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# Subfamily Coptonotinae

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## 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 1858b: 385, 404, 421; Blandford 1895b: 89; Brom 1850: 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 1853: 513; Leng 1920: 337; Lindemann 1876: 151; Lovendal 1889b: 5; Lucas 1920: 50; Numberg 1954: 13, 92; Reitter 1894: 39, 93, 1913a: 13; Schedl 1939b: 377, 388, 396, 1972f; Strohmeier 1912c: 1–26; Swaine 1909: 83; Thomson 1865: 377; Tredl 1907: 4.

#### Platypodinae

References: Blandford 1895b: 89; Strohmeier 1911: 218, 1912: 4; Swaine 1909: 83.

#### Platypodini

References: Schedl 1939b: 396.

#### Platypites

References: Fairmaire 1868: 107.

#### Platypodae

References: Eichhoff 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; Numberg 1953: 43, 46; Schedl 1939b: 381, 386–387, 1940a: 318, 328, 1962: 3–14.

#### Coptonotinae

References: Hopkins 1915c: 225, 227; Schedl 1939b: 381, 387.

#### Chapuisidae

References: Blackman 1944: 77–78; Strohmeier 1914b: 1–4.

### Tribe Coptonotini Chapuis

#### Coptonotidae

References: Balachowsky 1949a: 51; Blackman 1944: 77–78; Blackwelder 1947: 788; Chapuis 1869: 11, 1873: 219; Numberg 1953: 43, 46; Schedl 1939b: 381, 386–387, 1940a: 318, 328, 1962d: 314.

#### Genus *Coptonotus* Chapuis

**COPTONOTUS** CHAPUIS 1869: 11. Type-species: *Coptonotus cyclopus* Chapuis, monobasic.

References: (ds) Blackwelder 1947: 788; Hagedorn 1910d: 7, (tx) Blackman 1944: 77–78; Blandford 1893d: 427, 441; Chapuis 1869: 11, 1873: 219; Eggers 1935a: 75; Hagedorn 1910a: 34–37; Hopkins 1914: 118, 133; Schaufuss 1905: 89; Schedl 1939b: 386, 1948b: 262, 1962d: 8.

**cyclopus** Chapuis 1869: 11. Syntypes, sex?; Nouvelle-Grenade; IRSNB, Brussels.

Figures: Equihua & Atkinson 1987: 11, Schedl 1962d: fig. 3.

Distribution: North America (Costa Rica/Panama), South America (Colombia/Peru).

Hosts: Probably *Quercus* sp.

References: (ds) Blackwelder 1947: 788; Equihua & Atkinson 1987: 10; Hagedorn 1910d: 7; Kleine 1912b: 162, 1914b: 341, (tx) Blackman 1944: 75; Chapuis 1869: 11, 1873: 219; Equihua & Atkinson 1987: 10–11; Gemminger & Harold 1872: 2678; Hagedorn 1910a: 37; Hopkins 1914: 118, 133; Lucas 1920: 202; Schaufuss 1905: 89; Schedl 1939b: 379, 384, 1962d: 8, 1962q: 485, (ms) Lucas 1920: 202.

**striatus** Eggers 1933b: 3. Holotype ♀; Franz, Guayana; USNM, Washington.

Distribution: South America (Cayenne/Peru/Suriname).

Notes: (1) Schedl 1979c: 237 (holotype designation invalid).

References: (ds) Blackwelder 1947: 788, (tx) Eggers 1933b: 3–4; Schedl 1962d: 8, 1979c: 237.

#### Genus *Protohylastes* Wood

**PROTOHYLASTES** WOOD 1973d: 83. Type-species: *Protohylastes amosus* Wood, original designation.

References: (tx) Wood, S. L. 1973d: 83.

**amosus** Wood 1973d: 84. Holotype ♂; Eungella National Park, Queensland, Australia; Queensland Museum, Brisbane.

Distribution: Australia (Queensland).

References: (tx) Wood, S. L. 1973d: 84.

**latirostris** (Pascoe) 1873: 197 (*Psepholax*). Holotype ♀; Klawara, N.S. Wales; BMNH, London.

Distribution: Australia (New South Wales).

Notes: (1) Scale color and body shape of these two species are obviously different; however, they

could represent different sexes of the same species. Both holotypes were studied.

References: (tx) Pascoe 1873: 197.

#### Genus *Scolytotarsus* Schedl

SCOLYTOTARSUS SCHEDL 1937: 404. Type-species: *Scolytotarsus impar* Schedl, monobasic.

References: (tx) Schedl 1937b: 404, 1939b: 387.

**impar** Schedl 1937b: 405. Holotype, sex<sup>?</sup>; 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<sup>?</sup>; 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 *Mysepholax*).

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.

### Chapnisiidae (automatically replaced by new name when type-genus became a homonym)

References: Brues & Melander 1932: 445; Schedl 1939b: 377; Strohmeier 1914b: 1-6.

### Chapnisiidae

References: Blandford 1895b: 89, 117.

### Chapnisiinae

References: Brues & Melander 1932: 445; Handlirsch 1925: 692; Hopkins 1915c: 225; Schedl 1939b: 377; Strohmeier 1911: 218, 1912c: 3.

## Genus *Schedlarius* Wood

SCHEDLARIUS WOOD 1957b: 103. Type-species: *Chapnisia mexicana* Duges, automatic.

*Chapnisia* Duges 1886: 56. Type-species: *Chapnisia mexicana* Duges, monobasic, preoccupied by Duvivier 1885.

References: (hb) Duges 1885: 58; Wood, S. L. 1957b: 103-104. (tx) Blackman 1944: 76-79; Blandford 1893d: 427, 1895a: 317-318, 1895b: 81, 88, 1896e: 117; Duges 1885: 58, 1888: 141; Hopkins 1914: 118, 134, 1915c: 227; Numberg 1953: 44, 46; Schedl 1939b: 387, 1962d: 9; Strohmeier 1914b: 1-5, 1914c: 16-17; Wood, S. L. 1957b: 103-104.

References: (tx) Schedl 1962d: 9-11; Wood, S. L. 1957b: 103-104.

*mexicanus* Duges 1885: 58 (*Chapnisia*). Syntypes, sex?; Mexico; presumably in Duges Collection, Mexico City.

Figures: Blandford 1896e: pl. 5, Burgos & Saucedo 1983: 43, Duges 1885: pl. 5, Equihua & Atkinson 1987: 13, Schedl 1962d: fig. 3.

Distribution: North America (Mexico).

Hosts: *Bursera capallifera*, *B. sinarubra*.

Notes: (3) This species is xylophagous, monogynous, and the larvae make long, tortuous, individual tunnels in the xylem; ambrosial fungus is not present although obvious fungal decay of host xylem occurs near larval mines.

References: (hb) Atkinson et al. 1986: 47; Burgos & Saucedo 1983: 42; Duges 1885; Wood, S. L. 1957b: 103. (ds) Atkinson et al. 1986: 47; Blackwelder 1947: 788; Blandford 1896e; Burgos & Saucedo 1983: 42; Equihua 1985: 144; Equihua & Atkinson 1987: 13; Strohmeier 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; Strohmeier 1911d: 218, 1912c: 3, 1914b: 1-5, 1914c: 16; Wood, S. L. 1957b: 103, 1959b.