

54. Family MICROPEZIDAE

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Micropezidae, whose species are commonly known as stilt flies, comprise long-bodied, long-legged, often black flies usually with infuscated wings. The family is comprised of almost 450 species in about 40 genera and 5 subfamilies worldwide. They are predominantly tropical in distribution and especially speciose in the Neotropical Region.

Sixty species in 10 genera are recorded from the regions covered in this catalog. Of the 5 subfamilies, 2 (Eurybatinae and Taeniapterinae) are known from the regions covered here and 1 subfamily (Calycopteryginae) comprises subapterous forms on the subantarctic islands of Heard and Kerguelen (see Appendix I).

Adults are either predaceous on small insects or are attracted to excrement or decaying fruit. Some species, much the same as in the stron-

gylophthalmyiid genus, *Strongylophthalmyia*, mimic ants; others mimic wasps and are especially similar in appearance to some ichneumonid wasps. Species of the genus *Anaeropsis* have stalked eyes. Little is known of the larval habits, but they are probably phytophagous or saprophagous. Berg (1947) described the habits and immature stages of *Mimegralla striatofasciata* from the Solomon Islands.

This chapter benefitted from information on some type specimens kindly supplied by Dr. D.K. McAlpine.

Refs.: Hennig (1934-1936, rev.), Berg (1947, immat. biol.), Steyskal (1947, Solomon Is spp.; 1952*b*, Oriental-Pacific spp.; 1964, larval habits; 1977*a*, cat. Oriental spp.), Aczél (1951, classif.; 1959, Micronesian spp.), McAlpine (1975, classif.), Ferrar (1987, immat.).

Subfamily EURYBATINAE

Genus ANAEROPSIS Bigot

ANAEROPSIS Bigot, 1866: 201. Type species: *Anaeropsis lorquini* Bigot, 1866 [= *Phytalmia guttipennis* Walker, 1861], orig. des.

guttipennis Walker, 1861*c*: 269 (*Phytalmia*). Indonesia (Sulawesi); Indonesia (Maluku).
lorquini Bigot, 1866: 202. Indonesia (Maluku).

Genus COTHORNOBATA Czerny

COTHORNOBATA Czerny, 1932*b*: 267. Type species: *Cothornobata striatifrons* Czerny, 1932 [= *Trepidaria cyanea* Hendel, 1913], mon.

SPHAERICOCEPHALA Czerny, 1932*b*: 291. Unavailable name; genus-group name proposed after 1930 without type-species designation.

SPHAERICOCEPHALA Steyskal, 1977*a*: 12. Type species: *Trepidaria cyanea* Hendel, 1913, orig. des.
virriata Enderlein, 1922*b*: 174 (*Grammicomyia*). PNG (PNG). **N. comb.**

Genus CREPIDOCHETUS Enderlein

CREPIDOCHETUS Enderlein, 1922*b*: 172. Type species: *Crepidochetus forcipatus* Enderlein, 1922, orig. des.

GONGYLOCEPHALA Czerny, 1932*b*: 292. Type species: *Gongylocephala nigrifemur* Czerny, 1932, mon.
ater Steyskal, 1947: 5 (*Gongylocephala*). Solomon Is.

debilis Walker, 1859*a*: 124 (*Cardiacephala*). Indonesia (Maluku); Indonesia (Irian Jaya), PNG (Bismarck Arch, PNG).

pallidus Steyskal, 1947: 4 (*Gongylocephala*). Solomon Is; Philippines.

Genus METOPOCHETUS Enderlein

METOPOCHETUS Enderlein, 1922b: 164, 171, 172. Type species: *Metopochetus ralumensis* Enderlein, 1922, orig. des.

METOPOCHTUS, error for *Metopochetus*.

bivittatus Macquart, 1846: 342(214) (*Calobata*). Australia (NSW); Australia (Tas).

compressus Walker, 1853: 389 (*Calobata*). Not given [Australia].

perclusus Walker, 1864: 230 (*Calobata*). Indonesia (Irian Jaya).

piceus Walker, 1853: 391 (*Calobata*). Australia (Tas).

ralumensis Enderlein, 1922b: 171. PNG (Bismarck Arch).

tenuipes Walker, 1853: 393 (*Calobata*). Australia (Tas).

terminalis Walker, 1853: 390 (*Calobata*). Not given [Australia].

tipuloides Walker, 1865b: 125 (*Calobata*). "New Guinea" [= Indonesia (Irian Jaya)]; PNG (PNG).

Genus NESTIMA Osten Sacken

NESTIMA Osten Sacken, 1881a: 457. Type species: *Nestima polita* Osten Sacken, 1881, mon.

CROSA Steyskal, 1952b: 176. Type species: *Eurybata semilauta* Osten Sacken, 1882, orig. des.

armillata Enderlein, 1922b: 175 (*Grammicomyia*). PNG (PNG). **N. comb.**

buergersi Enderlein, 1922b: 171 (*Eurybata*). PNG (PNG). **N. comb.**

flavifrons Bigot, 1886c: 382 (*Eurybata*). PNG (PNG). **N. comb.**

fragilis Walker, 1856a: 37 (*Micropeza*). Malaysia (Pen) & Singapore; Indonesia (Irian Jaya), PNG (PNG). **N. comb.**

nigriceps de Meijere, 1913b: 362 (*Eurybata*). Indonesia (Irian Jaya). **N. comb.**

petasibarba Enderlein, 1922b: 171 (*Eurybata*). PNG (PNG). **N. comb.**

pleuralis Steyskal, 1952b: 179. Indonesia (Irian Jaya).

polita Osten Sacken, 1881a: 458. Indonesia (Irian Jaya); PNG (PNG).

prolixa Walker, 1861d: 299 (*Micropeza*). Indonesia (Irian Jaya).

tenuis Doleschall, 1858: 127 (*Micropeza*). Indonesia (Maluku); Indonesia (Irian Jaya). **N. comb.**

tetras Steyskal, 1947: 2 (*Eurybata*). Solomon Is. **N. comb.**

viridinsula Steyskal, 1952b: 179. PNG (Bismarck Arch).

yapensis Steyskal, 1952b: 177 (*Crosa*). Micronesia; Belau. **N. comb.**

Genus PAPEZA McAlpine

PAPEZA McAlpine, 1975: 242. Type species: *Papeza szentivanyi* McAlpine, 1975, orig. des.

funiculipes Enderlein, 1922b: 174 (*Grammicomyia*). PNG (PNG). **N. comb.**

szentivanyi McAlpine, 1975: 242. PNG (PNG).

Subfamily TAENIAPTERINAE

Genus GRAMMICOMYIA Bigot

GRAMMICOMYIA Bigot, 1859b: 314. Type species: *Grammicomyia testacea* Bigot, 1859, mon.

bergi Steyskal, 1947: 7. Solomon Is.

halli Steyskal, 1952b: 162. PNG (PNG).

inermipes Malloch, 1935a: 343. Western Samoa; American Samoa.

Genus MIMAGRALLA Rondani

MIMAGRALLA Rondani, 1850b: 180. Type species: *Calobata coeruleifrons* Macquart, 1843, orig. des.

HYBOBATA Enderlein, 1922b: 196. Type species: *Calobata triannulata* Macquart, 1843, orig. des.

- HYOBOBATA**. Incorr. orig. spell. of *Hybobata* (Enderlein, 1922b: 196).
- CYCLOSPHEN** Frey, 1927a: 69. Type species: *Taenioptera galbula* Osten Sacken, 1882, orig. des.
- NEOCALOBATA** Malloch, 1935a: 346 (*Calobata* subg.). Type species: *Calobata deferens* Malloch, 1935, orig. des.
- TOWNESA** Steyskal, 1952b: 171. Type species: *Townesa spinosa* Steyskal, 1952, orig. des.
- abana** Walker, 1849: 1054 (*Calobata*). Not given [Australia]; Indonesia (Maluku). **N. comb.**
- albimana** Doleschall, 1856: 413 (*Taenioptera*). Indonesia (Java); Belau, Guam, Micronesia, Northern Marianas, PNG (PNG); Ryukyus, E Oriental Reg.
- longiventris* Thomson, 1869: 589 (*Calobata*). Northern Marianas.
- pictipes* de Meijere, 1914b: 175 (*Calobata nigripes* var.). Indonesia (Java).
- palauensis* Hennig, 1935c: 201 (*albimana* ssp.). Belau.
- albitarsis* Wiedemann — not Australasian/Oceanian.
- australica** Hennig, 1935a: 91 (*contingens* ssp.). Australia (Qld); Australia (NT). [Proposed (incorrectly) as a new replacement name for specimens misidentified by Enderlein as *lunaria* Osten Sacken.] **N. stat.**
- lunaria*, Enderlein, 1922, not Osten Sacken, 1881, misid.
- cedens** Walker, 1856a: 135 (*Calobata*). Malaysia (Sarawak); Indonesia (Irian Jaya); Oriental Reg.
- contingens** Walker, 1864: 221 (*Calobata*). Indonesia (Irian Jaya); PNG (PNG), Solomon Is.
- deferens** Malloch, 1935a: 346 (*Calobata*). Western Samoa; American Samoa.
- diffundens** Walker, 1861e: 17 (*Calobata*). Indonesia (Maluku).
- extrema** Hennig, 1935c: 203 (*albimana* ssp.). Vanuatu. **N. stat.**
- gutticollis** Walker, 1861e: 17 (*Calobata*). Indonesia (Maluku). **N. comb.**
- immiscens** Walker, 1864: 221 (*Calobata*). Indonesia (Irian Jaya). **N. comb.**
- ledermanni** Enderlein, 1922b: 196. PNG (PNG); ?PNG (Bismarck Arch).
- lunaria** Osten Sacken, 1881a: 456 (*Calobata*). Indonesia (Maluku).
- eclipsis* Osten Sacken, 1882b: 201 (*Calobata*). Indonesia (Maluku).
- novaehebrideana** Steyskal, 1952b: 169 (*contingens* ssp.). Vanuatu. **N. stat.**
- resoluta** Walker, 1860a: 161 (*Calobata*). Indonesia (Sulawesi); Indonesia (Maluku).
- salomonis** Hennig, 1935c: 192 (*contingens* ssp.). Solomon Is.
- solomonis*, error for *salomonis*.
- samoana** Czerny, 1932b: 271 (*Cyclospen*). American Samoa.
- sepsoides** Walker, 1859a: 124 (*Calobata*). Indonesia (Maluku); Indonesia (Irian Jaya), Micronesia; Indonesia (Sulawesi)
- impingens* Walker, 1860a: 161 (*Calobata*). Indonesia (Sulawesi).
- contraria* Walker, 1861c: 253 (*Calobata*). Indonesia (Irian Jaya).
- buergersi* Enderlein, 1922b: 184 (*Calobata*). PNG (PNG).
- keyensis* Hennig, 1935a: 87 (*albimana* ssp.). Indonesia (Maluku).
- ponapensis* Hennig, 1935c: 207. Micronesia.
- kusiaeana* Steyskal, 1952b: 170 (*ponapensis* ssp.). Micronesia.
- keiensis*. Incorr. subs. spell. of *keyensis* (Hennig, 1935c: 201).
- spinosa** Steyskal, 1952b: 172 (*Townesa*). Micronesia. **N. comb.**
- stabilis** Walker, 1861d: 298 (*Calobata*). Indonesia (Irian Jaya).
- striatofasciata** Enderlein, 1922b: 184 (*Calobata*). PNG (Bismarck Arch); PNG (Bougainville I), Solomon Is.
- kroeberi* Czerny, 1932b: 270 (*Cyclospen*). PNG (Bismarck Arch).
- tongana** Czerny, 1932b: 372 (*Cyclospen*). Tonga.

Genus RAINIERIA Rondani

- RAINIERIA** Rondani, 1843: 40. Type species: *Calobata calceata* Fallén, 1820, orig. des.
- TANIPODA** Rondani, 1856: 116. Type species: *Calobata calceata* Fallén, 1820, orig. des.
- TANYPODA**, error for *Tanipoda*.
- boninensis** Hennig, 1935c: 300 (*Crepidochetus*). Bonin Is.
- boniensis*, error for *boninensis*.

Genus STEYSKALIA Aczél, n. stat.

STEYSKALIA Aczél, 1959: 79 (*Mimegralla* subg.). Type species: *Mimegralla perfulva* Steyskal, 1952, orig. des.

perfulva Steyskal, 1952b: 169 (*Mimegralla*). Micronesia. **N. comb.**

Unplaced species of Micropezidae

albimana Macquart, 1843: 402(245) (*Calobata*). Indonesia (Java) & Australia (NSW) & Cuba & USA.

brevicellulata Macquart, 1843: 403(246) (*Calobata*). Australia (NSW).

coarctata Walker, 1861d: 298 (*Calobata*). Indonesia (Irian Jaya).

forficuloides Walker, 1861c: 253 (*Micropeza*). Indonesia (Irian Jaya).

plagiata Walker, 1861c: 253 (*Calobata*). Indonesia (Irian Jaya).

rufipes Macquart, 1851: 271(298) (*Calobata*). "Asie."