbatus* (Schedl), *Coccotrypes fallax* (Eggers).

***Carapa procera***
*Chaetastus tuberculatus* (Chapuis), *Cyrtogenius mayumbensis* (Schedl), *Doliopygus carapae* Schedl, *Doliopygus conradti* (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, *Premnobius sexspinosus* Eggers, *Xyleborus affinis* Eichhoff, *Xyleborus piceus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).

***Carapa* spp.**
*Ambrosiodmus tropicus* (Hagedorn), *Scolytoplatypus kivuensis* Schedl, *Scolytoplatypus mikado* Blandford, *Xyleborus bidentatus* (Motschulsky).

***Cardwellia sublimis***
*Coptodryas eucalyptica* (Schedl), *Xyleborus insulindicus* Eggers, *Xyleborus perforans* (Wollaston).

***Careya arborea***
*Coccotrypes cyperi* (Beeson), *Crossotarsus emorsus* Beeson, *Platypus errans* (Sampson), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus butamali* (Beeson).

***Cargotus urenus***
*Coccotrypes dactyliperda* (Fabricius).

***Carica papaya***
*Crossotarsus externedentatus* (Fairmaire), *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Xyleborus perforans* (Wollaston), *Xylosandrus crassiusculus* (Motschulsky).

***Carnegiea gigantea***
*Cactopinus hubbardi* Schwarz.

***Carpinus betulus***
*Ernoporicus fagi* (Fabricius), *Ernoporus shimanensis* Murayama, *Lymantor coryli* (Perris), *Scolytus azerbaidzhanicus* Michalski, *Scolytus jacobsoni* (Spessivtsev), *Scolytus scolytus* (Fabricius), *Scolytus varshalovitchi* Michalski, *Taphrorychus villifrons* (Dufour), *Trypodendron domesticum* (Linnaeus).

***Carpinus caroliana***
*Hypothenemus eruditus* Westwood.

***Carpinus carpinoides***
*Xyleborus atratus* 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 carpinivorus* Murayama, *Dryocoetes carpinivorus* 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 tschonoskii***
*Crossotarsus niponicus* Blandford, *Euwallacea validus* (Eichhoff), *Xyleborus seriatus* Blandford.

***Carpinus turczaninowii***
*Xyleborus dispar* (Fabricius).

***Carpodinus subrepanda***
*Ctonoxylon flavescens* Hagedorn, *Pseudomicracis bugekeae* (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 devexulus* (Wood), *Ambrosiodmus lecontei* Hopkins, *Ambrosiodmus obliquus* (LeConte),

*Ambrosiodmus rubricollis* (Eichhoff), *Ambrosiodmus tachygraphus* (Zimmermann), *Chramesus atkinsoni* Wood, *Chramesus hicoriae* LeConte, *Cnesinus strigicollis* LeConte, *Hylocurus bicornus* (Blackman), *Hylocurus binodatus* Wood, *Hylocurus harnedi* (Blackman), *Hylocurus prolatus* Wood, *Hylocurus rudis* (LeConte), *Hylocurus spadix* Blackman, *Hylocurus torosus* Wood, *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus interstitialis* (Hopkins), *Hypothenemus seriatus* (Eichhoff), *Micracisella opacicollis* (LeConte), *Monarthrum fasciatum* (Say), *Platypus compositus* Say, *Pseudopityophthorus minutissimus* (Zimmermann), *Pseudothysanoes dislocatus* (Blackman), *Scolytus quadrispinosus* Say, *Thysanoes fimbricornis* LeConte, *Thysanoes lobdelli* Blackman, *Thysanoes pallens* Wood, *Trischidias atomus* (Hopkins), *Xyleborus celsus* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus sayi* (Hopkins), *Xylosandrus germanus* (Blandford), *Xyloterinus politus* (Say).

***Caryota* spp.**
*Xylosandrus crassiusculus* (Motschulsky).

***Caryota ureus***
*Euwallacea fornicatus* (Eichhoff).

***Casearia congensis***
*Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Platypus spinulosus* (Strohmeyer), *Xyleborus alluaudi* Schaufuss, *Xyleborus piceus* (Motschulsky).

***Casearia glomerata***
*Euwallacea sibsagaricus* (Eggers), *Euwallacea velatus* (Sampson), *Euwallacea wallacei* (Blandford).

***Casearia* spp.**
*Hylesinus cascariae* Wood.

***Casimiroa* spp.**
*Xylosandrus compactus* (Eichhoff).

***Cassia alata***
*Euwallacea fornicatus* (Eichhoff).

***Cassia didymobotrya***
*Xyleborus alluaudi* Schaufuss, *Xyleborus piceus* (Motschulsky).

***Cassia fistula***
*Crossotarsus externedentatus* (Fairmaire), *Dryocoetoides cristatus* (Fabricius), *Dryocoetoides pseudosolitarius* (Eggers), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus mancus* (Blandford).

***Cassia florida***
*Hypothenemus birmanus* (Eichhoff).

***Cassia glauca***
*Hypothenemus seriatus* (Eichhoff).

***Cassia grandis***
*Coccotrypes carpophagus* (Hornung).

***Cassia javanica***
*Cryphalus capucinus* Schedl, *Platypus geminatus* Chapuis.

***Cassia laevigata***
*Ambrosiodmus aegir* (Eggers).

***Cassia lindheimeriana***
*Chramesus mimosae* Blackman.

***Cassia multijuja***
*Xylosandrus compactus* (Eichhoff), *Xylosandrus discolor* (Blandford), *Xylosandrus morigerus* (Blandford).

***Cassia nodosa***
*Crossotarsus externedentatus* (Fairmaire), *Hypothenemus crudiae* (Panzer).

***Cassia parkii***
*Hypothenemus morio* (Eggers).

***Cassia siamea***
*Ambrosiodmus bostrichoides* (Schedl), *Cyclorhipidion crucifer* (Hagedorn), *Doliopygus chapuisi* (Duvivier), *Doliopygus perminutissimus* (Schedl), *Euwallacea fornicatus* (Eichhoff), *Hypothenemus biseriatus* (Eggers), *Hypothenemus eruditus* Westwood, *Hypothenemus mulongensis* (Eggers), *Platypus compositus* Say, *Platypus pseudocupulatus* Schedl, *Premnobius corthyloides* Hagedorn, *Premnobius longus* Eggers, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky), *Xyleborus volvulus* (Fabricius), *Xylosandrus compactus* (Eichhoff), *Xylosandrus germanus* (Blandford).

***Cassia* spp.**
*Acanthotomicus euphorbiae* (Schedl), *Crossotarsus externedentatus* (Fairmaire), *Doliopygus malkini* Schedl, *Hypothenemus glabripennis* (Hopkins), *Hypothenemus opacus* (Eichhoff), *Premnobius cavipennis* Eichhoff, *Pseudothysanoes concentralis* Wood, *Pseudoxylechinus rugatus* Wood & Huang, *Xyleborus horridus* Eichhoff, *Xylosandrus compactus* (Eichhoff).

***Cassia tora***
*Xylosandrus compactus* (Eichhoff).

***Cassinae* spp.**
*Lanurgus spathulatus* Schedl, *Lanurgus xylographus* Schedl.

***Cassipourea elliottii***
*Doliopygus ghesquierei* (Schedl), *Platypus orientalis* (Strohmeyer).

***Cassipourea gummiflua***
*Platypus sampsoni* (Schedl).

***Cassipourea* spp.**
*Doliopygus nairobiensis* (Schedl), *Platypus madagascariensis* Chapuis, *Platypus pennatus* Schedl, *Scolytoplatypus kivuensis* Schedl, *Xyleborinus adunctus* (Schedl), *Xyleborinus signatipennis* (Schedl), *Xylosandrus hirsutipennis* (Schedl).

***Castanea argentea***
*Arixyleborus castaneae* Schedl, *Baiocis perinimicus* (Schedl), *Coptodryas myristicae* (Schedl), *Crossotarsus nitidulus* (Schedl), *Crossotarsus terminatus* Chapuis, *Diapus quinquespinatus* 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, *Euwallacea validus* (Eichhoff), *Platypus calamus* Blandford, *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus ashuensis* Murayama, *Xyleborus ganshoensis* Murayama, *Xyleborus laetus* Niisima, *Xyleborus shionomisakiensis* Murayama, *Xyleborus volvulus* (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, *Trischidias atomus* (Hopkins).

***Castanea javanica***
*Baiocis perinimicus* (Schedl), *Diapus aculeatus* Blandford, *Diapus minor* Schedl, *Leptoxyleborus semigranulatus* (Schedl), *Platypus sexporus* (Schedl), *Platypus strigillatus* Schedl, *Xylosandrus crassiusculus* (Motschulsky).

***Castanea pubinervis***
*Neoptelcobius scutulatus* (Blandford), *Xyleborus volvulus* (Fabricius).

***Castanea pumila***
*Thysanoes lobdelli* Blackman.

***Castanea* spp.**
*Amasa schlichi* (Stebbing), *Ambrosiodmus rubricollis* (Eichhoff), *Hypothenemus eruditus* Westwood, *Platypus cylindrus* (Fabricius), *Xyleborus ferrugineus* (Fabricius), *Xyleborus pfeili* (Ratzeburg), *Xyleborus sayi* (Hopkins), *Xylosandrus mutilatus* (Blandford), *Xyloterinus politus* (Say).

***Castanea tungurrut***
*Arixyleborus minor* (Eggers), *Diapus aculeatus* Blandford, *Platypus sexporus* (Schedl), *Xyleborinus andrewesi* (Blandford).

***Castanea vesca***
*Platypus Cylindrus* (Fabricius), *Taphroryclus villifrons* (Dufour), *Xyleborus dryographus* (Ratzeburg), *Xyleborus monographus* (Fabricius).

***Castanopsis accuminatissima***
*Arixyleborus sus* (Schedl), *Crossotarsus chalcographus* Schedl, *Crossotarsus terminatus* Chapuis, *Diapus bispinus* Schedl, *Diapus nanus* Schedl, *Platypus apicatus* Schedl, *Platypus circularicceps* 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 calamus* Blandford, *Platypus quercivorus* Murayama, *Xyleborus atratus* Eichhoff, *Xyleborus seiryorensis* Murayama.

***Castanopsis fargesii***
*Scolytoplatypus supercilliosus* Tsai & Huang.

***Castanopsis hystrix***
*Coccotrypes nubilus* (Blandford), *Diapus quadrispinatus* Chapuis, *Diapus quinquespinatus* Chapuis, *Diapus spatulifer* Browne, *Indocryphalus intermedius* (Sampson).

***Castanopsis indica***
*Ambrosiodmus lewisi* (Blandford), *Euwallacea interjectus* (Blandford).

***Castanopsis kawakamii***
*Platypus taiheizanensis* (Murayama).

***Castanopsis megacarpa***
*Arixyleborus leprosulus* Schedl.

***Castanopsis* spp.**
*Amasa schlichi* (Stebbing), *Ambrosiodmus apicalis* (Blandford), *Arixyleborus canaliculatus* (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 nanodontus* Roberts, *Diapus nanus* Schedl, *Diapus nebulosus* Roberts, *Diapus papuanus* Schedl, *Diapus perpygmaeus* Roberts, *Diapus pusillimus* Chapuis, *Diapus robustus* Schedl, *Diapus turgidus* Roberts, *Diapus unispineus* Roberts, *Hyledius tuberculosus* (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 armipennis* 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***
*Amasa schlichi* (Stebbing), *Arixyleborus leprosulus* Schedl, *Arixyleborus suturalis* (Eggers), *Baiocis pernanulus* (Schedl), *Cnestus aterrimus* (Eggers), *Coptoborus longicauda* (Browne), *Coptodryas nugax* (Schedl), *Crossotarsus decliviornatus* (Schedl), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus longicollis* Browne, *Crossotarsus schedli* Browne, *Crossotarsus squamulatus* Chapuis, *Cyclorhipidion punctatopilosum* (Schedl), *Eccoptopterus limbus* Sampson, *Indocryphalus tropicus* (Browne), *Platypus dignus* Schedl, *Platypus pseudosolidus* Schedl, *Platypus quercinus* Schedl, *Xyleborinus andrewesi* (Blandford), *Xyleborus latus* Eggers.

***Castanopsis tribuloides***
*Crossotarsus externedentatus* (Fairmaire), *Diapus quinquespinatus* Chapuis, *Euwallacea bicolor* (Blandford), *Platypus cavus* Strohmeyer, *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 andrewesi* (Blandford).

***Castilloa costaricensis***
*Platypus hians* Chapuis.

***Castilloa elastica***
*Xyleborus affinis* Eichhoff.

***Castilloa* spp.**
*Doliopygus brevis* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer).

***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 tirioensis* Reichardt.

***Cattleya* spp.**
*Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

***Cayaponia ficifolia***
*Dendrocranulus barbatus* Schedl, *Dendrocranulus tayuyaensis* Schedl.

***Cayaponia microdonta***
*Dendrocranulus consimilis* Wood, *Dendrocranulus costaricensis* Schedl, *Dendrocranulus diversus* Wood, *Dendrocranulus guatemalensis* (Hopkins), *Dendrocranulus maurus* (Blandford), *Dendrocranulus tardus* Schedl, *Dendrocranulus vicinus* Wood, *Hypothenemus plumeriae* (Nordlinger).

***Ceanothus integerrimus***
*Pseudothysanoes spinura* Wood, *Stenoclyptus sulcatus* (Bruck).

***Ceanothus* spp.**
*Hylocurus hirtellus* (LeConte).

***Cecropia peltata***
*Corthylus cecropii* Wood, *Platypus dentatus* Dalman, *Scolytodes cecropiavorus* Wood, *Scolytodes cecropii* (Schedl), *Scolytodes piceus* (Blandford), *Tricolus cecropii* Wood, *Xyleborus affinis* Eichhoff.

***Cecropia* spp.**
*Araptus costaricensis* (Schedl), *Chramesus cecropiae* Wood, *Corthycyclon tardum* Wood, *Corthylus nanus* Wood, *Corthylus strigilis* Wood, *Hypothenemus seriatus* (Eichhoff), *Hypothenemus setosus* (Eichhoff), *Hypothenemus suspectus* Wood, *Hypothenemus teretis* Wood, *Scolytodes acares* Wood, *Scolytodes anceps* Wood, *Scolytodes blandfordi* (Schedl), *Scolytodes cecropicolens* Wood, *Scolytodes chapuisi* Wood, *Scolytodes festus* Wood, *Scolytodes glaberescens* Wood, *Scolytodes jucundus* Wood, *Scolytodes maurus* (Blandford), *Scolytodes parvulus* Wood, *Scolytodes perditus* Wood, *Scolytodes suturalis* Wood, *Theoborus incultus* (Wood), *Tricolus intrusus* Wood, *Tricolus nodifer* Blandford, *Xyleborinus tribuloides* Wood, *Xyleborus spinulosus* Blandford.

***Cedrela fissilis***
*Ambrosiodmus catharinensis* (Eggers), *Monarthrum bicallosum* (Schedl), *Platypus pulicaris* Chapuis, *Platypus quadrispinatus* Chapuis, *Tesserocerus guerini* Chapuis, *Tesserocerus insignis* (Saunders), *Xyleborinus gracilis* (Eichhoff), *Xyleborinus opimulus* (Schedl), *Xyleborinus sentosus* (Eichhoff), *Xylosandrus retusus* (Eichhoff).

***Cedrela mexicana***
*Ambrosiodmus devexulus* (Wood), *Ambrosiodmus hagedorni* (Iglesias), *Ambrosiodmus lecontei* Hopkins, *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Phlocotribus setulosus* Eichhoff, *Platypus clunis* Wood, *Platypus hintzi* Schaufuss, *Pycnarthrum lucidum* Wood, *Scolytodes cedrelae* Wood, *Xyleborus volvulus* (Fabricius).

***Cedrela odorata***
*Crossotarsus externedentatus* (Fairmaire), *Doliopygus chapuisi* (Duvivier).

***Cedrela serrata***
*Carchesiopygus psilicanthurus* (Beeson), *Crossotarsus musooriensis* Beeson, *Crossotarsus wilmoti* (Stebbing).

***Cedrela* spp.**
*Camptocerus auricomus* Blandford, *Dendrocranulus brasiliensis* (Schedl), *Mitosoma lobatum* Schedl, *Mitosoma obliquatum* Schedl, *Mitosoma obconiceps* Schedl, *Scolytodes swieteniae* (Blackman), *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (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 belti* Sharp.

***Cedrus atlantica***
*Hylurgops batnensis* (Brisout), *Hylurgops bonvouloiri* (Chapuis).

***Cedrus deodara***
*Crossotarsus coniferae* Stebbing, *Crossotarsus fairmairei* Chapuis, *Crossotarsus wilmoti* (Stebbing), *Crypturgus beesoni* 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), *Phlocosinus acatayi* Schedl.

***Cedrus libanotica***
*Carphoborus minimus* (Fabricius), *Crypturgus numidicus* Ferrari, *Ips robustus* (Knotek), *Phlocosinus 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 ceibae* Hopkins, *Scolytodes retifer* Wood.

***Ceiba thonningii***
*Doliopygus conradti* (Strohmeyer), *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Celtis adolfi-frederici***
*Doliopygus retusus* Schedl, *Doliopygus serratus* (Strohmeyer), *Platypus intermedius* (Schedl), *Trachyostus aterrimus* (Schaufuss).

***Celtis africana***
*Stromboplorus capensis* Schedl.

***Celtis brieyi***
*Chaetastus tuberculatus* (Chapuis), *Chortastus cameruns* Schaufuss, *Doliopygus artespinatus* (Schedl), *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus ghesquierei* (Schedl), *Doliopygus jurioni* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus subdolosus* Schedl, *Hypothenemus pubipennis* (Eggers), *Periommatus circularis* Schedl, *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Platy-*

*pus hintzi* Schaufuss, *Platypus intermedius* (Schedl), *Platypus solutus* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schouteden*i (Schedl), *Triozastus marshalli* (Sampson), *Xyleborinus spinipes* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus subtuberculatus* Eggers.

***Celtis brownii***

*Doliopygus conradti* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Periommatus grandis* Schedl, *Periommatus longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).

***Celtis durandii***

*Chaetastus tuberculatus* (Chapuis), *Strombophorus celtis* Schedl, *Xyleborus alluaudi* Schaufuss.

***Celtis iguanae***

*Chramesus orinocensis* Wood, *Chramesus subopacus* Schaeffer, *Hypothenemus brunneus* (Hopkins), *Micracis festivus* Wood, *Micracis swainei* 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 ursulus* (Eggers).

***Celtis mildbraedii***

*Ambrosiodmus opacithorax* (Schedl), *Chaetastus tuberculatus* (Chapuis), *Cyclorhipidion 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 ghesquiereri* (Schedl), *Doliopygus lebruni* 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 subditicus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Periommatus 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 piceus* (Motschulsky), *Xyleborus volvulus* (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, *Euwallacea validus* (Eichhoff).

***Celtis soyauxii***

*Chaetastus tuberculatus* (Chapuis), *Dactylipalpus camerunus* 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, *Periommatus bispinus* Strohmeyer, *Periommatus grandis* Schedl, *Periommatus longicollis* Chapuis, *Platypus solutus* Schedl, *Premnobius ambitiosus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius).

***Celtis spp.***

*Ambrosiodmus albizzianus* (Schedl), *Ambrosiodmus eichhoffi* (Schreiner), *Ambrosiodmus obliquus* (LeConte), *Chramesus chapuisi* LeConte, *Chramesus subopacus* Schaeffer, *Coptoborus usagaricus* (Eggers), *Cyclorhipidion crucifer* (Hagedorn), *Cyclorhipidion crucipenne* (Schedl), *Cylindropalpus sulcatulus* 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), *Periommatus grandis* Schedl, *Platypus lesiniformis* Roberts, *Platypus solidus* Walker, *Premnobius cavipennis* Eichhoff, *Premnobius sexspinosus* Eggers, *Pseudothysanoes lecontei* Blackman, *Scolytogenes onyanganus* (Schedl), *Scolytoplatypus kivuensis* Schedl, *Scolytus fagi* Walsh, *Thysanoes fimbricornis* 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***

*Ambrosiodmus camphorae* (Hagedorn), *Chaetastus tuberculatus* (Chapuis), *Cyclorhipidion sulcipenne* (Eggers), *Cyclorhipidion tecleae* (Schedl), *Doliopygus artespinatus* (Schedl), *Doliopygus conradti* (Strohmeyer), *Periommatus excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Rhopalopselion conjungens* Schedl, *Strombophorus ericius* (Schaufuss), *Trachyostus aterrimus* (Schaufuss), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus consobrinus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus subtuberculatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

***Centrosema plumieri***

*Hypothenemus eruditus* Westwood, *Xylosandrus morigerus* (Blandford).

***Cephalosphaera usambariensis***

*Doliopygus bidentatus* (Strohmeyer), *Platypus hintzi* Schaufuss.

***Cerasus avium***
*Platypus cylindrus* (Fabricius).

***Ceratonia siliqua***
*Platypus solidus* Walker, *Taphrorychus ceratoniae* Peyerimhoff.

***Ceratonia* spp.**
*Araptus hymenaeae* (Eggers).

***Ceratopetalum succirubrum***
*Platypus australis* Chapuis.

***Cerbera manghas***
*Scolytogenes granulatus* (Wood).

***Cerbera odollum***
*Platypus vitiensis* Roberts.

***Cercidiphyllum japonicum***
*Neopteleobius scutulatus* (Blandford), *Platypus modestus* Blandford, *Xyleborus aquilus* Blandford.

***Cercidium microphyllum***
*Chaetophloeus parkinsoniae* (Blackman).

***Cercidium* spp.**
*Hylocurus parkinsoniae* Blackman.

***Cercis canadensis***
*Hypothenemus eruditus* Westwood, *Hypothenemus interstitialis* (Hopkins), *Hypothenemus rotundicollis* (Eichhoff), *Micracis suturalis* LeConte, *Micracis swainei* Blackman, *Pityophthorus lautus* Eichhoff.

***Cercis siliquastrum***
*Carphoborus perrisi* (Chapuis).

***Cercis* spp.**
*Ambrosiodmus rubricollis* (Eichhoff), *Ambrosiodmus tachygraphus* (Zimmermann).

***Cercocarpus* spp.**
*Chaetophloeus heterodoxus* (Casey), *Corthylus 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***
*Cnemonyx furvescens* Wood, *Xyleborinus dirus* Wood, *Xyleborus affinis* Eichhoff.

***Cestrum scandens***
*Chramesus bicolor* Wood, *Scolytogenes parvatis* (Wood), *Stegomerus pygmaeus* Wood.

***Cestrum* spp.**
*Xylosandrus compactus* (Eichhoff).

***Chaetacme* spp.**
*Doliopygus excavatus* (Sampson).

***Chamaecyparis formosanus***
*Phloeosinus arisanus* Niisima.

***Chamaecyparis nootkatensis***
*Phloeosinus cupressi* Hopkins, *Phloeosinus keeni* Blackman, *Phloeosinus punctatus* LeConte, *Phloeosinus sequoiae* Hopkins.

***Chamaecyparis obtusa***
*Cryphalus chamaecipariae* Niisima, *Euwallacea validus* (Eichhoff), *Phloeosinus gifuensis* Murayama, *Phloeosinus rudis* Blandford, *Phloeosinus sannohensis* Murayama, *Phloeosinus seriatus* Blandford, *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus aquilus* Blandford, *Xyleborus pfeili* (Ratzeburg), *Xylosandrus germanus* (Blandford).

***Chamaecyparis* spp.**
*Phloeosinus lewisi* Chapuis, *Phloeosinus perlatus* Chapuis, *Phloeosinus thujae* (Perris), *Xyleborus seriatus* Blandford.

***Chamaecyparis thyoides***
*Phloeosinus 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 hiiaka* Samuelson, *Xyleborus kauaiensis* Perkins, *Xyleborus pele* Samuelson, *Xyleborus temetinicus* Beeson.

***Cheirodendron trigynum***
*Xyleborus mauiensis* Perkins, *Xyleborus molokaiensis* Perkins.

***Chenopodium ambrosioides***
*Cryptocarenus seriatus* Eggers.

***Chenopodium* spp.**
*Euwallacea xanthopus* (Eichhoff), *Xyleborus principalis* Eichhoff.

***Chisocheton glomeratus***
*Leptoxyleborus concisus* (Blandford).

***Chlorocodon whiteii***
*Mimiocurus congonus* (Schedl).

***Chlorophora excelsa***
*Chaetastus tuberculatus* (Chapuis), *Cyclorhipidion crucipenne* (Schedl), *Cylindropalpus laudatus* (Schedl), *Cyrtogenius chlorophorae* (Schedl), *Doliopygus conradti* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquierei* (Schedl), *Doliopygus lateralis* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Euwallacea fornicatus* (Eichhoff), *Hypothenemus biseriatus* (Eggers), *Periommatus angustior* Schedl, *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Periommatus nitidicollis* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Platypus parallelus* (Fabricius), *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus consobrinus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus subtuberculatus* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Chloroxylon swietenia***
*Cnestus magnus* Sampson, *Platypus solidus* Walker, *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford).

***Chomelia* spp.**
*Euwallacea 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 conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus lebruni* Schedl, *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Periommatus 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 conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Periommatus grandis* Schedl, *Periommatus longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Xyloctonus quadricinctus* Schedl.

***Chrysophyllum boivinianum***
*Mitosoma accuratum* Schaufuss, *Mitosoma excisum* Schaufuss, *Mitosoma obliquatum* Schedl, *Mitosoma paulianum* Schedl, *Platypus madagascariensis* Chapuis, *Xyleborinus diapiformis* (Schedl), *Xyleborinus forficuloides* (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 conradti* (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), *Periommatus 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 conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus ghesquierei* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus maynei* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Periommatus longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus schenklingi* (Strohmeyer), *Trachyostus aterrimus* (Schaufuss), *Xyleborus affinis* Eichhoff, *Xyleborus multispinatus* Eggers, *Xyleborus volvulus* (Fabricius).

***Chrysophyllum roxburghii***
*Coptodryas alpha* (Beeson), *Coptodryas chrysophylli* (Eggers), *Coptodryas perparva* (Sampson), *Platypus forficula* Chapuis, *Platypus pseudocupulatus* Schedl.

***Chrysophyllum* spp.**
*Cylindropalpus auricomans* (Schaufuss), *Cylindropalpus granulosus* (Schedl), *Cylindropalpus pertinax* (Schedl), *Dactylipalpus growvellei* (Blandford), *Doliopygus retusus* Schedl, *Hypothenemus camerunus* (Eggers), *Premnobius cavipennis* Eichhoff, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyloctonus opacus* Schedl, *Xylosandrus crassiusculus* (Motschulsky).

***Chrysophyllum subnudum***
*Xyleborus alluaudi* Schaufuss.

***Cicer arietinum***
*Araptus hymenaeae* (Eggers).

***Cillaeus contractus***
*Strombophorus vagans* Schedl.

***Cinchona calisaya***
*Euwallacea fornicatus* (Eichhoff).

***Cinchona ledgeriana***
*Ambrosiodmus aegir* (Eggers), *Crossotarsus horui* Schedl, *Eccoptopterus spinosus* (Olivier), *Euwallacea xanthopus* (Eichhoff), *Hylesinopsis seriatus* (Eggers), *Rhopalopselion congonum* (Schedl), *Scolytoplatypus hova* Schaufuss, *Xyleborus principalis* Eichhoff, *Xyleborinus quadrispinosus* (Eichhoff).

***Cinchona* spp.**
*Arixyleborus tuberculatus* (Eggers), *Cnestus aterrimus* (Eggers), *Cnestus bicornis* (Eggers), *Coptoborus usagaricus* (Eggers), *Euwallacea xanthopus* (Eichhoff), *Leptoxyleborus concisus* (Blandford), *Scolytoplatypus nitidus* Eggers, *Scolytoplatypus permirus* 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***
*Ambrosiodmus camphorae* (Hagedorn), *Platypus madagascariensis* Chapuis, *Scolytoplatypus hova* Schaufuss, *Xyleborinus aduncus* (Schedl), *Xyleborinus quadrispinosus* (Eichhoff), *Xyleborus malgasicus* Schedl.

***Cinnamomum baileyanum***
*Xyleborus perforans* (Wollaston).

***Cinnamomum camphora***
*Ambrosiodmus lewisi* (Blandford), *Arixyleborus camphorae* (Eggers), *Baiocis perinimicus* (Schedl), *Cnestus murayamai* Schedl, *Coptodryas izuensis* (Murayama), *Crossotarsus externedentatus* (Fairmaire), *Diapus minor* Schedl, *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Leptoxyleborus semigranulatus* (Schedl), *Phlocosinus camphoratus* Tsai & Yin, *Phlocosinus kumamotoensis* Murayama, *Phlocosinus machilus* (Schedl), *Phlocosinus seriatus* Blandford, *Platypus fraterculus* Schedl, *Platypus substriatus* (Schedl), *Platypus vethi* Strohmeyer, *Scolytoplatypus mikado* Blandford, *Taphroryclus 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 gravidus* (Blandford).

***Cinnamomum impressinerrium***
*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***
*Amasa amputatus* (Blandford).

***Cinnamomum obtusifolium***
*Ambrosiodmus lewisi* (Blandford), *Sueus niisimai* (Eggers), *Xylosandrus subsimilis* (Eggers).

***Cinnamomum randaiense***
*Xyleborus atratus* Eichhoff.

***Cinnamomum* spp.**
*Amasa amputatus* (Blandford), *Ambrosiodmus rubricollis* (Eichhoff), *Crossotarsus rengentensis* Niisima & Murayama, *Crossotarsus squamulatus* Chapuis, *Euwallacea barbatus* (Hagedorn), *Euwallacea fornicatus* (Eichhoff), *Hadrodemius globus* (Blandford), *Platypus capito* Browne, *Platypus secretus* Sampson, *Platypus semigranosus* (Sampson), *Platypus solidus* Walker, *Platypus strenuus* Schedl, *Xyleborinus andrewesi* (Blandford), *Xyleborus adusticollis* (Motschulsky), *Xyleborus artecylindrus* Schedl, *Xyleborus justus* Schedl, *Xyleborus pfeili* (Ratzeburg), *Xylosandrus arquatus* (Sampson), *Xylosandrus ater* (Eggers), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus compactus* (Eichhoff).

***Cinnamomum zeylanicum***
*Coccotrypes cinnamomi* (Eggers), *Coccotrypes dactyliperda* (Fabricius), *Coptodryas nudipennis* (Schedl), *Xyleborinus andrewesi* (Blandford), *Xyleborinus subgranulatus* (Eggers), *Xyleborus perforans* (Wollaston), *Xylosandrus compactus* (Eichhoff), *Xylosandrus nudipennis* (Schedl).

***Cistanthera leplaei***
*Cylindropalpus auricomans* (Schaufuss), *Doliopygus serratus* (Strohmeyer), *Platypus intermedius* (Schedl), *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl.

***Cistanthera papaverifera***
*Doliopygus conradti* (Strohmeyer), *Xyleborus africanus* Eggers.

***Cistanthera* spp.**
*Doliopygus conradti* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Platypus parallelus* (Fabricius), *Polygraphus kasukumbii* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xylosandrus compactus* (Eichhoff).

***Citrus aurantifolia***
*Hypothenemus columbi* Hopkins, *Hypothenemus seriatus* (Eichhoff), *Theoborus ricini* (Eggers).

***Citrus aurantium***
*Ambrosiodmus asperatus* (Blandford), *Doliopygus citri* Schedl, *Euwallacea 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.**
*Ambrosiodmus obliquus* (LeConte), *Crossotarsus bonvouloiri* Chapuis, *Euwallacea fornicatus* (Eichhoff), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus pubipennis* (Eggers), *Sueus niisimai* (Eggers), *Xyleborus ferrugineus* (Fabricius), *Xyleborus neivai* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus spinulosus* Blandford, *Xylosandrus compactus* (Eichhoff).

***Cladrastris shikokiana***
*Hylesinus costatus* Blandford.

***Claoxylon polot***
*Xylosandrus morigerus* (Blandford).

***Clausena anisata***
*Euwallacea xanthopus* (Eichhoff).

***Cleistanthus polystachyus***
*Phrixosoma fuscovillosa* (Schedl).

***Cleistanthus* spp.**
*Doliopygus conradti* (Strohmeyer), *Doliopygus lebruni* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus tenuis* (Strohmeyer), *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer).

***Cleistocalyx* spp.**
*Platypus yasiyasi* Roberts.

***Cleistopholis glauca***
*Coccotrypes subovalis* Eggers.

***Cleistopholis patens***
*Acanthotomicus sexdentatus* (Eggers), *Chaetastus tuberculatus* (Chapuis), *Doliopygus conradti* (Strohmeyer), *Eccoptopterus spinosus* (Olivier), *Platypus hintzi* Schaufuss, *Triozastus marshalli* (Sampson), *Xylosandrus compactus* (Eichhoff).

***Cleistopholis* spp.**
*Premnobius cavipennis* Eichhoff.

***Clematis cirrhosa***
*Xylocleptes biuncus* Reitter.

***Clematus orientalis***
*Taphronurgus exul* (Reitter).

***Clematis simensis***
*Thamnurgus elegans* Schedl, *Thamnurgus granulicollis* Schedl, *Xylocleptes sidanus* (Schedl).

***Clematis* spp.**
*Chramesus incomptus* Wood, *Dacnophthorus clematis* (Wood), *Dacnophthorus rallus* (Wood), *Hypothenemus brunneus* (Hopkins).

***Clematis vitalba***
*Xylocleptes bispinus* (Duftschmidt).

***Clerodendron colebrookianum***
*Euwallacea fornicatus* (Eichhoff).

***Clerodendron infortunatum***
*Euwallacea fornicatus* (Eichhoff), *Hadrodemius metacomans* (Eggers).

***Clerodendron* spp.**
*Euwallacea 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***
*Corthylus mexicanus* Schedl, *Xyleborus affinis* Eichhoff.

***Cleyera japonica***
*Euwallacea validus* (Eichhoff), *Platypus calamus* 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 eruditus* Westwood.

***Cloaxylon* spp.**
*Platypus longissimus* Roberts.

***Clusia flava***
*Phrixosoma clusiae* Wood.

***Clusia* spp.**
*Ambrosiodmus ocellatus* (Wood), *Corthylus additus* Wood, *Corthylus diligens* Wood, *Microborus aberrans* Wichmann, *Microborus lectus* Wood, *Monarthrum bicolor* (Ferrari), *Monarthrum lobatum* (Ferrari), *Monarthrum nevermanni* (Schedl), *Monarthrum vittatum* (Blandford), *Phloeotribus atavus* Wood, *Phloeotribus collaris* Chapuis, *Scolytodes canaliculus* Wood, *Scolytodes clusiacolens* Wood, *Scolytodes clusiae* Wood, *Scolytodes clusiavorus* Wood, *Scolytodes comitabilis* Wood, *Scolytodes crinalis* Wood, *Scolytodes fulmineus* Wood, *Scolytodes naevius* Wood, *Scolytodes ommateus* Wood, *Scolytodes praeceps* Wood, *Scolytodes proximus* Wood, *Scolytodes tardus* Wood.

***Clytastoma binatum***
*Cnesinus setulosus* Blandford.

***Coccoceras muticum***
*Crossotarsus schedli* Browne, *Crossotarsus squamulatus* Chapuis, *Platypus lunifer* Schedl.

***Coccoceras* spp.**
*Crossotarsus cincinnatus* Chapuis.

***Coccoloba laurifolia***
*Cnesinus strigicollis* LeConte, *Hypothenemus eruditus* Westwood.

***Coccothrinax alta***
*Hypothenemus seriatus* (Eichhoff).

***Coccothrinax argentea***
*Coccotrypes carpophagus* (Hornung).

***Coccothrinax* 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 volvulus* (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 alluaudi* Schaufuss, *Xylosandrus crassiusculus* (Motschulsky).

***Coelocaryon* spp.**
*Mesoplatypus venustus* Schedl, *Premnobius cavipennis* Eichhoff.

***Coelostegia griffithii***
*Platypus cupulatus* Chapuis.

***Coffea arabica***
*Cnesinus adusticus* Wood, *Cnesinus coffeae* Schedl, *Cnesinus gracilis* Blandford, *Cnesinus meris* Wood, *Cnesinus robai* Blackman, *Hylocurus 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***
*Dryocoetiops 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), *Cryptocarenus lepidus* Wood, *Dryocoetoides cristatus* (Fabricius), *Hypothenemus eruditus* 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 eruditus* Westwood, *Hypothenemus grandis* Schedl, *Hypothenemus liberiensis*

(Hopkins), *Hypothenemus multidentatus* (Hopkins), *Hypothenemus plumeriae* (Nordlinger), *Hypothenemus solitarius* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus haberkorni* Eggers, *Xyleborus mucronatus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xyleborus volvulus* (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 caricifolia***
*Rhopalopselion thompsoni* Schedl, *Tiarophorus intermedius* Schedl.

***Cola chlamydantha***
*Doliopygus conradti* (Strohmeyer), *Doliopygus medius* Schedl, *Hypothenemus eruditus* Westwood, *Periommatus excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Xyleborinus 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), *Periommatus excisus* Strohmeyer, *Xyleborus barumbuensis* Eggers, *Xylosandrus compactus* (Eichhoff).

***Cola* spp.**
*Araptus politus* (Blandford), *Doliopygus propinquus* Schedl, *Doliopygus serratus* (Strohmeyer).

***Coleus* spp.**
*Euwallacea xanthopus* (Eichhoff), *Xyleborinus forficuloides* (Schedl), *Xyleborinus forficulus* (Eggers).

***Colophylum walkeri***
*Platypus furcatus* Blandford.

***Colutea arborescens***
*Phloeotribus brevicollis* (Kolenati).

***Colvillea racemosa***
*Platypus parallelus* (Fabricius).

***Colvillea* spp.**
*Euwallacea fornicatus* (Eichhoff).

***Colydium elongatum***
*Xyleborinus saxeseni* (Ratzeburg).

***Colydium lineola***
*Xyleborinus saxeseni* (Ratzeburg).

***Combretodendron africanum***
*Cylindropaplus 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 granulosus* (Schedl), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquierei* (Schedl), *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus retusus* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus semipilosus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* 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 volvulus* (Fabricius).

***Combretodendron* spp.**
*Ambrosiodmus tropicus* (Hagedorn), *Platypus hintzi* Schaufuss, *Premnobius cavipennis* Eichhoff.

***Combretum gueinzii***
*Xyleborus ugandaensis* Schedl.

***Combretum oblongum***
*Chaetastus tuberculatus* (Chapuis), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus erichsoni* (Chapuis), *Doliopygus galerus* (Schedl), *Doliopygus ghesquierei* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus pygmaeolus* Schedl, *Trachyostus schaufussi* (Strohmeyer).

***Combretum paniculatum***
*Scolytoplatypus armatus* Eggers.

***Combretum* spp.**
*Doliopygus erichsoni* (Chapuis), *Scolytus binodus* Wood.

***Commidendron robustum***
*Xyleborinus aemulus* (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, *Pseudothysanoes heliura* Wood.

***Condalia* spp.**
*Chramesus subopacus* Schaeffer, *Hypothenemus erectus* LeConte, *Hypothenemus sparsus* Hopkins.

***Conocarpus erectus***
*Cnesinus setulosus* Blandford, *Cryptocarenus seriatus* Eggers, *Hypothenemus javanus* (Eggers), *Micracisella nanula* (LeConte).

***Conopharyngia durissima***
*Phrixosoma garciniae* (Schedl), *Phrixosoma uniseriata* (Eggers), *Polygraphus tenuis* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky).

***Conopharyngia holzkii***
*Xyloctonus niger* Schedl.

***Conopharyngia* spp.**
*Chaetastus tuberculatus* (Chapuis), *Platypus impressus* (Strohmeyer), *Xyleborinus collarti* (Eggers).

***Conostegia oerstediana***
*Amphicranus fastigiatus* Blandford, *Corthycyclon moralum* Wood, *Corthylocurus barbatus* (Blandford), *Corthylus concisus* Wood, *Microcorthylus demissus* Wood, *Microcorthylus ocularis* Wood, *Microcorthylus pumilus* Wood, *Monarthrum bidens* (Blandford), *Monarthrum pennatum* (Schedl), *Monarthrum proprium* Wood, *Taurodemus salvini* (Blandford), *Xyleborus meritus* Wood, *Xyleborus squamulatus* Eichhoff.

***Copaifera langsdorfi***
*Xyleborus parcellus* Wood.

***Copaifera* spp.**
*Xyleborus spathipennis* Eichhoff.

***Coprosma* spp.**
*Xylosandrus compactus* (Eichhoff).

***Cordia caffra***
*Lanurgus podocarpi* Schedl.

***Cordia dichotoma***
*Euwallacea andamanensis* (Blandford), *Xylosandrus mancus* (Blandford).

***Cordia grandis***
*Coptodryas alpha* (Beeson), *Euwallacea andamanensis* (Blandford).

***Cordia millenii***
*Chaetastus tuberculatus* (Chapuis).

***Cordia myxa***
*Xyleborus perforans* (Wollaston), *Xylosandrus mancus* (Blandford).

***Cordia senegalensis***
*Doliopygus bulbifer* Schedl.

***Cordia* spp.**
*Coptoborus pseudotenuis* (Schedl), *Doliopygus excavatus* (Sampson), *Doliopygus nairobiensis* (Schedl), *Hypothenemus seriatus* (Eichhoff), *Theoborus micarius* (Wood), *Xylosandrus compactus* (Eichhoff).

***Cordyline australis***
*Platypus apicalis* (White).

***Cordyline terminalis***
*Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus rugatus* Blackburn.

***Cornus controversa***
*Hyorrhynchus lewisi* Blandford, *Pseudohyorrhynchus wadai* Murayama, *Sueus niisimai* (Eggers).

***Cornus florida***
*Hypothenemus eruditus* Westwood, *Xyleborinus saxeseni* (Ratzeburg), *Xylosandrus germanus* (Blandford).

***Cornus macrophylla***
*Scolytoplatypus minimus* Hagedorn, *Scolytoplatypus raja* Blandford.

***Cornus* spp.**
*Ambrosiodmus rubricollis* (Eichhoff), *Corthylus punctatissimus* (Zimmermann), *Hypothenemus eruditus* Westwood, *Scolytoplatypus daimio* Blandford, *Scolytoplatypus mikado* Blandford, *Xyleborus sayi* (Hopkins), *Xylosandrus mutilatus* (Blandford).

***Cornus tartarica***
*Hypothenemus cornii* 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* (Pandelle).

***Cossia arabica***
*Coccotrypes cyperi* (Beeson).

***Cotoneaster microphylla***
*Scolytus abaensis* Tsai & Yin, *Scolytus nitidus* Schedl.

***Cotoneaster* spp.**
*Scolytus mali* (Bechstein), *Scolytus rugulosus* (Muller), *Thamnurgus orientalis* Schedl.

***Cotylelobium flavum***
*Genyocerus biporus* (Schedl).

***Cotynus cogyria***
*Chaetoptelius vestitus* (Mulsant & Rey).

***Couma macrocarpa***
*Phelloterus anaxeus* Wood, *Platypus nudatus* Wood, *Xyleborus adelographus* Eichhoff, *Xyleborus affinis* Eichhoff, *Xyleborus asper* Eggers, *Xyleborus ferrugineus* (Fabricius).

***Cowania mexicana***
*Chaetophloeus heterodoxus* (Casey).

***Craibia elliotti***
*Rhopalopselion conjungens* Schedl.

***Crassocephalum* spp.**
*Euwallacea xanthopus* (Eichhoff).

***Crataegus* spp.**
*Cnesinus carinatus* Wood, *Hypothenemus crudiae* (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***
*Euwallacea fornicatus* (Eichhoff).

***Crotalaria usaramoensis***
*Xylosandrus morigerus* (Blandford).

***Crotolaria* spp.**
*Chramesus marginatus* Wood, *Taurodemus perebeae* (Ferrari), *Tricolus scitulus* Wood.

***Croton argyratum***
*Crossotarsus wallacei* (Thomson).

***Croton gossypiifolius***
*Cnesinus lecontei* Blandford, *Microcorthylus concisus* Wood, *Phlocotribus setulosus* Eichhoff.

***Croton guianensis***
*Phloeotribus nebulosus* Wood, *Scolytodes vesculus* Wood.

***Croton haumanianus***
*Chactastus tuberculatus* (Chapuis), *Doliopygus conradti* (Strohmeyer), *Doliopygus rapax* (Sampson), *Periommatus grandis* Schedl, *Periommatus longicollis* Chapuis, *Platypus impressus* (Strohmeyer), *Strombophorus vagans* Schedl, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus gracilipennis* (Schedl), *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky).

***Croton macrostachys***
*Chactastus montanus* Schedl, *Chactastus tuberculatus* (Chapuis), *Platypus spinulosus* (Strohmeyer).

***Croton megalocarpus***
*Periommatus grandis* Schedl, *Platypus spinulosus* (Strohmeyer).

***Croton mubango***
*Doliopygus lefevrei* Schedl.

***Croton pseudoniveus***
*Chramesus exul* Wood, *Hylocurus crotonis* Wood.

***Croton* spp.**
*Ambrosiodmus eichhoffi* (Schreiner), *Ambrosiodmus obliquus* (LeConte), *Amphicranus acus* Wood, *Chactastus montanus* Schedl, *Chactastus tuberculatus* (Chapuis), *Chramesus exul* Wood, *Cnesinus equinuai* Wood, *Cnesinus leconte*i Blandford, *Corthylus abbreviatus* Eichhoff, *Doliopygus citri* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus unicus* (Schedl), *Hypothenemus eruditus* Westwood, *Monarthrum dimidiatum* (Ferrari), *Periommatus grandis* Schedl, *Phloeotribus denessus* Blandford, *Pityophthorus crotonis* Wood, *Platypus cupulatus* Chapuis, *Platypus impressus* (Strohmeyer), *Platypus spinulosus* (Strohmeyer), *Scolytodes habilis* Wood, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xylosandrus compactus* (Eichhoff).

***Croton sylvaticus***
*Doliopygus erichsoni* (Chapuis).

***Cryptocarya ablato***
*Platypus australis* Chapuis.

***Cryptocarya chinensis***
*Crossotarsus rengetensis* Niisima & Murayama.

***Cryptocarya erythroxylon***
*Cryphalus asperulus* Schedl, *Cryphalus brimblecombei* Schedl.

***Cryptocarya* spp.**
*Diapus elongatus* Schedl, *Diapus nanodontus* Roberts, *Diapus nanus* Schedl, *Diapus nebulosus* Roberts, *Diapus perpygmaeus* Roberts, *Diapus pusillimus* Chapuis, *Diapus robustus* Schedl, *Hylesinus cordipennis* Lea, *Platypus echinatus* Roberts & Morimoto, *Platypus enormis* Schedl, *Platypus ramosissimus* Roberts & Morimoto, *Platypus ramulosus* Roberts & Morimoto, *Platypus sellaeformis* Roberts & Morimoto, *Platypus uniformis* Schedl, *Xyleborinus andrewesi* (Blandford), *Xylosandrus compactus* (Eichhoff).

***Cryptocarya wrightiana***
*Crossotarsus bonvouloiri* 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, *Diapus spatulifer* Browne, *Euwallacea validus* (Eichhoff), *Hypothenemus eruditus* Westwood, *Phloeosinus gifuensis* Murayama, *Phloeosinus lewisi* Chapuis, *Phloeosinus rudis* Blandford, *Phloeosinus sannohensis* Murayama, *Platypus kusukusensis* Murayama, *Platypus lewisi* Blandford, *Platypus quercivorus* Murayama, *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus aquilus* Blandford, *Xyleborus seriatus* Blandford, *Xylosandrus mutilatus* (Blandford).

***Cryptomeria* spp.**
*Phloeosinus perlatus* Chapuis.

***Cryptophagus subvittatus***
*Xyleborinus saxeseni* (Ratzeburg).

***Ctenolaphon grandifolius***
*Platypus signatus* Chapuis.

***Cucumis* spp.**
*Euwallacea fornicatus* (Eichhoff).

***Cucurbita digitata***
*Dendrocranulus cucurbitae* (LeConte).

***Cucurbita foetidissima***
*Dendrocranulus cucurbitae* (LeConte).

***Cucurbita pepo***
*Dendrocranulus knausi* (Hopkins).

***Cucurbita* spp.**
*Dendrocranulus knausi* (Hopkins), *Dendrocranulus limbellus* Wood, *Dendrocranulus modus* Wood.

***Cudrania javanensis***
*Euwallacea interjectus* (Blandford).

***Cullenia excelsa***
*Coccotrypes cardamomi* Schaufuss, *Coccotrypes variabilis* (Beeson), *Platypus solidus* Walker.

***Cunninghamia lanceolata***
*Ambrosiodmus rubricollis* (Eichhoff), *Euwallacea validus* (Eichhoff), *Phloeosinus bicolor* (Brulle), *Phloeosinus perlatus* Chapuis, *Phloeosinus sinensis* Schedl.

***Cunninghamia sinensis***
*Phloeosinus perlatus* Chapuis, *Phloeosinus sinensis* Schedl.

***Cupania guatemalensis***
*Bothrosternus foveatus* (Blackman), *Hypothenemus trivialis* Wood, *Xylosandrus zimmermanni* (Hopkins).

***Cupressus arizonica***
*Phloeosinus arizonicus* Blackman, *Phloeosinus baumanni* Hopkins, *Phloeosinus cristatus* (LeConte), *Phloeosinus scopulorum neomexicanus* Blackman, *Phloeosinus spinosus* Blackman.

***Cupressus benthami***
*Hypothenemus eruditus* Westwood, *Phloeosinus baumanni* Hopkins, *Phloeosinus tacubayae* Hopkins.

***Cupressus forbsei***
*Phloeosinus cristatus* (LeConte), *Phloeosinus frontalis* Bruck.

***Cupressus guadeloupensis***
*Phloeosinus frontalis* Bruck.

***Cupressus lindleyi***
*Carphobius pilifer* Wood, *Phloeosinus baumanni* Hopkins, *Phloeosinus tacubayae* Hopkins.

***Cupressus lusitanica***
*Carphobius cupressi* Wood, *Chactastus montanus* Schedl, *Hypothenemus eruditus* Westwood, *Phloeosinus*

*baumanni* Hopkins, *Phlocosinus henschi* Reitter, *Phlocosinus tacubayae* Hopkins.

***Cupressus macnabiana***
*Phlocosinus hoppingi* Swaine.

***Cupressus macrocarpa***
*Crossotarsus terminatus* Chapuis, *Phlocosinus cristatus* (LeConte), *Phlocosinus cupressi* Hopkins, *Phlocosinus frontalis* Bruck, *Phlocosinus hoppingi* Swaine, *Phlocosinus sequoiae* Hopkins, *Platypus furcatus* Blandford.

***Cupressus sargentii***
*Phlocosinus cupressi* Hopkins, *Phlocosinus hoppingi* Swaine, *Phlocosinus setosus* Bruck, *Phlocosinus swainei* Bruck, *Phlocosinus variolatus* Bruck.

***Cupressus sempervirens***
*Phlocosinus armatus* Reitter.

***Cupressus* spp.**
*Hypothenemus eruditus* Westwood, *Phlocosinus antennatus* Swaine, *Phlocosinus armatus* Reitter, *Phlocosinus bicolor* (Brulle), *Phlocosinus cupressi* Hopkins, *Phlocosinus deleoni* Blackman, *Phlocosinus henschi* Reitter, *Phlocosinus thujae* (Perris).

***Cupressus torulosa***
*Phlocosinus jubatus* Sampson.

***Cussonia chartacea***
*Eucallacea xanthopus* (Eichhoff).

***Cussonia longissima***
*Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky).

***Cussonia* spp.**
*Acanthotomicus octospinosus* (Schedl).

***Cussonia vantsilana***
*Eucallacea xanthopus* (Eichhoff), *Mitosoma obtusum* Schedl, *Mitosoma vulpinum* Schedl.

***Cyathea* spp.**
*Euwallacea oparunus* (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* Schaufuss, *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).

***Cylicodiscus* spp.**
*Premnobius cavipennis* Eichhoff.

***Cynodon dactylon***
*Hypothenemus eruditus* Westwood, *Hypothenemus pubescens* Hopkins.

***Cynometra alexandrii***
*Ambrosiodmus aegir* (Eggers), *Cyclorhipidion crucipenne* (Schedl), *Doliopygus artespinatus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus exilis* (Chapuis), *Doliopygus fulgens* Schedl, *Doliopygus intritus* (Schedl), *Doliopygus megatoma* Schedl, *Doliopygus notatus* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Hypothenemus morio* (Eggers), *Premnobius 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 incilis* Schedl, *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus unicornis* Schedl, *Hypothenemus cynometrae* Schedl, *Hypothenemus donisi* (Schedl), *Hypothenemus eruditus* Westwood, *Periommatus circularis* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

***Cynometra hemitomophylla***
*Araptus laevigatus* (Eggers), *Coccotrypes cyperi* (Beeson).

***Cynometra insularis***
*Platypus vitiensis* Roberts.

***Cynometra oaxacana***
*Pseudochramesus jaliscoensis* Wood.

***Cynometra* spp.**
*Ambrosiodmus tropicus* (Hagedorn), *Doliopygus excavatus* (Sampson), *Doliopygus intritus* (Schedl), *Doliopygus perbrevis* Schedl, *Doliopygus serratus* (Strohmeyer).

***Cyrtandra* spp.**
*Xyleborus mumfordi* Beeson, *Xyleborus temetinicus* Beeson.

***Cytisus alpinus***
*Hylastinus fankhauseri* Reitter.

***Cytisus biflorus***
*Hylastinus obscurus* (Marsham).

***Cytisus hirsutus***
*Hylastinus obscurus* (Marsham).

***Cytisus laburnum***
*Hylastinus fankhauseri* Reitter, *Hylastinus obscurus* (Marsham).

***Cytisus nigricans***
*Hylastinus obscurus* (Marsham).

***Cytisus proliferus***
*Liparthrum nigrescens* Wollaston.

***Cytisus* spp.**
*Liparthrum genistae* (Aube), *Phloeotribus perfoliatus* (Wollaston), *Phloeotribus rhododactylus* (Marsham).

***Cytisus triflorus***
*Hylastinus fankhauseri* Reitter, *Phloeotribus peyerimhoffi* (Eggers).

***Cytisus veldeni***
*Phloeotribus hercegovinensis* (Seitner).

***Dacrycarpus* spp.**
*Diapus nebulosus* Roberts.

***Dacrydium elatum***
*Platypus vitiensis* Roberts.

***Dacrydium* spp.**
*Xyleborus partitus* Browne.

***Dacryodes deliciosa***
*Cylindropalpus auricomans* (Schaufuss).

***Dacryodes edulis***
*Xyleborus subtuberculatus* Eggers.

***Dacryodes excelsa***
*Monarthrum praeustum* (Eggers), *Platypus compositus* Say.

***Dacryodes klaineana***
*Xyleborus alluaudi* Schaufuss.

***Dacryodes pubescens***
*Cyclorhipidion callosum* (Schedl), *Cyclorhipidion*

*nsafukalae* (Schedl), *Cyclorhipidion praecursor* (Schedl), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus subtuberculatus* Eggers.

***Dacryodes rostrata***
*Crossotarsus brownei* Schedl, *Cyclorhipidion pruinosum* (Blandford), *Hypocryphalus malayensis* Schedl.

***Dacryodes* spp.**
*Ambrosiodmus lecontei* Hopkins, *Cyclorhipidion pruinosum* (Blandford).

***Dacryodes yangambiensis***
*Doliopygus fulgens* Schedl, *Doliopygus ghesquierei* (Schedl), *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus opulentus* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Trachyostus aterrimus* (Schaufuss), *Xyleborus affinis* Eichhoff.

***Daemonorops* spp.**
*Ambrosiodmus brunneipes* (Eggers), *Euwallacea limatus* (Schedl), *Leptoxyleborus concisus* (Blandford).

***Dalbergia assamensis***
*Platypus secretus* Sampson.

***Dalbergia assamica***
*Euwallacea sibsagaricus* (Eggers), *Platypus cavus* Strohmeyer, *Platypus indicus* Strohmeyer, *Xyleborus piceus* (Motschulsky).

***Dalbergia ecastophyllum***
*Hypothenemus brunneus* (Hopkins), *Hypothenemus crudiae* (Panzer).

***Dalbergia gastrophyllum***
*Hypothenemus birmanus* (Eichhoff).

***Dalbergia hupeana***
*Euwallacea validus* (Eichhoff).

***Dalbergia latifolia***
*Carchesiopygus multidentatus* (Strohmeyer), *Crossotarsus fractus* Sampson, *Crossotarsus javanus* Beeson, *Crossotarsus minax* (Walker), *Ernoporus concentralis* (Eggers), *Platypus jansoni* Chapuis, *Platypus pseudocupulatus* Schedl, *Platypus solidus* Walker, *Platypus vethi* Strohmeyer, *Xyleborus haberkorni* Eggers, *Xyleborus perforans* (Wollaston), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus mancus* (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 nubilus* (Blandford), *Platypus solidus* Walker, *Xylosandrus crassiusculus* (Motschulsky).

***Dalbergia* spp.**
*Arixyleborus minor* (Eggers), *Arixyleborus tuberculatus* (Eggers), *Dendrocranulus brasiliensis* (Schedl), *Euwallacea andamanensis* (Blandford), *Mitosoma obconiceps* Schedl, *Mitosoma obliquatum* Schedl, *Mitosoma obtusum* Schedl, *Xyleborus madagascariensis* Schaufuss.

***Dalea lasiostachya***
*Chramesus marginatus* Wood.

***Dalhousiea* spp.**
*Diamerus impar* Chapuis.

***Dalium corbisieri***
*Euwallacea granosus* (Schedl).

***Daniellia klainei***
*Cylindropalpus laudatus* (Schedl), *Diapus quinquespinatus* Chapuis, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius).

***Daniellia oliveri***
*Ambrosiodmus eichhoffi* (Schreiner), *Doliopygus aduncus* Schedl, *Doliopygus terebrans* Schedl, *Pityophthorus barbifer* Schedl, *Triozastus marshalli* (Sampson).

***Daphniphyllum glaucescens***
*Hypothenemus amakusanus* (Murayama), *Platypus calamus* Blandford.

***Daphniphyllum macropodium***
*Xyleborus praevius* Blandford, *Xyleborus volvulus* (Fabricius).

***Daphniphyllum teijsmanni***
*Platypus calamus* 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* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky).

***Delphinium consolida***
*Thamnurgus delphinii* (Rosenhauer).

***Delphinium* spp.**
*Thamnurgus 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 volvulus* (Fabricius), *Xylosandrus laticeps* (Wood).

***Derris elliptica***
*Hypothenemus eruditus* Westwood.

***Derris microphylla***
*Xylosandrus morigerus* (Blandford).

***Derris robusta***
*Euwallacea fornicatus* (Eichhoff), *Hypothenemus eruditus* Westwood.

***Derris* spp.**
*Hypothenemus crudiae* (Panzer).

***Desmodium cephalotes***
*Euwallacea fornicatus* (Eichhoff).

***Desmodium cogantii***
*Chramesus marginatus* Wood.

***Desmodium flemingia* spp.**
*Xylosandrus morigerus* (Blandford).

***Desmodium ovalifolium***
*Xylosandrus compactus* (Eichhoff).

***Desmoncus* spp.**
*Xyleborus inaequalis* Schedl.

***Desplatsia dewevrei***
*Doliopygus coelocephalus* (Schaufuss), *Doliopygus erichsoni* (Chapuis), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus rapax* (Sampson), *Periommatus grandis* Schedl, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schoutedeni* (Schedl).

***Desplatsia subericarpa***
*Periommatus longicollis* Chapuis.

***Dialanthera otoba***
*Xyleborus grossmanni* Schedl.

***Dialium corbisieri***
*Ambrosiodmus ovatus* (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 woltschei* Schedl, *Hypothenemus socialis* (Schedl), *Mesoplatypus ventricornis* Schedl, *Mesoplatypus venustus* Schedl, *Polygraphus afzeliae* Schedl, *Strombophorus dialiumi* Schedl, *Strombophorus lukengeae* Schedl, *Triozastus marshalli* (Sampson), *Xyleborinus gracilipennis* (Schedl), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus piceus* (Motschulsky), *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Dialium excelsum***
*Cylindropalpus laudatus* (Schedl), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus lebruni* Schedl, *Doliopygus spectabilis* Schedl, *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatus grandis* Schedl, *Platypus solutus* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson).

***Dialium pachyphyllum***
*Doliopygus conradti* (Strohmeyer), *Doliopygus exilis* (Chapuis), *Doliopygus lateralis* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus tenuis* (Strohmeyer), *Hypothenemus biseriatus* (Eggers), *Platypus hintzi* Schaufuss, *Strombophorus lukengeae* Schedl, *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ficus* Eggers, *Xyleborus multispinatus* Eggers, *Xyleborus subtuberculatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

***Dialium* spp.**
*Acanthotomicus uncus* (Schedl), *Doliopygus angolensis* Schedl, *Doliopygus bilobatus* (Schedl), *Platypus canaliculatus* Schedl, *Platypus puerulus* (Schedl), *Strombophorus lukengeae* Schedl, *Xyleborus fallax* Eichhoff.

***Dialium tessmannii***
*Doliopygus medius* Schedl, *Periommatus longicollis* Chapuis, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius).

***Dialum* spp.**
*Hypothenemus camerunus* (Eggers).

***Dichaetanthere cordifolia***
*Pityophthorus dorsalis.*

***Dichapetalum* spp.**
*Xyleborus truncatulus* Schedl.

***Dichopetalum thomeri***
*Hypothenemus aethiops* (Schedl).

***Dichopsis elliptica***
*Euwallacea andamanensis* (Blandford).

***Dichopsis polyantha***
*Scolytomimus assamensis* Schedl.

***Dictyosperma album***
*Coccotrypes dactyliperda* (Fabricius).

***Didymeles* spp.**
*Mitosoma sexspinosum* Schedl.

***Dillenia pentagyna***
*Euwallacea 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 crudiae* (Panzer), *Hypothenemus plumeriae* (Nordlinger), *Stegomerus 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* (Schaufuss), *Xyleborus affinis* Eichhoff.

***Diospyros eriantha***
*Xyleborus atratus* Eichhoff.

***Diospyros kaki***
*Ambrosiodmus 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 cavus* Strohmeyer, *Platypus hybridus* Schedl.

***Diospyros pyrrhocarpa***
*Platypus cordiger* Chapuis, *Xyleborus piceus* (Motschulsky).

***Diospyros* spp.**
*Ambrosiodmus eichhoffi* (Schreiner), *Ambrosiodmus rubricollis* (Eichhoff), *Arixyleborus medius* (Eggers), *Coccotrypes carpophagus* (Hornung), *Crossotarsus squamulatus* 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 circulicauda* Browne, *Xylosandrus compactus* (Eichhoff).

***Diospyros suaveolens***
*Chaetastus tuberculatus* (Chapuis).

***Dipholis salicifolia***
*Cnesinus strigicollis* LeConte, *Cryptocarenus seriatus* Eggers, *Hypothenemus seriatus* (Eichhoff), *Hypothenemus squamosus* (Hopkins), *Micracisella nanula* (LeConte).

***Diphysa robinioides***
*Ambrosiodmus lecontei* Hopkins, *Hypothenemus crudiae* (Panzer).

***Diplodiscus paniculatus***
*Euwallacea quadraticollis* (Eggers), *Platypus setaceus* Chapuis.

***Diploglottis australis***
*Xylosandrus solidus* (Eichhoff).

***Diplospora* spp.**
*Crossotarsus schedli* Browne.

***Diprospora viridiflora***
*Xyleborus atratus* Eichhoff.

***Dipterocarpus alatus***
*Cryphalus dipterocarpi* Wood.

***Dipterocarpus baudii***
*Arixyleborus suturalis* (Eggers), *Coptodryas diversicolor* (Eggers), *Coptodryas nugax* (Schedl), *Coptodryas perparva* (Sampson), *Eccoptopterus limbus* 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* (Browne), *Webbia bakoensis* Browne, *Webbia quattuordecimspinatus* Sampson, *Webbia suturalis* Browne.

***Dipterocarpus cornutus***
*Crossotarsus terminatus* Chapuis, *Diapus quinquespinatus* Chapuis, *Genyocerus diaphanus* (Schedl), *Xyleborus improcerus* Sampson, *Xylosandrus mediocris* (Schedl).

***Dipterocarpus crinitus***
*Coccotrypes gedeanus* (Eggers), *Platypus curtus* Chapuis, *Xyleborus dolosus* Blandford.

***Dipterocarpus curmuk***
*Xylosandrus mediocris* (Schedl).

***Dipterocarpus grandiflorus***
*Arixyleborus rugosipes* Hopkins, *Coptodryas confusa* Hopkins, *Cyclorhipidion dipterocarpi* Hopkins, *Dryocoetiops laevis* (Strohmeyer), *Hypocryphalus 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***
*Cyclorhipidion agnatum* (Eggers), *Platypus pseudocurtus* Schedl, *Leptoxyleborus concisus* (Blandford), *Xyleborinus perminutissimus* (Schedl), *Xylosandrus difficilis* (Eggers).

***Dipterocarpus obtusifolius***
*Ambrosiodmus minor* (Stebbing), *Platypus biflexuosus* Schedl, *Webbia biformis* Browne, *Webbia cornutus* Schedl.

***Dipterocarpus pilosus***
*Amasa resecans* (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 cavus* Strohmeyer, *Platypus cupulatus* Chapuis, *Platypus indicus* Strohmeyer, *Platypus secretus* Sampson, *Platypus solidus* Walker, *Platypus subdepressus* (Schedl), *Platypus uncinatus* Blandford, *Xyleborus shoreae* (Stebbing).

***Dipterocarpus polosapis***
*Hypothenemus dipterocarpi* Hopkins.

***Dipterocarpus serrata***
*Diapus quinquespinatus* Chapuis.

***Dipterocarpus* spp.**
*Arixyleborus dipterocarpi* Browne, *Arixyleborus medius* (Eggers), *Cnestus suturalis* (Eggers), *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Genyocerus albipennis* Motschulsky, *Leptoxyleborus concisus* (Blandford), *Platypus bifurcus* (Schedl), *Platypus curtus* Chapuis, *Platypus dipterocarpi* Browne, *Platypus insulindicus* Schedl, *Platypus ovatus* Strohmeyer, *Platypus pseudocurtus* Schedl, *Platypus spinosus* Browne, *Schedlia sumatrana* (Hagedorn), *Scolytoplatypus parvus* Sampson, *Treptoplatypus circulicauda* Browne, *Webbia trigintispinatus* Sampson, *Xyleborus amphicranoides* Hagedorn, *Xyleborus cavuloides* Browne, *Xyleborus fallax* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky).

***Dipterocarpus trinervis***
*Coccotrypes cyperi* (Beeson).

***Dipterocarpus turbinatus***
*Amasa resecans* (Eggers), *Arixyleborus mediosectus* (Eggers), *Crossotarsus andamanus* Beeson, *Eccoptopterus spinosus* (Olivier), *Genyocerus dipterocarpi* Browne, *Platypus cordiger* Chapuis, *Sphaerotrypes costatus* Wood, *Xyleborinus andrewesi* (Blandford), *Xyleborus bidentatus* (Motschulsky), *Xyleborus cognatus* Blandford, *Xyleborus major* (Stebbing), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

***Dipterocarpus vernicifluus***
*Coccotrypes incognitus* (Schedl).

***Dipterocarpus zeylanicus***
*Arixyleborus granulifer* (Eggers), *Arixyleborus mediosectus* (Eggers), *Coccotrypes longior* (Eggers), *Hypothenemus javanus* (Eggers), *Platypus shoreanus* (Beeson), *Webbia ceylonae* Schedl, *Xyleborinus exiguus* (Walker).

***Discoglypremna caloneura***
*Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Premnobius nodulosus* Hagedorn, *Xyleborus affinis* Eichhoff, *Xyleborus alluandi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky).

***Disholcapsis* spp.**
*Araptus nanulus* Wood.

***Displodiscus paniculatus***
*Platypus calignosus* Schedl.

***Dissotis grandiflora***
*Hypothenemus grandis* Schedl.

***Distemonanthus benthamianus***
*Cylindropalpus auricomans* (Schaufuss), *Doliopygus bilobatus* (Schedl), *Doliopygus dubius* (Sampson), *Platypus hintzi* Schaufuss, *Rhopalopselion thompsoni* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xylosandrus crassiusculus* (Motschulsky).

***Distemonanthus* spp.**
*Premnobius cavipennis* Eichhoff.

***Distylium racemosum***
*Platypus calamus* Blandford, *Sphaerotrypes pila* Blandford.

***Ditoma crenata***
*Xyleborinus saxeseni* (Ratzeburg).

***Dolichandrone stipulata***
*Platypus cupulatus* Chapuis, *Platypus solidus* Walker, *Xyleborus 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 nairobiensis* (Schedl), *Euwallacea xanthopus* (Eichhoff), *Platypus orientalis* (Strohmeyer), *Xyleborinus spiculatus* (Schaufuss), *Xyleborinus spinosus* (Schaufuss), *Xyleborus alluaudi* Schaufuss, *Xyleborus sakalava* Schedl.

***Doonia cordifolia***
*Sphaerotrypes cristatus* Wood.

***Doonia zeylanica***
*Arixyleborus medius* (Eggers), *Crossotarsus terminatus* Chapuis, *Platypus latifinis* Walker, *Platypus shorcanus* (Beeson), *Platypus uncinatus* Blandford, *Xylosandrus crassiusculus* (Motschulsky).

***Doryphora aromatica***
*Platypus australis* Chapuis.

***Dovyalis* spp.**
*Hypothenemus grandis* Schedl.

***Dracaena aurea***
*Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston).

***Dracondomerum* spp.**
*Arixyleborus cariniceps* Schedl.

***Dracontomelon* spp.**
*Cnestus rotundatus* Schedl, *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis.

***Dracaena drace***
*Dactylotrypes longicollis* (Wollaston).

***Dracaena* spp.**
*Mitosoma excisum* Schaufuss.

***Dracontomelium mangiferum***
*Platypus micrurus* Schedl.

***Dracontomelium* spp.**
*Crossotarsus mniszechi* Chapuis, *Platypus solidus* Walker.

***Drimycarpus rasemosus***
*Platypus lepidus* Chapuis, *Platypus solidus* Walker, *Sphaerotrypes quadrituberculatus* Sampson.

***Drimys granatensis***
*Scolytodes pumilus* Wood.

***Dryadodaphne* spp.**
*Hypocryphalus montanus* Schedl.

***Dryobalanops aromatica***
*Baiocis pernanulus* (Schedl), *Coccotrypes gedeanus* (Eggers), *Cryptoxyleborus dryobalanopsis* Schedl, *Cyclorhipidion pruinosum* (Blandford), *Cyclorhipidion sisyruophorum* (Hagedorn), *Diapus pendleburyi* Schedl, *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Dryocoetiops hirsutus* (Schedl), *Hypothenemus cuncolus* (Schedl), *Hypothenemus javanus* (Eggers), *Platypus bifurcus* (Schedl), *Platypus biuncus* Blandford, *Platypus curtus* Chapuis, *Platypus pseudocupulatus* Schedl, *Platypus pseudocurtus* Schedl, *Platypus transformis* Schedl, *Platypus vetulus* Schedl, *Platytarsulus declivis* Schedl, *Platytarsulus elongatus* Schedl, *Platytarsulus marshalli* Schedl, *Webbia quattuordecimspinatus* 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 schlichi* (Stebbing), *Arixyleborus leprosulus* Schedl, *Arixyleborus malayensis* (Schedl), *Arixyleborus minor* (Eggers), *Arixyleborus scabripennis* (Blandford), *Arixyleborus suturalis* (Eggers), *Coptodryas nugax* (Schedl), *Crossotarsus fractus* Sampson, *Crossotarsus schedli* Browne, *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Cyclorhipidion agnatum* (Eggers), *Genyocerus philippinensis* (Schedl), *Genyocerus serratus* (Schedl), *Hadrodemius globus* (Blandford), *Platypus bifidus* Schedl, *Platypus biuncus* Blandford, *Platypus cupulatus* Chapuis, *Platypus insuliudicus* Schedl, *Platypus platypoides* (Browne), *Platypus pseudocupulatus* Schedl, *Platypus solidus* Walker, *Schedlia sumatrana* (Hagedorn), *Scolytoplatypus pusillus* Eggers, *Webbia simplex* (Browne), *Xyleborus approximatus* Schedl, *Xyleborus javanus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus siclus* Schedl, *Xylosandrus ater* (Eggers), *Xylosandrus mancus* (Blandford), *Xylosandrus morigerus* (Blandford).

***Dryobalanops* spp.**
*Scolytoplatypus parvus* Sampson.

***Dryodaphnae* spp.**
*Diapus elongatus* Schedl, *Diapus robustus* Schedl, *Diapus turgidus* Roberts.

***Drypetes gossweileri***
*Ambrosiodmus ovatus* (Eggers), *Chaetastus tuberculatus* (Chapuis), *Cylindropalpus laudatus* (Schedl), *Doliopygus citri* Schedl, *Doliopygus coelocephalus* (Schaufuss), *Doliopygus donisi* Schedl, *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquierei* (Schedl), *Doliopygus lebruni* 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, *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Periommatus longicollis* Chapuis, *Periommatus*

*substriatus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Platypus solutus* Schedl, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus volvulus* (Fabricius).

***Drypetes ituriensis***
*Doliopygus lebruni* Schedl, *Doliopygus medius* Schedl, *Doliopygus occallescens* Schedl, *Platypus intermedius* (Schedl), *Platypus solutus* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky).

***Drypetes leonensis***
*Coptoborus usagaricus* (Eggers), *Cylindropalpus granulosus* (Schedl), *Cylindropalpus interpositus* (Schedl), *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus dolosus* Schedl, *Doliopygus erichsoni* (Chapuis), *Doliopygus jurioni* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus medius* Schedl, *Periommatus longicollis* Chapuis, *Platypus impressus* (Strohmeyer), *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Platypus spinulosus* (Strohmeyer), *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* (Strohmeyer), *Platypus intermedius* (Schedl), *Trachyostus aterrimus* (Schaufuss).

***Drypetes morocarpa***
*Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus interjectus* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus medius* Schedl, *Periommatus grandis* Schedl, *Periommatus longicollis* Chapuis, *Platypus impressus* (Strohmeyer), *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Xyleborus affinis* Eichhoff.

***Drypetes sepiaria***
*Hylesinus nilgirinus* Eggers.

***Drypetes spinoso-dentata***
*Euwallacea xanthopus* (Eichhoff), *Platypus orientalis* (Strohmeyer).

***Drypetes* spp.**
*Dactylipalpus grouvellei* (Blandford), *Doliopygus lebruni* Schedl, *Platypus conjunctus* Schedl, *Platypus intermedius* (Schedl), *Platypus spinulosus* (Strohmeyer), *Premnobius cavipennis* Eichhoff, *Xyleborus piceus* (Motschulsky), *Xylosandrus compactus* (Eichhoff).

***Drypetes staudtii***
*Chaetastus tuberculatus* (Chapuis).

***Drypetes yambataense***
*Xyleborus multispinatus* Eggers.

***Duabanga sonneratioides***
*Euwallacea bicolor* (Blandford), *Platypus solidus* Walker.

***Dubautia laxa***
*Xyleborus hawaiiensis* Perkins.

***Duboisia* spp.**
*Hypothenemus eruditus* Westwood.

***Duboscia viridiflora***
*Hypothenemus colae* (Schedl), *Hypothenemus eruditus* Westwood, *Hypothenemus socialis* (Schedl).

***Dumoria* spp.**
*Premnobius cavipennis* Eichhoff.

***Durio carinatus***
*Platypus cupulatus* Chapuis, *Platypus curtus* Chapuis.

***Durio griffithii***
*Crossotarsus squamulatus* Chapuis.

***Durio* spp.**
*Diapus quinquespinatus* Chapuis, *Platypus cupulatus* Chapuis, *Platypus duriovorus* Browne, *Platypus pseudocupulatus* Schedl, *Xyleborus perforans* (Wollaston).

***Durio zibethinus***
*Diapus quinquespinatus* Chapuis, *Platypus insulindicus* Schedl, *Xyleborus emarginatus* Eichhoff, *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (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 vethi* Strohmeyer, *Platypus westwoodi* Chapuis, *Xyleborus apertus* Schedl, *Xyleborus mucronatus* Eggers, *Xyleborus subemarginatus* Eggers.

***Dysoxylum amooroides***
*Hypothenemus eruditus* Westwood, *Xyleborinus andrewesi* (Blandford).

***Dysoxylum binectariferum***
*Crossotarsus bonvouloiri* Chapuis, *Diapus quinquespinatus* Chapuis.

***Dysoxylum decandrum***
*Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky), *Xyleborus volvulus* (Fabricius).

***Dysoxylum muelleri***
*Xyleborus perforans* (Wollaston).

***Dysoxylum pettigrewianum***
*Xyleborus perforans* (Wollaston).

***Dysoxylum* spp.**
*Cryphalus vitiensis* Browne, *Cryphalus wapleri* Eichhoff, *Diapus oomsis* Roberts, *Genyocerus puer* (Schedl), *Hadrodemius globus* (Blandford), *Platypus alternantecostatus* (Schedl), *Platypus cavus* Strohmeyer, *Platypus cordiger* Chapuis, *Platypus jansoni* Chapuis, *Platypus papuanus* Roberts, *Platypus parapetax* Roberts & Morimoto, *Platypus sulcinodis* Schedl, *Platypus vitiensis* Roberts, *Platypus volaticus* Schedl, *Xyleborinus andrewesi* (Blandford).

***Echinocarpus dasycarpus***
*Diapus spatulifer* Browne, *Platypus falcatus* Strohmeyer, *Xyleborus similis* Ferrari.

***Echinocystis macrocarpa***
*Dendrocranulus cucurbitae* (LeConte).

***Echinopanax* spp.**
*Dryocoetes padi* Stark.

***Ehlersii* spp.**
*Hypothenemus eruditus* Westwood.

***Ehretia acuminata***
*Euwallacea sibsagaricus* (Eggers), *Platypus cavus* Strohmeyer, *Platypus luniger* Motschulsky, *Platypus subdepressus* (Schedl), *Xyleborus shoreae* (Stebbing), *Xyleborus similis* Ferrari.

***Ekebergia capensis***
*Hypocryphalus dubiosus* Schedl.

***Ekebergia ruepelliana***
*Chaetastus montanus* Schedl, *Doliopygus nairobiensis* (Schedl), *Doliopygus serratus* (Strohmeyer).

***Ekebergia* spp.**
*Doliopygus serratus* (Strohmeyer), *Platypus madagascariensis* Chapuis, *Scolytoplatypus eichelbaumi* Hagedorn, *Scolytoplatypus 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* Schevyrew, *Scolytus schevyrewi* 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 piceus* (Motschulsky), *Xylosandrus compactus* (Eichhoff).

***Elaeocarpus bifidus***
*Crossotarsus externedentatus* (Fairmaire), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston).

***Elaeocarpus decipiens***
*Sueus niisimai* (Eggers).

***Elaeocarpus ferrugineus***
*Amasa versicolor* (Sampson), *Leptoxyleborus depressus* (Eggers).

***Elaeocarpus ganitrus***
*Platypus biuncus* Blandford, *Platypus cupulatus* Chapuis.

***Elaeocarpus grandis***
*Xyleborus perforans* (Wollaston).

***Elaeocarpus jackianus***
*Leptoxyleborus depressus* (Eggers).

***Elaeocarpus lanceaefolius***
*Platypus falcatus* Strohmeyer.

***Elaeocarpus oblongus***
*Coccotrypes cyperi* (Beeson).

***Elaeocarpus petiolatus***
*Amasa versicolor* (Sampson), *Ambrosiodmus asperatus* (Blandford), *Arixyleborus suturalis* (Eggers), *Cnestus aterrimus* (Eggers), *Crossotarsus terminatus* Chapuis.

***Elaeocarpus sericeus***
*Ambrosiodmus mahafali* (Schedl), *Xylosandrus crassiusculus* (Motschulsky).

***Elaeocarpus serratus***
*Platypus furcatus* Blandford.

***Elaeocarpus* spp.**
*Amasa versicolor* (Sampson), *Ambrosiodmus wilderi* (Beeson), *Coptodryas perparva* (Sampson), *Coptodryas quadricostata* (Schedl), *Cryphalus borneensis* Schedl, *Diapus bilunatus* Schedl, *Diapus elongatus* Schedl, *Diapus nanus* Schedl, *Diapus nebulosus* Roberts, *Diapus oomsis* Roberts, *Diapus unispineus* Roberts, *Mitosoma excisum* Schaufuss, *Mitosoma pauliunum* Schedl, *Mitosoma sexspinosum* Schedl, *Platypus semigranosus* (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).

***Elaeomdendron* spp.**
*Hypocryphalus dubiosus* Schedl.

***Elaeophorbia drupifera***
*Cyrtogenius cribricollis* Schedl.

***Elateriospermum* spp.**
*Coptodryas nudibrevis* (Schedl).

***Elateriospermum tapos***
*Coptodryas perparva* (Sampson), *Crossotarsus brownei* Schedl, *Crossotarsus schedli* Browne, *Crossotarsus wallacei* (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 schimperi***
*Xylocleptes adeniae* (Schedl).

***Enantia chlorantha***
*Chaetastus tuberculatus* (Chapuis), *Periommatus nitidicollis* Strohmeyer.

***Enantia polycarpa***
*Xylborus ambasiusculus* Eggers.

***Enantia* spp.**
*Premnobius cavipennis* Eichhoff.

***Encelia californica***
*Chaetophloeus maclayi* (Bruck).

***Encelia farinosa***
*Chaetophloeus pruinosus* (Blackman).

***Endiandra palmerstonii***
*Ambrosiodmus compressus* (Lea), *Coptodryas eucalyptica* (Schedl), *Xyleborus insulindicus* Eggers, *Xyleborus perforans* (Wollaston).

***Endiandra* spp.**
*Crossotarsus terminatus* Chapuis, *Platypus loriae* (Schedl).

***Endospermum macrophyllum***
*Crossotarsus externedentatus* (Fairmaire), *Diapus quinquespinatus* Chapuis, *Platypus vitiensis* Roberts.

***Endospermum malaccense***
*Coptodryas diversicolor* (Eggers), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus schedli* Browne, *Crossotarsus squamulatus* Chapuis, *Crossotarsus wallacei* (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 piceus* (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 bonvouloiri* Chapuis, *Crossotarsus siva* Beeson, *Crossotarsus ursus* Schedl, *Scolytoplatypus parvus* Sampson, *Scolytoplatypus pubescens* Hagedorn, *Scolytoplatypus raja* Blandford.

***Entada gigas***
*Araptus laevigatus* (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 ghesquierei* (Schedl), *Doliopygus interjectus* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus serratus* (Strohmeyer), *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus parallelus* (Fabricius), *Polygraphus bicolor* Eggers, *Premnobius sexspinosus* Eggers, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).

***Entandrophragma candollei***
*Chaetastus tuberculatus* (Chapuis), *Doliopygus dubius* (Sampson), *Doliopygus ghesquierei* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Periommatus 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 piceus* (Motschulsky), *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Entandrophragma excelsum***
*Chaetastus montanus* Schedl, *Chaetastus tuberculatus* (Chapuis), *Doliopygus bidentatus* (Strohmeyer), *Periommatus grandis* Schedl, *Premnobius mukuryae* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasipennis* Schedl.

***Entandrophragma* spp.**
*Ambrosiodmus aegir* (Eggers), *Ambrosiodmus obliquus* (LeConte), *Chaetastus tuberculatus* (Chapuis), *Doliopygus artespinatus* (Schedl), *Doliopygus chapuisi* (Duvivier), *Doliopygus ghesquierei* (Schedl), *Doliopygus lateralis* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus staneri* Schedl, *Doliopygus spectabilis* Schedl, *Doliopygus tenuis* (Strohmeyer), *Periommatus excisus* Strohmeyer, *Periommatus 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 coelocephalus* (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***
*Euwallacea xanthopus* (Eichhoff).

***Enterolobium saman***
*Platypus cupulatus* Chapuis.

***Enterolobium* spp.**
*Euwallacea fornicatus* (Eichhoff), *Xyleborus volvulus* (Fabricius).

***Eperua falcata***
*Platypus tiriosensis* Reichardt, *Xyleborus parvellus* 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***
*Euwallacea xanthopus* (Eichhoff), *Platypus impressus* (Strohmeyer), *Platypus solutus* Schedl, *Xyleborus alluaudi* Schaufuss, *Xyleborus piceus* (Motschulsky), *Xyleborus principalis* Eichhoff.

***Erythrina burtii***
*Euwallacea 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***
*Euwallacea fornicatus* (Eichhoff), *Euwallacea xanthopus* (Eichhoff), *Scolytoplatypus hirsutus* Blackman, *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky), *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus morigerus* (Blandford).

***Erythrina orientalis***
*Euwallacea fornicatus* (Eichhoff).

***Erythrina peoppigiana***
*Xyleborus ferrugineus* (Fabricius).

***Erythrina* spp.**
*Araptus hymenaeae* (Eggers), *Doliopygus erichsoni* (Chapuis), *Euwallacea fornicatus* (Eichhoff), *Euwallacea interjectus* (Blandford), *Euwallacea 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 piceus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).

***Erythrina vespertilio***
*Xyleborus similis* Ferrari.

***Erythrococca* spp.**
*Euwallacea 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 ghesquierei* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus maynei* Schedl, *Doliopygus medius* Schedl, *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatus excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus ambasiusculus* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Erythrophleum micranthum***
*Doliopygus dubius* (Sampson), *Doliopygus exilis* (Chapuis), *Doliopygus tenuis* (Strohmeyer).

***Erythrophleum* spp.**
*Xyleborus affinis* Eichhoff.

***Erythroxylon novagranatense***
*Cnestus bicornis* (Eggers), *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

***Erythroxylon sphaeranthrum***
*Cosmoderes niger* (Schedl).

***Erythroxylon* spp.**
*Mitosoma obconiceps* Schedl, *Mitosoma obliquatum* Schedl.

***Eschweilera corrugata***
*Monarthrum dimidiatum* (Ferrari), *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).

***Eschweilera grata***
*Xyleborus affinis* Eichhoff.

***Eschweilera sagotiana***
*Platypus longulus* Chapuis, *Platypus tiriosensis* Reichardt, *Xyleborus parvellus* Wood.

***Eschweilera* spp.**
*Phelloterus anaxeus* 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 volvulus* (Fabricius).

***Eschweilera subglandulosa***
*Dryocoetoides severus* Wood.

***Eucalyptus acmenioides***
*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 forcipatus* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus perforans* (Wollaston), *Xyleborus principalis* Eichhoff, *Xyleborus volvulus* (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 pseudosolitarius* (Eggers).

***Eucalyptus fastigata***
*Austroplatypus incompertus* (Schedl.

***Eucalyptus gigantea***
*Austroplatypus incompertus* (Schedl).

***Eucalyptus globulus***
*Scolytoplatypus darjeelingi* Stebbing, *Xyleborus improbus* Sampson.

***Eucalyptus grandis***
*Diapus quinquespinatus* Chapuis, *Platypus solidus* Walker, *Platypus strenuus* Schedl, *Xyleborus perforans* (Wollaston).

***Eucalyptus intermedia***
*Xyleborus perforans* (Wollaston).

***Eucalyptus laevopinea***
*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 iheringi* 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 seeana***
*Xyleborus perforans* (Wollaston).

***Eucalyptus siberiana***
*Austroplatypus incompertus* (Schedl).

***Eucalyptus* spp.**
*Amasa truncatus* (Erichson), *Ambrosiodmus aegir* (Eggers), *Ambrosiodmus albizzianus* (Schedl), *Ambrosiodmus compressus* (Lea), *Ambrosiodmus innominatus* (Schedl), *Ambrosiodmus natalensis* (Schaufuss), *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 navarrodeandradei* Marelli, *Platypus omnivorus* (Lea), *Premnobius cavipennis* 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 torelliana***
*Coptodryas parva* (Lea).

***Eucalyptus trachyphloia***
*Hypothenemus birmanus* (Eichhoff).

***Euclea natalensis***
*Lanurgus podocarpi* Schedl.

***Eugenia aequa***
*Dryocoetiops eugeniae* (Schedl).

***Eugenia argutata***
*Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis.

***Eugenia aromatica***
*Amasa batoerradensis* (Schedl), *Platypus caryophyllatus* Blandford.

***Eugenia bernardii***
*Crossotarsus squamulatus* Chapuis.

***Eugenia buxifolia***
*Dendrosinus bourreriae* 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 malgasicus* (Schedl), *Coccotrypes nubilus* (Blandford), *Coptodryas elegans* (Sampson), *Euwallacea bicolor* (Blandford), *Platypus cupulatus* Chapuis, *Platypus curtatus* Sampson, *Platypus errans* (Sampson), *Platypus eugeniae* Schedl, *Platypus latifinis* Walker, *Platypus madagascariensis* Chapuis, *Platypus uncinatus* Blandford, *Xyleborinus andrewesi* (Blandford), *Xyleborinus artestriatus* (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 quadribracteata***
*Cyclorhipidion agnatum* (Eggers).

***Eugenia similis***
*Coccotrypes advena* Blandford.

***Eugenia* spp.**
*Amasa aspersus* (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, *Euwallacea fornicatus* (Eichhoff), *Euwallacea laevis* (Eggers), *Euwallacea xanthopus* (Eichhoff), *Lanurgus cribrellus* 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 andrewesi* (Blandford).

***Euonymus alatus***
*Crossotarsus niponicus* Blandford.

***Euonymus atropurpureus***
*Hypothenemus eruditus* Westwood.

***Euonymus* spp.**
*Allernoporus euonymi* Kurenzov, *Hypothenemus eruditus* Westwood.

***Eupatorium daleoides***
*Pityophthorus hermosus* Wood, *Pityophthorus morosus* Wood.

***Eupatorium pallescens***
*Arixyleborus scabripennis* (Blandford), *Cnestus nitidipennis* (Schedl), *Cnestus suturalis* (Eggers), *Hadrodemius globus* (Blandford), *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus morigerus* (Blandford).

***Eupatorium* spp.**
*Euwallacea barbatulus* (Schedl), *Scolytoplatypus nitidus* Eggers, *Xyleborus ciliatus* Eggers.

***Eupatorium tapos***
*Xyleborus quadrispinosulus* Eggers.

***Eupatorium tjibeureum***
*Xylosandrus eupatorii* (Eggers).

***Euphorbia abyssinica***
*Triotemnus aethiopicus* Eggers.

***Euphorbia amygdaloides***
*Thamnurgus varipes* Eichhoff.

***Euphorbia antiquorum***
*Cryphalogenes euphorbiae* Wood, *Cryphalogenes exiguus* Wood.

***Euphorbia balsamifera***
*Aphanarthrum affine* Wollaston, *Aphanarthrum bicinctum* Wollaston, *Aphanarthrum canescens* Wollaston, *Aphanarthrum monodi* Paulian & Villiers, *Liparthrum bicaudatum* Wollaston.

***Euphorbia beaumierana***
*Aphanarthrum mairei* Peyerimhoff, *Cisurgus occidentalis* Peyerimhoff, *Colcobothrus alluaudi* (Peyerimhoff), *Triotemnus longicollis* Peyerimhoff.

***Euphorbia cactiformes***
*Cisurgus occidentalis* Peyerimhoff.

***Euphorbia canariensis***
*Aphanarthrum bicinctum* Wollaston, *Aphanarthrum canariensis* Wollaston, *Aphanarthrum pygmaeum* Wollaston, *Cisurgus wollastoni* (Eichhoff), *Colcobothrus luridus* (Wollaston), *Triotemnus subretusus* Wollaston.

***Euphorbia characias***
*Thamnurgus characiae* Rosenhauer, *Thamnurgus varipes* Eichhoff.

***Euphorbia dendroides***
*Aphanarthrum affine* Wollaston, *Liparthrum inarmatum* Wollaston, *Thamnurgus euphorbiae* (Kuster).

***Euphorbia dregei***
*Styracoptinus euphorbiae* (Bright).

***Euphorbia echinus***
*Aphanarthrum mairei* Peyerimhoff, *Cisurgus occidentalis* Peyerimhoff, *Colcobothrus alluaudi* (Peyerimhoff), *Triotemnus longicollis* Peyerimhoff.

***Euphorbia gerardiana***
*Thamnurgus euphorbiae* (Kuster), *Thamnurgus varipes* Eichhoff.

***Euphorbia handiensis***
*Aphanarthrum mairei* Peyerimhoff, *Colcobothrus alluaudi* (Peyerimhoff).

***Euphorbia megalallantica***
*Thamnurgus mairei* Peyerimhoff.

***Euphorbia mellifera***
*Aphanarthrum euphorbiae* Wollaston.

***Euphorbia neriifolia***
*Aphanarthrum indicum* Wood.

***Euphorbia obtusifolia***
*Aphanarthrum bicinctum* Wollaston.

***Euphorbia oncoclada***
*Hypothenemus balachowskyi* Menier, *Hypothenemus teteforti* (Menier).

***Euphorbia piscatoria***
*Aphanarthrum bicolor* Wollaston, *Aphanarthrum piscatorium* Wollaston, *Liparthrum inarmatum* Wollaston.

***Euphorbia regis-jubae***
*Aphanarthrum affine* Wollaston, *Aphanarthrum bicinctum* 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 royaleanum* Wood, *Euwallacea interjectus* (Blandford).

***Euphorbia* spp.**
*Aphanarthrum armatum* Wollaston, *Aphanarthrum glabrum* Wollaston, *Aphanarthrum piscatorium* Wollaston, *Aphanarthrum reticulatum* Wood, *Aphanarthrum royaleanum* Wood, *Aphanarthrum subglabrum* Israelson, *Aphanarthrum wollastoni* Israelson, *Colcobothrus germeauxi* Menier, *Cyrtogenius africus* Wood, *Cyrtogenius scotti* Eggers, *Liparthrum curtum* Wollaston, *Liparthrum lowei* Wollaston, *Triotemnus scrofa* (Schedl), *Triotemnus villiersi* Schedl.

***Euphorbia stenoclada***
*Hypothenemus euphorbiae* (Schedl), *Lanurgus euphorbiae* Schedl, *Lanurgus rugosipes* Schedl.

***Euphorbia sudanica***
*Aphanarthrum duongi* Villiers.

***Euphorbia teke***
*Ambrosiodmus albizzianus* (Schedl).

***Euphorbia tirucalli***
*Acanthotomicus euphorbiae* (Schedl), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus eruditus* Westwood.

***Euphorbia tuckeyana***
*Aphanarthrum hesperidum* Wollaston, *Liparthrum loweanum* Wollaston.

***Euphorbia wulfenii***
*Thamnurgus sardus* Eggers.

***Euphoria* spp.**
*Xylosandrus compactus* (Eichhoff).

***Euptelea polyandra***
*Crossotarsus niponicus* Blandford.

***Euroschinus falcatus***
*Coptodryas eucalyptica* (Schedl), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

***Eurya japonica***
*Baiocis perinimicus* (Schedl), *Euwallacea velatus* (Sampson), *Platypus tenuissimus* Schedl, *Sueus niisimai* (Eggers), *Xyleborus octiesdentatus* Murayama, *Xyleborus volvulus* (Fabricius).

***Euryops athanasiae***
*Thamnurgus euryopsis* Schedl.

***Eusideroxylon zwageri***
*Platypus biuncus* Blandford, *Platypus cupulatus* Chapuis, *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

***Euterpe globosa***
*Coccotrypes robustus* Eichhoff.

***Euterpe oleracea***
*Araptus laevigatus* (Eggers).

***Evodia fraxinifolia***
*Cyclorhipidion hirtum* (Hagedorn), *Platypus falcatus* Strohmeyer, *Scolytoplatypus pubescens* Hagedorn, *Xyleborus hagedornianus* Schedl.

***Evodia latifolia***
*Xyleborus piceus* (Motschulsky).

***Evodia meliaefolia***
*Xyleborus atratus* Eichhoff.

***Evodia rutaecarpa***
*Cryphalus exignus* Blandford.

***Evodia spp.***
*Ambrosiodmus lewisi* (Blandford), *Crossotarsus paucidentatus* Roberts, *Crossotarsus rasilis* Roberts, *Hypothenemus parvulus* Browne, *Platypus bajulus* Schedl, *Platypus jansoni* Chapuis, *Platypus juvencus* Schedl, *Platypus selysi* 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 acmulus* (Wollaston).

***Fagara heitzii***
*Platypus hintzi* Schaufuss.

***Fagara lemairei***
*Doliopygus expletus* Schedl, *Platypus orientalis* (Strohmeyer), *Xyleborus ferrugineus* (Fabricius).

***Fagara macrophylla***
*Chaetastus tuberculatus* (Chapuis), *Doliopygus conradti* (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 hintzi* Schaufuss, *Platypus impolitus* Roberts, *Platypus parallelus* (Fabricius), *Polygraphus tenuis* Schedl, *Premnobius nodulosus* Hagedorn, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus subtuberculatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

***Fagara spp.***
*Euwallacea xanthopus* (Eichhoff), *Leptoxyleborus concisus* (Blandford), *Periommatus longicollis* Chapuis, *Platypus orientalis* (Strohmeyer), *Premnobius cavipennis* Eichhoff, *Xyleborus amanicus* Hagedorn, *Xyleborus ferrugineus* (Fabricius), *Xyleborus principalis* Eichhoff.

***Fagaropsis angolensis***
*Chaetastus tuberculatus* (Chapuis).

***Fagraea fragrans***
*Amasa versicolor* (Sampson), *Arixyleborus suturalis* (Eggers), *Xyleborus perforans* (Wollaston), *Xyleborus submarginatus* Eggers.

***Fagraea gigantea***
*Crossotarsus wallacei* (Thomson), *Diapus quinquespinatus* Chapuis, *Euwallacea 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 shimanensis* Murayama, *Indocryphalus pubipennis* (Blandford), *Platypus calamus* Blandford, *Platypus lewisi* Blandford, *Platypus modestus* Blandford, *Platypus severini* Blandford, *Taphrorychus pilosus* (Murayama), *Xyleborinus attenuatus* (Blandford), *Xyleborinus schaufussi* (Blandford), *Xyleborus atratus* Eichhoff, *Xyleborus seriatus* Blandford, *Xylosandrus mutilatus* (Blandford).

***Fagus grandifolia***
*Cnesinus strigicollis* LeConte, *Dryocoetes betulae* Hopkins, *Hylocurus rudis* (LeConte), *Hypothenemus interstitialis* (Hopkins), *Hypothenemus rotundicollis* (Eichhoff), *Pseudopityophthorus fagi* Blackman, *Scolytus fagi* Walsh, *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus ferrugineus* (Fabricius), *Xyleborus obesus* LeConte.

***Fagus japonica***
*Crossotarsus niponicus* Blandford, *Hyorrhynchus lewisi* Blandford, *Platypus modestus* Blandford.

***Fagus multinervis***
*Euwallacea validus* (Eichhoff), *Xyleborinus saxeseni* (Ratzeburg), *Xylosandrus germanus* (Blandford).

***Fagus orientalis***
*Dryocoetes alni* (Georg), *Ernoporicus fagi* (Fabricius), *Phlocotribus brevicollis* (Kolenati), *Platypus cylindrus* (Fabricius), *Taphrorychus bicolor* (Herbst), *Xyleborus monographus* (Fabricius).

***Fagus spp.***
*Ambrosiodmus tachygraphus* (Zimmermann), *Hylesinus toranio* (Danthione), *Platypus caviceps* Broun, *Platypus lewisi* Blandford, *Pseudopityophthorus minutissimus* (Zimmermann), *Scolytoplatypus daimio* Blandford, *Scolytoplatypus mikado* Blandford, *Scolytoplatypus shogun* Blandford, *Scolytoplatypus tycon* Blandford, *Scolytus carpini* (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), *Taphrorychus bicolor* (Herbst), *Taphrorychus hirtellus* Eichhoff, *Xyleborus pfeili* (Ratzeburg), *Xyleborus sayi* (Hopkins), *Xylosandrus germanus* (Blandford).

***Fanchera spp.***
*Euwallacea xanthopus* (Eichhoff).

***Faurea saligna***
*Chaetastus montanus* Schedl, *Cyclorhipidion cruciforme* (Schedl), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Platypus intermedius* (Schedl), *Polygraphus granulifer* Eggers, *Polygraphus kivuensis* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss.

***Ferdinandia adolphi-frederici***
*Doliopygus coelocephalus* (Schaufuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus punctiventris* Schedl, *Doliopygus serratus* (Strohmeyer), *Trachyostus aterrimus* (Schaufuss), *Xyleborus affinis* Eichhoff, *Xyleborus volvulus* (Fabricius).

***Ferula spp.***
*Cisurgus ferulae* Pfeffer.

***Ficus ampelos***
*Xylosandrus morigerus* (Blandford).

***Ficus aspera***
*Ficicis varians* Lea.

***Ficus asperifolia***
*Chaetastus tuberculatus* (Chapuis), *Eccoptopterus spinosus* (Olivier), *Platypus hintzi* Schaufuss, *Platypus spinulosus* (Strohmeyer), *Trachyostus aterrimus* (Schaufuss).

***Ficus asperrima***
*Platypus latifinis* Walker, *Xyleborus similis* Ferrari.

***Ficus aurea***
*Cnemonyx ficus* (Schwarz), *Cryptocarenus seriatus* Eggers, *Hypothenemus birmanus* (Eichhoff), *Hypothenemus eruditus* Westwood, *Hypothenemus javanus* (Eggers).

***Ficus benghalensis***
*Diamerus variegatus* Schedl.

***Ficus benjamina***
*Platypus cavus* Strohmeyer, *Platypus jansoni* Chapuis, *Xyleborus piceus* (Motschulsky).

***Ficus bracteata***
*Coccotrypes advena* Blandford, *Coccotrypes cinnamomi* (Eggers).

***Ficus capensis***
*Cryphalus kivuensis* Schedl, *Doliopygus bidentatus* (Strohmeyer), *Doliopygus erichsoni* (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* Schaufuss, *Xyleborus principalis* Eichhoff.

***Ficus carica***
*Ambrosiodmus lewisi* (Blandford), *Aricerus eichhoffi* Blandford, *Cryphalus wapleri* Eichhoff, *Ficicis varians* Lea, *Hadrodemius amorphus* (Eggers), *Hypoborus ficus* Erichson, *Hypothenemus eruditus* Westwood, *Liparthrum curtum* Wollaston.

***Ficus chorocarpa***
*Xyleborinus artecomans* (Schedl).

***Ficus corylifolia***
*Xyleborus ferrugineus* (Fabricius).

***Ficus cotinifolia***
*Phlocotribus 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 quinquespinatus* Chapuis, *Doliopygus brevis* (Strohmeyer), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus medius* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus serratus* (Strohmeyer), *Periommatus excisus* Strohmeyer, *Periommatus pseudomajor* Schedl, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus eichhoffianus* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus scobinatus* Hagedorn, *Xyleborus volvulus* (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 cavus* Strohmeyer, *Platypus cupulatus* Chapuis, *Platypus lepidus* Chapuis, *Platypus uncinatus* Blandford, *Xyleborus perforans* (Wollaston).

***Ficus hauli***
*Xylosandrus ursulus* (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 mallatocarpa***
*Periommatus grandis* Schedl.

***Ficus melleri***
*Cryphalus pallidus* Eichhoff.

***Ficus minahassae***
*Cryphalus densepilosus* Schedl, *Platypus luniger* Motschulsky, *Xyleborus affinis* Eichhoff.

***Ficus mucuso***
*Hypothenemus eruditus* Westwood, *Xyleborus ficus* Eggers.

***Ficus natalensis***
*Eccoptopterus spinosus* (Olivier), *Xyleborus madagascariensis* Schaufuss.

***Ficus pilosa***
*Hypothenemus eruditus* Westwood.

***Ficus polita***
*Hylesinopsis ficus* (Schedl), *Hylesinopsis joveri* (Schedl), *Hypothenemus pubipennis* (Eggers).

***Ficus preussii***
*Doliopygus conradti* (Strohmeyer), *Platypus hintzi* Schaufuss.

***Ficus religiosa***
*Coccotrypes vulgaris* (Eggers), *Diamerus variegatus* Schedl, *Dactylipalpus transversus* Chapuis, *Ernocladius corpulentus* (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 soroceoides***
*Ambrosiodmus triton* (Schaufuss), *Euwallacea xantho-*

*pus* (Eichhoff), *Mitosoma crenulatum* Chapuis, *Mitosoma dispar* Schedl, *Mitosoma excisum* Schaufuss, *Platypus madagascariensis* Chapuis, *Xyleborinus spiculatus* (Schaufuss), *Xyleborinus spinosus* (Schaufuss), *Xyleborus alluaudi* Schaufuss, *Xyleborus sakalava* Schedl, *Xylosandrus compactus* (Eichhoff), *Xylosandrus hirsutipennis* (Schedl).

***Ficus* spp.**

*Acanthotomicus fici* Browne, *Acanthotomicus kepongi* (Schedl), *Acanthotomicus perexiguus* (Blandford), *Ambrosiodmus declivispinatus* (Schedl), *Ambrosiodmus eichhoffi* (Schreiner), *Ambrosiodmus obliquus* (LeConte), *Araptus azteeus* (Wood), *Araptus consobrinus* Wood, *Araptus facetus* Wood, *Araptus obsoletus* (Blandford), *Araptus speciosus* Wood, *Aricerus chapuisi* Blandford, *Aricerus eichhoffi* Blandford, *Arixyleborus scabripennis* (Blandford), *Baiocis inimicus* (Schedl), *Chaetastus tuberculatus* (Chapuis), *Cnemonyx evidens* Wood, *Cnesinus setulosus* Blandford, *Cnestus nitidus* (Schedl), *Coccotrypes gedeanus* (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 wapleri* Eichhoff, *Cyclorhipidion 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 conradti* (Strohmeyer), *Doliopygus medius* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus spectabilis* Schedl, *Euwallacea fornicatus* (Eichhoff), *Euwallacea interjectus* (Blandford), *Euwallacea quadraticollis* (Eggers), *Ficicis despectus* (Walker), *Ficicis javanus* (Eggers), *Ficicis maculipennis* (Schedl), *Ficicis philippinensis* (Eggers), *Glostatus acaciae* (Schedl), *Gymnochilus consocius* (Blandford), *Gymnochilus minor* (Blandford), *Gymnochilus reitteri* Eichhoff, *Gymnochilus zonatus* Eichhoff, *Hylesinopsis fasciatus* (Hagedorn), *Hylesinopsis hirsutus* (Schedl), *Hylesinopsis saudiarabiae* (Schedl), *Hypocryphalus perminimus* (Schedl), *Hypothenemus brunneus* (Hopkins), *Hypothenemus columbi* Hopkins, *Hypothenemus crudiae* (Panzer), *Hypothenemus erectus* LeConte, *Hypothenemus eruditus* Westwood, *Hypothenemus interstitialis* (Hopkins), *Hypothenemus malus* (Schedl), *Hypothenemus seriatus* (Eichhoff), *Hypothenemus trivialis* 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), *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Phloeoborus scaber* Erichson, *Phlocotribus fici* Wood, *Phlocotribus geminus* Wood, *Phlocotribus maurus* Wood, *Phlocotribus opimus* Wood, *Phlocotribus setulosus* Eichhoff, *Platypus deceptor* Wood, *Platypus formosanus* Niisima & Murayama, *Platypus giluwei* Roberts, *Platypus hintzi* Schaufuss, *Platypus indicus* Strohmeyer, *Platypus jansoni* Chapuis, *Platypus loricatus* (Sampson), *Platypus negatus* Schedl, *Platypus nocuus* Schedl, *Platypus orientalis* (Strohmeyer), *Platypus pseudocupulatus* Schedl, *Platypus quadrispinis* Browne, *Platypus reichei* Chapuis, *Platypus solidus* Walker, *Platypus tenellus* Schedl, *Platypus westwoodi* Chapuis, *Polygraphus kivuensis* Schedl, *Premnobius mukunyae* (Schedl), *Premnobius sexspinosus* Eggers, *Pycnarthrum hispidum* (Ferrari), *Pycnarthrum reticulatum* Schedl, *Pycnarthrum setulosum* Waterhouse, *Scolytodes amoenus* Wood, *Scolytodes cubensis* (Schedl), *Scolytodes erincophilus* Wood, *Scolytodes exiguus* Wood, *Scolytodes facetus* Wood, *Scolytodes ficicolens* Wood, *Scolytodes ficivorus* Wood, *Scolytodes genialis* Wood, *Scolytodes lepidus* Wood, *Scolytodes micidus* Wood, *Scolytodes pseudopiceus* Wood, *Scolytodes reticulatus* (Wood), *Scolytodes rugicollis* (Schedl), *Scolytodes schwarzi* (Hopkins), *Scolytodes tenuis* (Wood), *Scolytodes venustus* Wood, *Scolytoplatypus kivuensis* Schedl, *Scolytoplatypus pusillus* Eggers, *Trachyostus schaufussi* (Strohmeyer), *Tricolus simplicis* Wood, *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus amanicus* Hagedorn, *Xyleborus ambasipennis* Schedl, *Xyleborus ambasiusculus* Eggers, *Xyleborus barumbuensis* Eggers, *Xyleborus comparabilis* Schedl, *Xyleborus emarginatus* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus multispinatus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky), *Xyleborus posticus* Eichhoff, *Xyleborus similis* Ferrari, *Xyleborus sparsipilosus* Eggers, *Xyleborus tenellus* Schedl, *Xyleborus truncatulus* Schedl, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus curtulus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

***Ficus stenocarpa***

*Ficicis varians* Lea, *Xyleborus perforans* (Wollaston).

***Ficus thonningii***

*Cryphalus bellus* Schedl, *Cryphalus pallidus* Eichhoff.

***Ficus variegata***

*Xyleborinus andrewesi* (Blandford).

***Ficus vogelii***

*Periommatus grandis* Schedl, *Periommatus longicollis* Chapuis, *Platypus glabratus* Roberts, *Platypus hintzi* Schaufuss.

***Ficus wightiana***

*Cryphalus ficivorus* Murayama, *Cryphalus furukawai* Murayama.

***Ficus xylophylla***

*Coccotrypes cinnamomi* (Eggers).

***Ficus zenkeri***

*Doliopygus chapuisi* (Duvivier), *Doliopygus serratus* (Strohmeyer).

***Fissicalyx fendleri***

*Xyleborus ferrugineus* (Fabricius).

***Fissistigma elegans***

*Acacacis malayanus* Browne, *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 laevicarpa***
*Xyleborus perforans* (Wollaston).

***Flindersia pubescens***
*Peridryocoetes queenslandi* Schedl, *Platypus scalaris* Schedl, *Platypus semigranosus* (Sampson).

***Flindersia schotiana***
*Xyleborus emarginatus* Eichhoff.

***Flindersia* spp.**
*Ambrosiodmus compressus* (Lea), *Hylesinus nilgirinus* Eggers, *Xylosandrus compactus* (Eichhoff).

***Flourensia cernua***
*Chaetophloeus sulcatus* (Wood).

***Foetida elusioides***
*Ambrosiodmus innominatus* (Schedl), *Mitosoma lobatum* Schedl, *Xyleborinus mitosomipennis* (Schedl).

***Fordia* spp.**
*Crossotarsus squamulatus* Chapuis, *Hadrodemius comans* (Sampson).

***Franseria* spp.**
*Pityophthorus franseriae* Wood, *Pityophthorus torridus* Wood.

***Fraxinus americana***
*Hylesinus aculeatus* Say, *Hylesinus californicus* (Swaine), *Hylesinus criddlei* (Swaine), *Hylesinus fasciatus* LeConte, *Hylesinus pruinosus* Eichhoff.

***Fraxinus anomala***
*Hylesinus mexicanus* (Wood).

***Fraxinus chinensis***
*Ambrosiodmus rubricollis* (Eichhoff).

***Fraxinus commemoralis***
*Platypus contaminatus* (Blandford).

***Fraxinus excelsa***
*Hylesinus crenatus* (Fabricius).

***Fraxinus excelsior***
*Hylesinus cos* Spessivtsev, *Hylesinus orni* Fuchs, *Hylesinus toranio* (Danthione), *Phloeotribus caucasicus* Reitter, *Pteleobius kraatzi* (Eichhoff), *Scolytus kirschi* 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***
*Eruoporicus spessivtzevi* Berger, *Hylesinus cholodkovskyi* Berger, *Hylesinus costatus* Blandford, *Hylesinus crenatus* (Fabricius), *Hylesinus cos* Spessivtsev, *Hylesinus lubarskii* Stark, *Hylesinus nobilis* Blandford, *Hylesinus pravdini* Stark, *Hylesinus shabliovskyi* 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 orni* Fuchs, *Hylesinus toranio* (Danthione), *Phloeotribus muricatus* (Eggers).

***Fraxinus oxyphylla***
*Hylesinus crenatus* (Fabricius), *Phloeotribus fraxini* (Eggers).

***Fraxinus pennsylvanica***
*Hylesinus californicus* (Swaine), *Hylesinus criddlei* (Swaine).

***Fraxinus rhynchophylla***
*Hylesinus cingulatus* Blandford, *Hylesinus laticollis* Blandford.

***Fraxinus sieboldiana***
*Hylesinus costatus* Blandford, *Platypus contaminatus* (Blandford).

***Fraxinus sogdiana***
*Hylesinus prutenskyi* Sokanovskii.

***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 wachtli* 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), *Xyloterinus politus* (Say).

***Fraxinus uhdei***
*Hylesinus aztecus* Wood.

***Fraxinus velutina***
*Hylesinus californicus* (Swaine).

***Fremontia californica***
*Pseudothysanoes hopkinsi* Blackman.

***Freycinetia arborea***
*Coccotrypes dactyliperda* (Fabricius), *Xyleborus ignobilis* Perkins.

***Freycinetia hombronii***
*Xylosandrus morigerus* (Blandford).

***Freycinetia* spp.**
*Xyleborus agamus* Perkins.

***Fuchsia* spp.**
*Xylosandrus morigerus* (Blandford).

***Funtumia elastica***
*Ambrosiodmus aegir* (Eggers), *Chaetastus tuberculatus* (Chapuis), *Cyclorhipidion crucipenne* (Schedl), *Doliopygus conradti* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Xyleborinus similans* (Eggers).

***Funtumia latifolia***
*Doliopygus erichsoni* (Chapuis), *Periommatus grandis* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus piceus* (Motschulsky).

***Galactia spiciformis***
*Hypothenemus brunneus* (Hopkins), *Hypothenemus californicus* Hopkins, *Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff), *Hypothenemus squamosus* (Hopkins).

***Galbulimima belgraveana***
*Platypus dobunabae* Roberts & Morimoto.

***Galbulimima* spp.**
*Diapus elongatus* Schedl, *Diapus oreogenus* Roberts, *Platypus cymbiformis* Roberts, *Platypus galbulimimae* Roberts & Morimoto, *Platypus gumicus* Roberts, *Platypus longissimus* Roberts, *Platypus noepartibilis* Roberts.

***Galiniera caffeoides***
*Xyleborinus collarti* (Eggers).

***Ganua* spp.**
*Cryphalus nitens* Browne.

***Garcinia gnetoides***
*Doliopygus nigeriensis* Roberts.

***Garcinia merguensis***
*Coccotrypes gedeanus* (Eggers), *Coccotrypes tunggali* (Schedl), *Xyleborus bidentatus* (Motschulsky).

***Garcinia myrtifolia***
*Platypus vitiensis* Roberts.

***Garcinia polyantha***
*Chaetastus persimilis* (Schedl), *Dactylipalpus parricida* Eggers, *Doliopygus artespinatus* (Schedl), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus serratus* (Strohmeyer), *Mesoplatypus kitushi* Schedl, *Periommatus longicollis* Chapuis, *Phrixosoma major* (Eggers), *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Polygraphus longipilis* Schedl, *Polygraphus sulcatus* Schedl, *Premnobius hystrix* (Schedl), *Premnobius nodulosus* Hagedorn, *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus ambasiusculus* Eggers, *Xyleborus scobinatus* Hagedorn, *Xylosandrus crassiusculus* (Motschulsky).

***Garcinia punctata***
*Chaetastus tuberculatus* (Chapuis), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus rapax* (Sampson), *Hypothenemus eruditus* Westwood, *Periommatus longicollis* Chapuis, *Phrixosoma garciniae* (Schedl), *Phrixosoma uniseriata* (Eggers), *Platypus intermedius* (Schedl), *Polygraphus subsulcatus* Schedl, *Premnobius mukunyae* (Schedl), *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus pilosellus* (Schedl), *Xyleborinus sharpae* (Hopkins), *Xyleborus katangensis* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

***Garcinia smeathmannii***
*Chaetastus montanus* Schedl.

***Garcinia* spp.**
*Amasa schlichi* (Stebbing), *Ambrosiodmus 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 angustidontus* Roberts, *Diapus bispinus* Schedl, *Diapus nebulosus* Roberts, *Diapus oomsis* Roberts, *Diapus papuanus* Schedl, *Diapus pusillimus* Chapuis, *Diapus turgidus* Roberts, *Hypocryphalus sandakanensis* (Schedl), *Peridryocoetes nitens* (Schedl), *Phrixosoma psaltes* (Hagedorn), *Platypus apicaloides* Schedl, *Platypus cupulatus* Chapuis, *Platypus gumiensis* Roberts, *Platypus hamaticollis* Schedl, *Platypus iwagaii* Roberts & Morimoto, *Platypus psuedocupulatus* Schedl, *Polygraphus tenuis* Schedl, *Premnobius cavipennis* Eichhoff, *Scolytogenes gracilis* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborus brevipennis* Schedl, *Xyleborus volculus* (Fabricius).

***Garcinia verrucosa***
*Ambrosiodmus camphorae* (Hagedorn), *Mitosoma lobatum* Schedl, *Polygraphus creber* Schedl, *Xyleborinus cupulatus* (Schedl), *Xyleborinus forficuloides* (Schedl).

***Gardenia* spp.**
*Xyleborus nitens* Browne.

***Garuga floribunda***
*Platypus petax* Schedl.

***Garuga pinnata***
*Crossotarsus externedentatus* (Fairmaire), *Cryphalus scabricollis* Eichhoff, *Euwallacea andamanensis* (Blandford), *Euwallacea interjectus* (Blandford), *Platypus solidus* Walker, *Xyleborinus andrewesi* (Blandford), *Xyleborus perforans* (Wollaston).

***Garuga* spp.**
*Platypus jansoni* Chapuis, *Xyleborinus andrewesi* (Blandford).

***Gaumarouna panamensis***
*Xyleborus affinis* Eichhoff.

***Gaylussacia* spp.**
*Corthylus punctatissimus* (Zimmermann), *Xylosandrus crassiusculus* (Motschulsky).

***Geijera salicifolia***
*Platypus solidus* Walker.

***Geniosporum paludosum***
*Euwallacea xanthopus* (Eichhoff), *Hypothenemus grandis* Schedl, *Thamnurgus granulicollis* Schedl, *Xylocleptes sidanus* (Schedl).

***Genista horrida***
*Liparthrum genistae* (Aube).

***Genista numidica***
*Liparthrum genistae* (Aube), *Phloeotribus peyerimhoffi* (Eggers).

***Genista* spp.**
*Phloeotribus cristatus* (Fauvel), *Phloeotribus rhododactylus* (Marsham).

***Geranium* spp.**
*Hypothenemus eruditus* Westwood.

***Germari* spp.**
*Hypothenemus eruditus* Westwood.

***Gilbertiodendron dewevrei***
*Coccotrypes grandis* (Eggers), *Doliopygus lebruni* 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 pseudosolitarius* (Eggers), *Xyleborus dispar* (Fabricius), *Xyleborus spinulosus* Blandford.

***Gleditschia triacanthos***
*Hylocurus langstoni* Blackman, *Thysanoes fimbricornis* LeConte.

***Gliricidia maculata***
*Xylosandrus crassiusculus* (Motschulsky).

***Gliricidia sepium***
*Euwallacea fornicatus* (Eichhoff), *Xyleborus perforans* (Wollaston).

***Glochidion* spp.**
*Diapus papuanus* Schedl, *Diapus quinquespinatus* Chapuis, *Diapus turgidus* Roberts, *Euwallacea xanthopus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

***Gluta elegans***
*Crossotarsus brownei* Schedl, *Cryphalus substriatus* Schedl.

***Gluta rengas***
*Platypus biuncus* Blandford.

***Gluta* spp.**
*Diapus quinquespinatus* Chapuis.

***Gluta tourtour***
*Xylosandrus crassiusculus* (Motschulsky).

***Gluta travancorica***
*Coccotrypes cyperi* (Beeson), *Crossotarsus minas* (Walker), *Eccoptopterus spinosus* (Olivier), *Pityophthorus glutae* Wood, *Platypus carus* Strohmeyer, *Xylosandrus crassiusculus* (Motschulsky).

***Glycine max***
*Hypothenemus crudiae* (Panzer).

***Gmelina arborea***
*Amasa versicolor* (Eichhoff), *Ambrosiodmus lantanae* (Eggers), *Coccotrypes salakensis* (Schedl), *Coptodryas mus* (Eggers), *Eccoptopterus sagittarius* Schedl, *Euwallacea andamanensis* (Blandford), *Euwallacea fornicatus* (Eichhoff), *Euwallacea interjectus* (Blandford), *Euwallacea malloti* (Eggers), *Euwallacea velatus* (Sampson), *Platypus insularis* Strohmeyer, *Platypus pseudocupulatus* Schedl, *Platypus solidus* Walker, *Platypus uncinatus* Blandford, *Premnobius ambitiosus* (Schaufuss), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky), *Xyleborus pseudopilifer* Schedl, *Xylosandrus difficilis* (Eggers), *Xylosandrus metagermanus* (Schedl).

***Gomphia serrata***
*Xylosandrus mancus* (Blandford).

***Gonioma camassi***
*Xyleborinus aemulus* (Wollaston).

***Gonystylus bancanus***
*Platypus hamaticollis* Schedl, *Platypus pseudocupulatus* Schedl, *Platypus signatus* Chapuis, *Platypus westwoodi* Chapuis, *Treptoplatypus trepanatus* (Chapuis).

***Gonystylus confusus***
*Coccotrypes medius* (Eggers).

***Gonystylus punctatus***
*Platypus vitiensis* Roberts.

***Gonystylus* spp.**
*Genyocerus 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* (Schaufuss), *Cylindropalpus laudatus* (Schedl), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus expletus* Schedl, *Doliopygus ghesquierei* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Perionmatus grandis* Schedl, *Platypus parallelus* (Fabricius), *Platypus schenklingi* (Strohmeyer), *Strombophorus ericius* (Schaufuss), *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus eichhoffianus* Schedl, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Gossweilerodendron* spp.**
*Ambrosiodmus eichhoffi* (Schreiner), *Ambrosiodmus obliquus* (LeConte), *Ambrosiodmus tropicus* (Hagedorn), *Diamerus impar* Chapuis.

***Gossypiospermum praecox***
*Platypus pulchellus* Chapuis.

***Gossypium hirsutum***
*Ambrosiodmus eichhoffi* (Schreiner), *Ambrosiodmus tropicus* (Hagedorn), *Hypothenemus carbonarius* (Eggers), *Hypothenemus eruditus* Westwood, *Hypothenemus javanus* (Eggers), *Premnobius ambitiosus* (Schaufuss), *Premnobius circumspinatus* Eggers, *Xyleborus affinis* Eichhoff, *Xyleborus africanus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus subtuberculatus* Eggers, *Xyleborus volvulus* (Fabricius).

***Gossypium* spp.**
*Hypothenemus eruditus* Westwood, *Hypothenemus gossypii* (Hopkins), *Pseudothysanoes excavatus* (Wood), *Pseudothysanoes obesus* (Wood), *Xylosandrus compactus* (Eichhoff).

***Gossypium tomentosum***
*Hypothenemus eruditus* Westwood.

***Gouania glandulosa***
*Euwallacea xanthopus* (Eichhoff), *Xyleborinus spiculatus* (Schaufuss), *Xyleborinus spinosus* (Schaufuss), *Xyleborus alluaudi* Schaufuss, *Xyleborus madagascariensis* Schaufuss.

***Gouldia* spp.**
*Xylosandrus compactus* (Eichhoff).

***Graptophyllum* spp.**
*Xylosandrus compactus* (Eichhoff).

***Grevillea pierrard***
*Ambrosiodmus albizzianus* (Schedl).

***Grevillea robusta***
*Ambrosiodmus albizzianus* (Schedl), *Cryphalus asperulus* Schedl, *Cryphalus puberulus* Schedl, *Cryphalus subcompactus* Lea, *Diapus pusillimus* Chapuis, *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus excavatus* (Sampson), *Euwallacea fornicatus* (Eichhoff), *Platypus solutus* Schedl, *Xyleborus perforans* (Wollaston), *Xyleborus principalis* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford).

***Grevillea* spp.**
*Ambrosiodmus aegir* (Eggers), *Ambrosiodmus 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 crudiae* (Panzer).

***Grewia laevigata***
*Xylosandrus morigerus* (Blandford).

***Grewia latifolia***
*Hypothenemus eruditus* Westwood, *Xylosandrus ater* (Eggers).

***Grewia mildbraedii***
*Chactastus tuberculatus* (Chapuis), *Doliopygus expletus* Schedl, *Euwallacea xanthopus* (Eichhoff), *Periommatus 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 mancus* (Blandford).

***Grewia* spp.**
*Arixyleborus suturalis* (Eggers), *Crossotarsus fractus* Sampson, *Crossotarsus inermis* Schedl, *Crossotarsus squamulatus* Chapuis, *Eccoptopterus limbus* Sampson, *Scolytoplatypus parvus* Sampson, *Xyleborus perforans* (Wollaston), *Xylosandrus mancus* (Blandford).

***Grewia tiliaefolia***
*Coccotrypes nubilus* (Blandford), *Euwallacea andamanensis* (Blandford), *Xyleborus perforans* (Wollaston).

***Grewia tomentosa***
*Xyleborus javanus* Eggers.

***Grewia vestita***
*Coccotrypes nubilus* (Blandford), *Xyleborus perforans* (Wollaston).

***Guacea guara***
*Hypothenemus seriatus* (Eichhoff).

***Guapira* spp.**
*Dendrosinus mexicanus* Wood.

***Guarea cedrata***
*Chactastus tuberculatus* (Chapuis), *Cryphalus bellus* Schedl, *Cylindropalpus auricomans* (Schaufuss), *Cylindropalpus laudatus* (Schedl), *Doliopygus artespinatus* (Schedl), *Doliopygus brevis* (Strohmeyer), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus jurioni* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus medius* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Euwallacea granosus* (Schedl), *Hypothenemus eruditus* Westwood, *Periommatus excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Platypus solutus* Schedl, *Platypus spinulosus* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus subtuberculatus* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Guarea laurentii***
*Chactastus 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 lebruni* Schedl, *Doliopygus lecomtei* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus proximus* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus spectabilis* Schedl, *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Euwallacea xanthopus* (Eichhoff), *Miocryphalus congonus* Eggers, *Periommatus grandis* Schedl, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Platypus schenklingi* (Strohmeyer), *Platypus solutus* Schedl, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborinus similans* (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Guarea* spp.**
*Premnobius cavipennis* Eichhoff.

***Guarea thompsonii***
*Chactastus tuberculatus* (Chapuis), *Cylindropalpus laudatus* (Schedl), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus divaricus* (Schedl), *Doliopygus erichsoni* (Chapuis), *Doliopygus lebruni* 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 alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus volvulus* (Fabricius).

***Guarea trichiloides***
*Hypothenemus trinitatis* (Hopkins), *Pycnarthrum fulgidum* Wood.

***Guatteria* spp.**
*Coptoborus tolimanus* (Eggers), *Hypothenemus bolivianus* (Eggers), *Taurodemus splendidus* (Schaufuss).

***Guazuma ulmifolia***
*Cnesinus punctatus* Blandford, *Coptoborus catulus* (Blandford), *Microcorthylus inermis* Wood.

***Guettarda* spp.**
*Xyleborus biconicus* Eggers.

***Guevina abelana***
*Pseudothysanoes guevinae* (Schedl).

***Guibourtia arnoldiana***
*Eruocladius guiboutiae* (Schedl), *Miocryphalus guibourtiae* Schedl, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius).

***Guibourtia* spp.**
*Doliopygus dentiventris* Browne.

***Guizotia schultzii***
*Euwallacea xanthopus* (Eichhoff).

***Gulbertiodendron dewevrei***
*Hypothenemus perhispidus* (Eggers).

***Guttiferae* spp.**
*Xyleborus vismiae* Wood.

***Gymnarion* spp.**
*Xyleborus affinis* Eichhoff.

***Gymnosporia luteola***
*Traglostus exornatus* Schedl.

***Gymnosporia* spp.**
*Platypus orientalis* (Strohmeyer), *Scolytoplatypus fasciatus* Hagedorn, *Scolytoplatypus kivuensis* Schedl.

***Gymotroches omillaris***
*Xylosandrus morigerus* (Blandford).

***Haasia* spp.**
*Xylosandrus compactus* (Eichhoff).

***Hagenia abyssinica***
*Cyclorhipidion agnaticeps* (Schedl), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus longipennis* (Eggers),

*Platypus impressus* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Xyleborus ruandae* Schedl.

***Hagenia* spp.**
*Acanthotomicus curvidens* (Schedl), *Ambrosiodmus 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***
*Ambrosiodmus opacithorax* (Schedl), *Chactastus tuberculatus* (Chapuis), *Cylindropalpus auricomans* (Schaufuss), *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatus 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.**
*Ambrosiodmus incertus* (Schedl), *Xyleborus venustulus* Schedl.

***Harungana madagascariensis***
*Hypothenemus plumeriae* (Nordlinger), *Phrixosoma fuscovillosa* (Schedl), *Pseudomicracis harunganae* (Schedl), *Xylosandrus hirsutipennis* (Schedl).

***Heathi* spp.**
*Hypothenemus eruditus* Westwood.

***Hechtia podantha***
*Chramesus annectens* (Wood).

***Hedera colchica***
*Kissophagus novaki* Reitter.

***Hedera helix***
*Kissophagus hederae* (Schmidt), *Kissophagus novaki* Reitter, *Kissophagus nuesslini* 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 externedentatus* (Fairmaire), *Crossotarsus squamulatus* Chapuis, *Euwallacea 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***
*Ambrosiodmus obliquecaudata* Motschulsky, *Chactastus tuberculatus* (Chapuis), *Coptoborus pseudotennis* (Schedl), *Coptoborus vespatorius* (Schedl), *Coptodryas corporaali* (Eggers), *Crossotarsus minax* (Walker), *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Doliopygus conradti* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Eccoptopterus spinosus* (Olivier), *Euwallacea andamanensis* (Blandford), *Euwallacea comptus* (Sampson), *Euwallacea fornicatus* (Eichhoff), *Euwallacea interjectus* (Blandford), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus biseriatus* (Eggers), *Hypothenemus eruditus* Westwood, *Hypothenemus javanus* (Eggers), *Periommatus longicollis* Chapuis, *Platypus cupulatus* Chapuis, *Platypus hintzi* Schaufuss, *Platypus insularis* Strohmeyer, *Platypus jansoni* Chapuis, *Platypus lepidus* Chapuis, *Platypus liratus* Blandford, *Platypus parallelus* (Fabricius), *Platypus pseudocupulatus* Schedl, *Platypus quinquecostatus* Chapuis, *Platypus selysi* Chapuis, *Platypus signatus* Chapuis, *Platypus solidus* Walker, *Platypus westwoodi* Chapuis, *Premnobius quadrispinosus* Schedl, *Premnobius robustulus* (Schedl), *Tesserocerus dewalquei* Chapuis, *Theoborus ricini* (Eggers), *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus exiguus* (Walker), *Xyleborinus heveae* (Schedl), *Xyleborinus polyalthiae* (Schedl), *Xyleborinus similans* (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 volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford), *Xylosandrus morigerus* (Blandford).

***Hevea* spp.**
*Ambrosiodmus albizzianus* (Schedl), *Coptodryas nugax* (Schedl), *Crossotarsus javanus* Beeson, *Hypothenemus camerunus* (Eggers), *Hypothenemus eruditus* Westwood, *Platypus biuncus* Blandford, *Platypus cavus* Strohmeyer, *Platypus tragus* Schedl, *Premnobius cavipennis* Eichhoff, *Xyleborus similis* Ferrari, *Xylosandrus discolor* (Blandford).

***Hexalobus africanus***
*Doliopygus brevis* (Strohmeyer).

***Hexalobus crispiflorus***
*Platypus parallelus* (Fabricius).

***Hibiscus macrophyllus***
*Ernocladius corpulentus* (Sampson), *Euwallacea xanthopus* (Eichhoff), *Margadillius minor* Schedl, *Xylosandrus mancus* (Blandford).

***Hibiscus rosa-sinensis***
*Hypothenemus eruditus* Westwood.

***Hibiscus* spp.**
*Margadillius parvulus* Eggers, *Platypus lepidus* Chapuis, *Platypus pseudocupulatus* Schedl, *Xylosandrus compactus* (Eichhoff).

***Hibiscus syriacus***
*Ernoporicus caucasicus* (Lindemann), *Ernoporus tiliae* (Panzer).

***Hibiscus tiliaceus***
*Cryphalus major* Stebbing, *Cryphalus neglectus* Schedl, *Hypocryphalus corpulentus* Schedl, *Hypothenemus dipterocarpi* Hopkins, *Ptilopodius marquesanus* Beeson, *Ptilopodius ramosus* Beeson, *Xyleborus ferrugineus* (Fabricius).

***Hildegardia barteri***
*Chaetastus tuberculatus* (Chapuis).

***Hippocratea* spp.**
*Hypothenemus eruditus* Westwood.

***Hippomane mancinella***
*Cnemonyx opacus* Wood, *Cnemonyx splendens* (Wood).

***Hirtella glandulosa***
*Dryocoetoides pseudosolitarius* (Eggers).

***Hirtella* spp.**
*Dryocoetoides rusticus* Wood.

***Hirtella triunda***
*Taurodemus bicornutus* (Wood).

***Histiogaster carpio***
*Xyleborinus saxeseni* (Ratzeburg).

***Holigarna arnottiana***
*Euwallacea andamanensis* (Blandford), *Xyleborus perforans* (Wollaston), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus terminatus* (Eggers).

***Holoptelea grandis***
*Doliopygus medius* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus serratus* (Strohmeyer), *Xyleborus alluaudi* Schaufuss.

***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 conradti* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Platypus hintzi* Schaufuss, *Platypus intermedius* (Schedl).

***Hopea beccariana***
*Webbia cornutus* Schedl, *Webbia duodecimspinatus* Schedl, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus mancus* (Blandford).

***Hopea ferrea***
*Arixyleborus scabripennis* (Blandford), *Coptodryas perparva* (Sampson), *Cryptoxyleborus nanus* Browne, *Euwallacea limatus* (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 mancus* (Blandford).

***Hopea mengarawan***
*Platypus protenus* (Schedl).

***Hopea odorata***
*Arixyleborus medius* (Eggers), *Eccoptopterus limbus* Sampson, *Genyocerus biporus* (Schedl), *Genyocerus diaphanus* (Schedl), *Hadrodemius comans* (Sampson), *Platypus curtus* Chapuis, *Platypus shorearus* (Beeson), *Webbia cornutus* Schedl, *Webbia trigintispinatus* Sampson, *Xylosandrus crassiusculus* (Motschulsky).

***Hopea parviflora***
*Ambrosiodmus lewisi* (Blandford), *Sphaerotrypes subtectus* Browne, *Xylosandrus compactus* (Eichhoff).

***Hopea* spp.**
*Cnestus suturalis* (Eggers), *Diapus quinquespinatus* Chapuis, *Genyocerus puer* (Schedl), *Platypus bifurcus* (Schedl), *Schedlia sumatrana* (Hagedorn), *Sphaerotrypes philippinensis* Strohmeyer, *Taphrodasus divisus* (Browne), *Webbia dipterocarpi* Hopkins, *Webbia quattuordecimspinatus* Sampson, *Webbia suturalis* Browne, *Xyleborinus perminutissimus* (Schedl), *Xyleborus amplexicauda* Hagedorn.

***Hopea wightiana***
*Euwallacea andamanensis* (Blandford), *Sphaerotrypes subtectus* Browne, *Xyleborus perforans* (Wollaston), *Xylosandrus crassiusculus* (Motschulsky).

***Horsfieldia glabra***
*Crossotarsus hornii* Schedl, *Diapus quinquespinatus* Chapuis, *Platypus bajulus* Schedl.

***Horsfieldia irya***
*Platypus selysi* Chapuis.

***Hoslundia opposita***
*Euwallacea xanthopus* (Eichhoff).

***Hoslundia* spp.**
*Ambrosiodmus obliquus* (LeConte).

***Hovea* spp.**
*Ambrosiodmus rubricollis* (Eichhoff).

***Hovenia dulcis***
*Hypothenemus brunneus* (Hopkins).

***Howea belmoreana***
*Coccotrypes dactyliperda* (Fabricius).

***Hullettia dumosa***
*Xylosandrus mancus* (Blandford).

***Humiristrum exselsum***
*Dryocoetoides insculptus* Wood.

***Hura polyandra***
*Cnemonyx equiluai* Wood.

***Hydnocarpus* spp.**
*Xyleborus perforans* (Wollaston).

***Hydnocarpus wightiana***
*Xyleborus perforans* (Wollaston).

***Hylodendron gabunense***
*Chaetastus tuberculatus* (Chapuis), *Hypothenemus biseriatus* (Eggers), *Mesoplatypus venustus* Schedl, *Premnobius quadrispinosus* Schedl, *Xyleborus ferrugineus* (Fabricius).

***Hymenaea courbaril***
*Araptus hymenaeae* (Eggers), *Crossotarsus schedli* Browne, *Hypothenemus obscurus* (Fabricius).

***Hymenocardia capensis***
*Lanurgus bicolor* Schedl.

***Hymenocardia ulmoides***
*Doliopygus conradti* (Strohmeyer), *Doliopygus notatus* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus submarginatus* Schedl, *Periommatus grandis* Schedl, *Xyleborus annectens* Schedl.

***Hymenodictyon excelsum***
*Coptodryas revidens* (Sampson), *Euwallacea 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, *Dryocoetoides cristatus* (Fabricius), *Periommatus longicollis* Chapuis, *Stephanopodius ghanaensis* (Schedl), *Trachyostus aterrimus* (Schaufuss), *Xyleborus alluaudi* Schaufuss.

***Hymenostegia* spp.**
*Premnobius cavipennis* Eichhoff.

***Hypericum lanceolatum***
*Cyclorhipidion agnaticeps* (Schedl), *Pseudomicracis bugekeae* (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).

***Hypodaphnis* spp.**
*Periommatus excisus* Strohmeyer.

***Hyracreptans* spp.**
*Hypothenemus seriatus* (Eichhoff).

***Ibuga* spp.**
*Xyleborus amanicus* Hagedorn.

***Ichthyomethia communis***
*Ambrosiodmus leconte*i Hopkins, *Hypothenemus brunneus* (Hopkins), *Hypothenemus columbi* Hopkins, *Hypothenemus eruditus* Westwood, *Hypothenemus squamosus* (Hopkins).

***Icica altisima***
*Acanthotomicus bidentis* Wood, *Acanthotomicus ocularis* (Wood), *Xyleborinus celatus* Wood, *Xyleborus affinis* Eichhoff.

***Ilex anomala***
*Xyleborinus saxeseni* (Ratzeburg), *Xyleborus ferrugineus* (Fabricius), *Xyleborus molokaiensis* Perkins, *Xyleborus obliquus* Sharp.

***Ilex chinensis***
*Platypus calamus* Blandford, *Platypus quercivorus* Murayama.

***Ilex dipyrena***
*Crossotarsus cinnamomi* Beeson, *Scolytoplatypus cutomoides* Blandford.

***Ilex macropoda***
*Coptodryas kirishimanus* (Murayama).

***Ilex mitis***
*Chaetastus montanus* Schedl.

***Ilex oldhami***
*Crossotarsus simplex* Murayama, *Xyleborus osumiensis* Murayama.

***Ilex* spp.**
*Ambrosiodmus apicalis* (Blandford), *Ambrosiodmus rubricollis* (Eichhoff), *Cryphalus sylvicola* (Perkins), *Diapus nebulosus* Roberts, *Euwallacea 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 eruditus* Westwood.

***Indigofera* spp.**
*Xylosandrus compactus* (Eichhoff).

***Indigofera suffruticosa***
*Xylosandrus compactus* (Eichhoff).

***Inga alba***
*Xyleborus volvulus* (Fabricius).

***Inga laurina***
*Monarthrum praeustum* (Eggers), *Xyleborus affinis* Eichhoff.

***Inga marginata***
*Xyleborus ferrugineus* (Fabricius).

***Inga paterno***
*Chramesus vitiosus* Wood, *Chramesus xylophagus* Wood, *Hylocurus inaequalis* Wood, *Scolytus laetus* 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, *Dryocoetoides capucinus* (Eichhoff), *Dryocoetoides monachus* (Blandford), *Dryocoetoides pileatus* Wood, *Dryocoetoides 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 lepidus* Wood, *Micracis swainei* Blackman, *Monarthrum notatum* Wood, *Monarthrum proprium* Wood, *Phloeoborus punctatorugosus* Chapuis, *Phloeotribus ingae* Wood, *Phloeotribus squamiger* Wood, *Platypus chiriquensis* Wood, *Scolytodes ingavorus* Wood, *Taurodemus bicornutus* (Wood), *Taurodemus varulus* (Wood), *Theoborus villosulus* (Blandford), *Xyleborinus celatus* Wood, *Xyleborus ferrugineus* (Fabricius), *Xyleborus squamulatus* Eichhoff, *Xylosandrus compactus* (Eichhoff), *Xylosandrus laticeps* (Wood).

***Inga vera***
*Chramesus rotundatus* (Chapuis), *Dryocoetoides pseudosolitarius* (Eggers), *Platypus dentatus* Dahnan, *Platypus excisus* Chapuis, *Xyleborus affinis* Eichhoff.

***Inocarpus edulis***
*Crossotarsus externedentatus* (Fairmaire), *Xyleborus volvulus* (Fabricius).

***Inocarpus* spp.**
*Crossotarsus extenedentatus* (Fairmaire), *Xylosandrus compactus* (Eichhoff).

***Ipomoea cathartica***
*Hypothenemus californicus* Hopkins, *Hypothenemus*

*eruditus* Westwood, *Hypothenemus hirsutus* (Wood), *Hypothenemus seriatus* (Eichhoff).

***Ipomoea littoralis***
*Hypothenemus californicus* Hopkins.

***Ipomoea pres-caprae***
*Cryptocarenus seriatus* Eggers, *Scolytogenes knabi* (Hopkins).

***Ipomoea* spp.**
*Scolytogenes hirtus* (Wood), *Scolytogenes rusticus* (Wood), *Scolytogenes trucis* (Wood).

***Ipomoea turpethum***
*Scolytogenes aspericollis* (Eichhoff).

***Iranum xanthophyllum***
*Xyleborus xanthophyllus* Schedl.

***Irvingia gabonensis***
*Chaetastus tuberculatus* (Chapuis), *Cylindropalpus pumilio* (Schedl), *Platypus hintzi* Schaufuss, *Xyleborus affinis* Eichhoff.

***Irvingia grandifolia***
*Ambrosiodmus aegir* (Eggers), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus lefevrei* Schedl, *Doliopygus serratus* (Strohmeyer), *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus volvulus* (Fabricius).

***Isoloma bruneelii***
*Doliopygus erichsoni* (Chapuis), *Doliopygus tenuis* (Strohmeyer), *Euwallacea xanthopus* (Eichhoff), *Periommatus similis* Strohmeyer, *Xyleborinus polyalthiae* (Schedl), *Xyleborus affinis* Eichhoff.

***Isoloma* spp.**
*Premnobius cavipennis* Eichhoff.

***Isonandra polyantha***
*Euwallacea bicolor* (Blandford), *Scolytomimus assamensis* Schedl.

***Isonandra* spp.**
*Xyleborinus andrewesi* (Blandford).

***Iva imbricata***
*Hypothenemus californicus* Hopkins, *Hypothenemus gossypii* (Hopkins).

***Ixonanthes reticulata***
*Crossotarsus wallacei* (Thomson), *Platypus cupulatus* Chapuis.

***Ixora parviflora***
*Euwallacea andamanensis* (Blandford).

***Jacaranda copaia***
*Platypus dentatus* Dahman, *Xyleborus semipunctatus* Eggers, *Xyleborus volvulus* (Fabricius).

***Jacaranda* spp.**
*Premnobius cavipennis* Eichhoff, *Xylosandrus laticeps* (Wood).

***Jacksonia* spp.**
*Xyleborus perforans* (Wollaston).

***Jacobina* 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 mandschuricus* Eggers, *Hylesinus eos* Spessivtsev, *Xyleborus aequalis* (Reitter).

***Juglans mandshurica sieboldiana***
*Platypus modestus* Blandford.

***Juglans nigra***
*Ambrosiodmus rubricollis* (Eichhoff), *Hylesinus crenatus* (Fabricius), *Hypothenemus bezaziani* Peyerimhoff, *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff), *Pityophthorus juglandis* Blackman, *Pityophthorus lautus* Eichhoff, *Pseudothysanoes lecontei* Blackman.

***Juglans regia***
*Ambrosiodmus rubricollis* (Eichhoff), *Coccotrypes nubilus* (Blandford), *Crossotarsus fairmairei* Chapuis, *Dryocoetes himalayensis* Strohmeyer, *Scolytus nitidus* Schedl, *Scolytus scolytus* (Fabricius), *Sphaerotrypes juglansi* Tsai & Yin, *Trypodendron domesticum* (Linnaeus), *Xyleborinus artestriatus* (Eichhoff), *Xyleborinus subgranulatus* (Eggers), *Xylosandrus discolor* (Blandford).

***Juglans sieboldiana***
*Cryphalus juglansi* Niisima, *Hylesinus laticollis* Blandford.

***Juglans* spp.**
*Ambrosiodmus apicalis* (Blandford), *Ambrosiodmus tachygraphus* (Zimmermann), *Hylesinus cingulatus* Blandford, *Hylesinus varius* (Fabricius), *Hypothenemus eruditus* Westwood, *Euwallacea validus* (Eichhoff), *Platypus queenslandi* Schedl, *Scolytoplatypus tycon* Blandford, *Sphaerotrypes juglansis* Krivolutskaya & Kupyanskaya, *Xyleborus ferrugineus* (Fabricius), *Xyleborus sayi* (Hopkins), *Xylosandrus germanus* (Blandford).

***Julbernardia brieyi***
*Cylindropalpus auricomans* (Schaufuss), *Doliopygus divaricus* (Schedl).

***Julbernardia paniculata***
*Glostatus multispinosus* (Schedl), *Polygraphus zambianus* Beaver.

***Julbernardia seretii***
*Chaetastus tuberculatus* (Chapuis), *Cylindropalpus auricomans* (Schaufuss), *Cylindropalpus interpositus* (Schedl), *Doliopygus conjunctus* Schedl, *Doliopygus ghesquierei* (Schedl), *Doliopygus lefevrei* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus pygmaeolus* Schedl, *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Trachyostus aterrimus* (Schaufuss), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Juniperus chinensis***
*Phloeosinus hopehi* Schedl, *Phloeosinus rudis* Blandford, *Phloeosinus shensi* Tsai & Yin.

***Juniperus communis***
*Phloeosinus turkestanicus* Semenov.

***Juniperus deppeana***
*Carphobius arizonicus* Blackman, *Phloeosinus deleoni* Blackman, *Phloeosinus furnissi* Blackman, *Phloeosinus hoferi* Blackman, *Phloeosinus scopulorum neomexicanus* Blackman, *Phloeosinus serratus* (LeConte), *Phloeosinus spinosus* Blackman.

***Juniperus excelsa***
*Phloeosinus acatayi* Schedl.

***Juniperus flaccida***
*Phloeosinus deleoni* Blackman.

***Juniperus monosperma***
*Phloeosinus furnissi* Blackman, *Phloeosinus scopulorum neomexicanus* Blackman, *Phloeosinus serratus* (LeConte).

***Juniperus occidentalis***
*Phloeosinus hoppingi* Swaine, *Phloeosinus punctatus* LeConte, *Phloeosinus serratus* (LeConte), *Phloeosinus swainei* Bruck.

***Juniperus osteosperma***
*Phloeosinus furnissi* Blackman, *Phloeosinus hoferi* Blackman, *Phloeosinus scopulorum neomexicanus* Blackman, *Phloeosinus serratus* (LeConte).

***Juniperus procera***
*Glostatus acaciae* (Schedl).

***Juniperus pseudosabina***
*Phloeosinus turkestanicus* Semenov.

***Juniperus scopulorum***
*Phloeosinus hoferi* Blackman, *Phloeosinus hoppingi* Swaine, *Phloeosinus keeni* Blackman, *Phloeosinus scopulorum scopulorum* Swaine, *Phloeosinus serratus* (LeConte).

***Juniperus* spp.**
*Phloeosinus bicolor* (Brulle), *Phloeosinus cristatus* (LeConte), *Phloeosinus deleoni* Blackman, *Phloeosinus henschi* Reitter, *Phloeosinus palcaris* Wood, *Phloeosinus perlatus* Chapuis, *Phloeosinus serratus* (LeConte), *Phloeosinus thujae* (Perris).

***Juniperus virginiana***
*Phloeosinus dentatus* (Say).

***Kairiballi* spp.**
*Xyleborus parcellus* Wood.

***Kalmia latifolia***
*Xyleborus sayi* (Hopkins).

***Kalopanax ricinifolium***
*Ernoporicus semenovi* (Kurenzov), *Platypus lewisi* Blandford, *Xyleborus orientalis* Eggers.

***Kalopanax septenlobum***
*Crossotarsus niponicus* Blandford, *Platypus lewisi* Blandford, *Xyleborus seriatus* Blandford.

***Kayea floribunda***
*Xylosandrus crassiusculus* (Motschulsky).

***Khaya anthotheca***
*Cylindropalpus granulosus* (Schedl), *Doliopygus perbrevis* Schedl, *Rhopalopsehon immaturus* (Schedl), *Xyleborus consobrinus* Eggers.

***Khaya grandifolia***
*Chaetastus tuberculatus* (Chapuis), *Polygraphus coronatus* Eggers, *Xyleborus affinis* Eichhoff.

***Khaya ivorensis***
*Chaetastus tuberculatus* (Chapuis), *Diapus quinquespinatus* Chapuis, *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus scobinatus* Hagedorn, *Xyleborus subtuberculatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

***Khaya klainea***
*Platypus hintzi* Schaufuss.

***Khaya nyasica***
*Euwallacea khayae* (Schedl).

***Khaya senegalensis***
*Pityophthorus fallax* (Hagedorn), *Xylosandrus mancus* (Blandford).

***Khaya* spp.**
*Ambrosiodmus eichhoffi* (Schreiner), *Chaetastus tuberculatus* (Chapuis), *Cyclorhipidion crucipenne* (Schedl), *Doliopygus artespinatus* (Schedl), *Doliopygus perbreris* Schedl, *Doliopygus unicornis* Schedl, *Pityophthorus hintzi* Schedl, *Platypus hintzi* Schaufuss, *Polygraphus bicolor* Eggers, *Polygraphus granulatus* Eggers, *Polygraphus granulifer* Eggers, *Premnobius cavipennis* Eichhoff, *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus principalis* Eichhoff, *Xyleborus volvulus* (Fabricius).

***Kickxia arborea***
*Platypus signatus* Chapuis.

***Kigelia lanceolata***
*Platypus solutus* Schedl, *Rhopalopsehon congonum* (Schedl).

***Klaineana* spp.**
*Ambrosiodmus eichhoffi* (Schreiner).

***Klainedoxa gabonensis***
*Acanthotomicus sexdentatus* (Eggers), *Chaetastus tuberculatus* (Chapuis), *Coccotrypes rotundicollis* (Eggers), *Doliopygus artespinatus* (Schedl), *Doliopygus bilobatus* (Schedl), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus ghesquierei* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus punctiventris* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus spectabilis* Schedl, *Doliopygus unicornis* Schedl, *Hypothenemus eruditus* Westwood, *Miocryphalus klainedoxae* Schedl, *Periommatus excisus* Strohmeyer, *Periommatus longicollis* Chapuis, *Pityophthorus africanulus* 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 volvulus* (Fabricius).

***Klainedoxa gabonensis oblongifolia***
*Xylosandrus cylindrotomicus* (Schedl).

***Klainedoxa* spp.**
*Premnobius cavipennis* Eichhoff.

***Kleinhovia hospita***
*Hadrodemius globus* (Blandford).

***Knightia excelsa***
*Xyleborinus saxeseni* (Ratzeburg).

***Koompassia excelsa***
*Arixyleborus granulifer* (Eggers), *Coptodryas diversicolor* (Eggers), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus inermis* Schedl, *Crossotarsus squamulatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Eccoptopterus 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 piceus* (Motschulsky), *Xyleborus volvulus* (Fabricius).

***Koompassia* spp.**
*Arixyleborus granifer* (Eichhoff).

***Koordersiodendron pinnatum***
*Platypus lawasensis* Browne.

***Kopsia flavida***
*Platypus insulindicus* Schedl, *Xyleborinus andrewesi* (Blandford), *Xyleborus adusticollis* (Motschulsky).

***Kosteletzkya adoensis***
*Hypothenemus grandis* Schedl.

***Kotschya africana***
*Thamnurgus granulicollis* Schedl.

***Kududavula* spp.**
*Ambrosiodmus obliqueeaudata* Motschulsky.

***Kydia calycina***
*Ernocladius corpulentus* (Sampson), *Euwallacea 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.

***Landera pulcherrime***
*Coccotrypes nubilus* (Blandford).

***Landolphia owariensis***
*Platypus intermedius* (Schedl), *Platypus solutus* Schedl.

***Landolphia robusta***
*Ctonoxylon flavescens* Hagedorn.

***Landolphia* spp.**
*Scolytogenes sodalis* (Schedl).

***Lannea 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 artestriatus* (Eichhoff), *Xyleborus shoreae* (Stebbing), *Xylosandrus crassiusculus* (Motschulsky).

***Lannea welwitschii***
*Doliopygus serratus* (Strohmeyer), *Periommatus grandis* Schedl, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky).

***Lannea zenkeri***
*Platypus hintzi* Schaufuss.

***Lansium domesticum***
*Coptodryas nudipennis* (Schedl), *Cyrtogenius brevior* (Eggers), *Xyleborinus andrewesi* (Blandford), *Xyleborus adusticollis* (Motschulsky), *Xylosandrus nudipennis* (Schedl).

***Lansium* spp.**
*Coptodryas elegans* (Sampson).

***Lantana salvifolia***
*Euwallacea xanthopus* (Eichhoff), *Xyleborus principalis* Eichhoff.

***Lantana* spp.**
*Ambrosiodmus lantanae* (Eggers), *Euwallacea fornicatus* (Eichhoff), *Xylosandrus compactus* (Eichhoff), *Xylosandrus terminatus* (Eggers).

***Laportea* spp.**
*Platypus jansoni* Chapuis, *Platypus solidus* Walker.

***Larix americana***
*Hylurgops rugipennis pinifex* Fitch.

***Larix dahurica***
*Carphoborus cholodkovskyi* Spessivtsev, *Cryphalus latus* Eggers, *Hylurgops spessivtsevi* Eggers, *Polygraphus proximus* Blandford.

***Larix dahurica koreana***
*Dryocoetes infuscatus* Murayama, *Polygraphus koryuensis* Murayama.

***Larix europaea***
*Crypturgus 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 dorjitenzingi* Schmutzenhofer.

***Larix laricina***
*Carphoborus dunni* Swaine, *Dendroctonus simplex* LeConte, *Dendroctonus valens* LeConte, *Pityophthorus consimilis* LeConte, *Pityophthorus opaculus* LeConte, *Polygraphus rufipennis* (Kirby), *Scolytus piceae* (Swaine).

***Larix leptolepis***
*Cryphalus laricis* Niisima, *Dryocoetes karamatsu* Sawamoto, *Polygraphus kisoensis* Niisima, *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 gaimaensis* (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 morawitzi* Semenov.

***Larix* spp.**
*Cryphalus asperatus* (Gyllenhal), *Cryphalus latus* Eggers, *Dendroctonus micans* (Kugelann), *Dryocoetes affaber* (Mannerhein), *Dryocoetes autographus* (Ratzeburg), *Dryocoetes baikalicus* Reitter, *Dryocoetes pini* Niisima, *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***
*Chaetophloeus fasciatus* (Blackman).

***Lasiodiscus* spp.**
*Ambrosiodmus albizzianus* (Schedl).

***Lauraceae* spp.**
*Xyleborus piceus* (Motschulsky).

***Laurineae* spp.**
*Platypus puerulus* (Schedl).

***Laurus alba***
*Thamnurgus kaltenbachi* (Bach).

***Laurus camphora***
*Ambrosiodmus camphorae* (Hagedorn).

***Laurus canariensis***
*Liparthrum nigrescens* Wollaston.

***Laurus nobilis***
*Hypothenemus hystrix* (Eggers), *Liparthrum colchicum* Semenov, *Liparthrum laurivorus* Schedl.

***Lebrunia sushaie***
*Chaetastus 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.**
*Ambrosiodmus eichhoffi* (Schreiner), *Premnobius cavipennis* Eichhoff.

***Lecythis costaricensis***
*Phloeoborus punctatorugosus* Chapuis.

***Lecythis* spp.**
*Phelloterus anaxeus* Wood, *Platypus eversus* 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***
*Euwallacea xanthopus* (Eichhoff).

***Leptoderris laurentii***
*Doliopygus conradti* (Strohmeyer), *Xyleborus alluaudi* Schaufuss.

***Leptolaena multiflora***
*Ambrosiodmus artegranulatus* (Schedl), *Mitosoma lobatum* Schedl, *Mitosoma obtusum* Schedl, *Polygraphus amoenus* (Schaufuss), *Xyleborinus forficuloides* (Schedl).

***Leptonychia bantangensis***
*Xyleborus barumbuensis* Eggers.

***Leptospermum ericoides***
*Amasa 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***
*Eccoptopterus spinosus* (Olivier).

***Leucaenia pulverulenta***
*Chramesus mimosae* Blackman, *Hylocurus atkinsoni* Wood.

***Leucaenia* spp.**
*Ambrosiodmus wilderi* (Beeson), *Euwallacea fornicatus* (Eichhoff), *Xyleborus swezeyi* Beeson, *Xylosandrus compactus* (Eichhoff).

***Leucas* spp.**
*Miniocurus congonus* (Schedl).

***Leucosceptrum canum***
*Euwallacea velatus* (Sampson), *Euwallacea wallacei* (Blandford).

***Lezjavai* spp.**
*Hypothenemus eruditus* Westwood.

***Libocedrus decurrens***
*Phlocosinus antennatus* Swaine, *Phlocosinus fulgens* Swaine, *Phlocosinus hoppingi* Swaine, *Phlocosinus punctatus* LeConte, *Phlocosinus sequoiae* Hopkins, *Phlocosinus vandykei* Swaine.

***Licania* spp.**
*Phelloterus anaxeus* Wood, *Platypus exitialis* Wood, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).

***Ligustrum* spp.**
*Ambrosiodmus rubricollis* (Eichhoff), *Lanurgus barbatus* Eggers.

***Limaciopsis loangensis***
*Doliopygus artespinatus* (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), *Euwallacea bicolor* (Blandford), *Xyleborus glabratus* Eichhoff.

***Lindera pulcherrima***
*Diapus quadrispinatus* Chapuis, *Diapus quinquespinatus* Chapuis, *Diapus spatulifer* Browne, *Scolytogenes ceylonicus* (Schedl).

***Lindera* spp.**
*Ambrosiodmus obliquus* (LeConte), *Scolytoplatypus tycon* Blandford, *Xylosandrus brevis* (Eichhoff), *Xylosandrus mutilatus* (Blandford).

***Lindera thunbergii***
*Crossotarsus simplex* Murayama.

***Lippia* spp.**
*Ambrosiodmus aegir* (Eggers).

***Lippia substrigosa***
*Corthylus mexicanus* Schedl.

***Liquidambar orientalis***
*Platypus simulans* Schedl.

***Liquidambar* spp.**
*Xylosandrus compactus* (Eichhoff).

***Liquidambar styraciflua***
*Cnesinus strigicollis* LeConte, *Dryocoetes betulae* Hopkins, *Hypothenemus eruditus* Westwood, *Hypothenemus interstitialis* (Hopkins), *Hypothenemus seriatus* (Eichhoff), *Monarthrum fasciatum* (Say), *Monarthrum mali* (Fitch), *Pityophthorus liquidambarus* Blackman, *Pityophthorus molestus* Wood, *Xyleborus ferrugineus* (Fabricius).

***Liriodendron* spp.**
*Ambrosiodmus tachygraphus* (Zimmermann), *Xyleborus dispar* (Fabricius), *Xyleborus obesus* LeConte.

***Liriodendron tulipifera***
*Corthylus columbianus* Hopkins, *Trischidias atomus* (Hopkins), *Xyleborus sayi* (Hopkins), *Xylosandrus germanus* (Blandford).

***Liriosma singularis***
*Premnobius cavipennis* Eichhoff, *Taurodemus perebeae* (Ferrari), *Xyleborinus reconditus* (Schedl), *Xyleborus rugosipennis* Schedl.

***Lithocarpus amygdalifolia***
*Xyleborus atratus* Eichhoff.

***Lithocarpus densiflorus***
*Monarthrum scutellare* (LeConte).

***Lithocarpus edulis***
*Platypus quercivorus* Murayama.

***Lithocarpus konishii***
*Diapus formosanus* Niisima & Murayama.

***Lithocarpus* spp.**
*Diapus latespinis* Schedl, *Diapus nanus* Schedl, *Diapus perpygmaeus* Roberts, *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Diapus robustus* Schedl, *Platypus novaeguineensis* Roberts, *Xyleborus armiger* Schedl, *Xyleborus armipennis* Schedl.

***Lithocarpus stipitata***
*Xyleborus atratus* Eichhoff.

***Lithocarpus ternaticupula***
*Xyleborus atratus* Eichhoff.

***Lithocarpus wallichianus***
*Anisasa schlichi* (Stebbing), *Crossotarsus longicollis* Browne, *Crossotarsus squamulatus* Chapuis, *Cyclorhipidion punctatopilosum* (Schedl), *Platypus pseudocupulatus* Schedl, *Xylosandrus crassiusculus* (Motschulsky).

***Litsea amara***
*Phloeoeranus bruchoides* Schedl, *Xylosandrus pygmaeus* (Eggers).

***Litsea cassiaefolia***
*Xylosandrus compactus* (Eichhoff).

***Litsea dolichocarpa***
*Xyleborus atratus* Eichhoff.

***Litsea domarensis***
*Hyledius nitidicollis* (Motschulsky), *Platypus jansoni* Chapuis, *Sueus niisimai* (Eggers).

***Litsea elongata***
*Diapus spatulifer* Browne, *Scolytoplatypus pubescens* Hagedorn, *Scolytoplatypus raja* Blandford, *Xyleborus glabratus* Eichhoff.

***Litsea megacarpa***
*Crossotarsus wallacei* (Thomson), *Hadrodemius globus* (Blandford), *Platypus pseudocupulatus* Schedl, *Xylosandrus mancus* (Blandford).

***Litsea polyantha***
*Coccotrypes myristicae* (Roepke), *Platypus solidus* Walker, *Xyleborus perforans* (Wollaston).

***Litsea* spp.**
*Crossotarsus porcatus* Roberts, *Diapus amblylaminatus* Roberts, *Diapus bilunatus* Schedl, *Diapus nebulosus* Roberts, *Diapus unispineus* Roberts, *Phloeoeranus bruchoides* Schedl, *Scolytoplatypus darjeelingi* Stebbing, *Xyleborus perforans* (Wollaston).

***Litsea umbrosa***
*Xyleborus eggersi* Beeson.

***Litsea zeylanica***
*Ambrosiodmus asperatus* (Blandford), *Platypus furcatus* Blandford.

***Livistona cochinchinensis***
*Coccotrypes barbatus* (Schedl), *Coccotrypes nitidus* (Eggers).

***Livistona jenkinsiana***
*Platypus shillongensis* Schedl.

***Livistona* spp.**
*Coccotrypes carpophagus* (Hornung), *Coccotrypes dactyliperda* (Fabricius), *Xyleborus perforans* (Wollaston).

***Lobelia bequaertii***
*Thamnurgus lobeliae* Eggers.

***Lobelia gibberoa***
*Cyrtogenius novoliae* (Schedl), *Thamnurgus africanus* Eggers, *Thamnurgus zukwalae* Scott.

***Lobelia* spp.**
*Thamnurgus africanus* Eggers, *Thamnurgus punctatissimus* Eggers, *Xyleborus piceus* (Motschulsky).

***Lobelia telekii***
*Thamnurgus lobeliae* Eggers.

***Lobelia wollastonii***
*Thamnurgus 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 crenatus* Wood, *Cnesinus 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 hintzi* Schaufuss, *Tiarophorus intermedius* Schedl.

***Lonchocarpus* spp.**
*Chramesus periosus* Wood, *Chramesus securus* Wood, *Hylesinopsis rhodesianus* (Eggers), *Pseudothysanoes squameus* Wood, *Rhopalopselion lonchocarpae* (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* (Schaufuss), *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Premnobius corthyloides* Hagedorn, *Xyleborus affinis* Eichhoff, *Xyleborus volvulus* (Fabricius).

***Lophira procera***
*Platypus parallelus* (Fabricius), *Xyleborus affinis* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky).

***Lophira* spp.**
*Premnobius cavipennis* Eichhoff.

***Lophopetalum* spp.**
*Ambrosiodmus sarawakensis* (Eggers), *Baiocis pernanulus* (Schedl), *Platypus lingulatus* Roberts & Morimoto, *Platypus lophopetali* Browne, *Platypus pseudocupulatus* Schedl, *Platypus puerulus* (Schedl).

***Loranthus* spp.**
*Cyrtogenius polyphagus* (Schedl), *Thamnurgus granulicollis* Schedl, *Xylocleptes sidanus* (Schedl), *Xylosandrus abruptulus* (Schedl).

***Lovoa brownii***
*Chaetastus tuberculatus* (Chapuis), *Doliopygus artespinatus* (Schedl), *Doliopygus chapuisi* (Duvivier), *Doliopygus excavatus* (Sampson), *Xyleborus alluaudi* Schaufuss.

***Lovoa klaineana***
*Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xylosandrus crassiusculus* (Motschulsky).

***Lovoa* spp.**
*Doliopygus excavatus* (Sampson), *Periommatus excisus* Strohmeyer, *Periommatus longicollis* Chapuis.

***Lovoa trichilioides***
*Chaetastus tuberculatus* (Chapuis), *Doliopygus artespinatus* (Schedl), *Doliopygus bitalei* Schedl, *Doliopygus coelocephalus* (Schaufuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Hypothenemus eruditus* Westwood, *Periommatus grandis* Schedl, *Platypus parallelus* (Fabricius), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus amanicus* Hagedorn, *Xyleborus principalis* Eichhoff, *Xyleborus sphenos* Sampson, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Lucuma malaccensis***
*Platypus loricatus* (Sampson), *Platypus signatus* Chapuis, *Platypus westwoodi* Chapuis.

***Luffa acutangula***
*Dendrocranulus cucurbitae* (LeConte), *Dendrocranulus sobrinus* Wood.

***Luffa aegyptiace***
*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 ugandaensis* Schedl.

***Maba laurentii***
*Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus subdolosus* Schedl, *Doliopygus tenuis* (Strohmeyer), *Mesoplatypus ustus* Schedl, *Platypus hintzi* Schaufuss, *Xyleborus multispinatus* Eggers, *Xyleborus scobinatus* Hagedorn.

***Maba sanducicensis***
*Crossotarsus externedentatus* (Fairmaire).

***Maba* spp.**
*Glostatus acaciae* (Schedl), *Scolytoplatypus fasciatus* Hagedorn, *Trachyostus aterrimus* (Schaufuss).

***Macadamia indica***
*Coccotrypes cyperi* (Beeson).

***Macadamia* spp.**
*Euwallacea fornicatus* (Eichhoff), *Xylosandrus compactus* (Eichhoff).

***Macaranga aleuritoides***
*Hypothenemus quadridens* Browne.

***Macaranga andamanica***
*Diamerus curvifer* (Walker).

***Macaranga barteri***
*Periommatus grandis* Schedl, *Periommatus longicollis* Chapuis, *Platypus orientalis* (Strohmeyer).

***Macaranga denticulata***
*Coccotrypes cyperi* (Beeson), *Coccotrypes longior* (Eggers), *Coccotrypes nubilus* (Blandford), *Diamerus nigrisetosus* Eggers, *Euwallacea interjectus* (Blandford), *Euwallacea velatus* (Sampson), *Euwallacea wallacei* (Blandford), *Platypus lopchuensis* Schedl, *Scolytoplatypus raja* Blandford.

***Macaranga gigantea***
*Coccotrypes cinnamomi* (Eggers), *Coccotrypes medius* (Eggers).

***Macaranga kilimandjarica***
*Crossotarsus externedentatus* (Fairmaire).

***Macaranga lancifolia***
*Chaetastus tuberculatus* (Chapuis), *Cylindropalpus laudatus* (Schedl), *Doliopygus donisi* Schedl, *Doliopygus erichsoni* (Chapuis), *Doliopygus lateralis* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus minor* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Hypothenemus eruditus* Westwood, *Periommatus excisus* Strohmeyer, *Periommatus subrobustus* Schedl, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus picinus* Schedl, *Platypus schenklingi* (Strohmeyer), *Platypus spinulosus* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius).

***Macaranga monandra***
*Xylosandrus crassiusculus* (Motschulsky).

***Macaranga neomildbraediana***
*Euwallacea xanthopus* (Eichhoff).

***Macaranga schweinfurthii***
*Chaetastus tuberculatus* (Chapuis).

***Macaranga spinosa***
*Platypus minutissimus* Schedl, *Xyleborinus sharpae* (Hopkins).

***Macaranga* spp.**
*Amasa versicolor* (Sampson), *Chaetastus montanus* Schedl, *Crossotarsus terminatus* Chapuis, *Cyclorhipidion bicinctum* (Schedl), *Diapus bilunatus* Schedl, *Diapus papuanus* Schedl, *Diapus nebulosus* Roberts, *Diapus turgidus* Roberts, *Doliopygus bidentatus* (Strohmeyer), *Doliopygus bilobatus* (Schedl), *Doliopygus lateralis* Schedl, *Doliopygus retusus* Schedl, *Platypus capitilanatus* Roberts & Morimoto, *Platypus collinus* Browne, *Platypus jansoni* Chapuis, *Platypus opacideclivis* Schedl, *Platypus picinus* Schedl, *Platypus solidus* Walker, *Prem-*

*nobius cavipennis* Eichhoff, *Premnobius sexspinosus* Eggers, *Scolytoplatypus mikado* Blandford, *Scolytoplatypus occidentalis* Browne, *Scolytoplatypus truncatus* Browne, *Triozastus marshalli* (Sampson), *Xyleborinus gracilipennis* (Schedl), *Xyleborinus quadrispinosus* (Eichhoff), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborinus similans* (Eggers), *Xyleborus truncatulus* Schedl, *Xylosandrus difficilis* (Eggers), *Xylosandrus morigerus* (Blandford).

***Machilus edulis***

*Diapus spatulifer* Browne.

***Machilus japonica***

*Platypus calamus* Blandford, *Scolytus aratus* Blandford, *Xyleborus machili* Niisima.

***Machilus longipaniculata***

*Crossotarsus rengetensis* Niisima & 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, *Euwallacea velatus* (Sampson), *Indocryphalus machili* Wood, *Phloeosinus machilus* (Schedl), *Phloeosinus squamulatus* Chapuis, *Platypus curtatus* Sampson, *Platypus falcatus* Strohmeyer, *Scolytoplatypus minimus* Hagedorn, *Scolytoplatypus raja* Blandford, *Xyleborus improbus* Sampson, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford).

***Machilus* spp.**

*Amasa amputatus* (Blandford), *Ambrosiodmus apicalis* (Blandford), *Ambrosiodmus rubricollis* (Eichhoff), *Diapus spatulifer* Browne, *Euwallacea interjectus* (Blandford), *Euwallacea validus* (Eichhoff), *Hadrodemius amorphus* (Eggers), *Hadrodemius artecomans* (Schedl), *Scolytoplatypus mikado* Blandford, *Scolytoplatypus tycon* Blandford, *Xyleborus aquilus* Blandford, *Xyleborus kumamotoensis* Murayama, *Xyleborus pfeili* (Ratzeburg), *Xylosandrus germanus* (Blandford).

***Machilus thunbergii***

*Cnestus murayamai* Schedl, *Crossotarsus niponicus* Blandford, *Dryocoetiops coffeae* (Eggers), *Indocryphalus pubipennis* (Blandford), *Phloeosinus pulchellus* Blandford, *Platypus calamus* Blandford, *Platypus contaminatus* (Blandford), *Sueus niisimai* (Eggers), *Taphroryclus taradakensis* (Murayama), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus atratus* Eichhoff, *Xyleborus volvulus* (Fabricius), *Xylosandrus brevis* (Eichhoff), *Xylosandrus discolor* (Blandford), *Xylosandrus mutilatus* (Blandford).

***Maclura pomifera***

*Hypothenemus seriatus* (Eichhoff), *Liparthrum squamosum* (Blackman).

***Macphersiona madagascariensis***

*Mitosoma excisum* Schaufuss, *Xyleborinus spiculatus* (Shaufuss), *Xyleborus alluaudi* Schaufuss.

***Macrolobium heudelotii***

*Ambrosiodmus tropicus* (Hagedorn), *Cyclorhipidion cachani* (Schedl), *Cylindropalpus auricomans* (Schaufuss), *Doliopygus serratus* (Strohmeyer), *Xyleborinus similans* (Eggers), *Xyleborus ambasiusculus* Eggers, *Xyleborus subtuberculatus* Eggers.

***Macrolobium macrophyllum***

*Cylindropalpus auricomans* (Schaufuss), *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus rothkirchi* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

***Macrolobium* spp.**

*Ambrosiodmus tropicus* (Hagedorn), *Coptoborus usagaricus* (Eggers), *Hypothenemus macrolobii* (Eggers), *Premnobius cavipennis* Eichhoff, *Premnobius quadrispinosus* Schedl, *Premnobius sexspinosus* Eggers, *Xyleborinus sharpae* (Hopkins), *Xyleborus ambasiusculus* Eggers, *Xyleborus conradti* Hagedorn, *Xyleborus multispinatus* Eggers, *Xyleborus subtuberculatus* Eggers, *Xylosandrus corthyloides* (Schedl), *Xylosandrus crassiusculus* (Motschulsky).

***Madhuca* spp.**

*Amasa striatotruncatus* (Schedl), *Crossotarsus externedentatus* (Fairmaire).

***Madrilus edulis***

*Xyleborus lineatus* Eggers.

***Maesa lanceolata***

*Euwallacea xanthopus* (Eichhoff).

***Maesa rufescens***

*Chaetastus montanus* Schedl, *Doliopygus artespinatus* (Schedl), *Doliopygus bidentatus* (Strohmeyer), *Euwallacea xanthopus* (Eichhoff), *Platypus impressus* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Theoborus ricini* (Eggers), *Xyleborus alluaudi* Schaufuss, *Xyleborus principalis* Eichhoff.

***Maesa* spp.**

*Chaestatus montanus* Schedl, *Euwallacea malloti* (Eggers), *Scolytoplatypus kivuensis* Schedl, *Xyleborus ruandae* Schedl.

***Maesa tenera***

*Xylosandrus brevis* (Eichhoff).

***Maesobotrya* spp.**

*Scolytoplatypus kivuensis* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus africanus* Eggers, *Xyleborus alluaudi* Schaufuss.

***Maesopsis eminii***

*Ambrosiodmus albizzianus* (Schedl), *Coptoborus usagaricus* (Eggers), *Cyclorhipidion crucipenne* (Schedl), *Doliopygus conradti* (Strohmeyer), *Doliopygus retusus* Schedl, *Doliopygus serratus* (Strohmeyer), *Periommatus excisus* Strohmeyer, *Periommatus subrobustus* Schedl, *Platypus hintzi* Schaufuss, *Scolytoplatypus africanus* Eggers, *Xyleborus affinis* Eichhoff, *Xyleborus volvulus* (Fabricius).

***Maesopsis* spp.**

*Premnobius cavipennis* Eichhoff.

***Magnolia cathartii***

*Platypus errans* (Sampson).

***Magnolia foetida***

*Hypothenemus eruditus* Westwood.

***Magnolia glauca***

*Cnesinus strigicollis* LeConte, *Hypothenemus eruditus* Westwood.

***Magnolia grandiflora***

*Platypus compositus* Say.

***Magnolia obovata***

*Crossotarsus niponicus* Blandford, *Euwallacea validus* (Eichhoff), *Xyleborinus attenuatus* (Blandford).

***Magnolia* spp.**

*Hypothenemus crudiae* (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 wapleri* Eichhoff.

***Mallotus albus***
*Carchesiopygus impariporus* (Beeson), *Hadrodemius pseudocomans* (Eggers), *Platypus solidus* Walker, *Webbia trigintispinatus* Sampson.

***Mallotus japonicus***
*Euwallacea validus* (Eichhoff), *Platypus calamus* Blandford, *Xyleborus aquilus* Blandford, *Xyleborus seriatus* Blandford, *Xyleborus volvulus* (Fabricius).

***Mallotus philippinensis***
*Coccotrypes nubilus* (Blandford), *Euwallacea bicolor* (Blandford), *Euwallacea malloti* (Eggers), *Xyleborinus artestriatus* (Eichhoff), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

***Mallotus ricinoides***
*Cryphalus malloti* Schedl, *Scolytoplatypus pusillus* Eggers.

***Mallotus roxburghianus***
*Crossotarsus machili* Beeson.

***Mallotus* spp.**
*Xyleborinus andrewesi* (Blandford).

***Malus formosana***
*Xyleborus atratus* Eichhoff.

***Malus pumila***
*Ambrosiodmus apicalis* (Blandford), *Scolytus aratus* Blandford, *Xylosandrus crassiusculus* (Motschulsky).

***Malus sieboldii***
*Xyleborus montanus* Niisima.

***Malus* spp.**
*Corthylus mexicanus* Schedl, *Hypothenemus eruditus* Westwood, *Scolytus laevis* Chapuis, *Scolytus mali* (Bechstein), *Scolytus pomi* Yin & Huang, *Scolytus rugulosus* (Muller), *Scolytus semenovi* (Spessivtsev), *Scolytus tadzhikistanicus* Stark, *Tiarophorus scrutator* (Pandelle), *Xyleborinus saxeseni* (Ratzeburg).

***Malus sylvestris***
*Xylosandrus pseudosolidus* (Schedl).

***Malvastrum* spp.**
*Hypothenemus californicus* Hopkins, *Xylosandrus compactus* (Eichhoff).

***Mammea africana***
*Doliopygus coelocephalus* (Schaufuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus expletus* Schedl, *Doliopygus ghesquierei* (Schedl), *Doliopygus lateralis* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus propinquus* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Periommatus excisus* Strohmeyer, *Periommatus longicollis* Chapuis, *Platypus solutus* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus volvulus* (Fabricius).

***Mammea americana***
*Coccotrypes cyperi* (Beeson).

***Mammea* spp.**
*Ambrosiodmus eichhoffi* (Schreiner).

***Mangifera caesia***
*Xyleborinus andrewesi* (Blandford).

***Mangifera foetida***
*Xyleborus emarginatus* Eichhoff.

***Mangifera indica***
*Ambrosiodmus diversipennis* (Schedl), *Ambrosiodmus fraterculus* (Schaufuss), *Ambrosiodmus hagedorni* (Iglesias), *Coccotrypes confusus* (Eggers), *Coccotrypes cyperi* (Beeson), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus minax* (Walker), *Cryptocarenus seriatus* Eggers, *Cyclorhipidion mangoense* (Schedl), *Diamerus mangiferae* Browne, *Diamerus nigrisetosus* Eggers, *Diapus quinquespinatus* Chapuis, *Eccoptopterus spinosus* (Olivier), *Euwallacea interjectus* (Blandford), *Euwallacea xanthopus* (Eichhoff), *Ficicis despectus* (Walker), *Hypocryphalus mangiferae* (Stebbing), *Hypothenemus birmanus* (Eichhoff), *Hypothenemus californicus* Hopkins, *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus gossypii* (Hopkins), *Hypothenemus javanus* (Eggers), *Hypothenemus mangororus* Schedl, *Hypothenemus morio* (Eggers), *Hypothenemus seriatus* (Eichhoff), *Hypothenemus setosus* (Eichhoff), *Platypus jansoni* Chapuis, *Platypus latifinis* Walker, *Platypus solidus* Walker, *Premnobius ambitiosus* (Schaufuss), *Xyleborinus andrewesi* (Blandford), *Xyleborinus artestriatus* (Eichhoff), *Xyleborinus forficuloides* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus biconicus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus haberkorni* Eggers, *Xyleborus metacuneolus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xyleborus spinulosus* Blandford, *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford), *Xylosandrus mancus* (Blandford), *Xylosandrus pseudosolidus* (Schedl).

***Mangifera minor***
*Platypus jansoni* Chapuis.

***Mangifera odorata***
*Hypocryphalus mangiferae* (Stebbing), *Xyleborus metacuneolus* Eggers, *Xylosandrus compactus* (Eichhoff).

***Mangifera* spp.**
*Crossotarsus brownei* Schedl, *Diapus nanus* Schedl, *Diapus pusillimus* Chapuis, *Euwallacea fornicatus* (Eichhoff), *Platypus ovatus* Strohmeyer, *Platypus pseudocupulatus* Schedl, *Premnobius cavipennis* Eichhoff.

***Manihot glaziovii***
*Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky).

***Manihot utilissima***
*Hypothenemus bauhaniae* Schedl, *Platypus parallelus* (Fabricius), *Xyleborus ferrugineus* (Fabricius).

***Manikara hexandra***
*Scolytomimus rectus* Wood.

***Manikara kauki***
*Coccotrypes carpophagus* (Hornung).

***Maniltoa* spp.**
*Crossotarsus mniszechi* Chapuis, *Platypus misoolensis* Browne, *Platypus vitiensis* Roberts.

***Mansonia altissima***
*Doliopygus nairobiensis* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky).

***Manuglieta insignis***
*Dactylipalpus transversus* Chapuis.

***Marcgravia* spp.**
*Premnobius cavipennis* 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 spathulatus* Schedl.

***Maytenus* spp.**
*Scolytoplatypus fasciatus* Hagedorn.

***Medicago sativa***
*Hylastinus obscurus* (Marsham).

***Melaleuca leucadendron***
*Xyleborus perforans* (Wollaston).

***Melaleuca* spp.**
*Xylosandrus compactus* (Eichhoff).

***Melanorrhoea curtisii***
*Crossotarsus brownei* Schedl, *Xyleborus haberkorni* Eggers.

***Melanorrhoea* spp.**
*Arixyleborus scabripennis* (Blandford), *Crossotarsus squamulatus* Chapuis, *Hadrodemius comans* (Sampson), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus mancus* (Blandford).

***Melanorrhoea usitata***
*Polygraphus thitsi* Wood, *Polygraphus vexator* (Browne).

***Melanthera brownii***
*Cyrtogenius polyphagus* (Schedl), *Xylocleptes sidanus* (Schedl).

***Melastoma malabathricum***
*Euwallacea fornicatus* (Eichhoff).

***Melastoma* spp.**
*Xyleborinus saxeseni* (Ratzeburg), *Xylosandrus compactus* (Eichhoff).

***Melia azedarach***
*Crossotarsus rengetensis* Niisima & Murayama, *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

***Melia* spp.**
*Cnestus suturalis* (Eggers), *Xylosandrus compactus* (Eichhoff).

***Melia azedarach japonica***
*Ambrosiodmus rubricollis* (Eichhoff).

***Melicocca bijugata***
*Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius), *Xylosandrus laticeps* (Wood).

***Melicoccus* spp.**
*Xylosandrus compactus* (Eichhoff).

***Melicope neurococca***
*Ficicis varians* Lea.

***Melilotus* spp.**
*Hylastinus obscurus* (Marsham).

***Meliosma cuneifolia***
*Xylosandrus brevis* (Eichhoff).

***Meliosma myriantha***
*Platypus calamus* Blandford.

***Meliosma simplicifolia***
*Platypus cavus* Strohmeyer, *Platypus indicus* Strohmeyer, *Platypus luniger* Motschulsky, *Platypus secretus* Sampson.

***Melochia odorata***
*Xyleborus immersus* Schedl.

***Melochia* spp.**
*Xylosandrus compactus* (Eichhoff).

***Melochia umbellata***
*Xylosandrus crassiusculus* (Motschulsky).

***Melodorum fulgens***
*Ernoporus melodori* (Hopkins).

***Memecylon* spp.**
*Coptodryas nugax* (Schedl).

***Menispermum* spp.**
*Araptus trepidus* Wood.

***Meriania* spp.**
*Scolytodes serenus* Wood.

***Mesogordonia* spp.**
*Xyleborinus quadrispinosus* (Eichhoff), *Xyleborus submolestus* Schedl.

***Mespilodaphne* spp.**
*Cyclorhipidion sculptor* (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 bonvouloiri* Chapuis, *Crossotarsus schedli* Browne, *Cryphalus scabricollis* Eichhoff, *Dactylipalpus transversus* Chapuis, *Hadrodemius metacomans* (Eggers), *Platypus cavus* Strohmeyer, *Platypus errans* (Sampson), *Xyleborinus andrewesi* (Blandford), *Xyleborus fallax* Eichhoff, *Xyleborus mucronatulus* Eggers, *Xylosandrus mesuae* (Eggers).

***Mesua myriocarpa***
*Ambrosiodmus lewisi* (Blandford).

***Metopium toxiferum***
*Cryptocarenus seriatus* Eggers, *Hypothenemus hirsutus* (Wood), *Pityophthorus concentralis* Eichhoff.

***Metrosideros collina polymorpha***
*Xyleborinus saxeseni* (Ratzeburg), *Xyleborus simillimus* Perkins.

***Metrosideros excelsa***
*Amasa truncatus* (Erichson).

***Michelia champaca***
*Ambrosiodmus lantanae* (Eggers), *Coptodryas mus* (Eggers), *Cyclorhipidion hirtum* (Hagedorn).

***Michelia excelsa***
*Diapus spatulifer* Browne.

***Michelia nilagirica***
*Platypus furcatus* Blandford.

***Michelia oblonga***
*Platypus cavus* Strohmeyer.

***Miconia caudata***
*Corthylus rubricollis* Blandford, *Monarthrum carinulum* Wood, *Theoborus pristis* (Wood).

***Miconia dodecandra***
*Corthycyclon aztecum* (Bright).

***Miconia globuliflora***
*Corthylus collaris* Blandford, *Corthylus serratus* Wood, *Corthylus strigilis* Wood, *Corthylus trucis* Wood, *Scolytodes pumilus* Wood, *Xyleborus affinis* Eichhoff.

***Miconia pubescens***
*Monarthrum pennatum* (Schedl), *Monarthrum proximum* Wood.

***Miconia schlechtendalii***
*Corthylus sentus* Wood, *Micracis lignicolus* Wood.

***Miconia* spp.**
*Corthycyclon aztecum* (Bright), *Corthylocurus barbatus* (Blandford), *Corthylocurus mexicanus* (Schedl), *Corthylus comatus* Blandford, *Corthylus retusus* Wood, *Dryocoetoides capucinus* (Eichhoff), *Hypothenemus*

*erectus* LeConte, *Hypothenemus interstitialis* (Hopkins), *Micracis swainei* Blackman, *Microcorthylus demissus* Wood, *Monarthrum hoegei* (Blandford), *Scolytodes immanis* Wood, *Taurodemus perebeae* (Ferrari), *Tricolus aciculatus* Wood, *Tricolus ovicollis* Blandford, *Xyleborus meritus* Wood.

***Microcos coriacea***
*Doliopygus conradti* (Strohmeyer), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Premnobius quadrispinosus* Schedl, *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky).

***Microcos pinnatifida***
*Cylindropalpus granulosus* (Schedl), *Doliopygus conradti* (Strohmeyer), *Doliopygus jurioni* Schedl, *Doliopygus interjectus* Schedl, *Doliopygus medius* Schedl, *Doliopygus subditivus* (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* (Scehdl), *Cylindropalpus pusillus* (Schedl), *Doliopygus citri* Schedl, *Doliopygus dubius* (Sampson), *Doliopygus jurioni* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff.

***Microglossa volubilis***
*Cyrtogenius movoliae* (Schedl), *Hypothenemus atterrimulus* Wood.

***Micromeles* spp.**
*Dryocoetes padi* Stark, *Platypus volaticus* Schedl.

***Mikania scandens***
*Dendrochilus mikaniae* Schedl.

***Mildbraediodendron excelsum***
*Chaetastus tuberculatus* (Chapuis), *Doliopygus perbrevis* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss.

***Millettia atropurpurea***
*Platypus indicus* Strohmeyer.

***Millettia dehiscens***
*Platypus biuncus* Blandford, *Platypus jansoni* 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 milletiae* (Schedl), *Cyrtogenius muhungensis* (Schedl), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus lefevrei* (Schedl), *Platypus impressus* (Strohmeyer), *Xyleborinus collarti* (Eggers), *Xyleborus alluaudi* Schaufuss, *Xyleborus piceus* (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 biconicus* (Schedl), *Doliopygus falsificus* (Schedl), *Tiarophorus capucinus* Schedl, *Xyleborus multispinatus* Eggers.

***Millettia sutherlandi***
*Doliopygus erichsoni* (Chapuis).

***Millettia thonningii***
*Doliopygus bulbifer* Schedl.

***Mimosa ervendbergii***
*Chramesus unicornis* Wood.

***Mimosa* spp.**
*Chaetophloeus 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), *Pseudothysanoes acaciae* (Blackman), *Theoborus coartatus* (Sampson), *Thysanoes inornatus* Wood, *Thysanoes texanus* Blackman.

***Mimusops africana***
*Xyleborus volvulus* (Fabricius).

***Mimusops caffra***
*Xyloctonus scolytoides* Eichhoff.

***Mimusops djave***
*Platypus parallelus* (Fabricius).

***Mimusops elengi***
*Scolytomimus mimusopis* 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 piceus* (Motschulsky), *Xyleborus volvulus* (Fabricius).

***Mimusops littoralis***
*Scolytomimus pusillus* (Eggers), *Xyleborus bidentatus* (Motschulsky), *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

***Mimusops* spp.**
*Xyleborus ferrugineus* (Fabricius).

***Mitragyna* spp.**
*Ambrosiodmus eichhoffi* (Schreiner), *Chaetastus tuberculatus* (Chapuis), *Doliopygus dubius* (Sampson), *Periommatus excisus* Strohmeyer, *Periommatus 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 piceus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).

***Mitrastemon* spp.**
*Coccotrypes barbatus* (Schedl).

***Moerua* spp.**
*Ambrosiodmus signiceps* (Schedl).

***Monodora myristica***
*Chaetastus tuberculatus* (Chapuis), *Hypothenemus pubipennis* (Eggers), *Mesoplatypus venustus* Schedl, *Xyleborus alluaudi* Schaufuss.

***Monotes kerstingii***
*Doliopygus terebrans* Schedl.

***Morinda citrifolia***
*Xyleborus perforans* (Wollaston).

***Morinda lucida***
*Chaetastus tuberculatus* (Chapuis), *Doliopygus conradti* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus lefevrei* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus subtuberculatus* Eggers.

***Moringa oleifera***
*Hypothenemus eruditus* Westwood.

***Moringa pterygosperma***
*Scolytogenes indicus* Wood.

***Morisonia americana***
*Cnesinus setulosus* Blandford.

***Morus acidosa***
*Xyleborus atratus* Eichhoff.

***Morus alba***
*Ambrosiodmus rubricollis* (Eichhoff), *Chramesus setosus* Wood, *Cryphalus exiguus* Blandford, *Ficicis varians* Lea, *Phloeotribus frontalis* (Olivier), *Thysanoes fimbricornis* LeConte, *Trypodendron domesticum* (Linnaeus), *Xyleborus atratus* Eichhoff.

***Morus bombycis***
*Cryphalus exiguus* Blandford, *Xyleborus atratus* Eichhoff.

***Morus lactea***
*Chaetastus tuberculatus* (Chapius), *Hylesinopsis dubius* Eggers, *Xyleborus piceus* (Motschulsky).

***Morus mesozygia***
*Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Hylesinopsis dubius* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius).

***Morus mexozygia***
*Doliopygus brevis* (Strohmeyer), *Doliopygus perbrevis* Schedl, *Platypus hintzi* Schaufuss, *Xyleborus alluaudi* Schaufuss.

***Morus rubra***
*Hylocurus langstoni* Blackman, *Hypothenemus columbi* Hopkins, *Hypothenemus crudiae* (Panzer), *Hypothenemus interstitialis* (Hopkins), *Phloeotribus frontalis* (Olivier).

***Morus* spp.**
*Ambrosiodmus rubricollis* (Eichhoff), *Doliopygus rapax* (Sampson), *Hypothenemus eruditus* Westwood, *Premnobius cavipennis* Eichhoff, *Trachyostus aterrimus* (Schaufuss), *Xyleborus alluaudi* Schaufuss, *Xyleborus atratus* Eichhoff, *Xyleborus praevius* 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).

***Muounia* spp.**
*Hypothenemus seriatus* (Eichhoff).

***Murraya koenigii***
*Crossotarsus externedentatus* (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, *Periommatus longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Polygraphus musangae* (Schedl), *Premnobius quadrispinosus* Schedl, *Serrastus similis* (Eggers), *Xyleborinus gracilipennis* (Schedl), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus caudatus* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus subtuberculatus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

***Musanga* spp.**
*Ambrosiodmus eichhoffi* (Schreiner).

***Myrianthus arboreus***
*Doliopygus donisi* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus unicornis* Schedl, *Periommatus excisus* Strohmeyer, *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xylosandrus crassiusculus* (Motschulsky).

***Myrianthus holstii***
*Xyleborus alluaudi* Schaufuss, *Xyleborus clerodendronae* Schedl.

***Myrianthus* spp.**
*Ambrosiodmus tropicus* (Hagedorn), *Premnobius cavipennis* Eichhoff, *Xyleborus ambasiusculus* Eggers.

***Myrica faya***
*Xyleborinus saxeseni* (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 lefevrei* (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 castaneaefolia***
*Crossotarsus externedentatus* (Fairmaire), *Platypus vitiensis* Roberts, *Xyleborus perforans* (Wollaston).

***Myristica cinnamomea***
*Coccotrypes variabilis* (Beeson).

***Myristica dactyloides***
*Arixyleborus granulifer* (Eggers), *Coccotrypes longior* (Eggers), *Coccotrypes salakensis* (Schedl), *Coccotrypes vulgaris* (Eggers), *Cryphalus nigricans* Schedl, *Hyledius ceylonicus* (Schedl), *Hyledius concinnulus* (Walker), *Hyledius regalis* (Wood).

***Myristica fragrans***
*Amasa batoerradensis* (Schedl), *Arixyleborus malayensis* (Schedl), *Coccotrypes myristicae* (Roepke),

*Coccotrypes priesneri* Schedl, *Coptodryas myristicae* (Schedl), *Coptodryas nugax* (Schedl), *Hypocryphalus sumatranus* (Schedl), *Hypothenemus obscurus* (Fabricius), *Hyledius nitidicollis* (Motschulsky), *Platypus webberi* Schedl, *Xyleborus fulvulus* Schedl, *Xyleborus setulosus* Eggers.

***Myristica furfuracae***
*Coriacephilus xyloctonoides* Schedl, *Hypocryphalus granulatus* Schedl, *Hyledius cribratus* (Blandford).

***Myristica indica***
*Xyleborinus andrewesi* (Blandford).

***Myristica longifolia***
*Hadrodemius pseudocomans* (Eggers), *Hyledius jiri* (Wood).

***Myristica philippinensis***
*Dactylipalpus transversus* Chapuis, *Hyledius cribratus* (Blandford), *Hyledius nitidicollis* (Motschulsky).

***Myristica* spp.**
*Coccotrypes barbatus* (Schedl), *Coccotrypes tapatapaoanus* (Schedl), *Crossotarsus longicornis* (Schedl), *Diamerus granifer* Browne, *Diapus amblylaminatus* Roberts, *Diapus latespinis* Schedl, *Diapus nebulosus* Roberts, *Diapus oomsis* Roberts, *Diapus papuanus* Schedl, *Hypocryphalus basihirtus* (Beeson), *Hypothenemus cruditus* Westwood, *Hyledius imitans* (Eggers), *Platypus bifidus* Schedl, *Platypus imberbis* Roberts, *Platypus negatus* Schedl, *Platypus nemorosus* Roberts, *Platypus papulosus* Roberts, *Platypus patens* Roberts, *Platypus selysi* Chapuis, *Xylosandrus crassiusculus* (Motschulsky).

***Myrmidone* spp.**
*Hypothenemus cruditus* Westwood.

***Myroxylon toluiferum***
*Xyleborus affinis* Eichhoff.

***Myrsine* spp.**
*Xyleborinus saxeseni* (Ratzeburg), *Xylosandrus compactus* (Eichhoff).

***Myrtaceae* spp.**
*Platypus madagascariensis* Chapuis.

***Napoleona imperialis***
*Doliopygus conradti* (Strohmeyer), *Doliopygus serratus* (Strohmeyer), *Hypothenemus cruditus* Westwood, *Periommatus substriatus* Strohmeyer, *Platypus hintzi* Schaufuss, *Premnobius perspinidens* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Napoleona* spp.**
*Ambrosiodmus eichhoffi* (Schreiner), *Premnobius cavipennis* Eichhoff.

***Nauclea diderrichii***
*Chaetastus tuberculatus* (Chapuis), *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus piceus* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky).

***Nauclea excelsa***
*Platypus cavus* Strohmeyer.

***Nauclea orientalis***
*Coptodryas eucalyptica* (Schedl).

***Nauclea sessilifolia***
*Platypus solidus* Walker, *Platypus suffodiens* Sampson.

***Nauclea* spp.**
*Platypus solidus* Walker, *Platypus subtruncatus* Browne, *Platypus uncatus* Browne, *Premnobius cavipennis* Eichhoff.

***Nectandra angustifolia***
*Xylosandrus compactus* (Eichhoff).

***Nectandra* spp.**
*Amphicranus terebella* Blandford, *Araptus rufopalliatus* Eichhoff, *Cnesinus bicostatus* Schedl, *Cnesinus intermedius* Schedl, *Cnesinus teretis* Wood, *Corthylus additus* Wood, *Corthylus cirritus* Wood, *Corthylus convexifrons* Wood, *Cryptocarenus brevicollis* Eggers, *Gnathotrupes colaphus* Wood, *Gnathotrupes 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), *Taurodemus 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 perpygmaeus* Roberts, *Diapus quinquespinatus* Chapuis, *Platypus aolai* Browne, *Platypus solomonicus* Browne.

***Neotina boursii***
*Xyleborinus forficuloides* (Schedl).

***Neowashingtonia robusta***
*Coccotrypes carpophagus* (Hornung).

***Nephelium lappaceum***
*Xylosandrus mancus* (Blandford).

***Nephelium lichi***
*Coccotrypes advena* Blandford, *Coccotrypes confusus* (Eggers), *Coccotrypes papuanus* (Eggers), *Euwallacea fornicatus* (Eichhoff), *Hypothenemus birmanus* (Eichhoff).

***Nephelium longana***
*Amasa beesoni* (Eggers).

***Nephelium* spp.**
*Amasa striatotruncatus* (Schedl), *Arixyleborus suturalis* (Eggers), *Baiocis pernanulus* (Schedl), *Coccotrypes rhizophorae* (Hopkins), *Coptodryas diversicolor* (Eggers), *Crossotarsus nitidulus* (Schedl), *Platypus puerulus* (Schedl), *Xyleborinus pometianus* (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 tabaccum***
*Xyleborus spinulosus* Blandford.

***Nipa* spp.**
*Leptoxyleborus concisus* (Blandford).

***Nolena* spp.**
*Chramesus annectens* (Wood), *Corthylus nolenae* Wood.

***Nothofagus carrii***
*Platypus capito* Browne, *Platypus gracilior* Browne.

***Nothofagus cunnanghammii***
*Platypus subgranosus* Schedl.

***Nothofagus dombeyi***
*Gnathotrupes caliculus* (Schedl), *Gnathotrupes cirratus* Schedl, *Gnathotrupes impressus* (Schedl), *Gnathotrupes longipennis* (Blanchard), *Gnathotrupes longiusculus* (Schedl), *Gnathotrupes nanulus* (Schedl), *Gnathotrupes naumanni* (Schedl), *Gnathotrupes nothofagi* (Schedl), *Gnathotrupes pauciconvacus* Schedl, *Gnathotrupes pauciconvacus* Schedl, *Gnathotrupes pustulatus* Schedl, *Gnathotrupes similis* Schedl, *Gnathotrupes solidus* Schedl, *Gnathotrupes vafer* (Schedl), *Gnathotrupes velatus* Schedl, *Phlocotribus nahueliae* (Schedl).

***Nothofagus grandis***
*Diapus kuperi* Roberts.

***Nothofagus obliqua***
*Sinophloeus porteri* Brethes.

***Nothofagus pullei***
*Diapus pusillimus* Chapuis, *Diapus spinifer* Schedl, *Platypus celsus* Roberts, *Platypus inversus* Roberts, *Platypus longicalcaratus* Roberts, *Platypus nothofagus* Roberts, *Platypus petaloideus* Roberts, *Platypus runcinatus* Roberts.

***Nothofagus pumilio***
*Xylechinus maculatus* Schedl.

***Nothofagus* spp.**
*Crossotarsus coxalis* Schedl, *Crossotarsus denturus* Browne, *Cryphalus nothofagi* Browne, *Diapus nebulosus* Roberts, *Diapus robustus* Schedl, *Diapus spinifer* Schedl, *Diapus unispinous* Roberts, *Hypothenemus inermis* Browne, *Platypus denticollis* Browne, *Platypus margaritaceus* Roberts & Morimoto, *Platypus panduriformis* Roberts, *Platypus petalinus* Roberts & Moriomoto, *Platypus praecellens* Schedl, *Scolytogenes papuanus* (Schedl).

***Nothopanax* spp.**
*Euwallacea fornicatus* (Eichhoff), *Hypothenemus eruditus* Westwood.

***Nuxia conferta***
*Cyclorhipidion 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, *Euwallacea 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 volvulus* (Fabricius).

***Ochna arborea***
*Lanurgus capensis* Schedl.

***Ochrocarpos* spp.**
*Hypothenemus nuticus* (Schedl), *Polygraphus aequalis* Schedl, *Polygraphus aequatus* Schedl, *Polygraphus amoenus* (Schaufuss).

***Ochroma lagopus***
*Euwallacea fornicatus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

***Ochroma* spp.**
*Ambrosiodmus hagedorni* (Iglesias), *Corthylus comatus* Blandford, *Corthylus strigilis* Wood, *Hypothenemus javanus* (Eggers), *Hypothenemus opacus* (Eichhoff), *Hypothenemus seriatus* (Eichhoff), *Hypothenemus trivialis* Wood, *Monarthrum consimile* (Blandford), *Phlocotribus vesculus* Wood, *Platypus chiriquensis* Wood, *Sampsonius dampfi* Schedl, *Taurodemus perebeae* (Ferrari), *Theoborus theobromae* Hopkins, *Xyleborinus bicornatulus* (Wood), *Xyleborus caraibicus* Eggers, *Xyleborus ferox* Blandford, *Xyleborus ferrugineus* (Fabricius), *Xyleborus spinulosus* Blandford.

***Ochroma velutina***
*Scolytodes ochromae* Wood.

***Ochthocosmus africanus***
*Doliopygus artespinatus* (Schedl), *Doliopygus bijunctspinae* Roberts, *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus costatus* Schedl, *Doliopygus ghesquierei* (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 aemulus* (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***
*Taurodemus splendidus* (Schaufuss).

***Ocotea laens***
*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 innominatus* (Schedl), *Chaetastus montanus* Schedl, *Mitosoma excisum* Schaufuss, *Mitosoma obliquatum* Schedl, *Pagiocerus frontalis* (Fabricius), *Premnobius cavipennis* Eichhoff.

***Ocotea usambarensis***
*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 darjeelingensis* Schedl.

***Odina wodier***
*Bothinodroctonus indicus* Wood, *Coccotrypes nubilus* (Blandford), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus squamulatus* Chapuis, *Cryphalus scabricollis* Eichhoff, *Euwallacea fornicatus* (Eichhoff), *Euwallacea interjectus* (Blandford), *Genyocerus furtivus* (Sampson), *Platypus secretus* Sampson, *Platypus solidus* Walker, *Polygraphus anogeissi* 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* (Danthione), *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 eichhoffi* (Schreiner), *Hylesinus varius* (Fabricius), *Tiarophorus gardneri* Schedl.

***Olea welwitschii***
*Chaetastus montanus* Schedl, *Ctonoxylon hamatum* Schedl, *Ctonoxylon spathifer* Schedl.

***Olmeca recta***
*Chramesus tibialis* Wood.

***Olmediella* spp.**
*Xylosandrus compactus* (Eichhoff).

***Oncostemum* spp.**
*Xyleborinus signatipennis* (Schedl).

***Ongokea gore***
*Chaetastus tuberculatus* (Chapuis), *Doliopygus artespinatus* (Schedl), *Doliopygus conradti* (Strohmeyer), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus lateralis* Schedl, *Doliopygus lefevrei* 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, *Euwallacea xanthopus* (Eichhoff), *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Periommatus longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl, *Trachyostus schoutedeni* (Strohmeyer), *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Ononis natrix***
*Hylastinus obscurus* (Marsham).

***Opuntia* spp.**
*Aphanarthrum indicum* Wood.

***Orbignya oleifera***
*Coccotrypes cyperi* (Beeson).

***Oreodoxa* spp.**
*Coccotrypes dactyliperda* (Fabricius).

***Oreopanax capitatum***
*Bothrosternus foveatus* (Blackman), *Cnesinus denotatus* Wood, *Cnesinus porcatus* Blandford.

***Oreopanax nubigenus***
*Gnathotrichus omissus* Wood, *Pityophthorus timidulus* Wood, *Scolytodes irazuensis* Wood, *Scolytodes punctiferus* Wood, *Xylechinus avarus* Wood.

***Oreopanax* spp.**
*Cnesinus porcatus* Blandford, *Corthylus mexicanus* Schedl, *Xylechinus marmoratus* Blandford, *Xylechinus tessellatus* Blandford.

***Oreopanax xalapense***
*Corthycyclon aztecum* (Bright), *Scolytodes irazuensis* Wood, *Scolytodes venustulus* Wood, *Xylechinus fuliginosus* Blandford, *Xylechinus marmoratus* Blandford, *Xylechinus mexicanus* Wood.

***Oricia suaveolens***
*Xyleborus alluaudi* Schaufuss.

***Origanum vulgare***
*Thamnurgus kaltenbachi* (Bach).

***Ormosia formosana***
*Xyleborus atratus* Eichhoff.

***Ormosia hosiei***
*Xylosandrus mutilatus* (Blandford).

***Osbeckia aspera***
*Sueus 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), *Pseudothysanoes leconteei* Blackman.

***Ostyra carpinifolia***
*Corthylus punctatissimus* (Zimmermann), *Scolytus carpini* (Ratzeburg).

***Ostyra* spp.**
*Scolytus intricatus* (Ratzeburg), *Tiarophorus scrutator* (Pandelle).

***Ougeinia dalbergioides***
*Hypothenemus eruditus* Westwood, *Xylechinus ougeniae* Wood, *Xylosandrus crassiusculus* (Motschulsky).

***Oxyanthus speciosus***
*Chaetastus montanus* Schedl, *Xyleborus alluaudi* Schaufuss.

***Oxystigma mannii***
*Doliopygus pseudoserratus* Roberts, *Mesoplatypus venustus* Schedl.

***Oxystigma msoo***
*Periommatus nitidicollis* Strohmeyer.

***Oxystigma 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 ericksoni* (Chapuis), *Doliopygus ghesquierei* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus retusus* Schedl, *Doliopyus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Periommatus longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Platypus parallelus* (Fabricius), *Platypus schenklingi* (Strohmeyer), *Platypus solutus* Schedl, *Premnobius quadrispinosus* Schedl, *Stromboplorus ericius* (Schaufuss), *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus annecteus* Schedl, *Xyleborus volvulus* (Fabricius).

***Pachylobus* spp.**
*Premnobius cavipennis* Eichhoff.

***Pachycereus pectenaboriginum***
*Cactopinus mexicanus* Wood.

***Pachycereus* spp.**
*Cactopinus atkinsoni* Wood.

***Pachyelasma* spp.**
*Coccotrypes rotundicollis* (Eggers), *Premnobius cavipennis* Eichhoff.

***Pachyelasma tessmanii***
*Doliopygus conradti* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Hypothenemus eruditus* Westwood, *Platypus hintzi* Schaufuss, *Premnobius longus* Eggers.

***Pachylobus pubescens=Dacryodes buetneri***
*Acanthotomicus pachylobius* (Schedl).

***Pachylobus deliciosus***
*Coccotrypes confusus* (Eggers), *Ctonoxylon spathifer* Schedl, *Cyclorhipidion cachani* (Schedl), *Cylindropalpus auricomans* (Schaufuss), *Euwallacea pandae* (Schedl), *Platypus schenklingi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Pachylobus* spp.**
*Xyleborus alluaudi* Schaufuss, *Xyleborus piceus* (Motschulsky).

***Pachypodanthium staudtii***
*Xyleborus volvulus* (Fabricius).

***Pachystela laurentii***
*Cylindropalpus granulosus* (Schedl), *Cylindropalpus interpositus* (Schedl), *Doliopygus bidentatus* (Strohmeyer), *Doliopygus dolosus* Schedl, *Premnobius mukunyae* (Schedl), *Xyleborinus sharpae* (Hopkins), *Xyleborus ambasipennis* Schedl, *Xyleborus comparabilis* Schedl.

***Pachystela* spp.**
*Ambrosiodmus aegir* (Eggers).

***Pachytrope dimepate***
*Euwallacea xanthopus* (Eichhoff), *Platypus madagascariensis* Chapuis, *Xyleborinus quadrispinis* (Schedl), *Xyleborus alluaudi* Schaufuss, *Xylosandrus crassiusculus* (Motschulsky).

***Pachytrophe obovata***
*Platypus madagascariensis* Chapuis.

***Padus asiatica***
*Cryphalus scopiger* Berger.

***Padus maaki***
*Dryocoetes padi* Stark.

***Padus pubescens***
*Cryphalus scopiger* Berger.

***Pajanelia longifolia***
*Euwallacea fornicatus* (Eichhoff).

***Palaquium eliptica***
*Crossotarsus quadricaudatus* (Strohmeyer), *Xyleborinus andrewesi* (Blandford).

***Palaquium gutta***
*Arixyleborus scabripennis* (Blandford), *Hyledius cribratus* (Blandford), *Xyleborus adusticollis* (Motschulsky), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus mancus* (Blandford).

***Palaquium hornei***
*Platypus vitiensis* Roberts.

***Palaquium maingayi***
*Arixyleborus leprosulus* Schedl, *Arixyleborus minor* (Eggers), *Arixyleborus suturalis* (Eggers), *Crossotarsus externedentatus* (Fairmaire), *Liparthrum palaquius* (Schedl), *Scolytomimus pusillus* (Eggers).

***Palaquium pseudorostratum***
*Scolytomimus 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 sarawakensis* Schedl, *Xyleborus apertus* Schedl, *Xyleborus emarginatus* Eichhoff, *Xyleborus major* (Stebbing).

***Palaquium stellatum***
*Amasa foveicollis* (Browne), *Amasa versicolor* (Sampson), *Arixyleborus grandis* (Schedl), *Coptoborus bicolor* (Browne), *Coptoborus fragilis* (Browne), *Crossotarsus fractus* Sampson, *Hypocryphalus cylindrus* (Browne), *Scolytomimus pusillus* (Eggers), *Webbia costulatulus* Schedl, *Xyleborinus andrewesi* (Blandford), *Xylosandrus ater* (Eggers).

***Palisandra rouge***
*Ambrosiodmus artegranulatus* (Schedl).

***Palmetia pinnata***
*Scolytomimus philippinensis* (Eggers).

***Panax* spp.**
*Platypus semigranosus* (Sampson), *Xyleborinus spiculatus* (Schaufuss), *Xyleborus sakalava* Schedl.

***Pancovia harmsiana***
*Chaetastus tuberculatus* (Chapuis), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus jurioni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus unicornis* Schedl, *Hypothenemus eruditus* Westwood, *Hypothenemus solitarius* (Schedl), *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Periommatus substriatus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus volvulus* (Fabricius).

***Pancovia laurentii***
*Doliopygus conradti* (Strohmeyer), *Dolipygus divaricus* (Schedl), *Doliopygus jurioni* Schedl, *Doliopygus medius* Schedl, *Doliopygus tenuis* (Strohmeyer), *Euwallacea pandae* (Schedl), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus concolor* Hagedorn, *Periommatus substriatus* 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 piceus* (Motschulsky), *Xyleborus rothkirchi* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

***Panda oleosa***
*Cylindropalpus laudatus* (Schedl), *Doliopygus brevis* (Strohmeyer), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Dolipygus erichsoni* (Chapuis), *Doliopygus expletus* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus opifex* (Sampson), *Doliopygus perbrevis* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Euwallacea pandae* (Schedl), *Periommatus excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus orientalis* (Strohmeyer), *Platypus schenklingi* (Strohmeyer), *Premnobius mukunyae* (Schedl), *Premnobius nodulosus* Hagedorn, *Scolytoplatypus 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 volvulus* (Fabricius).

***Panda* spp.**
*Premnobius cavipennis* Eichhoff, *Scolytoplatypus kiwuensis* Schedl.

***Pandanus* spp.**
*Ptilopodius dubiosus* Wood.

***Pangium* spp.**
*Crossotarsus mniszechi* Chapuis.

***Pausinystalia* spp.**
*Periommatus mkusii* Strohmeyer.

***Parabaena sagittata***
*Euwallacea andamanensis* (Blandford).

***Parabenzoin praecox***
*Phlocosinus pulchellus* Blandford, *Sucus niisimai* (Eggers), *Xylosandrus brevis* (Eichhoff), *Xylosandrus mutilatus* (Blandford).

***Parabenzoin* spp.**
*Scolytoplatypus tycon* Blandford.

***Paraberlina bifoliolata***
*Chaetastus striatus* Browne.

***Paramacrolobium coeruleum***
*Doliopygus ghesquierei* (Schedl), *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus retusus* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Hypothenemus eruditus* Westwood, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus volvulus* (Fabricius).

***Parartocarpus* spp.**
*Xyleborus amphicranoides* 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* Browne.

***Parathesis serrulata***
*Corthylus mexicanus* Schedl.

***Parinarium curatellifolium***
*Doliopygus chapuisi* (Duvivier), *Doliopygus intritus* (Schedl).

***Parinarium excelsum***
*Dryocoetoides indolatus* Wood, *Taurodemus flavipes* (Fabricius), *Taurodemus splendidus* (Schaufuss).

***Parinarium glabra***
*Platypus intermedius* (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 erichsoni* (Chapuis), *Doliopygus tenuis* (Strohmeyer), *Mesoplatypus kitushi* Schedl, *Mesoplatypus quinquecinctus* (Schedl), *Pityophthorus togonus* Eggers, *Platypus hintzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Platypus rufescens* (Strohmeyer), *Platypus schenklingi* (Strohmeyer), *Xyleborus ambasipennis* Schedl, *Xyleborus parinaric* Schedl.

***Parinarium insularum***
*Platypus vitiensis* Roberts.

***Parinarium kerstingii***
*Doliopygus interjectus* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xylosandrus crassiusculus* (Motschulsky).

***Parinarium mobota***
*Diapus quinquespinatus* Chapuis.

***Parinarium* spp.**
*Ambrosiodmus 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***
*Taurodemus 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 volvulus* (Fabricius).

***Parkia speciosa***
*Arixyleborus tuberculatus* (Eggers), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus inermis* Schedl, *Crossotarsus schedli* Browne, *Crossotarsus squamulatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Platypus cupulatus* Chapuis, *Platypus insulindicus* Schedl, *Platypus jansoni* 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), *Scolytoplatypus 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), *Euwallacea 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***
*Scolytoplatypus siomio* Blandford.

***Parthenium argentatum***
*Pityophthorus mexicanus* Blackman.

***Parthenocissus quinquefolia***
*Hypothenemus squamosus* (Hopkins).

***Partocarpus* spp.**
*Euwallacea artelaevis* (Schedl).

***Pasania aspericupula***
*Crossotarsus chaleographus* Schedl, *Crossotarsus terminatus* Chapuis.

***Pasania cuspidata***
*Crossotarsus emancipatus* Murayama, *Crossotarsus rengetensis* Niisima & Murayama, *Xyleborus atratus* Eichhoff, *Xyleborus excsus* Blandford, *Xyleborus nagaoensis* Murayama.

***Pasania glabra***
*Platypus quercivorus* Murayama.

***Pasania oocarpa***
*Crossotarsus squamulatus* Chapuis.

***Pasania* spp.**
*Amasa schlichi* (Stebbing), *Amasa versicolor* (Sampson), *Crossotarsus squamulatus* Chapuis, *Cyclorhipidion circumcisum* (Sampson), *Diapus quinquespinatus* Chapuis, *Leptoxyleborus concisus* (Blandford), *Platypus biuncus* Blandford, *Platypus pseudosolidus* Schedl, *Platypus semiernis* Schedl, *Webbia piscecauda* Browne.

***Pasania sundaica***
*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 pasanaie* Schedl, *Platypus platypoides* (Browne), *Xyleborus ciliatoformis* Schedl, *Xyleborus latus* Eggers.

***Pascoria* spp.**
*Hypothenemus ater* (Eggers).

***Paspalum vaginatum***
*Hypothenemus californicus* Hopkins, *Hypothenemus eruditus* Westwood, *Hypothenemus pubescens* Hopkins.

***Passiflora latifolia***
*Hypothenemus erudiae* (Panzer), *Hypothenemus eruditus* Westwood.

***Passiflora mollisima***
*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 parmala***
*Thamnurgus brylinskyi* 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).

***Penarahan* spp.**
*Platypus granosus* Browne.

***Pentaclethra eetveldeana***
*Cylindropalpus camerunus* (Schedl), *Hylesinopsis horridus* (Eggers), *Hypothenemus eruditus* Westwood, *Periommatus longicollis* Chapuis, *Pityophthorus congonus* Eggers.

***Pentaclethra macrophylla***
*Coptoborus usagaricus* (Eggers), *Diapus 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, *Dryocoetoides cristatus* (Fabricius), *Doliopygus rapax* (Sampson), *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus submarginatus* Schedl, *Doliopygus subditivus* (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 mukunyae* (Schedl), *Premnobius nodulosus* Hagedorn, *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus ambasiusculus* Eggers, *Xyleborus ficus* Eggers, *Xyleborus multispinatus* Eggers, *Xyleborus pentaclethrae* Schedl, *Xyleborus principalis* Eichhoff, *Xyleborus rothkirchi* Eggers, *Xyleborus scobinatus* Hagedorn, *Xyleborus subgranosus* Schedl, *Xyleborus subtuberculatus* Eggers, *Xyleborus volvulus* (Fabricius).

***Pentaclethra* spp.**
*Ambrosiodmus tropicus* (Hagedorn).

***Pentacme contorta***
*Sphaerotrypes quadrituberculatus* Sampson.

***Pentacme mavis***
*Cryptoxyleborus subnaevus* Schedl.

***Pentacme* spp.**
*Platypus bifurcus* (Schedl).

***Pentacme suavis***
*Coptodryas perparva* (Sampson), *Cryptoxyleborus turbineus* (Sampson), *Diapus pendleburyi* Schedl, *Diapus quinquespinatus* Chapuis, *Sphaerotrypes pentacme* Wood, *Sphaerotrypes quadrituberculatus* Sampson.

***Pentadesma butyracea***
*Coccotrypes rotundicollis* (Eggers).

***Pentadesma lebrunii***
*Chaetastus montanus* Schedl, *Coptoborus usagaricus* (Eggers), *Doliopygus erichsoni* (Chapuis), *Platypus solutus* Schedl, *Polygraphus longipilis* Schedl, *Polygraphus tenuipennis* Schedl, *Xyleborinus similans* (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus ambasipennis* Schedl, *Xyleborus principalis* Eichhoff, *Xyleborus sphenos* Sampson, *Xyleborus truncatulus* Schedl.

***Pentaspadon* spp.**
*Xyleborus apertus* Schedl.

***Peptadenia perivillei***
*Xyleborinus signatipennis* (Schedl).

***Peraphyllum ramosissimum***
*Chaetophloeus heterodoxus* (Casey).

***Perebea integrifolia***
*Taurodemus 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***
*Ambrosiodmus aegir* (Eggers), *Araptus mendicus* Wood, *Araptus placetulus* Wood, *Araptus schwarzi* (Blackman), *Cnesinus carinatus* Wood, *Cnesinus costulatus* Blandford, *Cnesinus electinus* Wood, *Cnesinus gracilis* Blandford, *Cnesinus myelitis* Wood, *Cnesinus prominulus* Wood, *Cnesinus pullus* Blandford, *Cnesinus punctatus* Blandford, *Coccotrypes cyperi* (Beeson), *Corthylocurus aguacatensis* (Schedl), *Corthylus flagellifer* Blandford, *Corthylus papulans* Eichhoff, *Corthylus sanguineus* Schedl, *Crossotarsus externedentatus* (Fairmaire), *Cryptocarenus diadematus* Eggers, *Doliopygus erichsoni* (Chapuis), *Euwallacea 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***
*Ambrosiodmus lecontei* Hopkins, *Cryptocarenus seriatus* Eggers, *Hypothenemus birmanus* (Eichhoff), *Hypothenemus interstitialis* (Hopkins), *Hypothenemus javanus* (Eggers), *Hypothenemus seriatus* (Eichhoff).

***Persea gratissima***
*Coccotrypes dactyliperda* (Fabricius), *Crossotarsus externedentatus* (Fairmaire), *Euwallacea 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).

***Persea pittieri***
*Araptus schwarzi* (Blackman).

***Persea popenoi***
*Monarthrum subgranulatum* Wood.

***Persea* spp.**
*Ambrosiodmus obliquus* (LeConte), *Chramesus atkinsoni* Wood, *Euwallacea 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***
*Euwallacea fornicatus* (Eichhoff).

***Phalocarpus septentrionalis***
*Hypothenemus birmanus* (Eichhoff), *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood.

***Phaseolus lunatus***
*Hypothenemus eruditus* Westwood.

***Phaseolus* spp.**
*Chramesus pumilus* (Chapuis).

***Phellodendron amurense***
*Crossotarsus niponicus* Blandford, *Euwallacea validus* (Eichhoff), *Xyleborus aequalis* (Reitter), *Xyleborus maiche* (Stark), *Xylechinus bergeri* Spessivtzev.

***Phellodendron sachalinensis***
*Eidophelus imitans* Eichhoff.

***Phellodendron* spp.**
*Scolytoplatypus tycon* Blandford.

***Phialodiscus bancoensis***
*Pityophthorus joveri* Schedl.

***Phialodiscus plurijugatus***
*Platypus orientalis* (Strohmeyer).

***Philibertella clausa***
*Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff).

***Phoebe attenuata***
*Platypus errans* (Sampson).

***Phoebe hainesiana***
*Coccotrypes vulgaris* (Eggers).

***Phoebe lanceolata***
*Ambrosiodmus lewisi* (Blandford), *Phlocosinus 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 retusifer* Wood, *Corthylus retusus* Wood, *Corthylus serratus* Wood, *Corthylus strigilis* Wood, *Monarthrum carinulum* Wood, *Platypus simpliciformis* Wood, *Scolytodes phoebeae* Wood, *Scolytodes piceus* (Blandford), *Tricolus naevus* Wood, *Tricolus ovicollis* Blandford, *Tricolus scitulus* Wood, *Xyleborus meritus* Wood, *Xyleborus prolatus* Wood.

***Phoenix canariensis***
*Coccotrypes dactyliperda* (Fabricius), *Dactylotrypes longicollis* (Wollaston).

***Phoenix dactylifera***
*Coccotrypes carpophagus* (Hornung), *Coccotrypes dactyliperda* (Fabricius), *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston).

***Phoenix paludosa***
*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 leechi* Wood, *Pseudothysanoes phoradendri* Blackman.

***Phoradendron longifolium***
*Pseudothysanoes funereus* Wood.

***Phoradendron robinsonii***
*Pseudothysanoes viscivorus* Wood.

***Phoradendron robustissimum***
*Chaetophloeus phoradendri* Wood, *Pseudothysanoes furvus* Wood, *Pseudothysanoes viscicolens* Wood.

***Phoradendron* spp.**
*Chaetophloeus confinis* Wood, *Chaetophloeus phoradendri* Wood, *Chaetophloeus struthanthi* Wood, *Chramesus priscus* Wood, *Hypothenemus solocis* Wood, *Hypothenemus squamosus* (Hopkins), *Pseudothysanoes amassius* Wood, *Pseudothysanoes bullatus* Wood, *Pseudothysanoes fimbriatus* Wood, *Pseudothysanoes furvatus* Wood, *Pseudothysanoes furvescens* Wood, *Pseudothysanoes graniticus* Wood, *Pseudothysanoes penicilus* Wood, *Pseudothysanoes tenellus* Wood, *Pseudothysanoes verdicus* Wood, *Pseudothysanoes verticillus* Wood, *Xylosandrus curtulus* (Eichhoff).

***Photina japonica***
*Euwallacea fornicatus* (Eichhoff).

***Phragmites communis***
*Hypothenemus eruditus* Westwood.

***Phyllanthus discoideus***
*Doliopygus dubius* (Sampson), *Doliopygus lefevrei* Schedl, *Doliopygus serratus* (Strohmeyer).

***Phyllanthus emblica***
*Xyleborinus artestriatus* (Eichhoff).

***Phyllanthus flexuosus***
*Indocryphalus pubipennis* (Blandford).

***Phyllanthus guineensis***
*Euwallacea xanthopus* (Eichhoff).

***Phyllanthus* spp.**
*Hypothenemus grandis* Schedl.

***Phyllocladus hypophylla***
*Phlocosinus phyllocladus* Bright.

***Phyllocladus* spp.**
*Diapus bilumatus* 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.**
*Euwallacea xanthopus* (Eichhoff).

***Phytophthora cambivora***
*Platypus cylindrus* (Fabricius), *Xyleborus dryographus* (Ratzeburg).

***Piarna* spp.**
*Platypus biuncus* Blandford.

***Picea abies***
*Pityophthorus micrographus* (Linnaeus), *Pityophthorus tragardhi* Spessivtsev.

***Picea ajanensis***
*Crypturgus tuberosus* Niisima, *Hylastes brunneus* Erichson, *Hylastes plumbeus* Blandford, *Orthotomicus starki* Spessivtsev, *Pityogenes foveolatus* Eggers, *Pityogenes scirindensis* Murayama, *Pityophthorus jucundus* Blandford, *Pityophthorus sichotensis* Kurenzov, *Tomicus puellus* (Reitter).

***Picea asperata***
*Cryphalus miyalopiceus* Tsai & Li, *Cryphalus saltuarius* Weise, *Hylurgops cusulcatus* Tsai & Huang, *Polygraphus angustus* Tsai & Yin, *Polygraphus squamcus* Yin & Huang, *Polygraphus szemaoensis* Tsai & Yin, *Polygraphus zhungdianensis* Tsai & Yin, *Scolytus sinopiceus* Tsai, *Xyleborinus saxeseni* (Ratzeburg).

***Picea chihuahuana***

*Pityophthorus bassetti* Blackman, *Pseudothysanoes coniferae* (Wood).

***Picea engelmannii***

*Carphoborus carri* Swaine, *Carphoborus intermedius* Wood, *Carphoborus piceae* Wood, *Carphoborus sansoni* Swaine, *Cryphalus ruficollis* Hopkins, *Crypturgus borealis* Swaine, *Dolurgus 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 subcostluatus subcostulatus* (Mannerheim), *Ips borealis swainei* Hopping, 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, *Phlocotribus 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 annectens* LeConte, *Scierus pubescens* Swaine, *Scolytus opacus* Blackman, *Trypodendron rufitarsis* (Kirby), *Xylechinus montanus* Blackman.

***Picea excelsa***

*Carphoborus rossicus* Semenov, *Carphoborus teplouchovi* Spessivtsev, *Cryphalus asperatus* (Gyllenhal), *Cryphalus piceae* (Ratzeburg), *Cryphalus piceus* Eggers, *Cryphalus saltuarius* Weise, *Dendroctonus micans* (Kugelann), *Hylastes angustatus* (Herbst), *Hylastes brunneus* Erichson, *Hylastes cunicularius* Erichson, *Hylastes plumbeus* Blandford, *Hylurgops glabratus* (Zetterstedt), *Hylurgops inouyei* Nobuchi, *Hylurgops palliatus* (Gyllenhal), *Ips amitinus* (Eichhoff), *Ips duplicatus* (Sahlberg), *Orthotomicus starki* Spessivtsev, *Phlocotribus spinulosus* (Rey), *Pityogenes saalasi* Eggers, *Pityophthorus arakii* (Sawamoto), *Pityophthorus exsculptus* (Ratzeburg), *Pityophthorus micrographus* (Linnaeus), *Pityophthorus morosovi* Spessivtsev, *Pityophthorus pityographus* (Ratzeburg), *Pityophthorus tragardhi* Spessivtsev, *Trypodendron laeve* 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* Hopping, G., *Ips borealis lanieri* Wood, *Ips perturbatus* (Eichhoff), *Ips tridens tridens*, *Ips tridens engelmanni* Swaine, *Phlocosinus pini* Swaine, *Phlocotribus piceae* Swaine, *Pityophthorus balsameus* Blackman, *Pityophthorus bassetti* Blackman, *Pityophthorus biovalis* Blackman, Pityophthorus *cariniceps* LeConte, *Pityophthorus cascoensis* Blackman, *Pityophthorus concavus* Blackman, *Pityophthorus consimilis* LeConte, *Pityophthorus dentifrons* Blackman, *Pityophthorus intextus* Swaine, *Pityophthorus murrayanae* Blackman, *Pityophthorus nitidulus* (Mannerheim), *Pityophthorus nitidus* Swaine, *Pityophthorus opaculus* LeConte, *Pityophthorus recens* Bright, *Polygraphus convexifrons* Wood, *Polygraphus rufipennis* (Kirby), *Scierus annectens* LeConte, *Xylechinus americanus* Blackman.

***Picea glehnii***

*Cryphalus piceae* (Ratzeburg), *Cryphalus piceus* Eggers, *Crypturgus tuberosus* Niisima, *Hylurgops inouyei* Nobuchi, *Polygraphus gracilis* Niisima, *Xyleborus septentrionalis* Niisima.

***Picea jezoensis***

*Cryphalus jezoensis* Inouye & Nobuchi, *Cryphalus laricis* Niisima, *Cryphalus niponensis* Inouye & Nobuchi, *Cryphalus piceae* (Ratzeburg), *Cryphalus piceus* Eggers, *Cryphalus sichotensis* Kurenzov, *Crypturgus tuberosus* Niisima, *Dryocoetes niijimai* Nobuchi, *Hylastes cunicularius* Erichson, *Hylastes plumbeus* 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 foveolatus* Eggers, *Pityogenes seirindensis* Murayama, *Polygraphus gracilis* Niisima, *Polygraphus proximus* Blandford, *Polygraphus sachalinensis* Eggers, *Polygraphus squamulatus* Niisima, *Tomicus puellus* (Reitter), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus septentrionalis* Niisima.

***Picea koraiensis***

*Carphoborus tairiensis* 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 junnanicus* Sokanovskii.

***Picea mariana***

*Crypturgus alutaceus* Schwarz, *Pityophthorus biovalis* Blackman, *Pityophthorus briscoei* Blackman, *Pityophthorus nitidus* Swaine.

***Picea microsperma***

*Hylurgops palliatus* (Gyllenhal).

***Picea morinda***

*Crossotarsus coniferae* Stebbing, *Cryphalus major* Stebbing, *Dryocoetes indicus* Stebbing, *Ips stebbingi* Strohmeyer, *Pityogenes spessivtsevi* Lebedev, *Polygraphus major* Stebbing, *Polygraphus pini* Stebbing, *Scolytoplatypus raja* Blandford, *Scolytoplatypus siomio* Blandford.

***Picea morrisonicola***

*Polygraphus taiwanensis* Schedl.

***Picea obovata***

*Carphoborus teplouchovi* Spessivtsev, *Cryphalus piceus* Eggers, *Cryphalus saltuarius* Weise, *Hylastes brunneus* Erichson, *Hylastes cunicularius* Erichson, *Hylastes plumbeus* Blandford, *Hylurgops glabratus* (Zetterstedt), *Hylurgops spessivtsevi* Eggers, *Ips duplicatus* (Sahlberg), *Orthotomicus starki* Spessivtsev, *Pityogenes rudnevi* Sokanovskii, *Pityogenes saalasi* Eggers, *Pityogenes seirindensis* 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 hunteri* Swaine, *Ips pilifrons sulcifrons* Wood, *Phloeotribus leconteri* 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 dunni* Swaine, *Cryphalus rubentis* Hopkins, *Cryphalus ruficollis* Hopkins, *Crypturgus borealis* Swaine, *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 hauseri* Reitter, *Pityogenes spessivtsevi* Lebedev, *Pityophthorus kirgisicus* Pjatnitskii, *Pityophthorus parfentievi* 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 piceae* Stebbing, *Dendroctonus rufipennis* Kirby, *Dendroctonus valens* LeConte, *Dryocoetes affaber* (Mannerhein), *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 subcostluatus subcostulatus* (Mannerheim), *Hypothenemus interstitialis* (Hopkins), *Ips acuminatus* (Gyllenhal), *Ips orientalis* Wood & Yin, *Ips sexdentatus* (Boerner), *Ips typographus* (Linnaeus), *Orthotomicus caelatus* (Eichhoff), *Orthotomicus laricis* (Fabricius), *Orthotomicus proximus* (Eichhoff), *Orthotomicus suturalis* (Gyllenhal), *Pityogenes bidentatus* (Herbst), *Pityogenes chalcographus* (Linnaeus), *Pityogenes quadridens* (Hartig), *Pityokteines curvidens* (Germar), *Pityophthorus balsameus* Blackman, *Pityophthorus carinatus carinatus* Bright, *Pityophthorus consimilis* LeConte, *Pityophthorus lautus* Eichhoff, *Pityophthorus puberulus* (LeConte), *Pityophthorus pulicarius* (Zimmermann), *Platypus xylographus* Schedl, *Polygraphus jezoensis* Niisima, *Polygraphus kisoensis* Niisima, *Polygraphus poligraphus* (Linnaeus), *Polygraphus rufipennis* (Kirby), *Polygraphus subopacus* Thomson, *Scolytoplatypus tycon* Blandford, *Scolytus piceae* (Swaine), *Tomicus minor* (Hartig), *Tomicus 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 absonus* 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 absonus* 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 chinlingensis* Tsai & Li, *Cryphalus lipingensis* Tsai & Li, *Cryphalus pseudochinlingensis* 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, *Tomicus pilifer* (Spessivtsev), *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 bulfouriana***

*Dendroctonus ponderosae* Hopkins, *Hylurgops rugipennis pinifex* Fitch, *Ips montanus* (Eichhoff), *Pityogenes fossifrons* (LeConte), *Pityophthorus absonus* Blackman.

***Pinus banksiana***

*Conophthorus resinosae* Hopkins, *Cryphalus fulvus* Niisima, *Dendroctonus murrayanae* Hopkins, *Ips perroti* Swaine, *Ips pilifrons thatcheri* Wood, *Ips pini* (Say), *Phlocosinus pini* Swaine, *Pityogenes plagiatus* (LeConte), *Pityophthorus balsameus* Blackman, *Pityophthorus briscoei* 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 lowei* Paiva, *Ips nobilis* (Wollaston).

***Pinus caribaea***

*Pityoborus hondurensis* Wood, *Pityophthorus annectens* LeConte, *Pityophthorus occlusus* Bright, *Pityophthorus pulicarius* (Zimmermann), *Pityophthorus scabridus* Schedl, *Xyleborinus sharpae* (Hopkins).

***Pinus cembra***

*Hylurgops glabratus* (Zetterstedt), *Pityogenes conjunctus* Reitter, *Pityophthorus lichtensteini* (Ratzeburg).

***Pinus cembroides***

*Carphoborus convexifrons* Wood, *Carphoborus pinicolens* 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 schwarzi* 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 subcostlnatus subcostulatus* (Mannerheim), *Ips emarginatus* (LeConte), *Ips latidens* (LeConte), *Ips mexicanus* (Hopkins), *Ips pilifrons thatcheri* Wood, *Ips pini* (Say), *Ips plastographus maritimus* Lanier, *Phlocosinus antennatus* Swaine, *Pityogenes knechteli* 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* Blackman, *Pityophthorus indigus* Wood, *Pityophthorus mormon* Bright, *Pityophthorus murrayanae* Blackman, *Pityophthorus nitidulus* (Mannerheim), *Pityophthorus occidentalis* Blackman, *Pityophthorus sculptor* Blackman, *Pityophthorus toralis* Wood, *Pityophthorus tuberculatus* Eichhoff, *Pityophthorus venustus* Blackman, *Pseudohylesinus pini* Wood, *Scierus 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 brevicomis* LeConte, *Dendroctonus ponderosae* Hopkins, *Ips paraconfusus* Lanier, *Pityophthorus carmeli* Swaine, *Pityophthorus confinis* LeConte, *Pityophthorus electus* Blackman, *Pityophthorus sculptor* Blackman, *Pityophthorus tuberculatus* Eichhoff, *Pityophthorus venustus* Blackman, *Xyleborus intrusus* Blandford.

***Pinus culminicola***

*Pityophthorus crassus* Blackman, *Pityophthorus culminicolae* Bright, *Pityophthorus megas* Bright, *Pityophthorus viminalis* 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 validus* (Eichhoff), *Hylastes parallelus* Chapuis, *Hylastes plumbeus* 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 meridianus* 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 pinicolens* 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 leconte*i Bright, *Pityophthorus modicus* Blackman, *Pityophthorus punctifrons* Bright, *Pityophthorus schwarzi* Blackman, *Pityophthorus solus* Blackman, *Pityophthorus tuberculatus* Eichhoff, *Pityophthorus woodi* Bright, *Pityotrichus barbatus* (Blackman).

***Pinus elliottii***

*Ambrosiodmus catharinensis* (Eggers), *Ambrosiodmus hagedorni* (Iglesias), *Carphoborus bifurcus* Eichhoff, *Dendroctonus terebrans* (Olivier), *Hylastes exilis* Chapuis, *Pityophthorus annectens* LeConte, *Pityophthorus anticus* Schedl, *Pityophthorus concentralis* Eichhoff, *Pityophthorus confusus* Blandford, *Pityophthorus pinavorus* Bright, *Theoborus villosulus* (Blandford), *Xyleborinus gracilis* (Eichhoff), *Xyleborinus linearicollis* (Schedl), *Xyleborinus schoenherri* (Schedl), *Xyleborus adelographus* Eichhoff.

***Pinus engelmannii***

*Carphoborus pinicolens* Wood, *Conophthorus apachecae* 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 schwerdtfegeri* (Schedl), *Pityophthorus seguis* Blackman.

***Pinus excelsa***

*Crossotarsus fairmairei* Chapuis, *Cryphalus major* Stebbing, *Cryphalus strohmeyeri* Stebbing, *Dryocoetes indicus* Stebbing, *Hylastes brunneus* Erichson, *Ips stebbingi* Strohmeyer, *Pityogenes scitus* Blandford, *Pityogenes spessivtsevi* 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 absonus* 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 mormon* Bright, *Pityophthorus murrayanae* Blackman, *Pityophthorus occidentalis* Blackman, *Pityophthorus pinguis* (Blackman), *Pityophthorus toralis* Wood, *Pityophthorus tuberculatus* Eichhoff, *Pityotrichus hesperius* Bright.

***Pinus gerardiana***

*Carphoborus zhobi* (Stebbing), *Ips stebbingi* Strohmeyer, *Pityogenes scitus* Blandford, *Pityogenes spessivtsevi* Lebedev, *Pityophthorus chilgoza* Wood, *Polygraphus major* Stebbing, *Polygraphus trenchi* 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 aterrimus* Strohmeyer, *Polygraphus major* Stebbing, *Polygraphus setosus* Schedl, *Polygraphus squameus* Yin & Huang, *Polygraphus zhungdianensis* Tsai & Yin, *Trypodendron dorjitenzingi* Schmutzenhofer.

***Pinus halepensis***

*Carphoborus bonnairei* Brisout, *Carphoborus marani* Pfeffer, *Carphoborus pini* Eichhoff, *Crypturgus mediterraneus* Eichhoff, *Crypturgus numidicus* Ferrari, *Hylastes linearis* Erichson, *Hylurgus micklitzi* Wachtl, *Ips erosus* (Wollaston), *Orthotomicus proximus* (Eichhoff), *Pityogenes calcaratus* (Eichhoff), *Pityogenes porifrons* Eggers, *Pityophthorus pubescens* (Marsham).

***Pinus hartwegii***

*Dendroctonus adjunctus* Blandford, *Dendroctonus approximatus* Dietz, *Ips mexicanus* (Hopkins), *Pityogenes mexicanus* Wood, *Pityophthorus blandulus* Schedl, *Pityophthorus cortezi* Bright, *Pityophthorus crassus* Blackman, *Pityophthorus furnissi* Bright, *Pityophthorus pubifrons* Bright, *Pityophthorus solus* Blackman, *Pseudothysanoes pini* Wood.

***Pinus heldreichii***

*Pityophthorus balcanicus* Pfeffer, *Pityophthorus henscheli* Seitner, *Pityophthorus pityographus* (Ratzeburg).

***Pinus hondurensis***

*Xyleborus affinis* Eichhoff.

***Pinus insularis***

*Ambrosiodmus camphorae* (Hagedorn), *Ambrosiodmus innominatus* (Schedl), *Ambrosiodmus triton* (Schaufuss), *Coccotrypes recticollis* (Schedl), *Cryphalus malloti* Schedl, *Cryphalus sylvicola* (Perkins), *Cyrtogenius luteus* (Blandford), *Diapus malgassicus* Schedl, *Hylastes tschangensis* Tsai & Huang, *Mitosoma excisum* Schaufuss, *Mitosoma onconiceps* Schedl, *Mitosoma obliquatum* Schedl, *Platypus piniperda* Schedl, *Platypus tenellus* Schedl, *Polygraphus junnanicus* Sokanovskii, *Polygraphus szemaoensis* 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 electus* 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 piceus* Eggers, *Dryocoetes baikalicus* Reitter, *Dryocoetes infuscatus* Murayama, *Hylastes brunneus* Erichson, *Hylastes cunicularius* Erichson, *Hylastes*

*plumbeus* Blandford, *Hylurgops interstitialis* (Chapuis), *Hylurgops longipilus* (Reitter), *Hylurgops spessivtsevi* Eggers, *Hylurgops transbaicalicus* Eggers, *Pityogenes foveolatus* Eggers, *Pityogenes irkutensis* Eggers, *Pityophthorus lapponicus* Stark, *Pityophthorus pini* Kurenzov, *Polygraphus sachalinensis* Eggers, *Scolytus morawitzi* Semenov, *Tomicus brevipilosus* (Eggers), *Tomicus pilifer* (Spessivtsev), *Tomicus puellus* (Reitter), *Xyleborinus saxeseni* (Ratzeburg).

***Pinus lambertiana***

*Cactopinus koebelei* Blackman, *Carphoborus pinicolens* Wood, *Conophthorus ponderosae* Hopkins, *Cryphalus pubescens* Hopkins, *Dendroctonus ponderosae* Hopkins, *Gnathotrichus retusus* (LeConte), *Hylurgops rugipennis rugipennis* (Mannerheim), *Ips latidens* (LeConte), *Ips paraconfusus* Lanier, *Pityophthorus confinis* LeConte, *Pityophthorus dolus* Wood, *Pityophthorus pseudotsugae* Swaine.

***Pinus lawsonii***

*Dendroctonus mexicanus* Hopkins, *Pityophthorus annectens* 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 pinicolens* Wood, *Conophthorus conicolens* Wood, *Conophthorus ponderosae* Hopkins, *Dendroctonus adjunctus* Blandford, *Dendroctonus approximatus* Dietz, *Dendroctonus mexicanus* Hopkins, *Dendroctonus parallelocollis* Chapuis, *Gnathotrichus deleoni* Blackman, *Gnathotrichus nitidifrons* Hopkins, *Gnathotrichus perniciosus* Wood, *Gnathotrichus sulcatus* (LeConte), *Hylurgops incomptus* (Blandford), *Hylurgops planirostris* (Chapuis), *Hylurgops subcostulatus alternans* (Chapuis), *Ips mexicanus* (Hopkins), *Pityoborus secundus* Blackman, *Pityophthorus aciculatus* Bright, *Pityophthorus acutus* Blackman, *Pityophthorus annectens* 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 numidicus* Ferrari, *Ips robustus* (Knotek), *Pityogenes bistridentatus* (Eichhoff).

***Pinus luchuensis***

*Orthotomicus kuniyoshii* 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 massonianus* Tsai & Li, *Cyrtogenius luteus* (Blandford), *Euwallacea interjectus* (Blandford), *Euwallacea validus* (Eichhoff), *Hylurgops longipilus* (Reitter), *Hylurgops major* Eggers, *Xyleborus aquilus* Blandford, *Xyleborus pinicola* Eggers.

***Pinus maximowiczii***

*Cryphalus furukawai* Murayama, *Xyleborus muticus* Blandford.

***Pinus merkusii***

*Platypus biflexuosus* Schedl, *Platypus cavus* Strohmeyer, *Polygraphus sumatranus* 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 koebelei* Blackman, *Cactopinus pini* Blackman, *Carphoborus frontalis* Wood, *Carphoborus pinicolens* Wood, *Conophthorus monophyllae* Hopkins, *Dendroctonus ponderosae* Hopkins, *Hylastes gracilis* LeConte, *Ips confusus* (LeConte), *Pityophthorus arcanus* Bright, *Pityophthorus blandus* Blackman, *Pityophthorus confinis* LeConte, *Pityophthorus deletus* LeConte, *Pityophthorus grandis* Blackman, *Pityophthorus keeni* (Blackman), *Pityophthorus modicus* Blackman, *Pityophthorus punctifrons* Bright, *Pityophthorus tuberculatus* Eichhoff.

***Pinus montana***

*Cryphalus piceus* 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 deleoni* Blackman, *Gnathotrichus nitidifrons* Hopkins, *Gnathotrichus perniciosus* Wood, *Gnathotrichus sulcatus* (LeConte), *Hylastes gracilis* LeConte, *Hylastes retifer* Wood, *Ips bonanseai* (Hopkins), *Ips mexicanus* (Hopkins), *Pityophthorus arceuthobii* 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 henscheli* Seitner, *Pityophthorus knoteki* Reitter, *Pityophthorus pubescens* (Marsham).

***Pinus mugo rotundata***

*Pityophthorus glabratus* Eichhoff.

***Pinus muricata***

*Dolurgus pumilus* (Mannerheim), *Hylurgops reticulatus* Wood, *Hylurgops rugipennis rugipennis* (Mannerheim), *Ips mexicanus* (Hopkins), *Ips plastographus maritimus* Lanier, *Pityophthorus carmeli* Swaine, *Pityophthorus nitidulus* (Mannerheim), *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* Pfeffer, *Pityophthorus buyssoni* Reitter, *Pityophthorus carniolicus* Wichmann, *Pityophthorus glabratus* Eichhoff, *Pityophthorus lichtensteini* (Ratzeburg), *Pityophthorus pubescens* (Marsham).

***Pinus nigra mauretanicus***

*Pityophthorus mauretanicus* Peyerimhoff.

***Pinus nigricans***

*Ips mannsfeldi* (Wachtl).

***Pinus obovata***

*Carphoborus rossicus* Semenov.

***Pinus occidentalis***

*Ambrosiodmus lecontei* Hopkins, *Hypothenemus eruditus* Westwood, *Pityophthorus antillicus* Bright, *Pityophthorus pinavorus* Bright.

***Pinus ochoterenai***

*Ambrosiodmus funebris* (Schedl), *Pityophthorus attenuatus* Blackman, *Pityophthorus blandulus* Schedl, *Pityophthorus confusus* Blandford, *Pityophthorus dispar* Bright, *Pityophthorus glabratulus* (Schedl), *Platypus pini* Hopkins.

***Pinus oocarpa***

*Araptus sobrinus* Wood, *Dendroctonus frontalis* Zimmermann, *Dendroctonus mexicanus* Hopkins, *Dendroctonus parallelocollis* Chapuis, *Gnathotrichus perniciosus* Wood, *Pityoborus frontalis* Wood, *Pityoborus hondurensis* 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 occlusus* Bright, *Pityophthorus pellitus* Schedl, *Pityophthorus scabridus* Schedl, *Pityophthorus schwerdtfegeri* (Schedl), *Pityophthorus solus* Blackman, *Xyleborus affinis* Eichhoff, *Xyleborus volvulus* (Fabricius).

***Pinus palustris***

*Crypturgus alutaceus* Schwarz, *Dendroctonus frontalis* Zimmermann, *Dendroctonus terebrans* (Olivier), *Hylastes exilis* Chapuis, *Pityophthorus annectens* LeConte, *Pityophthorus confusus* Blandford, *Pityophthorus pulchellus* Eichhoff, *Pityophthorus pulicarius* (Zimmermann), *Pityophthorus pullus* (Zimmermann), *Xyleborus ferrugineus* (Fabricius), *Xyleborus pubescens* Zimmermann.

***Pinus parviflora***

*Euwallacea validus* (Eichhoff), *Hylurgops interstitialis* (Chapuis), *Tomicus brevipilosus* (Eggers).

***Pinus patula***

*Hylurgops longipennis* (Blandford), *Hylurgops planirostris* (Chapuis), *Mitosoma excisum* Schaufuss, *Pityophthorus ciliatus* Blackman, *Pityophthorus crassus* Blackman, *Pityophthorus montivagus* Bright, *Pityophthorus scabridus* Schedl, *Xyleborus spinulosus* Blandford.

***Pinus peuce***

*Pityophthorus knoteki* Reitter, *Pityophthorus lichtensteini* (Ratzeburg), *Pityophthorus pityographus* (Ratzeburg).

***Pinus pinaster***

*Carphoborus bonnairei* Brisout, *Crypturgus mediterraneus* Eichhoff, *Crypturgus numidicus* Ferrari, *Hylastes angustatus* (Herbst), *Hylastes linearis* Erichson, *Ips erosus* (Wollaston), *Pityogenes calcaratus* (Eichhoff), *Pityogenes porifrons* Eggers, *Pityophthorus pubescens* (Marsham).

***Pinus pinea***

*Pityogenes pennidens* (Reitter), *Pityophthorus pubescens* (Marsham).

***Pinus pithyusa***

*Crypturgus numidicus* Ferrari.

***Pinus ponderosa***

*Carphoborus costatus* Wichmann, *Carphoborus perplexus* Wood, *Carphoborus pinicolens* Wood, *Carphoborus ponderosae* Swaine, *Carphoborus simplex* LeConte, *Conophthorus ponderosae* Hopkins, *Crypturgus borealis* Swaine, *Dendroctonus adjunctus* Blandford, *Dendroctonus approximatus* Dietz, *Dendroctonus brevicomis* LeConte, *Dendroctonus frontalis* Zimmermann, *Dendroctonus jeffreyi* Hopkins, *Dendroctonus mexicanus* Hopkins, *Dendroctonus ponderosae* Hopkins, *Gnathotrichus denticulatus* Blackman, *Gnathotrichus imitans* Wood, *Gnathotrichus materiarius* (Fitch), *Gnathotrichus retusus* (LeConte), *Gnathotrichus sulcatus* (LeConte), *Hylastes fulgidus* Blackman, *Hylastes gracilis* LeConte, *Hylastes longicollis* Swaine, *Hylastes macer* LeConte, *Hylastes nigrinus* (Mannerheim), *Hylurgops porosus* (LeConte), *Hylurgops reticulatus* Wood, *Hylurgops subcostluatus subcostulatus* (Mannerheim), *Hylurgops subcostulatus alternans* (Chapuis), *Ips bonanseai* (Hopkins), *Ips emarginatus* (LeConte), *Ips knausi* Swaine, *Ips latidens* (LeConte), *Ips lecontei* Swaine, *Ips paraconfusus* Lanier, *Ips pilifrons thatcheri* Wood, *Ips pini* (Say), *Pityoborus secundus* Blackman, *Pityogenes carinulatus* (LeConte), *Pityokteines ornatus* (Swaine), *Pityophthorus acutus* Blackman, *Pityophthorus amplus* (Blackman), *Pityophthorus annectens* 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 deletus* LeConte, *Pityophthorus digestus* (LeConte), *Pityophthorus dolus* Wood, *Pityophthorus electus* Blackman, *Pityophthorus grandis* Blackman, *Pityophthorus immanis* Blackman, *Pityophthorus infulatus* Blackman, *Pityophthorus ingens* Blackman, *Pityophthorus intentus* 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 schwarzi* Blackman, *Pityophthorus schwerdtfegeri* (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 glabratulus* (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 bonanseai* (Hopkins), *Ips lecontei* Swaine, *Ips mexicanus* (Hopkins), *Pityoborus hirtellus* Wood, *Pityoborus secundus* Blackman, *Pityophthorus aciculatus* Bright, *Pityophthorus delicatus* Wood, *Pityophthorus diglyphus* Blandford, *Pityophthorus glabratulus* (Schedl), *Pityophthorus miniatus* Bright, *Pityophthorus nocturnus* Schedl, *Pityophthorus pellitus* Schedl, *Pityophthorus scabridus* Schedl, *Pityophthorus schwerdtfegeri* (Schedl), *Pityophthorus spadix* Blackman, *Platypus pini* Hopkins.

***Pinus pumila***

*Crypturgus tuberosus* Niisima, *Hylurgops spessivtsevi* Eggers, *Pityogenes foveolatus* Eggers, *Pityogenes japonicus* Nobuchi, *Polygraphus kisoensis* Niisima, *Polygraphus meakanensis* Niisima.

***Pinus quadrifolia***

*Pityophthorus punctifrons* Bright.

***Pinus radiata***

*Carphoborus radiatae* Swaine, *Conophthorus radiatae* Hopkins, *Dolurgus 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* (Marsham), *Pityophthorus setosus* Blackman, *Pityophthorus trepidus* Bright.

***Pinus resinosa***

*Conophthorus resinosae* Hopkins, *Hylurgops rugipennis pinifex* Fitch, *Ips perroti* Swaine, *Pityogenes plagiatus* (LeConte), *Pityophthorus annectens* 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 ramiperda* 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 saxeseni* (Ratzeburg).

***Pinus roxburghii***

*Carphoborus costatus* Wichmann, *Coccotrypes nubilus* (Blandford), *Crossotarsus wilmoti* (Stebbing), *Cryphalus major* Stebbing, *Hylurgus indicus* Wood, *Ips longifolia* (Stebbing), *Liparthrum longifolia* (Stebbing), *Pityogenes scitus* Blandford, *Pityogenes spessivtsevi* Lebedev, *Pityophthorus deodara* (Stebbing), *Platypus biformis* Chapuis, *Polygraphus aterrimus* Strohmeyer, *Polygraphus difficilis* Wood, *Polygraphus longifolia* Stebbing, *Polygraphus setosus* Schedl, *Platypus biformis* Chapuis.

***Pinus rudis***

*Dendroctonus adjunctus* Blandford, *Dendroctonus approximatus* Dietz, *Dendroctonus mexicanus* Hopkins, *Pityophthorus blandulus* Schedl, *Pityophthorus glabratulus* (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.**

*Ambrosiodmus apicalis* (Blandford), *Ambrosiodmus fraterculus* (Schaufuss), *Ambrosiodmus rusticus* (Wood), *Carphoborus bifurcus* Eichhoff, *Carphoborus minimus* (Fabricius), *Carphoborus pinicolens* Wood, *Coccotrypes cinnamomi* (Eggers), *Coccotrypes medius* (Eggers), *Conophthorus coniperda* (Schwarz), *Conophthorus mexicanus* Wood, *Conophthorus resinosae* Hopkins, *Crypturgus cinereus* (Herbst), *Crypturgus hispidulus* Thomson, *Crypturgus pusillus* (Gyllenhal), *Dendroctonus brevicomis* LeConte, *Dendroctonus micans* (Kugelann), *Dendroctonus parallelocollis* Chapuis, *Dendroctonus valens* LeConte, *Dryocoetes affaber* (Mannerhein), *Dryocoetes autographus* (Ratzeburg), *Dryocoetes hectographus* Reitter, *Dryocoetes pini* Niisima, *Dryocoetes rugicollis* Eggers, *Gnathotrichus deleoni* 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 flohri* (Eggers), *Hylastes fulgidus* Blackman, *Hylastes gracilis* LeConte, *Hylastes linearis* Erichson, *Hylastes macer* LeConte, *Hylastes mexicanus* Wood, *Hylastes niger* Wood, *Hylastes nigrinus* (Mannerheim), *Hylastes opacus* Erichson, *Hylastes parallelus* Chapuis, *Hylastes porculus* Erichson, *Hylastes salebrosus* Eichhoff, *Hylastes tenuis* 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 subcostluatus subcostulatus* (Mannerheim), *Hylurgops subcostulatus alternans* (Chapuis), *Hylurgus ligniperda* (Fabricius), *Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff), *Ips acuminatus* (Gyllenhal), *Ips amitinus* (Eichhoff), *Ips avulsus* (Eichhoff), *Ips bonanseai* (Hopkins), *Ips calligraphus* (Germar), *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 laricis* (Fabricius), *Orthotomicus longicollis* (Gyllenhal), *Orthotomicus proximus* (Eichhoff), *Orthotomicus suturalis* (Gyllenhal), *Pityoborus comatus* (Zimmermann), *Pityoborus fron-*

*talis* Wood, *Pityoborus hirtellus* Wood, *Pityoborus rubentis* Wood, *Pityoborus secundus* Blackman, *Pityoborus vehtinus* Wood, *Pityogenes bidentatus* (Herbst), *Pityogenes carinulatus* (LeConte), *Pityogenes chalcographus* (Linnaeus), *Pityogenes irkutensis* Eggers, *Pityogenes quadridens* (Hartig), *Pityokteines curvidens* (Germar), *Pityophthorus abstrusus* Bright, *Pityophthorus annectens* LeConte, *Pityophthorus azteeus* Bright, *Pityophthorus cacuminatus* Blandford, *Pityophthorus chalcoensis* Hopkins, *Pityophthorus ciliatus* Blackman, *Pityophthorus consimilis* LeConte, *Pityophthorus cristatus* Wood, *Pityophthorus declivisctosus* Bright, *Pityophthorus deleoni* (Blackman), *Pityophthorus delicatus* Wood, *Pityophthorus discretus* Wood, *Pityophthorus durus* Blackman, *Pityophthorus exsculptus* (Ratzeburg), *Pityophthorus festus* Wood, *Pityophthorus impexus* Bright, *Pityophthorus inedilus* Bright, *Pityophthorus ingens* Blackman, *Pityophthorus jeffreyi* Blackman, *Pityophthorus laticeps* Bright, *Pityophthorus leiophyllae* Blackman, *Pityophthorus lepidus* Bright, *Pityophthorus litos* Bright, *Pityophthorus minus* Bright, *Pityophthorus nitidus* Swaine, *Pityophthorus obtusipennis* Blandford, *Pityophthorus ornatus* Blackman, *Pityophthorus pellitus* Schedl, *Pityophthorus pullus* (Zimmermann), *Pityophthorus rudis* 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 vespertinus* Bright, *Platypus flavicornis* (Fabricius), *Platypus madagascariensis* Chapuis, *Platypus pini* Hopkins, *Platypus xylographus* Schedl, *Polygraphus horyurensis* Murayama, *Polygraphus poligraphus* (Linnaeus), *Polygraphus proximus* Blandford, *Polygraphus subopacus* Thomson, *Polygraphus szemaoensis* Tsai & Yin, *Polygraphus verrucifrons* Tsai & Yin, *Scolytoplatypus tycon* Blandford, *Tomicus destruens* (Wollaston), *Tomicus minor* (Hartig), *Tomicus piniperda* (Linnaeus), *Trischidias atomus* (Hopkins), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus atratus* Eichhoff, *Xyleborus dispar* (Fabricius), *Xyleborus eurygraphus* (Ratzeburg), *Xyleborus pinivorus* Browne, *Xyleborus pubescens* Zimmermann, *Xyleborus seriatus* Blandford, *Xylosandrus germanus* (Blandford), *Xyloterinus politus* (Say).

***Pinus strobiformis***

*Conophthorus ponderosae* Hopkins, *Dendroctonus ponderosae* Hopkins, *Dendroctonus terebrans* (Olivier), *Gnathotrichus denticulatus* Blackman, *Ips woodi* Thatcher, *Pityogenes fossifrons* (LeConte), *Pityophthorus acutus* Blackman, *Pityophthorus amplus* (Blackman), *Pityophthorus brevicomatus* Bright, *Pityophthorus brevis* Blackman, *Pityophthorus clivus* Bright, *Pityophthorus confertus* Swaine, *Pityophthorus confinis* LeConte, *Pityophthorus crassus* Blackman, *Pityophthorus cuspidatus* Blackman, *Pityophthorus deletus* LeConte, *Pityophthorus durus* Blackman, *Pityophthorus immanis* Blackman, *Pityophthorus infidatus* Blackman, *Pityophthorus intentus* Bright, *Pityophthorus nigricans* Blandford, *Pityophthorus pinguis* (Blackman), *Pityophthorus segnis* Blackman, *Pityophthorus tuberculatus* Eichhoff, *Pityophthorus venustus* Blackman, *Pityotrichus hesperius* Bright.

***Pinus strobus***

*Conophthorus coniperda* (Schwarz), *Dendroctonus frontalis* Zimmermann, *Dendroctonus murrayanae* Hopkins, *Dendroctonus terebrans* (Olivier), *Gnathotrichus materiarius* (Fitch), *Hylurgops inouyei* Nobuchi, *Hylurgops rugipennis pinifex* Fitch, *Ips latidens* (LeConte), *Ips pilifrons thatcheri* Wood, *Ips pini* (Say), *Pityogenes hopkinsi* Swaine, *Pityophthorus angustus* Blackman, *Pityophthorus balsameus* Blackman, *Pityophthorus biovalis* Blackman, *Pityophthorus briscoei* 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 cholodkovskyi* Spessivtsev, *Carphoborus jurinskii* Eggers, *Cryphalus laricis* Niisima, *Hylastes angustatus* (Herbst), *Hylastes brunneus* Erichson, *Hylastes cunicularius* Erichson, *Hylurgops glabratus* (Zetterstedt), *Hylurgops inouyei* Nobuchi, *Ips duplicatus* (Sahlberg), *Ips mannsfeldi* (Wachtl), *Ips robustus* (Knotek), *Pityogenes calcaratus* (Eichhoff), *Pityogenes conjunctus* Reitter, *Pityogenes irkutensis* Eggers, *Pityogenes trepanatus* (Nordlinger), *Pityophthorus buyssoni* Reitter, *Pityophthorus carniolicus* Wichmann, *Pityophthorus glabratus* Eichhoff, *Pityophthorus lichtensteini* (Ratzeburg), *Pityophthorus opaculus* LeConte, *Pityophthorus puberulus* (LeConte), *Pityophthorus pubescens* (Marsham), *Pityophthorus pulicarius* (Zimmermann), *Polygraphus seriatus* Reitter, *Xyleborus khinganensis* Murayama.

***Pinus tabulaeformis***

*Cryphalus jeholensis* Murayama, *Cryphalus pseudochinlingensis* Tsai & Li, *Cryphalus pseudotabulaeformis* Tsai & Li, *Cryphalus tabulaeformis* Tsai & Li, *Hylastes techangensis* Tsai & Huang, *Hylurgops junnanicus* Sokanovskii, *Hylurgops longipilus* (Reitter), *Hylurgops major* Eggers, *Pityophthorus seiryuensis* Murayama, *Polygraphus junnanicus* Sokanovskii, *Polygraphus sinensis* Eggers, *Polygraphus squamcus* Yin & Huang, *Polygraphus szemaoensis* Tsai & Yin, *Polygraphus verrucifrons* Tsai & Yin, *Tomicus pilifer* (Spessivtsev), *Xyleborus emarginatus* Eichhoff.

***Pinus tabulaeformis mukdensis***

*Cryphalus fulvus* Niisima.

***Pinus taeda***

*Carphoborus bifurcus* Eichhoff, *Crypturgus alutaceus* Schwarz, *Dendroctonus frontalis* Zimmermann, *Dendroctonus terebrans* (Olivier), *Gnathotrichus materiarius* (Fitch), *Hylastes exilis* Chapuis, *Hypothenemus crudiae* (Panzer), *Pityogenes meridianus* Blackman, *Pityophthorus annectens* LeConte, *Pityophthorus confusus* Blandford, *Pityophthorus consimilis* LeConte, *Pityophthorus pulicarius* (Zimmermann), *Pityophthorus pullus* (Zimmermann), *Trypodendron scabricollis* (LeConte), *Xyleborus ferrugineus* (Fabricius).

***Pinus taiwanensis***

*Euwallacea validus* (Eichhoff).

***Pinus tenuifolia***

*Dendroctonus adjunctus* Blandford, *Dendroctonus mexicanus* Hopkins, *Dendroctonus parallelocollis* Chapuis, *Hylocurus 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 vitei* Wood, *Pityophthorus crassus* Blackman, *Pityophthorus leiophyllae* Blackman, *Pityophthorus perotei* Blackman, *Pityophthorus schwarzi* Blackman.

***Pinus thunbergiana***
*Cryphalus fulvus* Niisima, *Cryphalus furukawai* Murayama, *Cryphalus jeholensis* Murayama, *Cryphalus laricis* Niisima, *Euwallacea validus* (Eichhoff), *Orthotomicus nankinensis* Kurenzov & Kononov, *Orthotomicus tosaensis* (Murayama), *Pityophthorus jucundus* Blandford.

***Pinus torreyana***
*Pityophthorus carmeli* Swaine.

***Pinus tuberculata***
*Dolurgus pumilus* (Mannerheim).

***Pinus virginiana***
*Carphoborus bicornis* Wood, *Carphoborus bifurcus* Eichhoff, *Dendroctonus frontalis* Zimmermann, *Hylurgops rugipennis pinifex* Fitch, *Pityogenes plagiatus* (LeConte), Pityophthorus *cariniceps* LeConte, *Pityophthorus consimilis* LeConte, *Pityophthorus pulchellus* Eichhoff, *Pityophthorus pulicarius* (Zimmermann).

***Pinus washoensis***
*Conophthorus ponderosae* Hopkins, *Pityophthorus digestus* (LeConte).

***Pinus yunnanensis***
*Cryphalus szechuanensis* Tsai & Li, *Hylastes techangensis* Tsai & Huang, *Hylurgops major* Eggers, *Ips chinensis* Kurenzov & Kononov, *Polygraphus junnanicus* Sokanovskii, *Polygraphus szemaoensis* Tsai & Yin, *Polygraphus verrucifrons* Tsai & Yin, *Xyleborus emarginatus* Eichhoff.

***Piper guahameuse***
*Cryphalus sylvicola* (Perkins).

***Piper* spp.**
*Cuestus suturalis* (Eggers), *Corthylus cirritus* Wood, *Corthylus comosus* Wood, *Hadrodemius globus* (Blandford), *Xyleborus haberkorni* Eggers.

***Piptadenia africana***
*Chaetastus tuberculatus* (Chapuis), *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus exilis* (Chapuis), *Doliopygus eximius* Schedl, *Doliopygus expletus* Schedl, *Doliopygus ghesquierei* (Schedl), *Doliopygus gracilior* Schedl, *Doliopygus lateralis* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* 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), *Periommatus longicollis* Chapuis, *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus subtuberculatus* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Piptadenia buchananii***
*Cryptocurus spinipennis* Schedl, *Doliopygus exilis* (Chapuis).

***Piptadenia pervillei***
*Xyleborus alluaudi* Schaufuss, *Xyleborus malgasicus* Schedl.

***Piptadenia* spp.**
*Mesoplatypus quinquecinctus* (Schedl), *Pseudochramesus semibrunneus* (Eggers).

***Piptadeniastrum africanum***
*Chaetastus montanus* Schedl, *Doliopygus opifex* (Sampson), *Doliopygus perminutissimus* (Schedl), *Doliopygus propinquus* Schedl, *Periommatus grandis* Schedl, *Triozastus banghaasi* (Schaufuss), *Triozastus caliginosus* Roberts, *Triozastus elongatus* Schedl, *Triozastus pilosulus* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus barumbuensis* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

***Piptadeniastrum* spp.**
*Premnobius cavipennis* Eichhoff.

***Pipturus albidus***
*Xyleborus ferrugineus* (Fabricius), *Xyleborus hawaiiensis* Perkins, *Xyleborus perforans* (Wollaston).

***Pipturus* spp.**
*Xyleborinus saxeseni* (Ratzeburg), *Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

***Piscidia piscipala***
*Cnemonyx 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), *Phlocotribus scarabaeoides* (Bernard).

***Pistacia* spp.**
*Carphoborus perrisi* (Chapuis), *Phlocotribus 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***
*Cryptocarenus seriatus* 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 saman***
*Ambrosiodmus pithecolobius* (Schedl), *Platypus suffodiens* Sampson.

***Pithecolobium splendens***
*Crossotarsus externedentatus* (Fairmaire).

***Pithecolobium* spp.**
*Crossotarsus squamulatus* Chapuis, *Crossotarsus terminatus* Chapuis, *Cyclorhipidion 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.**
*Ambrosiodmus compressus* (Lea), *Cyrtogenius dimorphus* (Schedl), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus seriatus* (Eichhoff), *Mitosoma excisum* Schaufuss, *Xyleborinus quadrispinis* (Schedl), *Xyleborinus spiculatus* (Schaufuss), *Xyleborinus spinosus* (Schaufuss), *Xyleborus alluaudi* Schaufuss, *Xylosandrus compactus* (Eichhoff).

***Pittosporum tobira***
*Cryphalus birosimensis* (Murayama).

***Pittosporum viridoflorum***
*Chaetastus montanus* Schedl, *Triozastus caliginosus* Roberts.

***Plagioscyphus* spp.**
*Crossotarsus nitens* Chapuis, *Platypus madagascariensis* Chapuis, *Premnobius cavipennis* Eichhoff.

***Planchonella laurifolia***
*Platypus semigranosus* (Sampson).

***Planchonella pohlmaniana***
*Xyleborus perforans* (Wollaston), *Xyleborus volvulus* (Fabricius).

***Planchonella samoensis***
*Cryphalus samoensis* Beeson, *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Platypus tetracerus* Beeson, *Xyleborus longicollis* Browne.

***Planchonella sandwicense***
*Xyleborus lanaiensis* Perkins.

***Planchonella* spp.**
*Diapus elongatus* Schedl, *Diapus nebulosus* Roberts, *Diapus papuanus* Schedl, *Diapus perpygmaeus* Roberts, *Diapus quinquespinatus* Chapuis, *Diapus turgidus* Roberts, *Platypus ambiguus* Roberts, *Platypus aspicis* Roberts & Morimoto, *Platypus glochideus* 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 eruditus* Westwood.

***Platanus occidentales***
*Corthylus columbianus* Hopkins.

***Platanus* spp.**
*Xyleborus dispar* (Fabricius).

***Plathymenia reticulata***
*Xyleborus rugosipennis* Schedl.

***Platycarya* spp.**
*Xylosandrus mutilatus* (Blandford).

***Platycladus orientalis***
*Phlocosinus thujae* (Perris).

***Plectocomia elongata***
*Xyleborus inaequalis* Schedl.

***Plectronia* spp.**
*Xyleborus cancellatus* Eggers.

***Pleiocarpa micrantha***
*Scolytogenes pleiocarpae* (Schedl).

***Pleiocarpa tubicina***
*Hypothenemus perhispidus* (Eggers), *Platypus intermedius* (Schedl), *Scolytogenes pleiocarpae* (Schedl), *Xyleborus alluaudi* Schaufuss, *Xyleborus principalis* Eichhoff.

***Pleiogynum* spp.**
*Ambrosiodmus lecontei* Hopkins.

***Pleomele aurea***
*Xyleborus rugatus* Blackburn.

***Plerandra grayi***
*Scolytogenes fijianus* (Schedl).

***Plochodion* spp.**
*Xyleborinus longus* (Eggers).

***Plumeria rubra***
*Scolytodes plumeriae* Wood, *Scolytodes plumericolens* Wood, *Scolytodes venustus* Wood.

***Plumeria* spp.**
*Scolytopsis laticollis* Wood.

***Podocarpus falcata***
*Lanurgus spathulatus* Schedl, *Traglostus brevisetosus* Schedl, *Xyleborinus aemulus* (Wollaston).

***Podocarpus imbricata***
*Platypus bajulus* Schedl, *Platypus cavus* Strohmeyer, *Platypus vethi* Strohmeyer, *Scolytoplatypus nitidus* Eggers.

***Podocarpus indicus***
*Coccotrypes cinnamomi* (Eggers), *Coccotrypes medius* (Eggers).

***Podocarpus latifolia***
*Ambrosiodmus eichhoffi* (Schreiner), *Hypocryphalus caplandicus* Schedl, *Lanurgus oleaeformis* Schedl.

***Podocarpus nageia***
*Phlocosinus osumiensis* Murayama.

***Podocarpus oleifolia***
*Corthylus simplex* Wood, *Monarthrum nevermanni* (Schedl), *Phlocotribus atavus* Wood.

***Podocarpus raspigliosii***
*Araptus impensus* (Wood), *Platypus secus* Wood.

***Podocarpus* spp.**
*Acanthotomicus curvidens* (Schedl), *Coccotrypes leveri* Browne, *Crossotarsus coxalis* Schedl, *Diapus elongatus* Schedl, *Diapus papuanus* Schedl, *Diapus spinifer* Schedl, *Doliopygus bidentatus* (Strohmeyer), *Lanurgus podocarpi* Schedl, *Phlocosinus kinabaluensis* Bright, *Phlocosinus podocarpi* Browne, *Platypus fastuosus* Schedl, *Platypus orientalis* (Strohmeyer), *Platypus semiopacus* Strohmeyer, *Platypus uniformis* Schedl, *Scolytodes gemaeus* Wood, *Scolytoplatypus kiwuensis* Schedl, *Treptoplatypus multiporus* Schedl.

***Poinciana elata***
*Ambrosiodmus lewisi* (Blandford), *Euwallacea interjectus* (Blandford), *Platypus indicus* Strohmeyer, *Xyleborinus andrewesi* (Blandford).

***Poinciana regia***
*Coccotrypes confusus* (Eggers), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus crudiae* (Panzer), *Hypothenemus liberiensis* (Hopkins), *Hypothenemus melasomus* (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 mniszechi* Chapuis, *Platypus jansoni* Chapuis, *Platypus selysi* 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 lefevrei* 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), *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Periommatus longicollis* Chapuis, *Periommatus 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 impolitus* 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 mniszechi* Chapuis, *Crossotarsus wallacei* (Thomson), *Platypus cavus* Strohmeyer, *Platypus jansoni* Chapuis, *Xyleborinus andrewesi* (Blandford), *Xyleborus perforans* (Wollaston), *Xyleborus perplexus* Schedl, *Xylosandrus ater* (Eggers), *Xylosandrus mancus* (Blandford).

***Pometia* spp.**
*Baiocis pernanulus* (Schedl), *Crossotarsus inaequidens* Browne, *Crossotarsus nakazawai* Browne, *Diapus perpygmaeus* Roberts, *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Platypus abruptifer* Wood, *Platypus granulosus* Browne, *Platypus insulindicus* Schedl, *Platypus juvencus* Schedl, *Platypus lepidus* Chapuis, *Platypus matoae* Browne, *Platypus pseudocupulatus* Schedl, *Xyleborinus andrewesi* (Blandford), *Xyleborinus pometianus* (Schedl).

***Pometia tomentosa***
*Crossotarsus javanus* Beeson, *Platypus signatus* Chapuis.

***Pongamia glabra***
*Phlocoditica curtus* (Eggers).

***Popowia* spp.**
*Ctonoxylon kivuensis* 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***
*Euwallacea validus* (Eichhoff), *Hypothenemus seriatus* (Eichhoff), *Trypodendron retusum* (LeConte).

***Populus diversifolia***
*Trypophloeus klimeschi* Eggers.

***Populus glandulosa***
*Euwallacea 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 lewisi* (Blandford), *Ambrosiodmus rubricollis* (Eichhoff), *Euwallacea fornicatus* (Eichhoff), *Euwallacea interjectus* (Blandford), *Hylocurus hirtellus* (LeConte), *Micracis swainei* Blackman, *Platypus falcatus* Strohmeyer, *Scolytoplatypus tycon* Blandford, *Trypodendron signatum* (Fabricius), *Xyleborinus saxeseni* (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* Nunberg, *Trypophloeus palmi* Hansen, *Trypophloeus tremulae* Stark, *Xyleborus pfeili* (Ratzeburg).

***Populus tremuloides***
*Procryphalus mucronatus* (LeConte), *Trypodendron retusum* (LeConte), *Trypophloeus populi* Hopkins, *Trypophloeus thatcheri* (Wood), *Xyleborus obesus* LeConte.

***Populus trichocarpa***
*Gnathotrichus retusus* (LeConte), *Trypophloeus populi* Hopkins, *Trypophloeus thatcheri* (Wood).

***Potakowskia tacaco***
*Dendrocranulus declivis* Schedl, *Dendrocranulus vicinus* Wood.

***Poupartia caffra***
*Ambrosiodmus sakoae* (Schedl).

***Pourouma aspera***
*Gnathotrupes terebratus* (Wood).

***Pouteria anibaefolia***
*Platypus pouteriae* Wood, *Platypus sicarius* Wood, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).

***Pouteria campechana***
*Chaetophloeus pouteriae* Wood.

***Pouteria egregia***
*Platypus applanatus* Wood, *Xyleborus affinis* Eichhoff, *Xyleborus volvulus* (Fabricius).

***Pouteria guianensis***
*Platypus chuniculus* Wood, *Platypus occipitis* Wood, *Xyleborus volvulus* (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, *Premnobius cavipennis* Eichhoff, *Sampsonius expulsus* Wood, *Taurodemus ebenus* (Wood), *Taurodemus splendidus* (Schaufuss), *Xyleborinus reconditus* (Schedl), *Xyleborus commixtus* Blandford, *Xyleborus parcellus* Wood.

***Poweria exitialis***
*Platypus exitialis* Wood.

***Pritchardia pacifica***
*Coccotrypes dactyliperda* (Fabricius).

***Pritchardia thurstoni***
*Coccotrypes carpophagus* (Hornung).

***Pronia copaifer***
*Coccotrypes cyperi* (Beeson).

***Prosopis chilensis***
*Hypothenemus rugifer* (Schedl).

***Prosopis glandulosa***
*Pseudothysanoes turubowi* Wood.

***Prosopis juliflora***
*Thysanoes texanus* Blackman.

***Prosopis nudiflora***
*Xylosandrus compactus* (Eichhoff).

***Prosopsis pallida***
*Xyleborinus saxeseni* (Ratzeburg).

***Prosopis* spp.**
*Chaetophloeus fasciatus* (Blackman), *Hypothenemus erectus* LeConte, *Hypothenemus interstitialis* (Hopkins), *Hypothenemus rotundicollis* (Eichhoff), *Micracisella nanula* (LeConte), *Micracisella opacithorax* (Schedl), *Xylosandrus compactus* (Eichhoff).

***Protea* spp.**
*Thamnurgus granulicollis* Schedl.

***Protium copal***
*Gnatholeptus semiernis* (Nunberg).

***Protium macgregorii***
*Platypus solidus* Walker.

***Protium nervosum***
*Taurodemus ebenus* (Wood), *Taurodemus varulus* (Wood), *Xyleborinus celatus* Wood.

***Protium* spp.**
*Amphicranus micans* Wood, *Camptocerus aeneipennis* (Fabricius), *Camptocerus auricomus* Blandford, *Camptocerus niger* (Fabricius), *Cnemonyx exiguus* (Blandford), *Cnemonyx protivorus* Wood, *Coptoborus usagaricus* (Eggers), *Cryphalus nitidipennis* Browne, *Cryptocarenus lepidus* Wood, *Cryptocarenus pilosus* Eggers, *Gnatholeptus panamensis* Blackman, *Gnatholeptus shannoni* (Blackman), *Hypothenemus bolivianus* (Eggers), *Hypothenemus opacus* (Eichhoff), *Microborus limatus* Wood, *Periocryphalus sobrinus* Wood, *Pityophthorus sparsepilosus* (Schedl), *Pityophthorus subcribratus* Schedl, *Platypus tristis* Roberts, *Premnobius cavipennis* Eichhoff, *Taurodemus bicornutus* (Wood), *Taurodemus flavipes* (Fabricius), *Xyleborus biuncus* Browne, *Xyleborus ferrugineus* (Fabricius), *Xyleborus protii* Browne.

***Protium tenuifolium***
*Camptocerus rectus* Wood, *Xylosandrus laticeps* (Wood).

***Protorhus* spp.**
*Platypus madagascariensis* Chapuis.

***Prunus americana***
*Phlocotribus liminaris* (Harris).

***Prunus angustifolia***
*Phlocotribus liminaris* (Harris).

***Prunus apetala***
*Xyleborus laetus* Niisima.

***Prunus armeniaca***
*Cryphalus malus* Niisima, *Scolytoplatypus minimus* Hagedorn, *Scolytus nitidus* Schedl, *Xyleborinus saxeseni* (Ratzeburg).

***Prunus avium***
*Polygraphus grandiclava* Thomson.

***Prunus cerasa***
*Polygraphus grandiclava* Thomson.

***Prunus communis***
*Phlocotribus pruni* Wood.

***Prunus davidiana***
*Ambrosiodmus rubricollis* (Eichhoff).

***Prunus domestica***
*Hypothenemus birmanus* (Eichhoff), *Phlocotribus porteri* Bruch, *Scolytoplatypus fasciatus* Hagedorn.

***Prunus donarium spontanea***
*Xyleborus atratus* Eichhoff.

***Prunus grayana***
*Xylechinus gunmensis* (Murayama).

***Prunus jamasakura***
*Coccotrypes naidaijinensis* (Murayama), *Crossotarsus simplex* Murayama.

***Prunus maximowietzii***
*Dryocoetes cerasi* Eggers.

***Prunus mume***
*Cryphalus malus* Niisima.

***Prunus nepalensis***
*Diapus quadrispinatus* Chapuis, *Diapus quinquespinatus* Chapuis, *Diapus spatulifer* Browne, *Scolytoplatypus darjeelingi* Stebbing, *Scolytoplatypus pubescens* Hagedorn, *Scolytoplatypus raja* Blandford.

***Prunus padus***
*Cryphalus scopiger* Berger, *Lymantor aceris* (Lindemann), *Lymantor coryli* (Perris), *Polygraphus grandiclava* Thomson, *Scolytoplatypus siomio* Blandford, *Xylechinus 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 pomi* Yin & Huang, *Xylosandrus crassiusculus* (Motschulsky).

***Prunus pseudo-cerasus***
*Cryphalus malus* Niisima.

***Prunus salasii***
*Ambrosiodmus natalensis* (Schaufuss), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus grandis* Schedl.

***Prunus salicina***
*Cryphalus malus* Niisima.

***Prunus sargentii***
*Cryphalus malus* Niisima.

***Prunus serotina***
*Hypothenemus eruditus* Westwood, *Liparthrum pruni* Wood, *Phloeotribus destructor* Wood, *Phloeotribus liminaris* (Harris), *Phloeotribus perniciosus* Wood, *Phloeotribus pruni* Wood, *Xyleborinus saxeseni* (Ratzeburg).

***Prunus serrulata spontanea***
*Euwallacea validus* (Eichhoff).

***Prunus sphaerocarpa***
*Acorthylus pruni* (Wood), *Platypus calamus* Blandford, *Platypus deceptor* Wood, *Platypus deplanatus* Wood.

***Prunus* spp.**
*Ambrosiodmus apicalis* (Blandford), *Ambrosiodmus lewisi* (Blandford), *Ambrosiodmus rubricollis* (Eichhoff), *Chaetophloeus heterodoxus* (Casey), *Coccotrypes naidaijinensis* (Murayama), *Glochinocerus gemellus* Blandford, *Hypothenemus eruditus* Westwood, *Monarthrum fasciatum* (Say), *Phloeotribus destructor* Wood, *Phloeotribus pruni* Wood, *Platypus calamus* Blandford, *Platypus cylindrus* (Fabricius), *Platypus quercivorus* Murayama, *Platypus severini* Blandford*Polygraphus parvulus* Murayama, *Polygraphus ssiori* Niisima, *Scolytoplatypus mikado* Blandford, *Scolytus amygdali* Guerin-Meneville, *Scolytus aratus* Blandford, *Scolytus ensifer* Eichhoff, *Scolytus gretschkini* Sokanovskii, *Scolytus japonicus* Chapuis, *Scolytus kirschi* Skalitzky, *Scolytus mali* (Bechstein), *Scolytus pygmaeus* (Fabricius), *Scolytus rugulosus* (Muller), *Scolytus schevyrewi* 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 calamus* Blandford, *Polygraphus shariensis* Niisima.

***Prunus tomentosa***
*Scolytus pomi* Yin & Huang.

***Prunus triloba***
*Cryphalus pruni* Eggers.

***Prunus virginiana***
*Phloeotribus pruni* Wood.

***Prunus vulgaris***
*Phloeotribus pruni* Wood.

***Prunus yedoensis***
*Xyleborus atratus* Eichhoff.

***Pseudoeugenia* spp.**
*Platypus hamatulus* Schedl.

***Pseudomorus brunoniana***
*Ficicis varians* Lea.

***Pseudoolmedia laevigata***
*Dryocoetoides severus* Wood, *Taurodemus splendidus* (Schaufuss), *Taurodemus varians* (Fabricius), *Xyleborinus reconditus* (Schedl).

***Pseudoolmedia* spp.**
*Phloeotribus minor* Wood.

***Pseudospondias microcarpa***
*Chaetastus tuberculatus* (Chapuis), *Platypus lintzi* Schaufuss, *Scolytoplatypus africanus* Eggers, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).

***Pseudospondias* spp.**
*Trachyostus aterrimus* (Schaufuss).

***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, *Gnathotrichus retusus* (LeConte), *Gnathotrichus sulcatus* (LeConte), *Hylastes ater* (Paykull), *Hylastes nigrinus* (Mannerheim), *Hylastes ruber* Swaine, *Hylurgops reticulatus* Wood, *Hylurgops rugipennis rugipennis* (Mannerheim), *Hylurgops subcostulatus subcostulatus* (Mannerheim), *Phloeosinus antennatus* Swaine, *Phloeotribus lecontei* Schedl, *Pityokteines elegans* Swaine, *Pityokteines lasiocarpi* (Swaine), *Pityophthorus arcanus* Bright, *Pityophthorus intentus* Bright, *Pityophthorus malleatus* Bright, *Pityophthorus opaculus* LeConte, *Pityophthorus orarius* Bright, *Pityophthorus pseudotsugae* Swaine, *Pityophthorus solers* Blackman, *Pityophthorus speculum* Bright, *Platypus apicalis* (White), *Platypus wilsoni* Swaine, *Pseudohylesinus nebulosus nebulosus* (LeConte), *Pseudohylesinus sericeus* (Mannerheim), *Pseudothysanoes coniferae* (Wood), *Scierus annectens* LeConte, *Scolytus hermosus* Wood, *Scolytus monticolae* (Swaine), *Scolytus oregoni* Blackman, *Scolytus reflexus* Blackman, *Scolytus unispinosus* LeConte, *Scolytus virgatus* Bright, *Xyleborus intrusus* Blandford.

***Pseudotsuga* spp.**
*Trypodendron lineatum* (Olivier).

***Psidium guajava***
*Diapus formosanus* Niisima & Murayama, *Euwallacea formicatus* (Eichhoff), *Euwallacea xanthopus* (Eichhoff), *Phloeoborus punctatorugosus* Chapuis, *Pityophthorus robai* (Blackman), *Platypus flectus* Niisima & Murayama, *Platypus niijimai* Murayama, *Scolytogenes samoanus* (Browne), *Taurodemus perebeae* (Ferrari), *Xyleborus affinis* Eichhoff, *Xyleborus subtuberculatus* Eggers.

***Psittacanthus schiedeanus***
*Chaetophloeus struthanthi* Wood, *Cnesinus noguerae* Atkinson, *Corthylus senticosus* Wood.

***Psittacanthus* spp.**
*Corthylus sentosus* Wood, *Hypothenemus indigens* Wood, *Pseudothysanoes plumalis* Wood, *Pseudothysanoes tenellus* Wood.

***Psychotia* spp.**
*Xyleborinus quadrispinosus* (Eichhoff), *Xyleborus alluaudi* Schaufuss, *Xylosandrus hirsutipennis* (Schedl).

***Psychotia viridiflora***
*Platypus signatus* Chapuis.

***Ptelea trifoliata***
*Phloeotribus 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* Schaufuss, *Coccotrypes pterydopluytae* (Schedl).

***Pternandra coerulea***
*Amasa versicolor* (Sampson).

***Pterocarpus angolensis***
*Doliopygus conradti* (Strohmeyer), *Doliopygus crinitus* (Chapuis), *Doliopygus subserratus* Browne.

***Pterocarpus dalbergioides***
*Crossotarsus andamanus* Beeson, *Platypus cupulatus* Chapuis, *Platypus solidus* Walker, *Platypus verchinatus* (Beeson), *Xyleborinus exiguus* (Walker), *Xyleborus bidentatus* (Motschulsky), *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus pfeili* (Ratzeburg), *Xyleborus similis* Ferrari.

***Pterocarpus indicus***
*Crossotarsus externedentatus* (Fairmaire), *Euwallacea limatus* (Schedl), *Hypocryphalus perminimus* (Schedl), *Platypus insularis* Strohmeyer, *Xyleborus granulipes* Schedl, *Xyleborus similis* Ferrari.

***Pterocarpus marsupium***
*Ambrosiodmus dilingensis* (Eggers), *Crossotarsus minax* (Walker), *Ernoporus concentralis* (Eggers), *Euwallacea andamanensis* (Blandford), *Euwallacea interjectus* (Blandford), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

***Pterocarpus mildbraedii***
*Chaetastus tuberculatus* (Chapuis), *Doliopygus pseudoserratus* Roberts, *Trachyostus aterrimus* (Schaufuss).

***Pterocarpus osun***
*Mesoplatypus venustus* Schedl.

***Pterocarpus soyauxii***
*Ambrosiodmus ovatus* (Eggers), *Chaetastus tuberculatus* (Chapuis), *Cylindropalpus pertinax* (Schedl), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus gliesquierci* (Schedl), *Doliopygus interjectus* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus maynei* Schedl, *Doliopygus opulentus* Schedl, *Doliopygus semipilosus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Hypothenemus eruditus* Westwood, *Premnobius longus* Eggers, *Premnobius robustulus* (Schedl), *Premnobius sexspinosus* Eggers, *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus caudatus* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius).

***Pterocarpus* spp.**
*Ambrosiodmus natalensis* (Schaufuss), *Ernoporus armatus* (Browne), *Ernoporus tuberculatus* (Browne), *Leptoxyleborus concisus* (Blandford), *Platypus triplurus* Browne.

***Pterocarpus stenoptera***
*Sphaerotrypes juglansi* Tsai & Yin.

***Pterocarpus tinctorius***
*Cylindropalpus laudatus* (Schedl), *Doliopygus perbrevis* 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, *Euwallacea barbatus* (Hagedorn), *Euwallacea wallacei* (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 wallacei* (Thomson), *Diapus pusillimus* Chapuis, *Hyledius cribratus* (Blandford), *Platypus jansoni* Chapuis.

***Pteromalus bimaculatus***
*Xyleborinus saxeseni* (Ratzeburg).

***Pterospermum acerifolium***
*Playtpus solidus* Walker, *Xyleborus perforans* (Wollaston), *Xylosandrus discolor* (Blandford).

***Pterospermum heyneanum***
*Coccotrypes longior* (Eggers).

***Pterospermum* spp.**
*Xyleborinus andrewesi* (Blandford).

***Pterygopodium oxyphyllum***
*Doliopygus donisi* Schedl.

***Pterygota bequaertii***
*Chaetastus tuberculatus* (Chapuis), *Doliopygus jurioni* Schedl, *Doliopygus lateralis* Schedl, *Doliopygus lateralis* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus medius* Schedl, *Doliopygus punctiventris* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus unicornis* Schedl, *Platypus hintzi* Schaufuss, *Platypus intermedius* (Schedl), *Strombophorus vagans* Schedl, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus volvulus* (Fabricius).

***Pterygota macrocarpa***
*Cylindropalpus auricomans* (Schaufuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus medius* Schedl, *Doliopygus mimicus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Platypus hintzi* Schaufuss, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).

***Pterygota* spp.**
*Platypus obliquetruncatus* Schedl, *Premnobius cavipennis* spp.

***Ptychosperma* spp.**
*Coccotrypes dactyliperda* (Fabricius).

***Pueraria thumbergiana***
*Ambrosiodmus lewisi* (Blandford).

***Punica granatum***
*Euwallacea xanthopus* (Eichhoff), *Platypus solutus* Schedl, *Xyleborus piceus* (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, *Euwallacea granosus* (Schedl), *Mesoplatypus venustus* Schedl, *Periommatus excisus* Strohmeyer, *Periommatus 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 piceus* (Motschulsky), *Xyleborus subtuberculatus* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Pycanthus kombo***
*Chaetastus persimilis* (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 piceus* (Motschulsky), *Xyleborus volvulus* (Fabricius).

***Pycanthus marchalianus***
*Xyleborus ferrugineus* (Fabricius).

***Pycanthus* spp.**
*Ambrosiodmus eichhoffi* (Schreiner).

***Pycnostachys coerulea***
*Euwallacea xanthopus* (Eichhoff), *Rhopalopselion congonum* (Schedl).

***Pygeum africanum***
*Chaetastus diversifrons* Browne, *Chaetastus montanus* Schedl, *Cylindropalpus laudatus* (Schedl), *Hylesinopsis fasciatus* (Hagedorn), *Sphaerotrypes pygeumi* Schedl, *Triozastus marshalli* (Sampson).

***Pygeum parviflorum***
*Diapus quinquespinatus* Chapuis.

***Pyrus betulaefolia***
*Sphaerotrypes pyri* Tsai & Yin.

***Pyrus communis***
*Cnesinus strigicollis* LeConte.

***Pyrus lanata***
*Dryocoetes himalayensis* Strohmeyer, *Scolytoplatypus siomio* Blandford.

***Pyrus malus***
*Chaetophloeus heterodoxus* (Casey), *Cryphalus malus* Niisima, *Hypothenemus africanus* (Hopkins), *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus malus* (Schedl), *Lymantor coryli* (Perris), *Scolytus nitidus* Schedl.

***Pyrus* spp.**
*Hypothenemus eruditus* Westwood, *Scolytoplatypus daimio* Blandford, *Scolytus japonicus* Chapuis, *Scolytus mali* (Bechstein), *Scolytus rugulosus* (Muller), *Xylosandrus germanus* (Blandford), *Xyleborus dispar* (Fabricius).

***Pyrus ussuriensis***
*Scolytus jacobsoni* (Spessivtsev).

***Qualea ingens***
*Dryocoetoides flavus* (Fabricius), *Taurodemus perebeae* (Ferrari), *Xyleborinus reconditus* (Schedl), *Xyleborus spinulosus* Blandford.

***Qualea wittrockii***
*Hypothenemus plumeriae* (Nordlinger), *Sampsonius dampfi* Schedl.

***Quercus acuta***
*Ambrosiodmus rubricollis* (Eichhoff), *Coptodryas kirishimanus* (Murayama), *Platypus calamus* Blandford, *Platypus lewisi* Blandford, *Platypus quercivorus* Murayama, *Xyleborus atratus* Eichhoff, *Xyleborus miyazakiensis* Murayama, *Xyleborus nameranus* Murayama, *Xyleborus pelliculosus* Eichhoff, *Xyleborus tsukubanus* Murayama.

***Quercus acutissima***
*Platypus koryoensis* (Murayama), *Platypus lewisi* Blandford, *Platypus quercivorus* Murayama, *Scolytogenes imitans* Eichhoff, *Sphaerotrypes pila* Blandford.

***Quercus afares***
*Taphrorychus villifrons* (Dufour).

***Quercus agrifolia***
*Gnathotrichus pilosus* (LeConte), *Monarthrum dentigerum* (LeConte), *Monarthrum scutellare* (LeConte), *Pseudopityophthorus agrifoliae* Blackman, *Pseudopityophthorus pubipennis* (LeConte).

***Quercus alba***
*Corthylus 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***
*Ernoporicus fagi* (Fabricius), *Taphrorychus hirtellus* Eichhoff.

***Quercus coccinea***
*Xyleborus ferrugineus* (Fabricius).

***Quercus costaricensis***
*Monarthrum pseudoscutellare* (Schedl).

***Quercus crispula***
*Platypus calamus* Blandford.

***Quercus dentata***
*Taphrorychus hewetti* (Stebbing).

***Quercus digitata***
*Monarthrum fasciatum* (Say).

***Quercus dilatata***
*Diapus aculeatus* Blandford, *Diapus molossus* Chapuis, *Diapus spatulifer* Browne, *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***
*Amasa calamoides* (Murayama), *Diapus spatulifer* Browne, *Platypus calamus* Blandford, *Platypus kinshuensis* Murayama, *Platypus lewisi* Blandford, *Platypus quercivorus* Murayama, *Platypus severini* Blandford.

***Quercus glauca***
*Coptodryas kirishimana* (Murayama), *Crossotarsus flavomaculatus* Strohmeyer, *Euwallacea velatus* (Samp-

son), *Platypus calamus* Blandford. *Platypus quercivorus* Murayama.

***Quercus griseus***
*Pseudopityophthorus yavapaii* Blackman.

***Quercus grosseserrata***
*Euwallacea validus* (Eichhoff).

***Quercus hondai***
*Platypus calamus* Blandford.

***Quercus hondurensis***
*Monarthrum quercicum* Wood, *Pseudopityophthorus granulifer* Wood, *Pseudopityophthorus pruinosus* (Eichhoff).

***Quercus humboldtii***
*Cnesinus deperditus* Wood, *Cnesinus fulgidus* Wood, *Phloeotribus remorsus* Wood, *Pseudopityophthorus colombianus* Wood.

***Quercus hypoleucoides***
*Corthylus petilus* Wood, *Monarthrum huachucae* Wood, *Pseudopityophthorus granulatus* Blackman, *Pseudopityophthorus pruinosus* (Eichhoff), *Pseudopityophthorus yavapaii* Blackman.

***Quercus ilex***
*Taphrorychus minor* Eggers.

***Quercus incana***
*Carchesiopygus lobacanthus* Schedl, *Crossotarsus fairmairei* Chapuis, *Crossotarsus wilmoti* (Stebbing), *Diapus aculeatus* Blandford, *Diapus quadrispinatus* Chapuis, *Diapus quinquespinatus* Chapuis, *Platypus abruptus* Sampson, *Polygraphus querci* Wood, *Scolytoplatypus pubescens* Hagedorn, *Sphaerotrypes querci* Stebbing.

***Quercus jordanae***
*Xyleborus rufus* Schedl.

***Quercus kelloggii***
*Monarthrum scutellare* (LeConte), *Pseudopityophthorus agrifoliae* Blackman, *Pseudopityophthorus pubipennis* (LeConte).

***Quercus lamellosa***
*Ambrosiodmus apicalis* (Blandford), *Arixyleborus moestus* (Eggers), *Diapus minor* Schedl, *Diapus molossus* Chapuis, *Diapus quadrispinatus* Chapuis, *Diapus quinquespinatus* Chapuis, *Diapus spatulifer* Browne, *Indocryphalus intermedius* (Sampson), *Platypus curtatus* Sampson, *Platypus falcatus* Strohmeyer, *Platypus lewisi* Blandford, *Platypus quadriporus* (Beeson), *Pseudoxylechinus indicus* Wood, *Scolytoplatypus darjeelingi* Stebbing, *Xyleborus improbus* Sampson, *Xyleborus inarmatus* Eggers, *Xylechinus darjeelingensis* Schedl.

***Quercus lanuginosa***
*Taphrorychus hewetti* (Stebbing).

***Quercus lineata***
*Platypus quadriporus* (Beeson).

***Quercus marylandica***
*Pseudopityophthorus pruinosus* (Eichhoff), *Trischidias atomus* (Hopkins).

***Quercus mirbeckii***
*Taphrorychus villifrons* (Dufour).

***Quercus mongolica***
*Platypus quercivorus* Murayama, *Xyleborus atratus* Eichhoff, *Xyleborus laetus* Niisima, *Xyleborus punctulatus* Kurenzov, *Xyleborus starki* Nunberg.

***Quercus mongolica grosseserrata***
*Crossotarsus niponicus* Blandford, *Platypus calamus* Blandford, *Platypus lewisi* Blandford, *Platypus modestus* Blandford, *Platypus quercivorus* Murayama, *Xyleborus aquilus* Blandford.

***Quercus myrsinaefolia***
*Acanthotomicus spinosus* Blandford, *Ambrosiodmus rubricollis* (Eichhoff), *Crossotarsus niponicus* Blandford, *Platypus calamus* Blandford, *Platypus quercivorus* Murayama, *Sphaerotrypes pila* Blandford, *Xyleborus japonicus* Nobuchi, *Xyleborus nameranus* Murayama, *Xylosandrus compactus* (Eichhoff).

***Quercus nigra***
*Pseudopityophthorus asperulus* (LeConte), *Pseudopityophthorus pruinosus* (Eichhoff).

***Quercus pedunculata***
*Taphrorychus villifrons* (Dufour).

***Quercus phellos***
*Xyleborus ferrugineus* (Fabricius).

***Quercus phillyraeoides***
*Xyleborus misatoensis* Nobuchi, *Xyleborus wakayamensis* Nobuchi.

***Quercus pubescens***
*Taphrorychus villifrons* (Dufour).

***Quercus robur***
*Platypus mutatus* Chapuis, *Taphrorychus villifrons* (Dufour).

***Quercus rubra***
*Monarthrum fasciatum* (Say), *Monarthrum mali* (Fitch), *Pseudopityophthorus asperulus* (LeConte), *Pseudopityophthorus pubescens* Blackman.

***Quercus salicina***
*Crossotarsus niponicus* Blandford, *Platypus calamus* Blandford, *Platypus quercivorus* Murayama.

***Quercus sapotaefolia***
*Micracis lignicolus* Wood, *Pseudopityophthorus granulifer* Wood.

***Quercus semicarpifolia***
*Crossotarsus fairmairei* Chapuis, *Diapus aculeatus* Blandford, *Diapus molossus* Chapuis, *Genyocerus furtivus* (Sampson), *Scolytus querci* Yin & Huang, *Sphaerotrypes querci* Stebbing, *Taphrorychus hewetti* (Stebbing).

***Quercus serrata***
*Diapus quinquespinatus* Chapuis, *Platypus calamus* Blandford, *Platypus koryoensis* (Murayama), *Platypus lewisi* Blandford, *Platypus quercivorus* Murayama, *Xyleborus atratus* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky).

***Quercus sessilifolia***
*Platypus calamus* Blandford, *Platypus quercivorus* Murayama.

***Quercus sopataefolia***
*Pseudopityophthorus pruinosus* (Eichhoff).

***Quercus spicata***
*Coccotrypes papuanus* (Eggers).

***Quercus* spp.**
*Amasa schlichi* (Stebbing), *Ambrosiodmus apicalis* (Blandford), *Ambrosiodmus dexexus* (Schedl), *Ambrosiodmus ferus* (Wood), *Ambrosiodmus funebris* (Schedl), *Ambrosiodmus lewisi* (Blandford), *Ambrosiodmus rubricollis* (Eichhoff), *Amphicranus rameus* Wood, *Amphicranus splendens* Wood, *Chramesus dentatus* Schaeffer, *Cnesinus elegantis* Wood, *Cnesinus gibbulus* Wood, *Cnesinus porcatus* Blandford, *Cnesinus strigicollis* LeConte, *Corthycyclon 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), *Cyclorhipidion subobtusum* (Schedl), *Diapus pendleburyi* Schedl, *Dryocoetiops coffeae* (Eggers), *Euwallacea xanthopus* (Eichhoff), *Glochinocerus gemellus* Blandford, *Gnathotrichus dentatus* Wood, *Gnathotrichus nimifrons* Wood, *Gnathotrichus obscurus* Wood, *Gnathotrichus pilosus* (LeConte), *Gnathotrichus primus* (Bright), *Gnathotrupes bituberculatus* (Blandford), *Hadrodemius amorphus* (Eggers), *Hylesinus crenatus* (Fabricius), *Hylesinus varius* (Fabricius), *Hylocurus femineus* Wood, *Hylocurus hirtellus* (LeConte), *Hylocurus incomptus* 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), *Leptoxyleborus concisus* (Blandford), *Lymantor coryli* (Perris), *Micracis amplinis* Wood, *Micracis evanescens* Wood, *Micracis incertus* Wood, *Micracis lignator* Blackman, *Micracisella adnata* Wood, *Micracisella knulli* (Blackman), *Micracisella mimetica* Wood, *Micracisella nanula* (LeConte), *Micracisella scitula* Wood, *Microcorthylus vicinus* Wood, *Monarthrum aberrans* Schedl, *Monarthrum bicavum* Wood, *Monarthrum cordatum* (Blandford), *Monarthrum cordicticum* Wood, *Monarthrum dentigerum* (LeConte), *Monarthrum desum* (Wood), *Monarthrum fasciatum* (Say), *Monarthrum gnarum* (Schedl), *Monarthrum laterale* (Eichhoff), *Monarthrum luctuosum* (Blandford), *Monarthrum morsum* Wood, *Monarthrum nevermanni* (Schedl), *Monarthrum pseudoscutellare* (Schedl), *Monarthrum quercicolens* Wood, *Monarthrum quercivorum* Schedl, *Monarthrum quercus* (Wood), *Monarthrum querneum* Wood, *Monarthrum scrobiceps* (Eichhoff), *Monarthrum sulcatum* (Blandford), *Monarthrum vallidum* (Ferrari), *Monarthrum vittatum* (Blandford), *Phloeosinus pulchellus* Blandford, *Phlocotribus 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 eugestus* Wood, *Platypus formosanus* Niisima & Murayama, *Platypus connexus* Wood, *Platypus convexicauda* Schedl, *Platypus cylindrus* (Fabricius), *Platypus jansoni* Chapuis, *Platypus kiushuensis* Murayama, *Platypus marcidus* Blandford, *Platypus otiosus* Schedl, *Platypus platypoides* (Browne), *Platypus quadridentatus* (Olivier), *Platypus quercens* 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 pruinosus* (Eichhoff), *Pseudopityophthorus singularis* Wood, *Pseudopityophthorus squamosus* Bright, *Pseudopityophthorus tenuis* Wood, *Pseudopityophthorus virilis* Wood, *Pseudopityophthorus yavapaii* Blackman, *Pseudothysanoes brunneus* Wood, *Pseudothysanoes costatus* Wood, *Pseudothysanoes lecontei* Blackman, *Pseudothysanoes quercicolens* Wood, *Pseudothysanoes quercinus* (Wood), *Pseudothysanoes querneus* Wood, *Pseudothysanoes securus* Wood, *Pseudothysanoes sedulus* Blackman, *Schedlia vulpinus* (Schedl), *Scolytodes amabilis* Wood, *Scolytodes radiatus* Wood, *Scolytoplatypus daimio* Blandford, *Scolytoplatypus mikado* Blandford, *Scolytoplatypus raja* Blandford, *Scolytoplatypus siomio* Blandford, *Scolytoplatypus tycon* Blandford, *Scolytus intricatus* (Ratzeburg), *Scolytus laevis* Chapuis, *Scolytus pygmaeus* (Fabricius), *Scolytus scolytus* (Fabricius), *Scolytus sulcifrons* Rey, *Sphaerotrypes yunnanensis* Tsai & Yin, *Tesserocerus alternantes* Schedl, *Tesserocerus schmutzenhofer* Schedl, *Thysanoes adonis* Wood, *Thysanoes berchemiae* Blackman, *Thysanoes fimbricornis* LeConte, *Thysanoes lobdelli* Blackman, *Thysanoes pallens* Wood, *Thysanoes subsulcatus* Wood, *Thysanoes xylophagus* Blackman, *Tiarophorus scrutator* (Pandelle), *Trypodendron domesticum* (Linnaeus), *Webbia piscecauda* Browne, *Xyleborinus aemulus* (Wollaston), *Xyleborinus attenuatus* (Blandford), *Xyleborinus exiguus* (Walker), *Xyleborinus gracilicornis* (Schedl), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus adusticollis* (Motschulsky), *Xyleborus affinis* Eichhoff, *Xyleborus armipennis* Schedl, *Xyleborus emarginatus* Eichhoff, *Xyleborus eurygraphus* (Ratzeburg), *Xyleborus excesus* Blandford, *Xyleborus kumamotoensis* Murayama, *Xyleborus monographus* (Fabricius), *Xyleborus obesus* LeConte, *Xyleborus ohnoi* Browne, *Xyleborus okinoseuensis* Murayama, *Xyleborus onoharaensis* Murayama, *Xyleborus perforans* (Wollaston), *Xyleborus pfeili* (Ratzeburg), *Xyleborus quercicola* Eggers, *Xyleborus sciryorensis* Murayama, *Xyleborus seriatus* Blandford, *Xyleborus xylographus* (Say), *Xylosandrus brevis* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus germanus* (Blandford), *Xylosandrus mancus* (Blandford), *Xyloterinus politus* (Say).

***Quercus stenophylla***

*Ambrosiodmus lewisi* (Blandford), *Platypus calamus* Blandford, *Xyleborinus attenuatus* (Blandford), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus kojimai* Murayama, *Xyleborus pelliculosus* Eichhoff, *Xyleborus volvulus* (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***

*Araptus nanulus* Wood.

***Quercus williamsii***

*Micracis lignicolus* Wood.

***Quercus wislizenii***

*Pseudopityophthorus agrifoliae* Blackman.

***Quercus wrayi***

*Cyclorhipidion punctatopilsoum* (Schedl), *Platypus quercinus* Schedl.

***Quintinia spp.***

*Crossotarsus caliginosus* Roberts, *Margadillius magnus* Browne.

***Quisqualis indica***
*Hypothenemus californicus* Hopkins, *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood.

***Radlkofera* spp.**
*Doliopygus bitalei* Schedl, *Doliopygus omissus* Schedl, *Euwallacea xanthopus* (Eichhoff), *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Xyleborus alluaudi* Schaufuss, *Xyleborus amanicus* Hagedorn, *Xyleborus principalis* Eichhoff.

***Randia acuminata***
*Cylindropalpus granulosus* (Schedl).

***Randia anisophylla***
*Amasa versicolor* (Sampson), *Ambrosiodmus rubricollis* (Eichhoff), *Leptoxyleborus concisus* (Blandford).

***Randia congolana***
*Doliopygus serratus* (Strohmeyer), *Hypothenemus perhispidus* (Eggers), *Miocryphalus nitidus* (Schedl), *Xyleborus alluaudi* Schaufuss, *Xylosandrus crassiusculus* (Motschulsky).

***Randia* spp.**
*Pseudothysanoes truncatus* Wood, *Pseudothysanoes vesculus* Wood, *Xyleborinus andrewesi* (Blandford).

***Randia uliginosa***
*Euwallacea andamanensis* (Blandford).

***Rapanea guyanensis***
*Corthylus mexicanus* Schedl.

***Rapanea melanophloeos***
*Xyleborinus aemulus* (Wollaston).

***Rapanea rhododendroides***
*Chaetastus montanus* Schedl.

***Rauwolfia caffra***
*Euwallacea xanthopus* (Eichhoff), *Premnobius minor* Eggers.

***Rauwolfia inebrians***
*Rhopalopselion immaturus* (Schedl).

***Rauwolfia vomitoria***
*Triozastus caliginosus* Roberts.

***Ravensara pervillei***
*Platypus madagascariensis* Chapuis, *Mitosoma odonticeps* Schedl.

***Ravensara polyneura***
*Mitosoma odonticeps* Schedl.

***Ravensara* spp.**
*Euwallacea xanthopus* (Eichhoff), *Hypothenemus abruptus* (Schedl), *Mitosoma obconiceps* Schedl, *Mitosoma truncatipennis* Schedl, *Xyleborinus mitosomipennis* (Schedl), *Xyleborus madagascariensis* Schaufuss, *Xyleborus sakalava* Schedl, *Xylosandrus mancus* (Blandford).

***Rawenala madagascariensis***
*Mitosoma odonticeps* Schedl.

***Rengas* spp.**
*Platypus perbrevis* Browne.

***Retama bovei***
*Phlocotribus peyerimhoffi* (Eggers).

***Retama sphaerocarpa***
*Liparthrum genistae* (Aube), *Phlocotribus rhododactylus* (Marsham).

***Retama* spp.**
*Phlocotribus cristatus* (Fauvel), *Phlocotribus maroccanus* (Guillebeau).

***Reynoldsia tahitensis***
*Xyleborus mumfordi* Beeson.

***Reynosia septentrionalis***
*Hypothenemus hirsutus* (Wood).

***Rhacoma crossopetalum***
*Cryptocarenus seriatus* Eggers.

***Rhamnus betulaefolia***
*Chramesus setosus* Wood.

***Rhamnus capreaefolia***
*Chramesus chapuisi* LeConte.

***Rhamnus cathartica***
*Lymantor coryli* (Perris).

***Rhamnus frangula***
*Lymantor coryli* (Perris).

***Rhamnus lanceolata***
*Hypothenemus dissimilis* (Zimmermann), *Hypothenemus rotundicollis* (Eichhoff).

***Rhamnus* spp.**
*Hylocurus hirtellus* (LeConte), *Hypothenemus seriatus* (Eichhoff), *Hypothenemus sparsus* Hopkins.

***Rheedia edulis***
*Camptocerus auricomus* Blandford, *Micracis carinulus* Wood, *Microborus boops* Blandford, *Phrixosoma minor* Wood, *Phrixosoma rude* Blandford, *Pityophthorus galeritus* Wood, *Pityophthorus strictus* Wood.

***Rheedia madruno***
*Phrixosoma crebra* Wood, *Phrixosoma frustrata* Wood, *Phrixosoma obesa* Blackman, *Phrixosoma viriosa* Wood, *Taurodemus bicornutus* (Wood), *Xyleborus schildi* Schedl.

***Rheedia* spp.**
*Hypothenemus javanus* (Eggers).

***Rhizophora apiculata***
*Crossotarsus externedentatus* (Fairmaire), *Platypus pseudocupulatus* Schedl, *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston).

***Rhizophora mangle***
*Coccotrypes rhizophorae* (Hopkins), *Hypothenemus birmanus* (Eichhoff), *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus javanus* (Eggers), *Micracisella nanula* (LeConte), *Thysanoes pallens* Wood, *Trischidias atomus* (Hopkins), *Trischidias minutissima* Wood, *Xyleborus productus* Hagedorn.

***Rhizophora mucronata***
*Coccotrypes litoralis* (Beeson), *Coccotrypes rhizophorae* (Hopkins), *Ernoporus inermis* (Schedl), *Platypus forficula* Chapuis, *Platypus insularis* Strohmeyer, *Xyleborus bidentatus* (Motschulsky), *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

***Rhizophora* spp.**
*Coccotrypes fallax* (Eggers), *Cryphalus negrosensis* Browne, *Premnobius cavipennis* Eichhoff, *Xylosandrus compactus* (Eichhoff).

***Rhodamnia trinervia***
*Amasa versicolor* (Sampson), *Arixyleborus scabripennis* (Blandford), *Eccoptopterus limbus* Sampson, *Hadrodemius comans* (Sampson), *Xyleborus approximatus* Schedl, *Xyleborus minutus* Blandford.

***Rhodobaena bakeriana***
*Mitosoma obconiceps* Schedl, *Mitosoma obliquatum* Schedl, *Mitosoma paulianum* Schedl.

***Rhododendron* spp.**
*Corthylus punctatissimus* (Zimmermann), *Hypothenemus interstitialis* (Hopkins).

***Rhoicissus erythrodes***
*Euwallacea xanthopus* (Eichhoff), *Xyleborus principalis* Eichhoff.

***Rhus ambigua***
*Xyleborus seriatus* Blandford.

***Rhus aromatica***
*Hypothenemus distinctus* Wood, *Pityophthorus hylocuroides* 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), *Lanurgus rhusi* Schedl.

***Rhus laurina***
*Chaetophloeus hystrix* (LeConte), *Stenoclyptus sulcatus* (Bruck).

***Rhus microphylla***
*Chaetophloeus penicillatus* (Bruck).

***Rhus mucronata***
*Xyleborinus aemulus* (Wollaston).

***Rhus ovata***
*Chaetophloeus hystrix* (LeConte), *Chaetophloeus penicillatus* (Bruck).

***Rhus radicans***
*Pityophthorus lautus* Eichhoff.

***Rhus* spp.**
*Acanthotomicus bidentatus* (Schedl), *Ambrosiodmus rubricollis* (Eichhoff), *Ambrosiodmus 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, *Thysanoes inornatus* Wood, *Xyleborinus saxeseni* (Ratzeburg).

***Rhus succedanea***
*Sueus niisimai* (Eggers).

***Rhus sylvestris***
*Ambrosiodmus lewisi* (Blandford), *Lymantor kabei* Murayama.

***Rhus taitensis***
*Playtpus 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***
*Lymantor 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 lefevrei* Schedl, *Platypus hintzi* Schaufuss, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius).

***Ricinodendron heudelotii***
*Ambrosiodmus ovatus* (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, *Periommatus excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus picinus* Schedl, *Platypus solutus* Schedl, *Premnobius nodulosus* Hagedorn, *Trachyostus aterrimus* (Schaufuss), *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus subtuberculatus* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Ricinus communis***
*Acanthotomicus tanganyikaensis* (Schedl), *Euwallacea fornicatus* (Eichhoff), *Euwallacea xanthopus* (Eichhoff), *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Pityophthorus kivuensis* Schedl, *Theoborus ricini* (Eggers), *Xyleborus principalis* Eichhoff, *Xyleborus volvulus* (Fabricius).

***Ricinus* spp.**
*Euwallacea fornicatus* (Eichhoff).

***Rinorea* spp.**
*Dactylipalpus grouvellei* (Blandford).

***Rinorea welwitschii***
*Doliopygus subditivus* (Schedl), *Xyleborus piceus* (Motschulsky).

***Ritchiea apprevaliana***
*Euwallacea xanthopus* (Eichhoff), *Xyleborus ambasipennis* 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 orethopetala***
*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 furvus* Wood.

***Rubus* spp.**
*Cnesinus elegans* Blandford, *Cnesinus fulgens* Wood, *Cnesinus lucaris* Wood, *Corthylocurus mexicanus* (Schedl), *Corthylus additus* Wood, *Cryphalus balanopselaphus* Eggers, *Hypothenemus erectus* LeConte,

*Micracisella nitidula* Wood, *Tricolus aciculatus* Wood, *Xylosandrus compactus* (Eichhoff).

***Rudgea amazonica***
*Xyleborus spinulosus* Blandford.

***Rumex* spp.**
*Cyrtogenius multungensis* (Schedl).

***Sabal bermudana***
*Coccotrypes dactyliperda* (Fabricius).

***Sabal palmetto***
*Coccotrypes carpophagus* (Hornung).

***Sabia parviflora***
*Hypothenemus seriatus* (Eichhoff).

***Sabina chinensis***
*Phlocosinus hopehi* Schedl, *Phlocosinus perlatus* Chapuis, *Phlocosinus shensi* Tsai & Yin.

***Saccharum officinarum***
*Xyleborus affinis* Eichhoff, *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky).

***Saccharum spontaneum***
*Hypothenemus bauhaniae* Schedl, *Hypothenemus eruditus* Westwood, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston), *Xyleborus volvulus* (Fabricius).

***Sacoglothia procera***
*Phelloterus anaxeus* Wood, *Platypus nudatus* Wood, *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius).

***Sacoglothia* spp.**
*Phelloterus atrocis* Wood.

***Sagraea elliptica***
*Crossotarsus andamanus* Beeson.

***Sagraea laurina***
*Xylosandrus crassiusculus* (Motschulsky).

***Sahaje jahara***
*Sphaerotrypes bengalensis* Wood.

***Salacia erecta***
*Miniocurus kikusae* (Schedl), *Miniocurus 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***
*Trischidias atomus* (Hopkins).

***Salix sachalinensis***
*Trypophloeus dejevi* Stark.

***Salix scouleriana***
*Procryphalus utahensis* Hopkins, *Trypophloeus striatulus* (Mannerheim).

***Salix silesiaca***
*Trypophloeus rybinskii* Reitter.

***Salix* spp.**
*Ambrosiodmus lewisi* (Blandford), *Corthylus mexicanus* Schedl, *Cryphalus exiguus* Blandford, *Hylocurus hirtellus* (LeConte), *Hylocurus microcornis* Wood, *Hypothenemus columbi* Hopkins, *Hypothenemus seriatus* (Eichhoff), *Lymantor alaskanus* Wood, *Lymantor decipiens* (LeConte), *Micracis carinulatus* Wood, *Micracis detentus* Wood, *Micracis swainei* Blackman, *Micracis tribulatus* Wood, *Micracisella knulli* (Blackman), *Microcorthylus vicinus* Wood, *Procryphalus utahensis* Hopkins, *Scolytus schevyrewi* Semenov, *Scolytus scolytus* (Fabricius), *Taphroryelus machnovskii* (Sokanovskii), *Trypophloeus binodulus* (Ratzeburg), *Trypophloeus niger* Stark, *Trypophloeus salicis* Hopkins.

***Salix tetrasperma***
*Scolytoplatypus minimus* Hagedorn, *Xyleborus haberkorni* Eggers.

***Salmalia insignis***
*Euwallacea andamanensis* (Blandford), *Euwallacea interjectus* (Blandford), *Platypus indicus* Strohmeyer, *Platypus quadrifissilis* Schedl, *Xyleborus cognatus* Blandford.

***Salmalia malabarica***
*Ambrosiodmus minor* (Stebbing), *Crossotarsus minax* (Walker), *Euwallacea andamanensis* (Blandford), *Euwallacea fornicatus* (Eichhoff), *Euwallacea interjectus* (Blandford), *Platypus cavus* Strohmeyer, *Platypus indicus* Strohmeyer, *Platypus latifinis* Walker, *Platypus solidus* Walker, *Platypus uncinatus* Blandford.

***Samanea saman***
*Doliopygus chapuisi* (Duvivier), *Hypothenemus eruditus* Westwood, *Platypus suffodiens* Sampson, *Xyleborus perforans* (Wollaston), *Xyleborinus andrewesi* (Blandford), *Xyleborinus exiguus* (Walker), *Xyleborus spinulosus* Blandford.

***Samanea* spp.**
*Euwallacea 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 pruinosum* (Blandford).

***Santiria* spp.**
*Crossotarsus eliens* (Schedl).

***Santiria trimera***
*Chaetastus montanus* Schedl, *Doliopygus santiriae* Roberts, *Platypus santiriae* Roberts, *Triozastus caliginosus* Roberts.

***Sapindus oahuensis***
*Xyleborus lanaiensis* Perkins.

***Sapium baccatum***
*Platypus lunatipennis* Schedl, *Platypus westwoodi* Chapuis.

***Sapium biloculare***
*Cnemonyx confinis* (Wood).

***Sapium ellipticum***
*Xyleborus scobinatus* Hagedorn.

***Sapium eugeniaefolium***
*Crossotarsus bonvouloiri* Chapuis, *Euwallacea andamanensis* (Blandford), *Euwallacea sibsagarieus* (Eggers), *Euwallacea tristis* (Eggers), *Euwallacea wallacei* (Blandford), *Xyleborinus subgranulatus* (Eggers).

***Sapium guineense***
*Xyleborus volvulus* (Fabricius).

***Sapium mannianum***
*Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus serratus* (Strohmeyer), *Pityophthorus kiwuensis* Schedl, *Platypus solutus* Schedl, *Xyleborus affinis* Eichhoff, *Xyleborus principalis* Eichhoff.

***Sapium* spp.**
*Chaetastus tuberculatus* (Chapuis).

***Sapium thelocarpum***
*Scolytodes pumilus* Wood.

***Sapota gonocarpa***
*Dendrocranulus brasiliensis* (Schedl).

***Saraca indica***
*Cryptocarenus diadematus* Eggers.

***Saraca* spp.**
*Euwallacea andamanensis* (Blandford), *Leptoxyleborus concisus* (Blandford), *Platypus pseudocupulatus* Schedl.

***Sarcocephalus cordatus***
*Diapus quinquespinatus* Chapuis, *Euwallacea 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 sexspinosus* Eggers, *Xyleborus alluaudi* Schaufuss, *Xyleborus nitidulus* Eggers.

***Sarcocephalus trillesii***
*Cylindropalpus laudatus* (Schedl), *Doliopygus conradti* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquierei* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus serratus* (Strohmeyer), *Doliopygus tenuis* (Strohmeyer), *Doliopygus unicornis* Schedl, *Hypothenemus eruditus* Westwood, *Periommatus longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus volvulus* (Fabricius).

***Sarcostemma clausum***
*Araptus dentifrons* Wood.

***Sarothamnus scoparius***
*Phloeotribus rhododactylus* (Marsham).

***Sassafras albidum***
*Xyleborus sayi* (Hopkins).

***Sassafras* spp.**
*Corthylus punctatissimus* (Zimmermann).

***Saurauia pentapetala***
*Hadrodemius comans* (Sampson).

***Scaevola frutescens***
*Scolytogenes nubilus* (Wood).

***Scaphium affine***
*Crossotarsus wallacei* (Thomson), *Euwallacea fornicatus* (Eichhoff), *Platypus geminatus* Chapuis, *Platypus insularis* Strohmeyer, *Platypus quadrifissilis* Schedl.

***Scaphium* spp.**
*Amasa striatotruncatus* (Schedl), *Coptodryas mugax* (Schedl), *Crossotarsus terminatus* Chapuis, *Cyclorhipidion agnatum* (Eggers), *Leptoxyleborus concisus* (Blandford), *Platypus westwoodi* Chapuis.

***Schefflera aromatica***
*Cryphalus tenuis* Schedl.

***Schefflera manni***
*Triozastus caliginosus* Roberts.

***Schima cordatus***
*Platypus vethi* Strohmeyer.

***Schima noronhae***
*Crossotarsus edentatus* Beeson, *Platypus biumens* Blandford, *Platypus cavus* 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 cavus* Strohmeyer, *Platypus indicus* Strohmeyer, *Platypus solidus* Walker, *Xyleborus schoreae* (Stebbing).

***Schinus* spp.**
*Euwallacea fornicatus* (Eichhoff), *Xylosandrus compactus* (Eichhoff).

***Schizolobium excelsum***
*Chaetastus tuberculatus* (Chapuis).

***Schizolobium* spp.**
*Xyleborus affinis* Eichhoff.

***Schizomeria* spp.**
*Platypus concentriporus* Roberts, *Platypus valdephlebius* Roberts.

***Schleichera oleosa***
*Diapus molossus* Chapuis, *Euwallacea andamanensis* (Blandford), *Euwallacea fornicatus* (Eichhoff), *Platypus solidus* Walker, *Xylosandrus morigerus* (Blandford).

***Schleichera trijuga***
*Hypothenemus crudiae* (Panzer), *Platypus solidus* Walker, *Xyleborus perforans* (Wollaston).

***Schotia latifolia***
*Xyleborinus acmulus* (Wollaston).

***Schoutenia accrescens***
*Amasa versicolor* (Sampson), *Crossotarsus squamulatus* Chapuis, *Crossotarsus wallacei* (Thomson).

***Schoutenia mastersii***
*Crossotarsus siporanus* Schedl.

***Schoutenia ovata***
*Hypothenemus eruditus* Westwood.

***Sclerocarya biffra***
*Ambrosiodmus eichhoffi* (Schreiner).

***Sclerocarya birrea***
*Xyleborinus sclerocaryae* (Schedl).

***Sclerocarya caffra***
*Xyleborinus sclerocaryae* (Schedl).

***Sclerocarya* spp.**
*Ambrosiodmus eichhoffi* (Schreiner).

***Sclerosperma mannii***
*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 granulosus* (Schedl), *Cylindropalpus laudatus* (Schedl), *Dactylipalpus camerunus* Hagedorn, *Doliopygus chapuisi* (Duvivier), *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus donisi* Schedl, *Doliopygus divaricus* (Schedl), *Doliopygus donisi* Schedl, *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquierei* (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 eruditus* Westwood, *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Periommatus inermis* Strohmeyer, *Periommatus longicollis* Chapuis, *Periommatus similis* Strohmeyer, *Periommatus subrobustus* Schedl, *Platypus hintzi* 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 alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xyleborus katangensis* Eggers, *Xyleborus piceus* (Motschulsky), *Xyleborus ustus* Schedl, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Scottellia coriacea***
*Doliopygus obuduensis* Roberts.

***Scutia commersonii***
*Hypothenemus scutiae* (Schedl).

***Scutia myrtina***
*Hypothenemus marshalli* (Eggers), *Hypothenemus morigerus* (Schedl).

***Seaforthia* spp.**
*Coccotrypes dactyliperda* (Fabricius).

***Sechium edule***
*Cnesinus 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***
*Amasa versicolor* (Sampson), *Crossotarsus minax* (Walker), *Crossotarsus terminatus* Chapuis.

***Semecarpus heterophylla***
*Platypus biuncus* Blandford, *Platypus solidus* Walker.

***Semecarpus merrillana***
*Xyleborus similis* Ferrari.

***Semecarpus* spp.**
*Diapus quinquespinatus* Chapuis.

***Senecio erechthitoides***
*Xyleborinus forficuloides* (Schedl).

***Senecio erioneuron***
*Mimiocurus ruwenzoriensis* (Schedl).

***Senecio* spp.**
*Pityophthorus paulus* Wood, *Thamnurgus seneccionis* Schedl, *Thamnurgus wittei* Eggers.

***Sequoia gigantea***
*Phlocosinus punctatus* LeConte.

***Sequoia sempervirens***
*Cryphalus pubescens* Hopkins, *Phlocosinus cupressi* Hopkins, *Phlocosinus punctatus* LeConte, *Phlocosinus sequoiae* Hopkins.

***Sequoia* spp.**
*Phlocosinus bicolor* (Brulle), *Phlocosinus thujae* (Perris).

***Sericolea* spp.**
*Diapus bilunatus* Schedl.

***Serjania mexicana***
*Cnesinus setulosus* Blandford, *Stegomerus vulgaris* Wood.

***Serjania racemosa***
*Hypothenemus crudiae* (Panzer), *Micracisella serjaniae* Wood.

***Serjania* spp.**
*Bothrosternus foveatus* (Blackman), *Bothrosternus hirsutus* Wood, *Bothrosternus truncatus* Eichhoff, *Cnesinus degener* Wood, *Cnesinus elegans* Blandford, *Cnesinus gracilis* Blandford, *Cnesinus retifer* Wood, *Cnesinus squamosus* Wood, *Corthylocurus debilis* Wood, *Cryptocarenus diadematus* Eggers, *Cryptocarenus lepidus* Wood, *Eupagiocerus ater* Eggers, *Hypothenemus brunneus* (Hopkins), *Hypothenemus columbi* Hopkins, *Hypothenemus erectus* LeConte, *Hypothenemus indigens* Wood, *Hypothenemus interstitialis* (Hopkins), *Hypothenemus plumeriae* (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, *Microcorthylus minimus* Schedl, *Scolytogenes knabi* (Hopkins), *Stegomerus mexicanus* Wood, *Stegomerus vulgaris* Wood, *Tricolus badius* Wood, *Xylosandrus curtulus* (Eichhoff).

***Serjania triquetra***
*Phloeotribus opimus* Wood, *Stegomerus vulgaris* Wood.

***Sesbania* spp.**
*Euwallacea xanthopus* (Eichhoff), *Xyleborus alluaudi* Schaufuss, *Xyleborus principalis* Eichhoff.

***Seyara* spp.**
*Platypus agnatus* Schedl.

***Shiia sieboldii***
*Xyleborus pelliculosus* Eichhoff, *Xyleborus volvulus* (Fabricius).

***Shiia* spp.**
*Leptoxyleborus concisus* (Blandford).

***Shorea acuminata***
*Cnestus aterrimus* (Eggers), *Dendroplatypus impar* (Schedl), *Dryocoetiops nitidus* (Schedl), *Xyleborus bidentatus* (Motschulsky), *Xyleborus volvulus* (Fabricius).

***Shorea assamica***
*Diapus quinquespinatus* Chapuis, *Euwallacea andamanensis* (Blandford), *Euwallacea interjectus* (Blandford), *Genyocerus diaphanus* (Schedl), *Platypus bisignatus* Schedl, *Platypus shoreanus* (Beeson), *Sphaerotrypes siwalikensis* Stebbing, *Xyleborus perforans* (Wollaston).

***Shorea balanocarpoides***
*Arixyleborus minor* (Eggers), *Arixyleborus suturalis* (Eggers), *Webbia quattuordecimspinatus* Sampson, *Xyleborus ciliatoformis* Schedl, *Xyleborus latus* Eggers.

***Shorea bentongensis***
*Diapus quinquespinatus* Chapuis, *Platypus bifurcus* (Schedl), *Platypus curtus* Chapuis, *Platypus lumifer* Schedl.

***Shorea bracteolata***
*Cnestus bicornis* (Eggers), *Cyclorhipidion agnatum* (Eggers), *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Genyocerus quadriporus* (Schedl), *Genyocerus serratus* (Schedl), *Hadrodemius comans* (Sampson), *Platypus bifurcus* (Schedl), *Platypus insularis* Strohmeyer, *Platypus shoreanus* (Beeson), *Webbia bicornis* (Schedl), *Xyleborus perforans* (Wollaston), *Xylosandrus ater* (Eggers), *Xylosandrus gravidus* (Blandford), *Xylosandrus mancus* (Blandford).

***Shorea curtisii***
*Amasa versicolor* (Sampson), *Coptodryas confusa* (Hopkins), *Coptodryas nugax* (Schedl), *Coptodryas perparva* (Sampson), *Cryptoxyleborus subnaevus* Schedl, *Dendroplatypus impar* (Schedl), *Webbia bituberculatus* Browne, *Webbia duodecimspinatus* Schedl, *Xyleborus minutus* Blandford, *Xylosandrus crassiusculus* (Motschulsky).

***Shorea dasyphylla***
*Dendroplatypus impar* (Schedl), *Platypus bifurcus* (Schedl), *Xylosandrus mediocris* (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***
*Amasa versicolor* (Sampson), *Amasa striatotruncatus* (Schedl), *Arixyleborus granulifer* (Eggers), *Arixyleborus leprosulus* Schedl, *Arixyleborus minor* (Eggers), *Arixyleborus scabripennis* (Blandford), *Arixyleborus suturalis* (Eggers), *Baiocis pernanulus* (Schedl), *Cnestus bicornis* (Eggers), *Coccotrypes suberibrosus* (Blandford), *Coptodryas abbreviata* (Schedl), *Coptodryas corporaali* (Eggers), *Coptodryas curvidentis* (Schedl), *Coptodryas nugax* (Schedl), *Coptodryas undulata* (Sampson), *Crossotarsus brownei* Schedl, *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus squamulatus* Chapuis, *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Cryptoxyleborus confusus* Browne, *Cryptoxyleborus opacicaudulus* Schedl, *Cyclorhipidion agnatum* (Eggers), *Cyclorhipidion armaticeps* (Schedl), *Cyclorhipidion foersteri* (Hagedorn), *Dendroplatypus impar* (Schedl), *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Eccoptopterus gracilipes* (Eichhoff), *Eccoptopterus limbus* Sampson, *Eccoptopterus spinosus* (Olivier), *Euwallacea xanthopus* (Eichhoff), *Ficicis javanus* (Eggers), *Genyocerus biporus* (Schedl), *Genyocerus diaphanus* (Schedl), *Genyocerus laticollis* (Browne), *Genyocerus philippinensis* (Schedl), *Genyocerus serratus* (Schedl), *Hadrodemius comans* (Sampson), *Hypothenemus cuneolus* (Schedl), *Hypothenemus eruditus* Westwood, *Leptoxyleborus concisus* (Blandford), *Platypus bifurcus* (Schedl), *Platypus bilopennis* Schedl, *Platypus cupulatus* Chapuis, *Platypus curtus* Chapuis, *Platypus forficula* 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), *Sphaerotrypes minutus* Browne, *Taphrodasus percorthylus* (Schedl), *Webbia bifornis* Browne, *Webbia cornutus* Schedl, *Webbia cylindricus* Schedl, *Xyleborinus andrewesi* (Blandford), *Xyleborus apertus* Schedl, *Xyleborus approximatus* Schedl, *Xyleborus emarginatus* Eichhoff, *Xyleborus javanus* Eggers, *Xyleborus kajangensis* 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***
*Amasa versicolor* (Sampson), *Arixyleborus suturalis* (Eggers), *Coptodryas nugax* (Schedl), *Coptodryas perparva* (Sampson), *Cryptoxyleborus opacicaudulus* Schedl, *Cyclorhipidion agnatum* (Eggers), *Dendroplatypus impar* (Schedl), *Genyocerus serratus* (Schedl), *Hypothenemus eruditus* Westwood, *Ptilopodius shoreae* 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 maxwelliana***
*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 duodecimspinatus* Schedl, *Webbia suturalis* Browne, *Xyleborus cylindromorphus* Eggers, *Xyleborus haberkorni* Eggers, *Xyleborus pumilus* Eggers, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus mancus* (Blandford).

***Shorea multiflora***
*Coptodryas confusa* Hopkins.

***Shorea negrosensis***
*Platypus bifurcus* (Schedl).

***Shorea ovalis***
*Amasa versicolor* (Sampson), *Arixyleborus granulifer* (Eggers), *Arixyleborus scabripennis* (Blandford), *Cnestus bicornis* (Eggers), *Crossotarsus externedentatus* (Fairmaire), *Dendroplaytpus impar* (Schedl),

*Leptoxyleborus concisus* (Blandford), *Platypus cupulatus* Chapuis, *Xyleborinus andrewesi* (Blandford), *Xyleborus macropterus* Schedl, *Xylosandrus difficilis* (Eggers).

***Shorea ovata***

*Coptodryas perparva* (Sampson), *Cryptoxyleborus opacicaudulus* Schedl, *Platypus balanocarpus* Schedl, *Xyleborus haberkorni* Eggers, *Xylosandrus mancus* (Blandford).

***Shorea pauciflora***

*Ptilopodius squamosus* Schedl.

***Shorea parvifolia***

*Amasa versicolor* (Sampson), *Arixyleborus scabripennis* (Blandford), *Coptodryas confusa* Hopkins, *Coptodryas quadricostata* (Schedl), *Crossotarsus terminatus* Chapuis, *Cryptoxyleborus nanus* Browne, *Cyclorhipidion sexspinatum* (Schedl), *Dendroplaytpus 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 rufopalliatus* Schedl, *Webbia obtusispinosus* Schedl, *Xyleborus javanus* Eggers, *Xyleborus persimilis* Eggers.

***Shorea pauciflora***

*Dendroplaytpus impar* (Schedl), *Platypus bilobipennis* Schedl, *Platypus curtus* Chapuis, *Platypus pseudocupulatus* Schedl.

***Shorea platycarpa***

*Cryptoxyleborus submacrus* Schedl, *Dendroplaytpus impar* (Schedl).

***Shorea robusta***

*Amasa schlichi* (Stebbing), *Ambrosiodmus minor* (Stebbing), *Coccotrypes carpophagus* (Hornung), *Coccotrypes nubilus* (Blandford), *Coptodryas elegans* (Sampson), *Coptodryas perparva* (Sampson), *Coptodryas recidens* (Sampson), *Coptodryas undulata* (Sampson), *Crossotarsus bouvouloiri* Chapuis, *Crossotarsus externedentatus* (Fairmaire), *Cryptoxyleborus turbinens* (Sampson), *Diapus quinquespinatus* Chapuis, *Eccoptopterus spinosus* (Olivier), *Euwallacea andamanensis* (Blandford), *Euwallacea aplanatus* (Wichmann), *Euwallacea bicolor* (Blandford), *Euwallacea interjectus* (Blandford), *Genyocerus furtivus* (Sampson), *Platypus cavus* Strohmeyer, *Platypus cupulatus* Chapuis, *Platypus curtatus* Sampson, *Platypus curtus* Chapuis, *Platypus perrisi* Chapuis, *Platypus solidus* Walker, *Sphaerotrypes globulus* Blandford, *Sphaerotrypes siwalikensis* Stebbing, *Webbia pabo* Sampson, *Xyleborinus andrewesi* (Blandford), *Xyleborinus artestriatus* (Eichhoff), *Xyleborus glabratus* Eichhoff, *Xyleborus haberkorni* Eggers, *Xyleborus major* (Stebbing), *Xyleborus mucronatulus* Eggers, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus mesuae* (Eggers).

***Shorea rugosa***

*Cyclorhipidion kelantanum* (Schedl), *Xyleborus perforans* (Wollaston), *Xyleborus persimilis* Eggers.

***Shorea scabrida***

*Cyclorhipidion tuberculosissimum* (Eggers).

***Shorea scutulata***

*Ambrosiodmus lantanae* (Eggers), *Xyleborus lateearinatus* Schedl.

***Shorea sericea***

*Platypus curtus* Chapuis, *Xyleborus macropterus* Schedl.

***Shorea sideroxylon***

*Cryphalus substriatus* Schedl.

***Shorea singkawang***

*Dendroplatypus impar* (Schedl), *Diapus pusillimus* Chapuis, *Platypus bifurcus* (Schedl), *Platypus shoreanus* (Beeson).

***Shorea* spp.**

*Amasa schlichi* (Stebbing), *Ambrosiodmus restrictus* (Schedl), *Arixyleborus medius* (Eggers), *Arixyleborus okadai* 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), *Cryptoxyleborus naevus* Schedl, *Cryptoxyleborus nanus* Browne, *Cryptoxyleborus shoreae* Browne, *Cryptoxyleborus submacrus* Schedl, *Cyclorhipidion agnatum* (Eggers), *Diapus pusillimus* Chapuis, *Diapus quinquespinatus* Chapuis, *Eccoptopterus sagittarius* Schedl, *Euwallacea fornicatus* (Eichhoff), *Genyocerus serratus* (Schedl), *Genyocerus sexporus* (Schedl), *Genyocerus shoreae* Browne, *Hadrodemius comans* (Sampson), *Leptoxyleborus concisus* (Blandford), *Leptoxyleborus puer* (Eggers), *Leptoxyleborus scabrior* (Schedl), *Platypus agnatus* Schedl, *Platypus arduus* (Schedl), *Platypus bicaudatus* Browne, *Platypus bifurcus* (Schedl), *Platypus cupulatus* Chapuis, *Platypus curtus* Chapuis, *Platypus decens* Sampson, *Platypus emarginatus* Browne, *Platypus franciai* Browne, *Platypus histrix* (Schedl), *Platypus longicollis* Browne, *Platypus octospinosus* Browne, *Platypus pseudocupulatus* Schedl, *Platypus pumilus* Browne, *Platypus subtruncatus* Browne, *Platypus suzukii* Browne, *Platypus transformis* Schedl, *Platypus uncinatus* Blandford, *Scolytoplatypus parvus* Sampson, *Sphaerotrypes inermis* 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), *Xyleborus abscissus* Browne, *Xyleborus amphicranoides* Hagedorn, *Xyleborus dolosus* Blandford, *Xyleborus excavus* Schedl, *Xyleborus fallax* Eichhoff, *Xyleborus granurus* Browne, *Xyleborus amplexicauda* Hagedorn, *Xyleborus decumanus* Schedl, *Xyleborus javanus* Eggers, *Xyleborus latus* Eggers, *Xyleborus minutus* Blandford, *Xyleborus nigrescens* Browne, *Xyleborus obiensis* Browne, *Xyleborus perforans* (Wollaston), *Xyleborus pseudopilifer* Schedl, *Xyleborus pseudocylindricus* Eggers, *Xyleborus shoreae* (Stebbing), *Xyleborus sichus* Schedl, *Xyleborus trispinatus* Browne, *Xyleborus tuberculosus* Browne, *Xyleborus tunggali* Schedl, *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus difficilis* (Eggers), *Xylosandrus mancus* (Blandford).

***Shorea sumatrana***

*Cnestus bicornioides* (Schedl), *Cnestus bicornis* (Eggers), *Xyleborinus perminutissimus* (Schedl), *Xyleborus javanus* Eggers, *Xylosandrus ater* (Eggers), *Xylosandrus compactus* (Eichhoff), *Xylosandrus mancus* (Blandford).

***Shorea talura***
*Diapus talurae* Stebbing, *Genyocerus furtivus* (Sampson), *Xyleborinus andrewesi* (Blandford).

***Shorea teysmanniana***
*Dendroplatypus impar* (Schedl).

***Shorea uliginosa***
*Arixyleborus scabripennis* (Blandford), *Cyclorhipidion agnatum* (Eggers), *Dendroplatypus impar* (Schedl), *Leptoxyleborus depressus* (Eggers), *Platypus cupulatus* Chapuis, *Platypus curtus* Chapuis, *Tetroplatypus trepanatus* (Chapuis), *Xyleborus apertus* Schedl, *Xyleborus perforans* (Wollaston).

***Sicydum tamnifolium***
*Dendrocranulus consimilis* Wood.

***Sida rhombifolia***
*Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus gossypii* (Hopkins), *Hypothenemus seriatus* (Eichhoff), *Thamnurgus granulicollis* Schedl, *Xylocleptes sidanus* (Schedl).

***Sideroxylon inerme***
*Xyloctonus maculatus* Schedl.

***Sideroxylon longepetiolatum***
*Scolytominus andamanensis* Wood.

***Sideroxylon macranthum***
*Euwallacea bicolor* (Blandford), *Xyleborus piceus* (Motschulsky), *Xyleborus similis* Ferrari.

***Sideroxylon sandwicensis***
*Crossotarsus externedentatus* (Fairmaire).

***Sideroxylon* spp.**
*Chaetastus montanus* Schedl.

***Simaruba amara***
*Xyleborus ferrugineus* (Fabricius).

***Sindora siamensis***
*Acacacis trahax* (Sampson).

***Sindora* spp.**
*Diapus quinquespinatus* Chapuis, *Platypus forficula* Chapuis, *Platypus sindorae* Browne.

***Siparuna guianensis***
*Periocryphalus sobrinus* Wood.

***Siparuna nicaraguensis***
*Corthycyclon aztecum* (Bright), *Corthycyclon tardum* Wood, *Corthylus procerus* Bright, *Corthylus serratus* Wood, *Corthylus villifer* Wood, *Microcorthylus inermis* Wood, *Microcorthylus ocularis* Wood, *Tricolus inornatus* Wood, *Tricolus senex* Schedl.

***Sloanea forbesii***
*Platypus jansoni* Chapuis, *Platypus solidus* Walker.

***Sloanea multiflora***
*Xyleborinus intersetosus* (Blandford), *Xyleborus affinis* Eichhoff, *Xyleborus geayi* Hagedorn.

***Sloanea* spp.**
*Diapus pusillimus* Chapuis, *Xyleborus parcellus* 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, *Cnesinus strigicollis* LeConte, *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood.

***Smithia thymodora***
*Euwallacea xanthopus* (Eichhoff).

***Solanum aculeastrum***
*Coptoborus usagaricus* (Eggers), *Cyrtogenius mulungensis* (Schedl), *Euwallacea xanthopus* (Eichhoff), *Xyleborinus collarti* (Eggers), *Xyleborus piceus* (Motschulsky), *Xyleborus principalis* Eichhoff.

***Solanum flamignii***
*Euwallacea xanthopus* (Eichhoff).

***Solanum* spp.**
*Euwallacea xanthopus* (Eichhoff), *Xylosandrus compactus* (Eichhoff).

***Solanum torvum***
*Corthylus comatus* Blandford, *Corthylus retusus* Wood.

***Sonneratia apelata***
*Platypus maritimus* Schedl, *Xyleborus bidentatus* (Motschulsky).

***Sophora japonica***
*Ambrosiodmus rubricollis* (Eichhoff), *Hypothenemus eruditus* Westwood, *Xylosandrus discolor* (Blandford).

***Sorbus alnifolia***
*Xyleborus dispar* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Sorbus aucuparia***
*Pteleobius kraatzi* (Eichhoff).

***Sorbus commixta***
*Cryphalus malus* Niisima, *Polygraphus nigrielytris* Niisima, *Scolytus ellipticus* Murayama.

***Sorbus* spp.**
*Scolytus mali* (Bechstein), *Scolytus rugulosus* (Muller), *Trypodendron domesticum* (Linnaeus).

***Sorghum saccharatum***
*Hypothenemus eruditus* Westwood.

***Sorindeia lemairei***
*Doliopygus conradti* (Strohmeyer), *Polygraphus tropicus* Eggers, *Xyleborus affinis* Eichhoff, *Xyleborus solutus* Schedl, *Xylosandrus crassiusculus* (Motschulsky).

***Sorocea illicifolia***
*Premnobius cavipennis* Eichhoff.

***Spartium junceum***
*Liparthrum genistae* (Aube), *Phloeotribus cristatus* (Fauvel), *Phloeotribus pseudocristatus* (Pfeffer), *Phloeotribus rhododactylus* (Marsham), *Phloeotribus sharpi* (Guillebeau).

***Spartium scoparium***
*Hylastinus obscurus* (Marsham).

***Spartocystus nubigenus***
*Liparthrum curtum* Wollaston.

***Spathodea campanulata***
*Doliopygus erichsoni* (Chapuis), *Miocryphalus attenuatus* (Eggers).

***Sphaeracula fasciculata***
*Pseudothysanoes bartoni* Bruck.

***Spherostenon* spp.**
*Diapus elongatus* Schedl, *Diapus turgidus* Roberts.

***Spirostachys africana***
*Styracoptinus murex* (Blandford).

***Spirostachys* spp.**
*Scolytogenes spirostachius* (Schedl).

***Spondianthus preussii***
*Chaetastus tuberculatus* (Chapuis), *Diapus quinquespinatus* Chapuis, *Doliopygus dubius* (Sampson), *Hypothenemus morio* (Eggers), *Xyleborus ferrugineus* (Fabricius).

***Spondias dulcis***
*Xyleborus ferrugineus* (Fabricius).

***Spondias mangifera***
*Coccotrypes longior* (Eggers), *Crossotarsus minax* (Walker), *Diapus quinquespinatus* Chapuis, *Euwallacea interjectus* (Blandford), *Platypus forficula* Chapuis, *Platypus indicus* Strohmeyer, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

***Spondias mombin***
*Acanthotomicus analogus* (Wood), *Acanthotomicus fortis* (Wood), *Acanthotomicus ipsiformus* Wood, *Acanthotomicus mimicus* (Schedl), *Corthylocurus aguacatensis* (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 piceus* (Motschulsky), *Xylosandrus laticeps* (Wood).

***Spondias purpurea***
*Corthylocurus barbatus* (Blandford), *Corthylus concisus* Wood, *Corthylus papulans* Eichhoff, *Microcorthylus parvulus* Ferrari, *Monarthrum bifoveatum* Wood, *Monarthrum fimbriaticorne* (Blandford), *Monarthrum lobatum* (Ferrari), *Monarthrum robustum* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus ferrugineus* (Fabricius), *Xyleborus posticus* Eichhoff.

***Spondias* spp.**
*Crossotarsus externedentatus* (Fairmaire), *Euwallacea fornicatus* (Eichhoff), *Platypus jansoni* Chapuis, *Platypus negatus* Schedl, *Xylosandrus compactus* (Eichhoff).

***Stachys sylvatica***
*Thamnurgus kaltenbachi* (Bach).

***Stachytarpheta* spp.**
*Xylosandrus compactus* (Eichhoff).

***Staphylea trifolia***
*Phlocotribus 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 artespinatus* (Schedl), *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus ghesquierei* (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 eruditus* Westwood, *Periommatus excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus parallelus* (Fabricius), *Platypus solutus* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Trachyostus schoutedeni* (Schedl), *Xyleborinus gracilipennis* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus nitidulus* Eggers, *Xyleborus rothkirchi* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Stephegyne diversifolia***
*Ptilopodius stephegynis* Hopkins, *Xyleborus bidentatus* (Motschulsky).

***Sterculia alata***
*Ambrosiodmus funereus* (Lea), *Euwallacea interjectus* (Blandford), *Xyleborinus andrewesi* (Blandford), *Xyleborus cognatus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky).

***Sterculia bequaertii***
*Chaetastus tuberculatus* (Chapuis), *Cylindropalpus laudatus* (Schedl), *Doliopygus expletus* Schedl, *Doliopygus ghesquierei* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatus longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus piceus* (Motschulsky).

***Sterculia campanulata***
*Euwallacea 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***
*Euwallacea sibsagaricus* (Eggers), *Euwallacea tristis* (Eggers), *Euwallacea 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, *Euwallacea 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), *Diapus quinquespinatus* Chapuis, *Doliopygus expletus* Schedl, *Doliopygus rapax* (Sampson), *Periommatus pseudomajor* Schedl, *Platypus orientalis* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus ambasiusculus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

***Sterculia ornata***
*Crossotarsus emorsus* Beeson, *Euwallacea interjectus* (Blandford), *Platypus secretus* Sampson, *Xyleborus perforans* (Wollaston).

***Sterculia pruriens***
*Hypothenemus teretis* Wood.

***Sterculia quinqueloba***
*Doliopygus serratus* (Strohmeyer), *Doliopygus unicornis* Schedl, *Periommatus excisus* Strohmeyer, *Polygraphus bicolor* Eggers, *Xyleborus affinis* Eichhoff, *Xyleborus ambasiusculus* Eggers, *Xyleborus principalis* Eichhoff, *Xyleborus volvulus* (Fabricius).

***Sterculia rhinopetala***
*Cylindropalpus auricomans* (Schaufuss), *Doliopygus brevis* (Strohmeyer), *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus malkini* Schedl, *Doliopygus pseudoserratus* Roberts, *Doliopygus tenuis* (Strohmeyer), *Periommatus excisus* Strohmeyer, *Periommatus longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Trachyostus aterrimus* (Schaufuss), *Triozastus banghaasi* (Schaufuss), *Xyleborinus similans*

(Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus barumbuensis* Eggers.

***Sterculia* spp.**
*Ambrosiodmus tropicus* (Hagedorn), *Arixyleborus medius* (Eggers), *Diapus nanodontus* Roberts, *Diapus nanus* Schedl, *Diapus papuanus* Schedl, *Diapus pusillimus* Chapuis, *Dryocoetoides cristatus* (Fabricius), *Euwallacea fornicatus* (Eichhoff), *Hypothenemus eruditus* Westwood, *Platypus jansoni* Chapuis, *Platypus verchinatus* (Beeson), *Premnobius cavipennis* Eichhoff, *Scolytoplatypus occidentalis* Browne, *Xyleborus piceus* (Motschulsky).

***Sterculia tragacantha***
*Doliopygus conradti* (Strohmeyer), *Xyleborus alluaudi* Schaufuss, *Xyleborus piceus* (Motschulsky).

***Sterculia urceolata***
*Platypus signatus* Chapuis.

***Sterculia villosa***
*Euwallacea interjectus* (Blandford), *Platypus quadrifissilis* 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 suaveolen***
*Scolytogenes indicus* Wood.

***Storckiella* spp.**
*Cryphalus striatus* Browne.

***Straussia* spp.**
*Xyleborus ferrugineus* (Fabricius), *Xyleborus perforans* (Wollaston).

***Streblus elongatus***
*Hadrodemius comans* (Sampson).

***Strombosia glaucescens***
*Chaetastus persimilis* (Schedl), *Chaetastus tuberculatus* (Chapuis), *Cylindropalpus laudatus* (Schedl), *Doliopygus brevis* (Strohmeyer), *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquierei* (Schedl), *Doliopygus lateralis* Schedl, *Doliopygus lebruni* Schedl, *Doliopygus medius* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus propinquus* Schedl, *Doliopygus semipilosus* (Schedl), *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Periommatus longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus intermedius* (Schedl), *Platypus parallelus* (Fabricius), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Strombosia grandifolia***
*Ambrosiodmus ovatus* (Eggers), *Chaetastus tuberculatus* (Chapuis), *Doliopygus lecomtei* Schedl, *Doliopygus maynei* Schedl, *Doliopygus proximus* Schedl, *Xylocleptes sidanus* (Schedl).

***Strombosia javanica***
*Amasa versicolor* (Sampson), *Coptodryas nugax* (Schedl).

***Strombosia pustulata***
*Chaetastus tuberculatus* (Chapuis), *Ctonoxylon spathifer* Schedl, *Doliopygus guineensis* Roberts, *Doliopygus interjectus* Schedl, *Periommatus abruptus* Nunberg, *Triozastus banghaasi* (Schaufuss), *Triozastus elongatus* Schedl, *Xyleborus ambasiusculus* Eggers.

***Strombosia scheffleri***
*Dactylipalpus gouvellei* (Blandford), *Doliopygus bidentatus* (Strohmeyer), *Doliopygus bilobatus* (Schedl), *Doliopygus citri* Schedl, *Doliopygus conradti* (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), *Thamnurgus granulicollis* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Xyleborus ferrugineus* (Fabricius).

***Strombosia* spp.**
*Ambrosiodmus obliquus* (LeConte), *Premnobius nodulosus* Hagedorn, *Tiarophorus decellei* Browne, *Triozastus caliginosus* Roberts.

***Strombosia tetranda***
*Cylindropalpus interpositus* (Schedl), *Doliopygus citri* Schedl.

***Strombosiopsis* spp.**
*Ambrosiodmus tropicus* (Hagedorn).

***Strombosiopsis tetrandra***
*Chaetastus tuberculatus* (Chapuis), *Cylindropalpus auricomans* (Schaufuss), *Dendrochilus strombosiopsis* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus divaricus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus erichsoni* (Chapuis), *Doliopygus ghesquierei* (Schedl), *Doliopygus lebruni* Schedl, *Doliopygus lefevrei* Schedl, *Doliopygus megatoma* Schedl, *Doliopygus minor* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus strombosiopsis* Schedl, *Doliopygus spectabilis* Schedl, *Euwallacea xanthopus* (Eichhoff), *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus intermedius* (Schedl), *Platypus orientalis* (Strohmeyer), *Trachyostus schaufussi* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus piceus* (Motschulsky), *Xyleborus strombosiopsis* Schedl, *Xylosandrus crassiusculus* (Motschulsky).

***Struthanthus deppeanus***
*Chaetophloeus struthanthi* Wood.

***Struthanthus* spp.**
*Cnesinus elegans* Blandford, *Cryptocarenus spatulatus* Wood.

***Struthanthus venetus***
*Chaetophloeus struthanthi* Wood, *Micracisella monadis* Wood, *Pseudothysanoes vallatus* Wood.

***Strychnos decussata***
*Scolytogenes grobleri* (Schedl).

***Strychnos nux-vomica***
*Euwallacea andamanensis* (Blandford).

***Strychnos* spp.**
*Premnobius cavipennis* 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 mancus* (Blandford).

***Styrax formosanum***
*Platypus flectus* Niisima & Murayama, *Platypus formosanus* Niisima & Murayama.

***Styrax japonicum***
*Crossotarsus niponicus* Blandford, *Platypus calamus* Blandford, *Trypodendron pulchellus* (Murayama), *Xyleborus aquilus* Blandford, *Xyleborus atratus* Eichhoff, *Xylosandrus germanus* (Blandford), *Xylosandrus mutilatus* (Blandford).

***Styrax obassia***
*Xylosandrus borealis* Nobuchi, *Xylosandrus brevis* (Eichhoff).

***Sussonia* spp.**
*Lauurgus podocarpi* Schedl.

***Swietenia macrophylla***
*Amasa versicolor* (Sampson), *Arixyleborus suturalis* (Eggers), *Cnestus aterrimus* (Eggers), *Cnestus bicornioides* (Schedl), *Coccotrypes cyperi* (Beeson), *Coptodryas nugax* (Schedl), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus fractus* Sampson, *Crossotarsus minax* (Walker), *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Eccoptopterus limbus* Sampson, *Eccoptopterus sagittarius* Schedl, *Eccoptopterus spinosus* (Olivier), *Hadrodemius comans* (Sampson), *Hadrodemius globus* (Blandford), *Hypothenemus birmanus* (Eichhoff), *Hypothenemus eruditus* Westwood, *Hypothenemus glabripennis* (Hopkins), *Platypus carus* Strohmeyer, *Platypus gerstaeckeri* Chapuis, *Platypus platypoides* (Browne), *Xyleborus approximatus* Schedl, *Xyleborus ferruginens* (Fabricius), *Xyleborus haberkorni* Eggers, *Xyleborus javanus* Eggers, *Xyleborus quadrispinosulus* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus ater* (Eggers), *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus discolor* (Blandford), *Xylosandrus gravidus* (Blandford), *Xylosandrus mancus* (Blandford), *Xylosandrus morigerus* (Blandford), *Xylosandrus mutilatus* (Blandford), *Xylosandrus terminatus* (Eggers).

***Swietenia mahagoni***
*Arixyleborus malayensis* (Schedl), *Cnestus suturalis* (Eggers), *Euwallacea quadraticollis* (Eggers), *Scolytoplatypus cutomoides* Blandford, *Xyleborus affinis* Eichhoff, *Xyleborus haberkorni* Eggers, *Xyleborus metacuneolus* Eggers, *Xylosandrus compactus* (Eichhoff), *Xylosandrus discolor* (Blandford), *Xylosandrus gravidus* (Blandford), *Xylosandrus mancus* (Blandford), *Xylosandrus morigerus* (Blandford).

***Swietenia* spp.**
*Cnestus magnus* Sampson, *Coccotrypes variabilis* (Beeson), *Corthylus minutissimus* Schedl, *Hypothenemus dolosus* Wood, *Scolytodes guyanaensis* (Schedl), *Scolytodes spadix* (Blackman), *Scolytodes swieteniae* (Blackman), *Theoborus ricini* (Eggers), *Xylosandrus compactus* (Eichhoff).

***Swintonia floribunda***
*Coccotrypes cyperi* (Beeson), *Coccotrypes variabilis* (Beeson), *Coccotrypes vulgaris* (Eggers), *Coptodryas perparva* (Sampson), *Platypus cupulatus* Chapuis, *Platypus curtus* Chapuis, *Platypus ovatus* Strohmeyer, *Platypus solidus* Walker, *Xyleborus fallax* Eichhoff.

***Swintonia specifera***
*Eccoptopterus limbus* Sampson, *Platypus ovatus* Strohmeyer, *Xylosandrus crassiusculus* (Motschulsky).

***Syagrus weddeium***
*Coccotrypes dactyliperda* (Fabricius).

***Syderoxylon* spp.**
*Mitosoma odonticeps* Schedl.

***Symingtonia populnea***
*Diapus spatulifer* Browne, *Euwallacea andamanensis* (Blandford).

***Symphonia clusioides***
*Polygraphus amoenus* (Schaufuss).

***Symphonia globulifera***
*Dactylipalpus grouvellei* (Blandford), *Euwallacea 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 madagascariensis* Chapuis, *Xyleborus sakalava* Schedl.

***Symphonia urophylla***
*Polygraphus creber* Schedl.

***Symplocos loha***
*Ambrosiodmus asperatus* (Blandford), *Xylosandrus arquatus* (Sampson).

***Symplocos myrtacea***
*Platypus calamus* Blandford.

***Symplocos prunifolia***
*Xyleborus volvulus* (Fabricius).

***Symplocos* spp.**
*Ambrosiodmus apicalis* (Blandford), *Diamerus curvifer* (Walker), *Leptoxyleborus punctatissimus* (Eichhoff), *Platypus signatus* Chapuis, *Xyleborus cancellatus* Eggers, *Xyleborus emarginatus* Eichhoff, *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (Motschulsky).

***Symplocos theaefolia***
*Crossotarsus machili* Beeson, *Cyclorhipidion hirtum* (Hagedorn), *Diapus spatulifer* Browne, *Euwallacea andamanensis* (Blandford), *Euwallacea wallacei* (Blandford), *Indocryphalus intermedius* (Sampson), *Platypus darjeelingensis* Schedl, *Scolytoplatypus darjeelingi* Stebbing, *Scolytoplatypus raja* Blandford, *Xyleborus eggersi* Beeson, *Xyleborus gravelyi* Wichmann, *Xyleborus hagedornianus* Schedl, *Xyleborus lineatus* Eggers.

***Syncarpia* spp.**
*Xylosandrus compactus* (Eichhoff).

***Synsepalum dulcificum***
*Doliopygus medius* Schedl, *Periommatus longicollis* Chapuis, *Xyleborus affinis* Eichhoff.

***Synsepalum longecuneatum***
*Cylindropalpus interpositus* (Schedl), *Cylindropalpus pumilio* (Schedl), *Doliopygus minor* Schedl, *Hypothenemus concolor* Hagedorn, *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss.

***Synsepalum* spp.**
*Ambrosiodmus tropicus* (Hagedorn), *Cylindropalpus granulosus* (Schedl), *Premnobius cavipennis* Eichhoff.

***Synsepalum subcordatum***
*Chaetastus tuberculatus* (Chapuis), *Cylindropalpus pertinax* (Schedl), *Cylindropalpus pusillus* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus crichsoni* (Chapuis), *Doliopygus lefevrei* Schedl, *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus rapax* (Sampson), *Doliopygus serratus* (Strohmeyer), *Doliopygus subditivus* (Schedl), *Doliopygus tenuis*

(Strohmeyer), *Doliopygus unicornis* Schedl, *Hypothenemus macrolobii* (Eggers), *Hypothenemus solitarius* (Schedl), *Periommatus excisus* Strohmeyer, *Periommatus substriatus* Strohmeyer, *Phrixosoma psaltes* (Hagedorn), *Platypus luntzi* Schaufuss, *Platypus orientalis* (Strohmeyer), *Platypus solutus* Schedl, *Trachyostus schaufussi* (Strohmeyer), *Triozastus marshalli* (Sampson), *Xyleborinus sharpae* (Hopkins), *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus annectens* Schedl, *Xyleborus ferrugineus* (Fabricius), *Xyleborus multispinatus* Eggers, *Xyleborus principalis* Eichhoff, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Syringa robusta***
*Dryocoetes padi* Stark.

***Syringa* spp.**
*Hylesinus toranio* (Danthione).

***Syringa vulgaris***
*Hylesinus crenatus* (Fabricius), *Lymantor coryli* (Perris).

***Syzygium congolense***
*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.**
*Baiocis annularis* (Schedl), *Coptodryas vafra* (Schedl), *Crossotarsus coxalis* Schedl, *Dendrochilus setifer* (Schedl), *Diapus kuperi* Roberts, *Diapus nebulosus* Roberts, *Diapus papuanus* Schedl, *Diapus pusillimus* Chapuis, *Diapus robustus* Schedl, *Diapus spinifer* Schedl, *Diapus turgidus* Roberts, *Glostatus carinifer* Schedl, *Mesoplatypus kitushi* Schedl, *Mesoplatypus quinquecinctus* (Schedl), *Mimiocurus setifer* (Schedl), *Platypus evanidinervius* Roberts & Morimoto, *Platypus giluwei* Roberts, *Platypus gongylodes* Roberts & Morimoto, *Platypus muricatus* Roberts, *Platypus partibilis* Roberts & Morimoto, *Platypus praeteritus* Schedl, *Platypus umbrinus* Roberts, *Platypus uniformis* Schedl, *Scolytoplatypus kivuensis* Schedl, *Xyleborinus syzygii* (Schedl).

***Syzygium stuadtii***
*Cyclorhipidion guineense* (Eggers).

***Tabebuia donell-smithii***
*Xyleborus affinis* Eichhoff.

***Tabebuia* spp.**
*Bothrosternus hirsutus* Wood, *Chramesus parcus* 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.**
*Euwallacea fornicatus* (Eichhoff).

***Tamarix octandra***
*Thamnurgus brylinskyi* Reitter.

***Tamarix* spp.**
*Trypophloeus klimeschi* Eggers.

***Taonabo japonica***
*Crossotarsus rengetensis* Niisima & Murayama.

***Tapirira marchandii***
*Platypus longulus* Chapuis.

***Tarenna incerta***
*Xylosandrus morigerus* (Blandford).

***Tarrietia utilis***
*Doliopygus bidiscoplanus* Roberts, *Doliopygus serratus* (Strohmeyer), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ferrugineus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Taxodium distichum***
*Phlocosinus taxodii taxodii* Blackman, *Xylosandrus germanus* (Blandford).

***Taxodium mucronatum***
*Phlocosinus taxodii taxodiicolens* Wood.

***Taxodium* spp.**
*Xyleborus affinis* Eichhoff.

***Taxus baccata***
*Hylastes ater* (Paykull), *Scolytoplatypus siomio* Blandford.

***Taxus* spp.**
*Phlocosinus perlatus* Chapuis.

***Teclea nobilis***
*Ambrosiodmus albizzianus* (Schedl), *Cyclorhipidion tecleae* (Schedl).

***Teclea* spp.**
*Trachyostus schaufussi* (Strohmeyer), *Xyleborus alluaudi* Schaufuss.

***Tecoma ipe***
*Xyleborus affinis* Eichhoff.

***Tectona grandis***
*Ambrosiodmus minor* (Stebbing), *Chactastus tuberculatus* (Chapuis), *Coccotrypes variabilis* (Beeson), *Crossotarsus emorsus* Beeson, *Crossotarsus minax* (Walker), *Crossotarsus squamulatus* Chapuis, *Diamerus minor* Eggers, *Diapus quinquespinatus* Chapuis, *Eccoptopterus spinosus* (Olivier), *Euwallacea andamanensis* (Blandford), *Euwallacea destruens* (Blandford), *Euwallacea fornicatus* (Eichhoff), *Euwallacea interjectus* (Blandford), *Euwallacea velatus* (Sampson), *Hypothenemus eruditus* Westwood, *Hypothenemus gossypii* (Hopkins), *Hypothenemus seriatus* (Eichhoff), *Leptoxyleborus concisus* (Blandford), *Leptoxyleborus sordicauda* (Motschulsky), *Platypus cupulatus* Chapuis, *Platypus errans* (Sampson), *Platypus jansoni* Chapuis, *Platypus lepidus* Chapuis, *Platypus solidus* Walker, *Xyleborinus andrewesi* (Blandford), *Xyleborus fallax* Eichhoff, *Xyleborus haberkorni* Eggers, *Xyleborus hagedornianus* Schedl, *Xyleborus perforans* (Wollaston), *Xyleborus piceus* (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 eruditus* Westwood, *Platypus biuncus* Blandford, *Platypus cavus* Strohmeyer, *Platypus jansoni* Chapuis.

***Tenstromia* spp.**
*Diapus bilunatus* Schedl.

***Tephrosia candida***
*Euwallacea fornicatus* (Eichhoff), *Xylosandrus discolor* (Blandford).

***Tephrosia maxima***
*Xylosandrus compactus* (Eichhoff), *Xylosandrus morigerus* (Blandford).

***Tephrosia* spp.**
*Hypothenemus eruditus* Westwood, *Xyleborus principalis* Eichhoff, *Xylosandrus morigerus* (Blandford).

***Tephrosia vogelii***
*Cyrtogenius milletiae* (Schedl), *Euwallacea fornicatus* (Eichhoff), *Euwallacea xanthopus* (Eichhoff), *Xyleborus alluaudi* Schaufuss, *Xyleborus piceus* (Motschulsky), *Xyleborus principalis* Eichhoff, *Xylosandrus morigerus* (Blandford).

***Terminalia amazonia***
*Xyleborus affinis* Eichhoff, *Xyleborus volvulus* (Fabricius).

***Terminalia arjuna***
*Crossotarsus minax* (Walker), *Sphaerotrypes globulus* Blandford.

***Terminalia belerica***
*Crossotarsus bonvouloiri* Chapuis, *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus minax* (Walker), *Diapus quinquespinatus* Chapuis, *Eccoptopterus spinosus* (Olivier), *Euwallacea andamanensis* (Blandford), *Euwallacea bicolor* (Blandford), *Euwallacea 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 salakensis* (Schedl), *Coptodryas redicens* (Sampson), *Diapus quinquespinatus* Chapuis, *Euwallacea 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 shorearus* (Beeson).

***Terminalia catappa***
*Euwallacea fornicatus* (Eichhoff), *Platypus cavus* Strohmeyer, *Platypus cupulatus* Chapuis.

***Terminalia chebula***
*Leptoxyleborus sordicauda* (Motschulsky), *Xyleborus perforans* (Wollaston).

***Terminalia citrina***
*Xyleborus perforans* (Wollaston).

***Terminalia complanata***
*Crossotarsus minusculus* Chapuis, *Platypus dibrachiatus* Roberts, *Platypus fenestrallatus* Roberts, *Platypus gabensis* Schedl, *Platypus parallelventrus* Roberts.

***Terminalia conferta***
*Xyleborus piceus* (Motschulsky).

***Terminalia edulis***
*Coptoborus terminaliae* Hopkins, *Cyclorhipidion terminaliae* Hopkins, *Xyleborus affinis* Eichhoff.

***Terminalia guianensis***
*Scolytopsis orinocanus* Wood.

***Terminalia ivorensis***
*Acanthotomicus subimmunitus* (Schedl), *Chaetastus tuberculatus* (Chapuis), *Doliopygus brevis* (Strohmeyer), *Doliopygus chapuisi* (Duvivier), *Doliopygus dubius* (Sampson), *Doliopygus serratus* (Strohmeyer), *Periommatus excisus* Strohmeyer, *Periommatus substriatus* Strohmeyer, *Platypus hintzi* Schaufuss, *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasiusculus* Eggers, *Xyleborus conradti* Hagedorn, *Xyleborus eichhoffianus* Schedl, *Xyleborus piceus* (Motschulsky), *Xyleborus rothkirchi* Eggers, *Xyleborus subtuberculatus* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Terminalia manii***
*Diapus quinquespinatus* Chapuis, *Platypus verchinatus* (Beeson), *Xyleborus perforans* (Wollaston).

***Terminalia mantaly***
*Ambrosiodmus mahafali* (Schedl).

***Terminalia myriocarpa***
*Ambrosiodmus lewisi* (Blandford), *Ambrosiodmus minor* (Stebbing), *Ambrosiodmus rubricollis* (Eichhoff), *Cnestus suturalis* (Eggers), *Coccotrypes cyperi* (Beeson), *Coccotrypes papuanus* (Eggers), *Coccotrypes vulgaris* (Eggers), *Euwallacea interjectus* (Blandford), *Euwallacea velatus* (Sampson), *Hadrodemius metacomans* (Eggers), *Hadrodemius 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 procera***
*Euwallacea 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), *Amphicranus micans* Wood, *Crossotarsus andamanus* Beeson, *Cryphalus terminaliae* Browne, *Cyrtogenius preparvus* Browne, *Diapus turgidus* Roberts, *Eidophelus borneensis* Browne, *Euwallacea interjectus* (Blandford), *Margadillius fulvus* Browne, *Margadillius terminaliae* Browne, *Mitrosoma excisum* Schaufuss, *Platypus madagascariensis* Chapuis, *Platypus parvus* Browne, *Platypus uncinatus* Blandford, *Premnobius cavipennis* Eichhoff, *Taurodemus sharpi sharpi* (Blandford), *Theoborus ricini* (Eggers), *Xyleborinus gracilis* (Eichhoff), *Xyleborus cognatus* Blandford, *Xyleborus glabratulus* 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 camerunus* (Schedl), *Diapus quinquespinatus* 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), *Eccoptopterus spinosus* (Olivier), *Hypothenemus concolor* Hagedorn, *Periommatus angustior* Schedl, *Periommatus excisus* Strohmeyer, *Periommatus 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 ambasinsculus* 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 nubilus* (Blandford), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus minax* (Walker), *Diamerus nigriscosus* Eggers, *Euwallacea andamanensis* (Blandford), *Sphaerotrypes globulus* Blandford, *Platypus forficula* Chapuis, *Platypus solidus* Walker, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus butamali* (Beeson), *Xylosandrus crassiusculus* (Motschulsky).

***Ternstroemia gymnanthera***

*Xyleborus atratus* Eichhoff.

***Ternstroemia japonica***

*Platypus calamus* Blandford.

***Tessmannia africana***

*Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus ghesquierei* (Schedl), *Doliopygus lebruni* 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***

*Euwallacea andamanensis* (Blandford), *Euwallacea interjectus* (Blandford), *Platypus cavus* 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 unicornis* 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).

***Tetrorchidium didymostemon***

*Platypus spinulosus* (Strohmeyer).

***Teucrium pseudoscorodonia***

*Thamnurgus delphinii* (Rosenhauer).

***Teucrium scorodonia***

*Thamnurgus kaltenbachi* (Bach).

***Thalia geniculata***

*Xyleborus ferrugineus* (Fabricius), *Xyleborus ficus* Eggers, *Xylosandrus crassiusculus* (Motschulsky).

***Thea japonica***

*Sphaerotrypes pila* Blandford.

***Thea sinensis***

*Platypus biuncus* Blandford, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky), *Xylosandrus morigerus* (Blandford).

***Theobroma cacao***

*Ambrosiodmus 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 cyperi* (Beeson), *Coptoborus pseudotenuis* (Schedl), *Coptoborus tolimanus* (Eggers), *Coptoborus vespatorius* (Schedl), *Coptodryas nugax* (Schedl), *Corthylocurus tuberculifer* (Eggers), *Corthylus collaris* Blandford, *Corthylus concisus* Wood, *Corthylus papulans* Eichhoff, *Corthylus pygmaeus* Wood, *Corthylus sobrinus* Wood, *Corthylus theobromae* Nunberg, *Crossotarsus minax* (Walker), *Crossotarsus vafer* Schedl, *Cryphalus theobromae* Nunberg, *Cyclorhipidion popondettae* (Browne), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus gracilior* Schedl, *Doliopygus kakaoensis* Schedl, *Doliopygus lefevrei* Schedl, *Dryocoetoides cristatus* (Fabricius), *Dryocoetoides flavus* (Fabricius), *Euwallacea destruens* (Blandford), *Euwallacea fornicatus* (Eichhoff), *Euwallacea interjectus* (Blandford), *Hypothenemus ater* (Eggers), *Hypothenemus atratus* (Schedl), *Hypothenemus concolor* Hagedorn, *Hypothenemus criticus* (Schedl), *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus grandis* Schedl, *Hypothenemus intricatus* (Schedl), *Hypothenemus liberiensis* (Hopkins), *Hypothenemus morio* (Eggers), *Hypothenemus obscurus* (Fabricius), *Hypothenemus perhispidus* (Eggers), *Hypothenemus pubipennis* (Eggers), *Hypothenemus seriatus* (Eichhoff), *Hypothenemus setosus* (Eichhoff), *Hypothenemus solitarius* (Schedl), *Hypothenemus suspectus* Wood, *Hypothenemus teretis* Wood, *Miocryphalus attenuatus* (Eggers), *Monarthrum corculum* Wood, *Monarthrum fimbriaticorne* (Blandford), *Platypus deyrollei* Chapuis, *Platy-*

*pus hintzi* Schaufuss, *Platypus jansoni* Chapuis, *Platypus parallelus* (Fabricius), *Pseudothysanoes atomus* Wood, *Sampsonius dampfi* Schedl, *Scolytogenes samoanus* (Browne), *Taurodemus ebenus* (Wood), *Taurodemus pandulus* (Wood), *Taurodemus perebeae* (Ferrari), *Taurodemus sharpi sharpi* (Blandford), *Taurodemus splendidus* (Schaufuss), *Taurodemus varians* (Fabricius), *Theoborus coartatus* (Sampson), *Theoborus ricini* (Eggers), *Theoborus theobromae* Hopkins, *Theoborus villosulus* (Blandford), *Tricolus saundersi* Wood, *Xyleborinus andrewesi* (Blandford), *Xyleborinus bicornutulus* (Wood), *Xyleborinus gracilis* (Eichhoff), *Xyleborinus intersetosus* (Blandford), *Xyleborinus protinus* (Wood), *Xyleborinus reconditus* (Schedl), *Xyleborinus subsulcatus* (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus africanus* Eggers, *Xyleborus asper* Eggers, *Xyleborus barumbuensis* Eggers, *Xyleborus caribicus* Eggers, *Xyleborus commixtus* Blandford, *Xyleborus ferox* Blandford, *Xyleborus ferrugineus* (Fabricius), *Xyleborus ficus* Eggers, *Xyleborus haberkorni* Eggers, *Xyleborus horridatus* 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 volvulus* (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***
*Ernocladius corpulentus* (Sampson), *Euwallacea andamanensis* (Blandford), *Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff).

***Thevetia nereifolia***
*Hypothenemus eruditus* Westwood.

***Thevetia ovata***
*Liparthrum thevetiae* Wood.

***Thevetia* spp.**
*Liparthrum cracentis* Wood, *Pityophthorus costabilis* Wood, *Pityophthorus costatulus* Wood.

***Thrinax argentia***
*Coccotrypes carpophagus* (Hornung).

***Thujopsis dolobrata***
*Phlocosinus gifuensis* Murayama, *Phlocosinus lewisi* Chapuis, *Phlocosinus rudis* Blandford, *Phlocosinus sannohensis* Murayama, *Xyleborinus saxeseni* (Ratzeburg).

***Thujopsis* spp.**
*Phlocosinus perlatus* Chapuis.

***Thunbergia grandiflora***
*Euwallacea velatus* (Sampson).

***Thuya japonica***
*Phlocosinus rudis* Blandford.

***Thuya occidentalis***
*Hypothenemus eruditus* Westwood, *Phlocosinus canadensis* Swaine, *Phlocosinus dentatus* (Say), *Phlocosinus punctatus* LeConte.

***Thuya orientalis***
*Phlocosinus hopehi* Schedl.

***Thuya plicata***
*Phlocosinus cupressi* Hopkins, *Phlocosinus punctatus* LeConte, *Phlocosinus sequoiae* Hopkins.

***Thuya* spp.**
*Phlocosinus bicolor* (Brulle), *Phlocosinus cristatus* (LeConte), *Phlocosinus henschi* Reitter, *Phlocosinus thujae* (Perris).

***Thuya standishii***
*Xyleborus seriatus* Blandford.

***Tieghmella hecklii***
*Doliopygus bidiscoplanus* Roberts.

***Tilia americana***
*Pseudothysanoes rigidus* (LeConte).

***Tilia amurensis***
*Ernoporus tiliae* (Panzer), *Euwallacea validus* (Eichhoff), *Scolytus koltzei* Reitter, *Xyleborinus alni* (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***
*Ernoporicus caucasicus* (Lindemann), *Ernoporus tiliae* (Panzer), *Hylastinus tiliae* Semenov.

***Tilia mandshurica***
*Scolytus koltzei* Reitter.

***Tilia parvifolia***
*Ernoporicus caucasicus* (Lindemann), *Ernoporus tiliae* (Panzer), *Hylastinus tiliae* Semenov.

***Tilia rubra***
*Ernoporicus caucasicus* (Lindemann).

***Tilia* spp.**
*Hylesinus crenatus* (Fabricius), *Monarthrum mali* (Fitch), *Scolytus laevis* Chapuis, *Trypodendron signatum* (Fabricius), *Xyleborinus saxeseni* (Ratzeburg), *Xyleborus sayi* (Hopkins).

***Tilia tomentosa***
*Ernoporicus caucasicus* (Lindemann).

***Tiliacora acuminata***
*Mimiocurus beesoni* Wood.

***Tococa formicaria***
*Xyleborus parcellus* Wood.

***Toddalia asiatica***
*Euwallacea xanthopus* (Eichhoff), *Xyleborus principalis* Eichhoff.

***Toona calantas***
*Xyleborus haddeni* Schedl.

***Toona sinensis***
*Leptoxyleborus concisus* (Blandford), *Xyleborus haberkorni* Eggers, *Xyleborus piceus* (Motschulsky).

***Toona* spp.**
*Xylosandrus compactus* (Eichhoff).

***Toona sureni***
*Xylosandrus mancus* (Blandford).

***Torrubia longifolia***
*Dendrosinus bourreriae* Schwarz, *Hypothenemus squamosus* (Hopkins).

***Toulicia pulvinata***
*Xyleborus affinis* Eichhoff, *Xyleborus asper* Eggers.

***Tovomita guianensis***
*Hypothenemus opacus* (Eichhoff).

***Toxicodendron* spp.**
*Hypothenemus erectus* LeConte, *Hypothenemus indigens* Wood, *Pityophthorus corruptus* Wood, *Pityophthorus detentus* Wood.

***Toxicodendron trichocarpum***
*Eidophelus imitans* Eichhoff.

***Toxoxylon pomiferum***
*Cnesinus strigicollis* LeConte.

***Trachelospermum asiaticum***
*Scolytogenes scolytominoides* (Nobuchi).

***Trachylobium narrucosum***
*Hypothenemus seriatus* (Eichhoff).

***Trachylobium verrucosum***
*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 javanus* (Eggers), *Hypothenemus seriatus* (Eichhoff).

***Trema guineense***
*Ambrosiodmus aegir* (Eggers), *Cyclorhipidion 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 artegranulatus* (Schedl), *Ambrosiodmus mahafali* (Schedl), *Doliopygus erichsoni* (Chapuis), *Euwallacea xanthopus* (Eichhoff), *Pityophthorus kivuensis* Schedl, *Platypus jansoni* 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 swainei* 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 conradti* (Strohmeyer), *Doliopygus erichsoni* (Chapuis), *Doliopygus interjectus* Schedl, *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus serratus* (Strohmeyer), *Periommatus grandis* Schedl, *Periommatus 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 volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Trichilia lanata***
*Cylindropalpus pertinax* (Schedl), *Doliopygus coelocephalus* (Schaufuss), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus interjectus* Schedl, *Platypus hintzi* Schaufuss, *Premnobius quadrispinosus* Schedl, *Scolytoplatypus eichelbaumi* Hagedorn, *Triozastus banghaasi* (Schaufuss), *Xyleborus affinis* Eichhoff.

***Trichilia prieureana***
*Doliopygus conradti* (Strohmeyer), *Doliopygus ghesquierei* (Schedl), *Doliopygus interjectsu* Schedl, *Doliopygus subditivus* (Schedl), *Hypothenemus eruditus* Westwood, *Triozastus elongatus* Schedl, *Xyleborinus sharpae* (Hopkins), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Trichilia propinqua***
*Cnemonyx vestitus* (Eggers), *Xyleborus affinis* Eichhoff.

***Trichilia rubescens***
*Chaetastus tuberculatus* (Chapuis), *Doliopygus citri* Schedl, *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus lefevrei* 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 conradti* (Strohmeyer), *Doliopygus interjectus* Schedl, *Doliopygus obuduensis* Roberts, *Doliopygus serratus* (Strohmeyer), *Mitosoma obliquatum* Schedl, *Mitosoma odonticeps* Schedl, *Mitosoma truncatipennis* Schedl, *Platypus parallelus* (Fabricius), *Premnobius cavipennis* Eichhoff, *Scolytoplatypus occidentalis* Browne, *Xyleborinus diversus* (Schedl), *Xyleborinus gracilipennis* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus clerodendronae* Schedl, *Xyleborus subtuberculatus* Eggers, *Xyleborus volvulus* (Fabricius).

***Trichilia welwitschii***
*Trachyostus schaufussi* (Strohmeyer).

***Trichoscypha arborea***
*Cyclorhipidion daosi* (Schedl).

***Trichoscypha* spp.**
*Doliopygus chapuisi* (Duvivier), *Doliopygus serratus* (Strohmeyer), *Platypus parallelus* (Fabricius).

***Tricocodendron acuminatum***
*Mitosoma excisum* Schaufuss, *Mitosoma paulianum* Schedl, *Xyleborinus spiculatus* (Schaufuss).

***Tridesmostemon claessensii***
*Chaetastus persimilis* (Schedl), *Cylindropalpus granulosus* (Schedl), *Cylindropalpus pertinax* (Schedl), *Doliopygus dubius* (Sampson), *Doliopygus semipilosus* (Schedl), *Doliopygus tenuis* (Strohmeyer), *Hypothenemus criticus* (Schedl), *Hypothenemus eruditus* Westwood, *Mesoplatypus erinaceus* Schedl, *Platypus impressus* (Strohmeyer), *Premnobius quadrispinosus* Schedl, *Triozastus marshalli* (Sampson), *Xyleborus affinis* Eichhoff, *Xyleborus volvulus* (Fabricius).

***Tridesmostemon* spp.**
*Premnobius cavipennis* Eichhoff.

***Trifolium pratense***
*Hylastinus obscurus* (Marsham).

***Triopteris jamaicensis***
*Hypothenemus eruditus* Westwood.

***Triplochiton scleroxylon***
*Ambrosiodmus neglectus* (Schedl), *Chaetastus tuberculatus* (Chapuis), *Ctonoxylon flavescens* Hagedorn, *Cylindropalpus auricomans* (Schaufuss), *Cylindropalpus camerunus* (Schedl), *Cylindropalpus pumilio* (Schedl), *Cyrtogenius cribripennis* Schedl, *Diamerus 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), *Dryocoetoides cristatus* (Fabricius), *Hypothenemus eruditus* Westwood, *Hypothenemus pubipennis* (Eggers), *Leptoxyleborus scabrior* (Schedl), *Periommatus excisus* Strohmeyer, *Periommatus grandis* Schedl, *Periommatus longicollis* Chapuis, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus parallelus* (Fabricius), *Polygraphus coronatus* Eggers, *Scolytogenes braderi* (Browne), *Trachyostus ghanaensis* 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 piceus* (Motschulsky), *Xyleborus pseudoambasius* Schedl, *Xyleborus subtuberculatus* Eggers, *Xyleborus volvulus* (Fabricius), *Xylosandrus crassiusculus* (Motschulsky).

***Triplochiton* spp.**
*Premnobius cavipennis* Eichhoff.

***Tristania* spp.**
*Amasa opalescens* (Schedl), *Xylosandrus compactus* (Eichhoff).

***Tristania whiteana***
*Xyleborus haberkorni* Eggers, *Xylosandrus mancus* (Blandford).

***Triumfetta* spp.**
*Ambrosiodmus ovatus* (Eggers), *Hypothenemus grandis* Schedl.

***Trochis racemosa***
*Xyleborus macer* 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 wilsoni* 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, *Euwallacea validus* (Eichhoff).

***Tsuga* spp.**
*Cryphalus taiwanus* Schedl, *Gnathotrichus materiarius* (Fitch), *Hylastes nigrinus* (Mannerheim), *Scolytus tsugae* (Swaine), *Xyleborus dispar* (Fabricius), *Xyleborus seriatus* Blandford, *Xyloterinus politus* (Say).

***Tsuga yunnanensis***
*Xyleborinus saxeseni* (Ratzeburg).

***Tulasneana* spp.**
*Euwallacea xanthopus* (Eichhoff).

***Turpinia latifolia***
*Euwallacea destruens* (Blandford).

***Turpinia nepalensis***
*Coccotrypes nubilus* (Blandford), *Xyleborus eggersi* Beeson.

***Turpinia pomifera***
*Amasa nobilis* (Eggers), *Hadrodemius globus* (Blandford), *Xyleborus cancellatus* Eggers, *Xyleborus fallax* Eichhoff, *Xyleborus haberkorni* Eggers.

***Turpinia* spp.**
*Euwallacea andamanensis* (Blandford).

***Turraeanthus africana***
*Chaetastus tuberculatus* (Chapuis), *Coptoborus forficatus* (Schedl), *Cyclorhipidion crucifer* (Hagedorn), *Doliopygus chapuisi* (Duvivier), *Doliopygus conradti* (Strohmeyer), *Doliopygus dubius* (Sampson), *Doliopygus ghesquiercii* (Schedl), *Doliopygus interjectus* Schedl, *Doliopygus medius* Schedl, *Doliopygus rhodesianus* (Schedl), *Doliopygus serratus* (Strohmeyer), *Doliopygus woltschei* Schedl, *Dryocoetoides cristatus* (Fabricius), *Hypothenemus eruditus* Westwood, *Periommatus excisus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus impressus* (Strohmeyer), *Platypus rimulosus* Schedl, *Platypus spinulosus* (Strohmeyer), *Polygraphus granulifer* Eggers, *Premnobius mukunyae* (Schedl), *Premnobius nodulosus* Hagedorn, *Premnobius quadrispinosus* Schedl, *Xyleborinus collarti* (Eggers), *Xyleborinus sharpae* (Hopkins), *Xyleborinus similans* (Eggers), *Xyleborus affinis* Eichhoff, *Xyleborus africanus* Eggers, *Xyleborus alluaudi* Schaufuss, *Xyleborus ambasipennis* Schedl, *Xyleborus ambasiusculus* Eggers, *Xyleborus ferrugineus* (Fabricius), *Xyleborus piceus* (Motschulsky), *Xyleborus tenellus* Schedl, *Xyleborus turraeanthus* Schedl, *Xylosandrus compactus* (Eichhoff), *Xylosandrus crassiusculus* (Motschulsky).

***Turraeanthus* spp.**
*Ambrosiodmus eichhoffi* (Schreiner), *Premnobius cavipennis* Eichhoff.

***Turraeanthus vignei***
*Doliopygus nairobiensis* (Schedl), *Xyleborus affinis* Eichhoff, *Xyleborus alluaudi* Schaufuss, *Xyleborus piceus* (Motschulsky).

***Uapaca* spp.**
*Mitosoma obliquatum* Schedl, *Platypus madagascariensis* Chapuis, *Xyleborinus dentellus* (Schedl).

***Ulex europaeus***
*Hylastinus obscurus* (Marsham), *Phloeotribus rhododactylus* (Marsham).

***Ulmus americana***
*Hylocurus rudis* (LeConte).

***Ulmus campestris***
*Hylesinus elatus* Niisima, *Hyorrhynchus lewisi* Blandford, *Pteleobius kraatzi* (Eichhoff), *Pteleobius vittatus* (Fabricius), *Scolytus chikisanii* Niisima, *Scolytus frontalis* Blandford.

***Ulmus carpinifolia***
*Scolytus chikisanii* Niisima, *Scolytus ecksteini* Butovitsch, *Scolytus jaroschewskii* Schevyrew, *Scolytus ventrosus* Schevyrew, *Scolytus zaitzevi* Butovitsch.

***Ulmus effusa***
*Pteleobius kraatzi* (Eichhoff), *Pteleobius vittatus* (Fabricius).

***Ulmus japonica***
*Hylesinus elatus* Niisima, *Neopteleobius scutulatus* (Blandford), *Scolytus butovitschi* 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 lancifolia***
*Scolytus chelogaster* Schedl, *Scolytus squamosus* Yin & Huang.

***Ulmus montana***
*Ernoporicus caucasicus* (Lindemann), *Pteleobius kraatzi* (Eichhoff), *Pteleobius vittatus* (Fabricius).

***Ulmus propinqua***
*Scolytus butovitschi* Stark, *Scolytus jacobsoni* (Spessivtsev), *Scolytus pubescens* Stark, *Scolytus semenovi* (Spessivtsev), *Scolytus ventrosus* Schevyrew.

***Ulmus pumila***
*Euwallacea validus* (Eichhoff), *Hypothenemus modestus* (Murayama), *Pseudothysanoes mongolica* (Sokanovskii), *Scolytus butovitschi* Stark, *Scolytus parviclaviger* Yin & Huang, *Sphaerotrypes ulmi* Tsai & Yin.

***Ulmus rubra***
*Trischidias atomus* (Hopkins).

***Ulmus* spp.**
*Ambrosiodmus apicalis* (Blandford), *Corthylus columbianus* Hopkins, *Corthylus punctatissimus* (Zimmermann), *Hylocurus langstoni* Blackman, *Hylurgopinus rufipes* (Eichhoff), *Hypothenemus eruditus* Westwood, *Pteleobius kraatzi* (Eichhoff), *Scolytus aratus* Blandford, *Scolytus ensifer* Eichhoff, *Scolytus japonicus* Chapuis, *Scolytus kirschi* Skalitzky, *Scolytus laevis* Chapuis, *Scolytus mali* (Bechstein), *Scolytus multistriatus* (Marsham), *Scolytus pygmaeus* (Fabricius), *Scolytus schevyrewi* Semenov, *Scolytus scolytus* (Fabricius), *Scolytus sulcifrons* Rey, *Scolytus trispinosus* Strohmeyer, *Taphrorychus villifrons* (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).

***Urera* spp.**
*Xyleborinus saxeseni* (Ratzeburg).

***Urophyllum lyallii***
*Xyleborus alluaudi* Schaufuss, *Xylosandrus hirsutipennis* (Schedl).

***Urostigma* spp.**
*Cryphalus walkeri* (Blandford).

***Usambara occidrentalis***
*Periophorus brevicollis* (Strohmeyer).

***Vaccinium consanguineum***
*Corthycyclon aztecum* (Bright), *Corthycyclon tardum* Wood, *Corthylus subserratus* Wood.

***Vaccinium* spp.**
*Corthylus punctatissimus* (Zimmermann).

***Vachellia farnesiana***
*Hypothenemus brunneus* (Hopkins).

***Valeriana scandens***
*Cnesinus 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 mancus* (Blandford).

***Vateria indica***
*Coccotrypes advena* Blandford, *Coccotrypes cardamomi* Schaufuss, *Coccotrypes cyperi* (Beeson), *Coccotrypes variabilis* (Beeson), *Coccotrypes vateriae* (Beeson), *Crossotarsus quadricaudatus* (Strohmeyer), *Euwallacea andamanensis* (Blandford), *Genyocerus furtivus* (Sampson), *Platypus latifinis* Walker, *Platypus suffodiens* Sampson, *Xylosandrus butamali* (Beeson), *Xylosandrus crassiusculus* (Motschulsky).

***Vatica heteroptera***
*Xylosandrus crassiusculus* (Motschulsky).

***Vatica lanceaefolia***
*Ambrosiodmus lewisi* (Blandford), *Arixyleborus malayensis* (Schedl), *Carchesiopygus assamensis* (Beeson), *Carchesiopygus wollastoni* (Chapuis), *Coptodryas alpha* (Beeson), *Crossotarsus bonvouloiri* Chapuis, *Diapus quinquespinatus* Chapuis, *Euwallacea tristis* (Eggers), *Genyocerus furtivus* (Sampson), *Platypus cavus* 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.**
*Acacacis borneensis* Browne, *Cnestus suturalis* (Eggers), *Coptodryas bella* (Sampson), *Coptodryas confusa* Hopkins, *Coptodryas obtusicollis* (Schedl), *Coptodryas perparva* (Sampson), *Cyclorhipidion punctillicolle* (Schedl), *Cyrtogenius vaticae* (Nunberg), *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 minacior* Schedl, *Platypus sericans* Schedl,

*Sphaerotrypes biseriatus* Schedl, *Sphaerotrypes minutus* Browne, *Webbia bakoensis* Browne, *Webbia seriata* (Browne), *Webbia trepanicauda* (Eggers), *Xyleborus macropterus* Schedl, *Xyleborus muasi* Browne, *Xyleborus pseudopilifer* Schedl.

***Vatica stapfiana***
*Platypus cupulatus* Chapuis.

***Vavaea* spp.**
*Platypus runcinatus* Roberts.

***Vepris stolzii***
*Doliopygus lefevrei* Schedl, *Periommatus excisus* Strohmeyer.

***Vepris undulata***
*Xyleborinus aemulus* (Wollaston).

***Verbena* spp.**
*Hypothenemus californicus* Hopkins.

***Verbesina agricultorum***
*Cnesinus annectens* Wood, *Hypothenemus erectus* LeConte.

***Verbesina laciniata***
*Hypothenemus eruditus* Westwood.

***Vernonia amygdalina***
*Euwallacea xanthopus* (Eichhoff), *Xyleborus alluandi* Schaufuss, *Xyleborus piceus* (Motschulsky).

***Vernonia appendiculata***
*Euwallacea xanthopus* (Eichhoff), *Pityophthorus madagascariensis* Schedl.

***Vernonia arborea***
*Platypus cavus* Stroymeyer, *Xyleborus affinis* Eichhoff, *Xylosandrus crassiusculus* (Motschulsky).

***Vernonia auriculifera***
*Thamnurgus africanus* Eggers.

***Vernonia conferta***
*Doliopygus erichsoni* (Chapuis), *Doliopygus lateralis* Schedl, *Doliopygus medius* Schedl, *Doliopygus minor* Schedl, *Doliopygus perbrevis* Schedl, *Doliopygus rhodesianus* (Schedl), *Euwallacea 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 lasiopus***
*Ambrosiodmus aegir* (Eggers).

***Vernonia* spp.**
*Doliopygus brevis* (Strohmeyer), *Doliopygus conradti* (Strohmeyer), *Doliopygus perbrevis* Schedl, *Platypus madagascariensis* Chapuis, *Xyleborinus quadrispinosus* (Eichhoff), *Xyleborus bezanozano* Schedl, *Xyleborus principalis* Eichhoff, *Xylosandrus hirsutipennis* (Schedl).

***Veronica arborescens***
*Xyleborus adusticollis* (Motschulsky).

***Veronica* 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).

***Vinca* spp.**
*Xylosandrus compactus* (Eichhoff).

***Virecta multiflora***
*Hypothenemus grandis* Schedl, *Thamnurgus granulicollis* Schedl.

***Virgilia capensis***
*Platypus sampsoni* (Schedl), *Xyleborinus aemulus* (Wollaston).

***Virgilia oroboides***
*Hypocryphalus caplandicus* Schedl.

***Virola* spp.**
*Cnemonyx insignis* Wood, *Cnemonyx maculicornis* (Blandford), *Scolytodes declivistriatus* Schedl.

***Virola surinamensis***
*Xyleborus grossmanni* Schedl.

***Virola warburgii***
*Xyleborus asper* Eggers, *Xyleborus sparsipilosus* Eggers.

***Viscum album***
*Liparthrum bartschti* Muhl.

***Vismia cayennensis***
*Cnesinus reticulus* Wood.

***Vismia guianensis***
*Cnemonyx panamensis* (Blandford), *Hypothenemus trivialis* Wood, *Scolytodes cedrelae* Wood, *Tesseroverus belti* Sharp, *Xyleborinus intersetosus* (Blandford), *Xyleborus vismiae* Wood.

***Vismia* spp.**
*Amphicranus terebella* Blandford, *Cnemonyx minusculus* (Blandford), *Cnemonyx vismiaeolens* Wood, *Cnesinus lucaris* Wood, *Corthylus abbreviatus* Eichhoff, *Corthylus additus* Wood, *Hypothenemus erectus* LeConte, *Hypothenemus interstitialis* (Hopkins), *Hypothenemus squamosus* (Hopkins), *Sampsonius dampfi* Schedl, *Taurodemus godmani* (Blandford), *Taurodemus sanguinicollis* (Blandford), *Xyleborus ferrugineus* (Fabricius), *Xyleborus volvulus* (Fabricius).

***Vitex altissima***
*Euwallacea andamanensis* (Blandford), *Xylosandrus crassiusculus* (Motschulsky).

***Vitex congolensis***
*Doliopygus lefevrei* Schedl, *Doliopygus rapax* (Sampson).

***Vitex cuneata***
*Pernophorus abhorrens* Eggers.

***Vitex hildebrandii***
*Doliopygus chapuisi* (Duvivier).

***Vitex negundo***
*Ambrosiodmus rubricollis* (Eichhoff).

***Vitex peduncularis***
*Eccoptopterus spinosus* (Olivier), *Euwallacea andamanensis* (Blandford), *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari.

***Vitex pubescens***
*Cnestus aterrimus* (Eggers), *Hypothenemus eruditus* Westwood, *Xyleborus approximatus* Schedl, *Xyleborus haberkorni* Eggers, *Xylosandrus ater* (Eggers), *Xylosandrus mancus* (Blandford), *Xylosandrus pygmaeus* (Eggers).

***Vitex* spp.**
*Ambrosiodmus triton* (Schaufuss), *Crossotarsus mniszechi* Chapuis, *Xyleborus perforans* (Wollaston), *Xyleborus similis* Ferrari, *Xylosandrus compactus* (Eichhoff).

***Vitex welwitschii***
*Doliopygus medius* Schedl.

***Vitis discolor***
*Xyleborus piceus* (Motschulsky).

***Vitis* spp.**
*Ambrosiodmus apicalis* (Blandford), *Cnesinus elegans* Blandford, *Cryphalus felis* Wood, *Cryptocarenus heveae* (Hagedorn), *Hypothenemus birmanus* (Eichhoff), *Hypothenemus dissimilis* (Zimmermann), *Hypothenemus interstitialis* (Hopkins), *Hypothenemus javanus* (Eggers), *Hypothenemus vitis* Browne, *Micracisella nanula* (LeConte), *Premnobius cavipennis* 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***
*Doliopygus nairobiensis* (Schedl).

***Washingtonia filifera***
*Coccotrypes carpophagus* (Hornung), *Coccotrypes dactyliperda* (Fabricius).

***Washingtonia sonorae***
*Coccotrypes dactyliperda* (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***
*Amasa versicolor* (Sampson), *Coptodryas nugax* (Schedl), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus schedli* Browne, *Crossotarsus squamulatus* Chapuis, *Crossotarsus terminatus* Chapuis, *Crossotarsus wallacei* (Thomson), *Euwallacea fornicatus* (Eichhoff), *Euwallacea limatus* (Schedl), *Euwallacea xanthopus* (Eichhoff), *Platypus insulindicus* Schedl.

***Widdringtonia juniperoides***
*Lanurgus widdringtoniae* Schedl.

***Wikstroemia* spp.**
*Xylosandrus compactus* (Eichhoff).

***Wistaria floribunda***
*Hypothenemus kraunhiae* (Murayama), *Scolytogenes badius* (Nobuchi), *Xyleborus kraunhiae* Niisima.

***Wistaria sinensis***
*Hypothenemus eruditus* Westwood.

***Wistaria* spp.**
*Chramesus wisteriae* Wood, *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff).

***Wormia ferruginea***
*Scolytogenes crenatus* (Sampson).

***Wormina triquetra***
*Crossotarsus minax* (Walker), *Crossotarsus terminatus* Chapuis.

***Wrightia tinctoria***
*Euwallacea andamanensis* (Blandford), *Xylosandrus crassiusculus* (Motschulsky).

***Wrightia tomentosa***
*Platypus errans* (Sampson), *Platypus infuscatus* Browne.

***Xanthomyrtus* spp.**
*Diapus nebulosus* Roberts, *Platypus bipyramidus* Roberts & Morimoto, *Platypus caelestis* Roberts & Morimoto, *Platypus cicatricosus* Roberts.

***Xanthophyllum affine***
*Crossotarsus terminatus* Chapuis, *Xylosandrus crassiusculus* (Motschulsky).

***Xanthophyllum curtisii***
*Euwallacea limatus* (Schedl).

***Xanthophyllum glaucum***
*Platypus lepidus* Chapuis.

***Xanthophyllum ostrandum***
*Platypus australis* Chapuis.

***Xanthophyllum papuanum***
*Baiocis unispinosus* Roberts, *Platypus aequilaterus* Roberts, *Platypus daedalus* Roberts, *Platypus evanidus* Roberts, *Platypus hebetatus* Roberts, *Platypus nudiusculus* Roberts, *Platypus pectinatus* Roberts, *Platypus terius* Roberts, *Platypus turriformis* Roberts & Morimoto, *Platypus vaginervis* Roberts, *Platypus watutensis* Roberts.

***Xanthophyllum* spp.**
*Ambrosiodmus sarawakensis* (Eggers), *Coptodryas nugax* (Schedl), *Crossotarsus externedentatus* (Fairmaire), *Crossotarsus schedli* Browne, *Cyrtogenius glaber* (Schedl), *Diapus bispinus* Schedl, *Diapus nanus* Schedl, *Diapus perpygmaeus* Roberts, *Diapus pusillimus* Chapuis, *Eccoptopterus spinosus* (Olivier), *Euwallacea andamanensis* (Blandford), *Euwallacea limatus* (Schedl), *Leptoxyleborus concisus* (Blandford, *Leptoxyleborus punctatissimus* (Eichhoff), *Hylecius 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).

***Xeiopia* spp.**
*Cryptocarenus lepidus* Wood.

***Xerospermum intermedium***
*Amasa beesoni* (Eggers).

***Xerospermum* spp.**
*Crossotarsus schedli* Browne, *Crossotarsus siporanus* Schedl, *Cyclorhipidion sisyrnophorum* (Hagedorn), *Platypus protenus* (Schedl), *Xyleborinus pometianus* (Schedl).

***Xylia dolabriformis***
*Coccotrypes cyperi* (Beeson), *Crossotarsus emorsus* Beeson, *Euwallacea velatus* (Sampson), *Platypus cupulatus* Chapuis, *Platypus signatus* Chapuis, *Xyleborus birmanus* Eggers, *Xyleborus fallax* Eichhoff.

***Xylia xylocarpa***
*Crossotarsus bonvouloiri* Chapuis, *Crossotarsus minax* (Walker), *Euwallacea andamanensis* (Blandford), *Euwallacea fornicatus* (Eichhoff), *Euwallacea interjectus* (Blandford), *Euwallacea velatus* (Sampson), *Leptoxyleborus concisus* (Blandford), *Leptoxyleborus*

*sordicauda* (Motschulsky), *Platypus signatus* Chapuis, *Xyleborus fallax* Eichhoff.

***Xylocarpus gangeticus***
*Crossotarsus minusculus* Chapuis, *Xyleborus bidentatus* (Motschulsky).

***Xylocarpus granatum***
*Platypus biuncus* Blandford, *Xyleborus bidentatus* (Motschulsky).

***Xylopia aethiopica***
*Doliopygus lefevrei* Schedl, *Hypothenemus eruditus* Westwood, *Periommatus substriatus* Strohmeyer, *Platypus hintzi* Schaufuss, *Platypus schenklingi* (Strohmeyer), *Xyleborus annectens* Schedl.

***Xylopia caudata***
*Baiocis angustipennis* (Schedl), *Platypus pseudocupulatus* Schedl.

***Xylopia cordata***
*Platypus pseudocupulatus* Schedl, *Platypus puerulus* (Schedl), *Platypus westwoodi* Chapuis.

***Xylopia hypolampa***
*Platypus parallelus* (Fabricius).

***Xylopia sericea***
*Dryocoetoides flavus* (Fabricius).

***Xylopia* spp.**
*Doliopygus conradti* (Strohmeyer), *Periommatus angustior* Schedl, *Periommatus artecircularis* Schedl, *Platypus hintzi* Schaufuss, *Platypus watutensis* Roberts, *Platypus xanthopus* Schedl, *Premnobius cavipennis* Eichhoff.

***Xylopia vullotii***
*Coccotrypes subovalis* Eggers.

***Xylopia villosa***
*Cylindropalpus laudatus* (Schedl), *Periommatus bispinus* Strohmeyer, *Periommatus grandis* Schedl, *Platypus hintzi* Schaufuss, *Trachyostus aterrimus* (Schaufuss), *Trachyostus schaufuss* (Strohmeyer), *Xyleborus ferrugineus* (Fabricius).

***Xylosma hawaiiense***
*Xyleborinus saxeseni* (Ratzeburg), *Xyleborus scabratus* Schedl.

***Xylosma monospora***
*Cryphalus nyalubombeae* Schedl, *Doliopygus erichsoni* (Chapuis), *Lanurgus oleaeformis* Schedl, *Xyleborinus aemulus* (Wollaston).

***Xylosma suaveolens***
*Xyleborus perforans* (Wollaston).

***Yucca* spp.**
*Cactopinus depressus* Bright, *Hypothenemus crudiae* (Panzer), *Hypothenemus eruditus* Westwood, *Hypothenemus seriatus* (Eichhoff), *Pseudothysanoes frondicolens* Wood, *Pseudothysanoes yuccae* (Wood), *Pseudothysanoes yuccavorus* Wood.

***Zanthoxylum flavum***
*Ambrosiodmus 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), *Neopteleobius scutulatus* (Blandford).

***Zelkova* spp.**
*Scolytoplatypus 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 (1987: 1–685) and lists only that literature missed by the original volume or published since 1987. 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 1987 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
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° ***maravignae* Guerin-Meneville**, *Platypus* . . . . 1157
° ***quadrilobus* Schedl**, *Cenocephalus* . . . . . 1109
° ***rhinoceroide* (Schawaller)**, (*Mitosoma*), *Cenocephalus* . . . . . 1109
° ***succinicaptus* Schedl**, *Cenocephalus* . . . . . 1110

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# Family Scolytidae Index

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 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 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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*coffeivorus* Weele, (*Xyleborus*), *Hypothenemus* (=***hampei***) . . . 930
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*cognatus* Blackman, *Pityophthorus* (=***cariniceps***) . . 986
***cognatus* Blandford**, *Xyleborus* . . . 719
***cognatus* Wood**, *Dendroterus* . . . 950
***coimbatorensis* Stebbing**, *Sphaerotrypes* . . . 199
***colae* (Schedl)**, (*Stephanoderes*), *Hypothenemus* . . 912
***colaphus* Wood**, *Gnathotrupes* . . . 1040
***colchicum* Semenov**, *Liparthrum* . . . 276
**Coleobothrus Enderlein** . . . 615
***collaris* (Schedl)**, (*Poecilips*), *Coccotrypes* . . . 597
***collaris* Blandford**, *Amphicranus* . . . 1046
***collaris* Blandford**, *Corthylus* . . . 1070
***collaris* Chapuis**, *Phloeotribus* . . . 219
*collaris* Eggers, (*Xyleborus*), *Eccoptopterus* (=***gracilipes***) . . . 820
***collaris* Schedl**, *Pityophthorus* . . . 988
***collarti* (Eggers)**, (*Xyleborinus*), *Xyleborinus* . . . 806
*collinus* Bright, *Pityophthorus* (=***toralis***) . . . 1031
***collis* Niisima**, *Xyleborus* . . . 719
***colombianus* (Blackman)**, (*Cryptocleptes*), *Pseudothysanoes* . . . 412
***colombianus* Wood**, *Cnesinus* . . . 206
***colombianus* Wood**, *Pseudopityophthorus* . . . 972
*coloradensis* Wood, *Cryphalus* (=***ruficollis***) . . . 892
***colossus* (Blandford)**, (*Xyleborus*), *Ambrosiodmus* . 672
***columbi* Hopkins**, *Hypothenemus* . . . 912
***columbianus* (Schedl)**, (*Hexacolus*), *Scolytodes* . . . 390
***columbianus* (Schedl)**, (*Neopityophthorus*), *Araptus* . . . 954
***columbianus* Hopkins**, *Corthylus* . . . 1071
*columbianus* Schedl, *Corthylus* (=***letzneri***) . . . 1074
***columbianus* Schedl**, *Dendrocranulus* . . . 550
***comans* (Sampson)**, (*Xyleborus*), *Hadrodemius* . . . 819
***comatum* (Eggers)**, (*Eupteroxylon*), *Monarthrum* . . . 1052
***comatus* (Zimmermann)**, (*Crypturgus*), *Pityoborus* . . . 968
***comatus* Blandford**, *Corthylus* . . . 1071
*Comesiella* DelGuercio (=*Phloeotribus*) . . . 218
***comitabilis* Wood**, *Scolytodes* . . . 390
*commixtus* Blackman, (*Renocis*), *Chaetophloeus* (=***heterodoxus***) . . . 272
***commixtus* Blandford**, *Xyleborus* . . . 719
***communis* (Schaufuss)**, (*Cryphalomorphus*), *Scolytogenes* . . . 860
*communis* Schaufuss, (*Stephanoderes*), *Hypothenemus* (=***eruditus***) . . . 921
***comosus* Blackman**, *Pityophthorus* . . . 988
***comosus* Bright**, *Hypothenemus* . . . 913
***comosus* Bright**, *Pseudopityophthorus* . . . 972
***comosus* Wood**, *Corthylus* . . . 1072
***compactus* (Eichhoff)**, (*Xyleborus*), *Xylosandrus* . . 788
***compactus* Lea**, *Cryphalus* . . . 878
***comparabilis* Schedl**, *Xyleborus* . . . 719
***compressicornis* (Fabricius)**, (*Bostrichus*), *Corthylus* . . . 1072
***compressus* (Lea)**, (*Xylopertha*), *Ambrosiodmus* . . 672
***comptus* (Sampson)**, (*Xyleborus*), *Euwallacea* . . . 687
*comptus* Blackman, *Pityophthorus* (=***confertus***) . . 990
***concavifrons* (Schedl)**, (*Xylocleptes*), *Thamnurgus* . 542
***concavus* Blackman**, *Pityophthorus* . . . 988
***concavus* Bright**, *Corthylus* . . . 1072
***concentralis* (Schedl)**, (*Cryphalophilus*), *Scolytogenes* . . . 860
***concentralis* (Schedl)**, (*Neodryocoetes*), *Araptus* . . 954
***concentralis* Eggers**, *Ernoporus* . . . 855
***concentralis* Eichhoff**, *Pityophthorus* . . . 989
*concentralis* Hopkins, *Trypophloeus* (=***salicis***) . . . 847
*concentralis* Schedl, (*Ctenoyophthorus*), *Araptus* (=***confluens***) . . . 954
***concentralis* Schedl**, *Margadillius* . . . 898
***concentralis* Wood**, *Pseudothysanoes* . . . 413
***concentus* Wood**, *Xyleborus* . . . 719
***concinnulus* (Walker)**, (*Hylurgus*), *Hylesinus* . . . 259
***concinnus* (Mannerheim)**, (*Bostrichus*), *Ips* . . . 500
*concinnus* Beeson, (*Xyleborus*), *Coptodryas* (=***elegans***) . . . 824
***concinnus* Wood**, *Pityophthorus* . . . 989
***concisus* (Blandford)**, (*Xyleborus*), *Leptoxyleborus* . . . 659
***concisus* (Wood)**, (*Paracorthylus*), *Metacorthylus* . 1064
***concisus* Wood**, *Corthylus* . . . 1072
***concisus* Wood**, *Microcorthylus* . . . 1065
***concitatus* (Schedl)**, (*Xyleborus*), *Amasa* . . . 682
***concolor* (Wollaston)**, (*Aphanarthrum*), *Crypturgus* . . . 623
***concolor* Hagedorn**, *Hypothenemus* . . . 913
***conditus* Schedl**, *Xyleborus* . . . 719
***conditus* Wood**, *Araptus* . . . 954
***conditus* Wood**, *Dendrocranulus* . . . 550
***confertus* (Schedl)**, (*Poecilips*), *Coccotrypes* . . . 597
***confertus* Swaine**, *Pityophthorus* . . . 989
***confinis* (Blandford)**, (*Pityophthorus*), *Araptus* . . 954
***confinis* (Eggers)**, (*Webbia*), *Arixyleborus* . . . 666
***confinis* (Wood)**, (*Loganius*), *Cnemonyx* . . . 314

*confinis* Eggers, (*Xyleborus*), *Euwallacea* (=***wallacei***) . . . 695
***confinis* LeConte**, *Pityophthorus* . . . 990
***confinis* Wood**, *Chaetophloeus* . . . 271
***confinis* Wood**, *Dendrocranulus* . . . 551
*confinis* Wood, *Dendroterus* (=***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)**, (*Poecilips*), *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***) . . . 738
***confusus* Hopkins**, *Margadillius* . . . 899
***confusus* Swaine**, *Dryocoetes* . . . 580
***congonum* (Schedl)**, (*Hapalogenius*), *Rhopalopselion* . 96
***congonus* (Eggers)**, (*Dryocoetes*), *Cyrtogenius* . . . 564
***congonus* (Eggers)**, (*Mimips*), *Acanthotomicus* . . . 480
***congonus* (Schedl)**, (*Brachydendrulus*), *Mimiocurus* . . . 949
*congonus* Eggers, (*Poecilips*), *Coccotrypes* (=***rotundicollis***) . . . 610
***congonus* Eggers**, *Coccotrypes* . . . 597
***congonus* Eggers**, *Miocryphalus* . . . 410
***congonus* Eggers**, *Pityophthorus* . . . 991
***congonus* Eggers**, *Polygraphus* . . . 286
***congonus* Eggers**, *Sphaerotrypes* . . . 199
*congonus* Hagedorn, (*Stephanoderes*), *Hypothenemus* (=***setosus***) . . . 944
*congonus* Hagedorn, (*Xyleborus*), *Ambrosiodmus* (=***eichhoffi***) . . . 673
***congonus* Hagedorn**, *Xylocleptes* . . . 549
***congonus* Nunberg**, *Catenophorus* . . . 237
***congonus* Schedl**, *Cardroctonus* . . . 283
***congonus* Schedl**, *Scolytoplatypus* . . . 401
***congruens* (Schedl)**, (*Mimips*), *Acanthotomicus* . . . 480
***congruens* Schedl**, *Xyleborus* . . . 719
***conicolens* Wood**, *Conophthorus* . . . 963
***conidens* 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
*Conophthocranulus* Schedl (=*Pityophthorus*) . . . 977
***Conophthorus* Hopkins** . . . 963
***conradti* Hagedorn**, *Xyleborus* . . . 720
***conradti* Schedl**, *Ctonoxylon* . . . 837
***conscriptus* Bright**, *Pityophthorus* . . . 991
***consentaneus* Blandford**, *Gnathotrichus* . . . 1034
***consimile* (Blandford)**, (*Pterocyclon*), *Monarthrum* . . . 1052
***consimilis* (Eggers)**, (*Xyleborus*), *Ambrosiodmus* . 672
***consimilis* LeConte**, *Pityophthorus* . . . 991
***consimilis* Wood**, *Corthylus* . . . 1072
***consimilis* Wood**, *Dendrocranulus* . . . 551
***consobrinus* (Eichhoff)**, *Gnathotrupes* . . . 1040
***consobrinus* Blandford**, *Cosmoderes* . . . 901
***consobrinus* Eggers**, *Xyleborus* . . . 720
***consobrinus* Wood**, *Araptus* . . . 954
***consocius* (Blandford)**, (*Problechilus*), *Gymnochilus* . . . 386
*conspeciens* Schedl, (*Xyleborus*), *Coccotrypes* (=***cyperi***) . . . 599
***conspectus* (Schedl)**, (*Xyleborus*), *Ambrosiodmus* . 672
***conspectus* Wood**, *Pityophthorus* . . . 991
*constrictus* Schedl, (*Cryphalus*), *Hypocryphalus* (=***perminimus***) . . . 871
*constrictus* Schedl, *Gnathotrupes* (=***longipennis***) . . 1041
*constrictus* Schedl, *Hypocryphalus* (=***perminimus***) . 871
***constrictus* Wood**, *Scolytodes* . . . 391
***consularis* (Schedl)**, (*Xyleborus*), *Amasa* . . . 682
***continentalis* Eggers**, *Xyleborus* . . . 720
*contortae* Hopkins, *Conophthorus* (=***ponderosae***) . 965
***contortus* Schedl**, *Phlocotribus* . . . 219
***contractus* (Chapuis)**, (*Hylastes*), *Xylechinosomus* . 105
***contractus* Chapuis**, *Phlocotribus* . . . 220
***contractus* Schedl**, *Cladoctonus* . . . 238
***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

**convexifrons Wood**, *Corthylus* . . . . . 1072
**convexifrons Wood**, *Polygraphus* . . . . . 286
**convexus (Schedl)**, (*Afromicracis*), *Miocryphalus* . . 410
*convexus* Bright, *Pseudopityophthorus* (=***pruinosus***) . . . . . 975
**convexus Schedl**, *Scolytus* . . . . . 328
*cooki* Hopkins, (*Stephanoderes*), *Hypothenemus* (=***hampei***) . . . . . 930
**Coptoborus Hopkins** . . . . . 662
**Coptodryas Hopkins** . . . . . 822
*Coptodryas* Schedl (=*Cnemonyx*) . . . . . 313
*Coptogaster* Illiger (=*Scolytus*) . . . . . 321
*Coptosomus* Schedl (=*Cnemonyx*) . . . . . 313
**coracinus Wood**, *Cnesinus* . . . . . 206
**coracinus Wood**, *Pseudothysanoes* . . . . . 413
**corculum Wood**, *Monarthrum* . . . . . 1053
**cordatum (Blandford)**, (*Pterocyclon*), *Monarthrum* . . . . . 1053
**cordatus (Bright)**, (*Tricolus*), *Amphicranus* . . . . 1046
**cordatus Hagedorn**, *Strombophorus* . . . . . 202
*cordatus* Hagedorn, *Xyleborus* (=***emarginatus***) . . . 733
**cordicticum Wood**, *Monarthrum* . . . . . 1053
**cordipennis Lea**, *Hylesinus* . . . . . 77
**Coriacephilus Schedl** . . . . . 853
**coriaceus (Eichhoff)**, (*Stephanoderes*), *Coriacephilus* . . . . . 854
*coriaceus* Schedl, (*Erioschidias*), *Cosmoderes* (=***monilicollis***) . . . . . 901
**corni Kurenzov**, *Hypothenemus* . . . . . 913
*corniculatulus* Schedl, (*Xyleborus*), *Coptoborus* (=***vespatorius***) . . . . . 665
*corniculatus* Schedl, (*Xyleborus*), *Coptoborus* (=***vespatorius***) . . . . . 665
**corniger Wood**, *Chramesus* . . . . . 264
**cornivorus Murayama**, *Xyleborus* . . . . . 720
**cornutum Eggers**, *Ctonoxylon* . . . . . 837
**cornutus Axentjev**, *Cynanchophagus* . . . . . 1083
**cornutus Schaufuss**, *Xyleborus* . . . . . 720
**cornutus Schedl**, *Webbia* . . . . . 830
**cornutus Wood**, *Cnesinus* . . . . . 207
**coronarius Blackman**, *Pityophthorus* . . . . . 992
**coronatus (Chapuis)**, (*Phlocosinus*), *Chaetophloeus* . . . . . 271
**coronatus Eggers**, *Corthylus* . . . . . 1072
**coronatus Eggers**, *Polygraphus* . . . . . 286
**coronatus Eggers**, *Taphroryelus* . . . . . 559
*coronatus* Eichhoff, *Xyleborus* (=***spathipennis***) . . . 774
*coronatus* Wood, *Cryptocarenus* (=***brevicollis***) . . . 902
**corporaali (Eggers)**, (*Xyleborus*), *Coptodryas* . . . 823
**corpulentus (Sampson)**, (*Cryphalus*), *Ernocladius* . 857
**corpulentus (Schedl)**, (*Cryphalomorphus*), *Scolytogenes* . . . . . 860
**corpulentus (Schedl)**, (*Erioschidias*), *Cosmoderes* . 901
**corpulentus (Schedl)**, (*Neodryocoetes*), *Araptus* . . 954
**corpulentus Browne**, *Coccotrypes* . . . . . 598
**corpulentus Eggers**, *Xyleborus* . . . . . 720
° **corpulentus Schedl**, *Hylurgops* . . . . . 30
**corpulentus Schedl**, *Hypocryphalus* . . . . . 868
*corpulentus sundri* Schedl, (*Margadillius*), *Ernocladius* (=***corpulentus***) . . . . . 857
**corrugatum (Schedl)**, (*Xyleborus*), *Cyclorhipidion* 698
**corrugatus (Schedl)**, (*Stephanorhopalus*), *Scolytogenes* . . . . . 860
*corrugatus* Swaine, *Crypturgus* (=***borealis***) . . . . . 620
**corruptus (Schedl)**, (*Xyleborus*), *Premnobius* . . . 653
*corruptus* Schedl, (*Xyleborus*), *Coptoborus* (=***adjunctus***) . . . . . 662
**corruptus Wood**, *Pityophthorus* . . . . . 992
*corsicum* Eichhoff, *Liparthrum* (=***mori***) . . . . . 279
*corsicus* Eggers, (*Myelophilus*), *Tomicus* (=***minor***) . 127
*corsicus* Eggers, *Crypturgus* (=***cinereus***) . . . . . 623
*corsicus* Eggers, *Trypophloeus* (=***rybinskii***) . . . . . 846
*corsicus* Guillebeau, (*Phlocophthorus*), *Phlocotribus* (=***pubifrons***) . . . . . 227
corsicus Guillebeau, *Phlocotribus* (=***cristatus***) . . . 220
**cortezi Bright**, *Pityophthorus* . . . . . 992
Cortheloderes Schedl (=*Corthylus*, =***gracilis***) . . . . 1074
**Corthycyclon Schedl** . . . . . 1067
Corthyli LeConte (=Corthylini) . . . . . 949, 1034
Corthylidae LeConte (=Corthylini) . . . . . 949
corthyliformis Schedl, (*Gnathotrichus*), *Gnathotrupes* (=***longipennis***) . . . . . 1041
Corthylina LeConte, part (=Corthylini) . . . . . 1034
Corthylinae LeConte (=Corthylini) . . . . . 949
Corthylini LeConte . . . . . 949
**Corthylocurus Wood** . . . . . 1068
**corthyloides (Schedl)**, (*Xyleborus*), *Xylosandrus* . . 790
*corthyloides* Eichhoff, *Gnathotrichus* (=***materiarius***) . . . . . 1036
**corthyloides Hagedorn**, *Premnobius* . . . . . 653
*corthyloides* Schedl, (*Gnathotrichus*), *Gnathotrupes* (=***longipennis***) . . . . . 1041
*Corthylominus* Ferrari (=*Monarthrum*) . . . . . 1050
*Corthylominus* Schedl (=*Corthylus*) . . . . . 1069
**Corthylus Erichson** . . . . . 1069
**corticalis Eichhoff**, *Pityophthorus* . . . . . 992
**corticinus Wood**, *Hylurdrectonus* . . . . . 186
*corticiperda* Erichson, *Hylastes* (=***linearis***) . . . . . 56
*corticus* Beeson, (*Thamnurgides*), *Coccotrypes* (=***nubilus***) . . . . . 608
**corumbensis (Eggers)**, (*Hoplites*), *Cladoctonus* . . 238
**corumbensis Eggers**, *Chramesus* . . . . . 264
**coryli (Perris)**, (*Tomicus*), *Lymantor* . . . . . 555
**coryli Stark**, *Cryphalus* . . . . . 878, 884
*Cosmocorynus* Ferrari (=*Monarthrum*) . . . . . 1050
**Cosmoderes Eichhoff** . . . . . 900
**cosmoderoides Murayama**, *Hypothenemus* . . . . 913
**costabilis Wood**, *Pityophthorus* . . . . . 992
**costabilis Wood**, *Scolytodes* . . . . . 391
**costalimai Blackman**, *Pityophthorus* . . . . . 992
*costalimai* Nunberg, (*Ernophloeus*), *Hypothenemus* (=***eruditus***) . . . . . 926
**costalimai Schedl**, *Dendrocranulus* . . . . . 551
**costaricensis (Schedl)**, (*Microcorthylus*), *Corthylocurus* . . . . . 1069

**costaricensis (Schedl)**, (*Neodryocoetes*), *Araptus* . . 954
**costaricensis Blandford**, *Xyleborus* . . . . . 720
*costaricensis* Nunberg, *Sampsonius* (=***dampfi***) . . . . 655
**costaricensis Schedl**, *Dendrocranulus* . . . . . 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**, *Pseudothysanoes* . . . . . 413
**costatus Wood**, *Sphaerotrypes* . . . . . 199
**costellatus Chapuis**, *Scolytus* . . . . . 328
**costiceps Brown**, *Dendrotrupes* . . . . . 106
**costifera Bright**, *Pityophthorus* . . . . . 992
**costipennis (Schedl)**, (*Xyleborus*), *Coptodryas* . . . 823
**costipennis Schedl**, *Scolytomimus* . . . . . 839
**costulatulus Schedl**, *Webbia* . . . . . 830
**costulatus Blackman**, *Pseudochramesus* . . . . . 262
**costulatus Blandford**, *Cnesinus* . . . . . 207
**costulatus Eggers**, *Xyleborus* . . . . . 721
covinus Reitter, *Xyleborus* (=***pfeili***) . . . . . 762
**cracens (Wood)**, (*Gnathophthorus*), *Dacnophthorus* . . . . . 969
**cracentis Bright**, *Pityophthorus* . . . . . 992
**cracentis Wood**, *Liparthrum* . . . . . 276
**Craniodicticus Blandford** . . . . . 437
**crassinus Wood**, *Pseudothysanoes* . . . . . 413
*crassitarsus* Schedl, (*Xyleborus*), *Coptodryas* (=***recidens***) . . . . . 827
**crassiusculus (Motschulsky)**, (*Phloeotrogus*), *Xylosandrus* . . . . . 790
**crassiventris (Schedl)**, (*Poecilips*), *Coccotrypes* . . . 598
**crassulus Wood**, *Araptus* . . . . . 954
**crassus (Eggers)**, (*Dryocoetes*), *Peridryocoetes* . . . 561
**crassus (Schedl)**, (*Thamnophthorus*), *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 (Nunberg)**, (*Orthotomicus*), *Acanthotomicus* . . . . . 480
*crebellus* Reitter, *Crypturgus* (=***pusillus***) . . . . . 629
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***eggersi* Schedl**, *Cryphyophthorus* . . . . . 274
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*eggersi* Schedl, *Phlocotribus* (=***neglectus***) . . . . . 225
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***eggersi* Schedl**, *Pityophthorus* . . . . . 997
*eggersi* Stark, *Ernoporus* (=***tiliae***) . . . . . 857
***eggersi* Wichmann**, *Cladoctonus* . . . . . 238
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*ehlersi* Eichhoff, (*Stephanoderes*), *Hypothenemus* (=***eruditus***) . . . . . 921

*ehlersi rotroui* Peyerimhoff, *Hypothenemus* (=***eruditus***) . . . . . 923
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***eichhoffi* Blandford**, *Aricerus* . . . . . 217
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***eichhoffi* Ferrari**, *Dryocoetes* . . . . . 582
*eichhoffi* Hopkins, *Dryocoetes* (***betulae***) . . . . . 579
***eichhoffi* Reitter**, *Scolytus* . . . . . 329
*eichhoffi* Schaufuss, *Xyleborus* (=***eichhoffianus***) . . . 732
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***elegans* Schedl**, *Thamnurgus* . . . . . 543
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***lobeliae* Eggers**, *Thamnurgus* . . . . . 544
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***mairei* Peyerimhoff**, *Thamnurgus* . . . 544
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***malayensis* Browne**, *Xyleborus* . . . 749
***malayensis* Schedl**, *Bothrosternoides* . . . 194
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***mandibularis* Schedl**, *Thamnurgus* . . . 545
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***marginicollis* Schedl**, *Xyleborus* . . . . . 750
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***medialis* Wood**, *Araptus* . . . . . 959
***medialis* Wood**, *Pityophthorus* . . . . . 1009
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***pumilio* Eichhoff**, *Dryocoetes* . . . . . 584
***pumilionides* (Schedl)**, (*Cryphalomorphus*), *Scolytogenes* . . . . . 865
***pumilus* (Chapuis)**, (*Rhopalopleurus*), *Chramesus* . 268
***pumilus* (Mannerheim)**, (*Hylastes*), *Dolurgus* . . . 615
***pumilus* (Wood)**, (*Cryphalomorphus*), *Scolytogenes* . . . . . 865
***pumilus* (Wood)**, (*Cryptulocleptus*), *Pseudothysanoes* . . . . . 416
*pumilus* Eggers, (*Loganius*), *Cnemonyx* (=***exiguus***) . 315

***pumilus* Eggers**, *Cnesinus* . . . . . 211
***pumilus* Eggers**, *Xyleborus* . . . . . 767
***pumilus* Wood**, *Corthylus* . . . . . 1077
***pumilus* Wood**, *Dendrocranulus* . . . . . 553
***pumilus* Wood**, *Microcorthylus* . . . . . 1067
***pumilus* Wood**, *Phloeosinopsioides* . . . . . 239
***pumilus* Wood**, *Scolytodes* . . . . . 398
***punctatissimus* (Eichhoff)**, (*Xyleborus*), *Leptoxyleborus* . . . . . 660
***punctatissimus* (Schedl)**, (*Neodryocoetes*), *Araptus* . . . . . 961
***punctatissimus* (Zimmermann)**, (*Crypturgus*), *Corthylus* . . . . . 1077
***punctatissimus* Eggers**, *Thamnurgus* . . . . . 545
***punctatopilosum* (Schedl)**, (*Xyleborus*), *Cyclorhipidion* . . . . . 702
***punctatorugosus* (Schedl)**, (*Micracis*), *Hylocurus* . 427
***punctatorugosus* Chapuis**, *Phloeoborus* . . . . . 99
***punctatostriatus* Schedl**, *Cryphalus* . . . . . 890
***punctatulus* Nobuchi**, *Scolytogenes* . . . . . 865
***punctatum* (Eggers)**, (*Xyleborus*), (*Cyclorhipidion*) . . . . . 702
***punctatus* (Eggers)**, (*Thamnurgides*), *Coccotrypes* . 609
***punctatus* (Eggers)**, (*Kissophagus*), *Hylesinopsis* . . . 95
***punctatus* (Eggers)**, (*Hylocurosoma*), *Scolytodes* . . 398
***punctatus* (Schedl)**, (*Cryphalomorphus*), *Scolytogenes* . . . . . 865
***punctatus* (Schedl)**, (*Phloeotrupes*), *Phloeoborus* . . 100
***punctatus* Blandford**, *Cnesinus* . . . . . 211
***punctatus* Browne**, *Cryphalus* . . . . . 890
*punctatus* Browne, *Xylocleptes* (=***brownei***) . . . . . 549
*punctatus* Eggers, (*Poecilips*), *Coccotrypes* (=***salakensis***) . . . . . 611
*punctatus* Eggers, (*Stephanoderes*), *Hypothenemus* (=***hampei***) . . . . . 930
***punctatus* Eggers**, *Corthylus* . . . . . 1078
***punctatus* Eggers**, *Pagiocerus* . . . . . 214
***punctatus* Eggers**, *Pityophthorus* . . . . . 1025
*punctatus* Hopkins, (*Xylocleptes*), *Dendrocranulus* (=***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* . . . . . 268
***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* (=***cecropiavorus***) . . . . 390
*punctifer* Wood, *Scolytodes* (=***punctiferus***) . . . . . 398
***punctiferus* Wood**, *Scolytodes* . . . . . 398
***punctifrons* (Blandford)**, (*Pterocyclon*), *Monarthrum* . . . . . 1061
***punctifrons* Bright**, *Pityophthorus* . . . . . 1025
*punctifrons* Hopkins, *Hypothenemus* (=***eruditus***) . . 923
***punctifrons* Schedl**, *Cryptocarenus* . . . . . 903
*punctifrons* Thomson, *Polygraphus* (=***poligraphus***) 295
***punctiger* (Schedl)**, (*Neodryocoetes*), *Pityophthorus* . . . . . 1025
***punctilicolle* (Schedl)**, (*Xyleborus*), *Cyclorhipidion* . . . . . 702
***punctipennis* (Schedl)**, (*Xyleborus*), *Coptodryas* . . 826
punctipennis Eggers, (*Thamnurgides*), *Coccotrypes* (=***rhizophorae***) . . . . . 610
***punctipennis* Eggers**, *Xyloctonus* . . . . . 840
*punctipennis* Hopkins, *Hypothenemus* (=***eruditus***) . 923
*punctipennis* Hopkins, *Trypophloeus* (=***striatulus***) . 847
*punctipennis* LeConte, (*Xyleborus*), *Orthotomicus* (=***caelatus***) . . . . . 469
***punctipennis* Schedl**, *Cryphalus* . . . . . 890
***punctipennis* Schedl**, *Miocryphalus* . . . . . 411
*punctulatus* Eggers, *Coccotrypes* (=***carpophagus***) . 596
*punctulatus* Eggers, *Cryphalus* (=***kurenzovi***) . . . . 882
***punctulatus* Kurenzov**, *Xyleborus* . . . . . 767
*punctulatus* Schedl, (*Xyleborus*), *Cnestus* (=***nudus***) . 803
*pupillatus* Eggers, *Hylastes* (=***brunneus***) . . . . . 50
pupillatus Eggers, *Phloeoborus* (=***bodei***) . . . . . 98
***pusillimus* Schedl**, *Cryphalus* . . . . . 890
***pusillimus* Wood**, *Scolytodes* . . . . . 398
***pusillus* (Eggers)**, (*Hylocurosoma*), *Scolytodes* . . . 398
***pusillus* (Eggers)**, (*Neoxyloctonus*), *Scolytomimus* . 839
***pusillus* (Eggers)**, (*Webbia*), *Arixyleborus* . . . . . 668
***pusillus* (Gerstacker)**, (*Hylesinus*), *Rhopalopselion* . 97
***pusillus* (Gyllenhal)**, (*Bostrichus*), *Crypturgus* . . . 625
***pusillus* (Schedl)**, (*Xyleborus*), *Xylosandrus* . . . . 800
*pusillus* Blackman, *Hylastes* (=***tenuis***) . . . . . 63
***pusillus* Eggers**, *Corthylus* . . . . . 1078
***pusillus* Eggers**, *Dryocoetes* . . . . . 584
*pusillus* Eggers, *Hypothenemus* (=***eruditus***) . . . . . 923
***pusillus* Eggers**, *Scolytoplatypus* . . . . . 406
***pusillus* Eggers**, *Strombophorus* . . . . . 204
*pusillus* Harris, (*Tomicus*), *Pseudopityophthorus* (=***minutissimus***) . . . . . 974
***pusillus* Schedl**, *Cnesinus* . . . . . 211
***pusillus* Schedl**, *Cryphalus* . . . . . 890
*pusillus* Wollaston, (*Aphanarthrum*), *Cisurgus* (=***wollastoni***) . . . . . 630
***pusillus* Wood**, *Microcorthylus* . . . . . 1067
*pusillus* Wood, *Pityophthorus* (=***attenuatus***) . . . . 982
***pusio* Eggers**, *Xyleborus* . . . . . 767
*pusio* LeConte, *Pityophthorus* (=***pulchellus***) . . . . 1024
***pustulatus* Schedl**, *Gnathotrupes* . . . . . 1042
*putonii* Eichhoff, (*Hylesinus*), *Ptelcobius* (=***kraatzi***) . 70
***putputensis* Browne**, *Xyleborus* . . . . . 767
***Pycnarthrum* Eichhoff** . . . . . 384
***pygeumi* Schedl**, *Sphaerotrypes* . . . . . 200

***pygmaeolus* (Schedl)**, (*Cryphalomorphus*), *Scolytogenes* . . . . . 865
***pygmaeolus* Schedl**, *Pityophthorus* . . . . . 1025
*Pygmaeoscolytus* Butovitsch (=*Scolytus*) . . . . . 322
***pygmaeum* Eggers**, *Ctonoxylon* . . . . . 838
***pygmaeum* Wollaston** *Aphanarthrum* . . . . . 619
*pygmaeum laticollis* Wollaston, *Aphanarthrum* (=***pygmaeum***) . . . . . 619
***pygmaeus* (Eggers)**, (*Pelicerus*), *Dendrographus* . . 561
***pygmaeus* (Eggers)**, (*Xyleborus*), *Xylosandrus* . . . 800
***pygmaeus* (Fabricius)**, (*Bostrichus*), *Scolytus* . . . . 358
*pygmaeus* Eggers, *Polygraphus* (=***coronatus***) . . . . 286
*pygmaeus* Eichhoff, *Coccotrypes* (=***carpophagus***) . . 595
*pygmaeus* Hopkins, (*Stephanoderes*), *Hypothenemus* (=***eruditus***) . . . . . 923
***pygmaeus* Schedl**, *Cryptocarenus* . . . . . 903
***pygmaeus* Schedl**, *Lanurgus* . . . . . 409
*pygmaeus* Schedl, *Micracis* (=***swainei***) . . . . . 434
*pygmaeus* Schedl, *Pityophthorus* (=***opaculus***) . . . 1018
***pygmaeus* Wood**, *Corthylus* . . . . . 1078
***pygmaeus* Wood**, *Stegomerus* . . . . . 852
*pyri* Peck, (*Scolytus*), *Xyleborus* (=***dispar***) . . . . . 729
*pyri* Ratzeburg, (*Eccoptogaster*), *Scolytus* (=***mali***) . . 343
***pyri* Tsai & Yin**, *Sphaerotrypes* . . . . . 200
*quadraticolle* Eichhoff, *Pycnarthrum* (=***hispidum***) . 385
***quadraticollis* (Eggers)**, (*Xyleborus*), *Euwallacea* . 693
*quadratocollis* Chapuis, *Dactylipalpus* (=***transversus***) . . . . . 102
***quadratus* Blandford**, *Xyleborus* . . . . . 767
***quadricinctus* Schedl**, *Webbia* . . . . . 832
***quadricinctus* Schedl**, *Xyloctonus* . . . . . 841
***quadricostata* (Schedl)**, (*Xyleborus*), *Coptodryas* . . 826
***quadricuspe* (Schedl)**, (*Xyleborus*), *Cyclorhipidion* . 702
***quadridens* (Browne)**, (*Hypothenemus*), *Scolytogenes* . . . . . 865
***quadridens* (Eichhoff)**, (*Pterocyclon*), *Monarthrum* . . . . . 1061
***quadridens* (Hartig)**, (*Bostrichus*), *Pityogenes* . . . 455
***quadridens* (Schedl)**, (*Cryphalops*), *Eruoporus* . . . 855
***quadridens* (Schedl)**, (*Mimips*), *Acanthotomicus* . . 483
***quadridens* Blackman**, *Camptocerus* . . . . . 320
***quadridens* Eggers**, *Premnobius* . . . . . 654
*quadridens* Eggers, *Xyleborus* (=***bidentatus***) . . . . 715
quadridens Pjatnitskii, *Orthotomicus* (=***golovjankoi***) . . . . . 469
***quadridens* Schedl**, *Xyloctonus* . . . . . 840
***quadridens* Wood**, *Chramesus* . . . . . 268
***quadridens* Wood**, *Scolytominus* . . . . . 840
***quadridentatum* (Eggers)**, (*Anchonocerus*), *Monarthrum* . . . . . 1061
*quadridentatus* Hopkins, (*Stephanoderes*), *Hypothenemus* (=***interstitialis***) . . . . . 932
*quadridentatus* Schedl, (*Xyleborus*), *Premnobius* (=***quadridens***) . . . . . 654
quadridentatus Sturm, (*Bostrichus*), *Ips* (=***acuminatus***) . . . . . 485
***quadrimaculatus* Schedl**, *Amphicranus* . . . . . 1048
***quadrioculata* (Eggers)**, (*Neohylesinus*), *Phrixosoma* . . . . . 190
***quadrioculatus* (Hagedorn)**, (*Spongotarsus*), *Polygraphus* . . . . . 296
*quadrioculatus* Browne, *Scolytominus* (=***assamensis***) . . . . . 839
***quadriporus* Beaver**, *Cryptoxyleborus* . . . . . 829
***quadrisignatus* Schedl**, *Xyleborus* . . . . . 768
***quadrispinatus* Schedl**, *Pityophthorus* . . . . . 1025
***quadrispinis* (Schedl)**, (*Xyleborus*), *Xyleborinus* . . 810
***quadrispinosulus* Eggers**, *Xyleborus* . . . . . 768
***quadrispinosus* (Eggers)**, (*Xylocleptes*), *Acanthotomicus* . . . . . 483
***quadrispinosus* (Eichhoff)**, (*Xyleborus*), *Xyleborinus* . . . . . 810
***quadrispinosus* Blackman**, *Hylocurus* . . . . . 427
***quadrispinosus* Eggers**, *Sampsonius* . . . . . 656
***quadrispinosus* Say**, *Scolytus* . . . . . 359
***quadrispinosus* Schedl**, *Premnobius* . . . . . 654
***quadrisulcatus* Strohmeyer**, *Dryocoetes* . . . . . 584
***quadrituberculatus* (Schedl)**, (*Isophthorus*), *Acanthotomicus* . . . . . 483
***quadrituberculatus* (Schedl)**, (*Metahylesinus*), *Hylesinopsis* . . . . . 95
***quadrituberculatus* Sampson**, *Sphaerotrypes* . . . 200
*quadrituberculatus* Schedl, (*Gnathotrichus*), *Gnathotrupes* (=***longipennis***) . . . . . 1041
***quadrituberculatus* Schedl**, *Margadillius* . . . . . 899
***quaesitus* Schedl**, *Cnesinus* . . . . . 211
***quasimodo* Browne**, *Xyleborus* . . . . . 768
*quattuordecimcostatus* Schedl, *Webbia* (=***quattuordecimspinatus***) . . . . . 832
***quattuordecimspinatus* Sampson**, *Webbia* . . . . 832
*quattuordecimspinatus* Schedl, *Webbia* (=***quattuordecimspinatus* Sampson**) . . . . . 832
***queenslandi* (Schedl)**, (*Erioschidias*), *Cosmoderes* . 902
***queenslandi* (Schedl)**, (*Poecilips*), *Coccotrypes* . . . 609
***queenslandi* Schedl**, *Peridryocoetes* . . . . . 562
***querci* Stebbing**, *Sphaerotrypes* . . . . . 201
*querci* Wood, *Polygraphus* (=***kaimochii***) . . . . . 289
***querci* Yin & Huang**, *Scolytus* . . . . . 361
***quercicola* Eggers**, *Xyleborus* . . . . . 768
***quercicolens* Wood**, *Monarthrum* . . . . . 1061
***quercicolens* Wood**, *Pseudothysanoes* . . . . . 416
***quercinus* (Wood)**, (*Cryptulocleptus*), *Pseudothysanoes* . . . . . 416
***quercinus* Wood**, *Phloeotribus* . . . . . 228
***quercinus* Wood**, *Pityophthorus* . . . . . 1025
*querciperda* Schwarz, (*Pityophthorus*), *Pseudopityophthorus* (=***pruinosus***) . . . . . 975
***quercivorum* Schedl**, *Monarthrum* . . . . . 1061
***quercum* (Wood)**, (*Amphicranus*), *Monarthrum* . . 1061
*quercus* Eichhoff, (*Xyloterus*), *Trypodendron* (=***signatum***) . . . . . 647
*quercus* Hopkins, (*Stephanoderes*), *Hypothenemus* (=***rotundicollis***) . . . . . 940
*quercus* Hopkins, (*Xyleborus*), *Xyleborinus* (=***saxeseni***) . . . . . 815

*quercus* Kurenzov, *Xyleborus* (=***starki***) . . . . . 776
***querneum* Wood**, *Monarthrum* . . . . . 1061
***querneus* Wood**, *Pseudothysanoes* . . . . . 416
*quinquelineatum* Adams, (*Bostrichus*), *Trypodendron* (=***signatum***) . . . . . 647
***radiatae* Hopkins**, *Conophthorus* . . . . . 966
*radiatae* Hopkins, (*Tomicus*), *Ips* (=***mexicanus***) . . . 513
***radiatae* Swaine**, *Carphoborus* . . . . . 309
***radiatus* Wood**, *Scolytodes* . . . . . 398
*radulosus* Blandford, *Phloeoborus* (=***cristatus***) . . . . . 98
***ragusae* Reitter**, *Cisurgus* . . . . . 630
***raja* Blandford**, *Scolytoplatypus* . . . . . 406
***rallus* (Wood)**, (*Gnathophthorus*), *Dacnophthorus* . 969
*rameus* Schedl, (*Xyleborus*), *Euwallacea* (=***bicolor***) . 687
***rameus* Wood**, *Amphicranus* . . . . . 1048
***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* . . . . . 768
*rapanus* Beeson, *Xyleborus* (=***adamsoni***) . . . . . 705
***rasilis* Schedl**, *Amphicranus* . . . . . 1048
*ratamae* Blackman, *Thysanoes* (=***texanus***) . . . . . 421
*ratzeburgi* Ferrari, (*Cryphalus*), *Ernoporus* (=***tiliae***) . . . . . 857
***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**, *Pseudothysanoes* . . . . . 416
***recens* Bright**, *Pityophthorus* . . . . . 1026
***recidens* (Sampson)**, (*Xyleborus*), *Coptodryas* . . . 827
***reconditus* (Schedl)**, (*Xyleborus*), *Xyleborinus* . . . 810
*rectangulus* Ferrari, (*Tomicus*), *Ips* (=***erosus***) . . . . 505
***recticollis* (Schedl)**, (*Poecilips*), *Coccotrypes* . . . . 609
*rectus* LeConte, (*Tomicus*), *Ips* (=***pini***) . . . . . 521
*rectus* Schedl, *Hylocurus* (=***brasiliensis***) . . . . . 423
***rectus* Wood**, *Camptocerus* . . . . . 320
***rectus* Wood**, *Scolytominus* . . . . . 840
*recurvus* Browne, (*Streptocranus*), *Coptoborus* (=***bicuspis***) . . . . . 662
***redikorzevi* Berger**, *Cryphalus* . . . . . 890
***reditus* Wood**, *Dendrocranulus* . . . . . 553
***redtenbacheri* Ferrari**, *Corthylus* . . . . . 1078
***refertus* Wood**, *Araptus* . . . . . 961
***reflexus* Blackman**, *Scolytus* . . . . . 364
***reflexus* Browne**, *Hypocryphalus* . . . . . 871
***regalis* (Wood)**, (*Olonthogaster*), *Hylesinus* . . . . . 261
° ***regimontanus* (Hagedorn)**, (*Phloeosinites*), *Phloeosinus* . . . . . 252
***regius* (Schedl)**, (*Leperisinus*), *Hylesinus* . . . . . 83
***regius* Hagedorn**, *Ozopemon* . . . . . 590
***regularis* (Schedl)**, (*Poecilips*), *Coccotrypes* . . . . 609
***regularis* Blackman**, *Pityophthorus* . . . . . 1026
° ***rehi* (Hagedorn)**, (*Phloeosinites*), *Phloeosinus* . . 252
*reimoseri* Schedl, *Pycnarthrum* (=***hispidum***) . . . . 385
***reitteri* Eichhoff**, *Gymnochilus* . . . . . 387
***remorsus* Wood**, *Phloeotribus* . . . . . 228
*Renocis* Casey (=*Chaetophloeus*) . . . . . 271
***repositus* Schedl**, *Xyleborus* . . . . . 768
***resecans* (Eggers)**, (*Xyleborus*), *Amasa* . . . . . 684
***resectus* (Eggers)**, (*Xyleborus*), *Amasa* . . . . . 684
***resiniferae* Peyerimhoff**, *Cisurgus* . . . . . 630
***resiniferi* Schedl**, *Cryphalus* . . . . . 890
***resinosae* Hopkins**, *Conophthorus* . . . . . 967
° ***resinosus* Schedl**, *Xyleborus* . . . . . 768
***resolutus* Wood**, *Dendroterus* . . . . . 951
***restrictus* (Schedl)**, (*Xyleborus*), *Ambrosiodmus* . . 679
*retamae* Perris, (*Hylesinus*), *Phloeotribus* (=***rhododactylus***) . . . . . 229
***reticulatum* Schedl**, *Pycnarthrum* . . . . . 385
***reticulatum* Wood**, *Aphanarthrum* . . . . . 619
***reticulatus* (Wood)**, (*Hexacolus*), *Scolytodes* . . . . 398
***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* . . . . . 398
*reticentriculus* Tsai & Yin, *Polygraphus* (=***rudis***) . . 297
*retrusus* Schedl, (*Xyleborus*), *Xyleborinus* (=***saxeseni***) . . . . . 815
*retusicollis* Zimmermann, *Xyleborus* (=***ferrugineus***) . . . . . 738
***retusifer* Wood**, *Corthylus* . . . . . 1078
*retusiformis* Schedl, (*Xyleborus*), *Xylosandrus* (=***ater***) . . . . . 787
***retusipennis* Blandford**, *Glochinocerus* . . . . . 1064
***retusipennis* Blandford**, *Hylocurus* . . . . . 427
***retusum* (LeConte)**, (*Xyloterus*), *Trypodendron* . . 644
***retusus* (Eichhoff)**, (*Xyleborus*), *Xylosandrus* . . . . 800
***retusus* (LeConte)**, (*Cryphalus*), *Gnathotrichus* . . 1037
***retusus* Eichhoff**, *Amphicranus* . . . . . 1048
*retusus* Olivier, (*Scolytus*), *Xylocleptes* (=***bispinus***) . 548
***retusus* Wood**, *Corthylus* . . . . . 1078
***reunionis* Schedl**, *Xyleborus* . . . . . 768
***revocabile* (Schedl)**, (*Xyleborus*), *Cyclorhipidion* . 702
***rhizophagus* Thomas & Bright**, *Dendroctonus* . . 173
***rhizophorae* (Hopkins)**, (*Spermatoplex*), *Coccotrypes* . . . . . 609
*rhizophorae* Eggers, (*Dendrurgus*), *Coccotrypes* (=***rhizophorae***) . . . . . 609
***rhodesianus* (Eggers)**, (*Pseudophloeotribus*), *Hylesinopsis* . . . . . 95
***rhodesianus* (Eggers)**, (*Xyleborus*), *Ambrosiodmus* . . . . . 679
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*rhododactylus* Ratzeburg, (*Hylesinus*), *Phlocotribus* (=***spinulosus***) . . . . . 234
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***venezuelensis* Schedl**, *Pityophthorus* . . . 1033
***ventralis* LeConte**, *Scolytus* . . . 380
*ventralis* Sharp, *Pachycotes* (=**peregrinus**) . . . 187
***ventrosus* Schevyrew**, *Scolytus* . . . 382
*venturina* Hopkins, (*Xylocleptes*), *Dendrocranulus* (=**cucurbitae**) . . . 551
***venustulus* Schedl**, *Xyleborus* . . . 780
***venustulus* Wood**, *Scolytodes* . . . 400
***venustus* Blackman**, *Pityophthorus* . . . 1033
***venustus* Schedl**, (*Thylurcos*), *Corthylus* . . . 1081
***venustus* Schedl**, *Ptilopodius* . . . 900
***venustus* Wood**, *Scolytodes* . . . 400
*verax* Schedl, (*Xyleborus*), *Amasa* (=**schlichi**) . . . 684
***verdicus* Wood**, *Pseudothysanoes* . . . 418
***vernaculum* (Schedl)**, (*Pterocyclon*), *Monarthrum* . . . 1064

***vernaculus* (Schedl)**, (*Brachyspartus*), *Corthylocurus* . . . . . 1069
***vernaculus* Schedl**, *Xyleborus* . . . . . 780
***verrucifrons* Tsai & Yin**, *Polygraphus* . . . . . 301
***verrucosus* Wood**, *Dryocoetoides* . . . . . 659
***verrucosus* Wood**, *Hylocurus* . . . . . 428
***versicolor* (Sampson)**, (*Xyleborus*), *Amasa* . . . . . 685
***versicolor* Wood**, *Chaetoptelius* . . . . . 104
***verticillus* Wood**, *Pseudothysanoes* . . . . . 418
***vescula* Wood**, *Micracisella* . . . . . 431
***vesculus* Wood**, *Araptus* . . . . . 962
***vesculus* Wood**, *Hypothenemus* . . . . . 946
***vesculus* Wood**, *Phlocotribus* . . . . . 235
***vesculus* Wood**, *Pityophthorus* . . . . . 1033
***vesculus* Wood**, *Pseudothysanoes* . . . . . 418
***vesculus* Wood**, *Scolytodes* . . . . . 400
***vescus* Wood**, *Microcorthylus* . . . . . 1067
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***vespertinus* Bright**, *Pityophthorus* . . . . . 1033
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*vestitum* Wollaston, *Aphanarthrum* (=***bicinctum***) . . 617
***vestitus* (Eggers)**, (*Loganius*), *Cnemonyx* . . . . . 318
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***vestitus* (Mulsant & Rey)**, (*Hylesinus*), *Chaetoptelius* . . . . . 104
***vestitus* Blandford**, *Cryphalus* . . . . . 897
*vestitus* Brown, *Dendrotrupes* (=***costiceps***) . . . . . 106
***vestitus* Eggers**, *Cnesinus* . . . . . 212
***vestitus* Eggers**, *Phlocotribus* . . . . . 235
*vestitus* Schedl, *Xyleborus* (=***adusticollis***) . . . . . 706
***vexans* (Schedl)**, (*Xyleborus*), *Dryocoetoides* . . . . 659
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*vexator* Reitter, *Scolytus* (=***koltzei***) . . . . . 338
***vexator* Schedl**, *Cnesinus* . . . . . 212
*vianai* Schedl, (*Conophthocranulus*), *Spermophthorus* (=***apuleiae***) . . . . . 971
*vianai* Schedl, *Cnemonyx* (=***flavicornis***) . . . . . 315
***vianai* Schedl**, *Hylocurus* . . . . . 428
*vianai* Schedl, *Hypothenemus* (=***eruditus***) . . . . . 925
***vianai* Schedl**, *Pseudochramesus* . . . . . 262
***viaticus* Schedl**, *Xyleborus* . . . . . 780
*viburni* Eggers, *Cryphalus* (=***viburni* Stark**) . . . . . 898
***viburni* Stark**, *Cryphalus* . . . . . 897
*vicarius* Beeson, (*Thamnurgides*), *Coccotrypes* (=***advena***) . . . . . 593
*vicarius* Eichhoff, *Xyleborus* (=***pfeili***) . . . . . 763
***vicinalis* Wood**, *Dendrocranulus* . . . . . 554
***vicinum* (Schedl)**, (*Pterocyclon*), *Monarthrum* . . 1064
***vicinus* (Eggers)**, (*Prionoseeles*), *Scolytodes* . . . . 400
*vicinus* Comolli, (*Hylesinus*), *Kissophagus* (=***hederae***) . . . . . 68
***vicinus* Eichhoff**, *Xyleborus* . . . . . 780
*vicinus* LeConte, (*Xyleborus*), *Orthotomicus* (=***caelatus***) . . . . . 469
***vicinus* Wood**, *Dendrocranulus* . . . . . 554
***vicinus* Wood**, *Microcorthylus* . . . . . 1067
*victoris* Mulsant & Rey, (Bostrichus), *Dryocoetes* (=***autographus***) . . . . . 578
***viduus* Eichhoff**, *Xyleborus* . . . . . 780
***vietnamensis* Schedl**, *Polygraphus* . . . . . 302
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***villiersi* Schedl**, *Triotemnus* . . . . . 541
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***villifrons* (Dufour)**, (*Bostrichus*), *Taphrorychus* . . 560
***villifrons* Wood**, *Hylocurus* . . . . . 429
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***villosus* Eggers**, *Corthylus* . . . . . 1080
*villosus* Herbst, *Dryocoetes* (=***autographus***) . . . . 576
*villosus* Ratzeburg, (*Bostrichus*), *Xyleborus* (=***cryptographus***) . . . . . 722
*villosus* Schedl, (*Xyleborus*), *Theoborus* (=***villosulus***) . . . . . 662
***villosus* Schedl**, *Pachycotes* . . . . . 188
*villosus minor* Eggers, *Dryocoetes* (=***villosus***) . . . . 586
*villosus starhoni* Reitter, *Dryocoetes* (=***villosus***) . . . 586
***villus* Bright**, *Corthylus* . . . . . 1081
***viminalis* Bright**, *Pityophthorus* . . . . . 1033
*vinealis* Bright, (*Neodryocoetes*), *Araptus* (=***tabogae***) . . . . . 962
***vinealis* Wood**, *Chramesus* . . . . . 270
***vinealis* Wood**, *Dendrocranulus* . . . . . 554
***vinnulus* Wood**, *Araptus* . . . . . 963
*vinogradovi* (Semenov), (*Phlocophthorus*), *Phlocotribus* (=***rhododactylus***) . . . . . 230
*virentis* Hopkins, (*Stephanoderes*), *Hypothenemus* (=***seriatus***) . . . . . 942
***virgatus* Bright**, *Scolytus* . . . . . 382
*virginianae* Hopkins, *Conophthorus* (=***resenosae***) . 967
***virilis* Blackman**, *Pityophthorus* . . . . . 1033
***virilis* Wood**, *Pseudopityophthorus* . . . . . 976
***viriosa* Wood**, *Phrixosoma* . . . . . 190
***virtus* Schedl**, *Pityophthorus* . . . . . 1033
***viruensis* Browne**, *Xyleborus* . . . . . 780
***viscicolens* Wood**, *Pseudothysanoes* . . . . . 418
***viscivorus* Wood**, *Pseudothysanoes* . . . . . 418
***vismiacolens* Wood**, *Cnemonyx* . . . . . 318
*vismiae* Eggers, (*Loganius*), *Cnemonyx* (=***minusculus***) . . . . . 317
***vismiae* Wood**, *Xyleborus* . . . . . 780
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***vitei* Wood**, *Dendroctonus* . . . . . 186
***vitiensis* Browne**, *Cryphalus* . . . . . 897
*vitiosus* Schedl, *Xyleborus* (=***adelographus***) . . . . 706
***vitiosus* Wood**, *Chramesus* . . . . . 270
***vitis* Browne**, *Hypothenemus* . . . . . 946
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***vittatus* (Fabricius)**, (*Bostrichus*), *Pteleobius* . . . . 70
***vittatus* Eggers**, *Strombophorus* . . . . . 204
***vittatus* Schedl**, *Xylechinus* . . . . . 119

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***volcanus* Wood**, *Scolytodes* . . . . . 400
volustus Eggers, *Dendrocranulus* (=sp?) . . . . . 550
***volvulum* (Eichhoff)**, (*Pterocyclon*), *Monarthrum* . . . . . 1064
***volvulus* (Fabricius)**, (*Bostrichus*), *Xyleborus* . . . . 780
***volvulus* Schedl**, *Pityophthorus* . . . . . 1033
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***vulcanus* Perkins**, *Xyleborus* . . . . . 783
***vulgaris* (Eggers)**, (*Dendrurgus*), *Coccotrypes* . . . 614
*vulgaris* Schaufuss, (*Stephanoderes*), *Hypothenemus* (=***seriatus***) . . . . . 941
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***vulpina* (Schedl)**, (*Xyleborus*), *Schedlia* . . . . . 822
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***wapleri* Eichhoff**, *Cryphalus* . . . . . 898
*waringi* Curtis, (*Bostrichus*), *Trypodendron* (=***signatum***) . . . . . 647
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***willei* Schedl**, *Phloeotribus* . . . . . 235
***winkleri* (Reitter)**, (*Stephanoderes*), *Hypothenemus* . . . . . 946
***wisteriae* Wood**, *Chramesus* . . . . . 270
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° ***wolffi* (Schedl)**, (*Phloeosinites*), *Phloeosinus* . . . . 259
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***woodi* Bright**, *Pityophthorus* . . . . . 1033
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*woodi* Schedl, (*Xyleborus*), *Ambrosiodmus* (=***devexulus***) . . . . . 673
***woodi* Thatcher**, *Ips* . . . . . 538
° ***worthini* Scudder**, (*Polygraphus*), not Scolytidae . 284
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***xalapae* Wood**, *Pseudopityophthorus* . . . . . 976
***xalapensis* Wood**, *Monarthrum* . . . . . 1064
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***xanthophloeae* Schedl**, *Lanurgus* . . . . . 409
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***zelus* Wood**, *Corthylus* . . . . . 1081
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***zexmenivora* Bright**, *Pityophthorus* . . . . . 1033
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