

## 102. Family TETHINIDAE

By Wayne N. Mathis & Mitsuhiro Sasakawa

Approximately 100 species are now included in the family Tethinidae, although fewer than 20 have been described in the regions under consideration. Several additional species remain to be described. The concept of the family was broadened by Griffiths (1972) and now includes a few rather peculiar species that have adapted to insular habitats in the Southern Hemisphere. No modern comprehensive work is available for the family.

Most species are associated with maritime

habitats, and the adults are sometimes fairly abundant in the wrack zone, especially on windrows of rotting seaweed. A few species occur inland, usually in association with alkaline habitats in arid zones. Adults, for the most part, are rather drab colored, tiny, and inconspicuous and are not frequently collected. Except for *Apetaenus watsoni* Hardy (1962b), virtually nothing is known about the immature stages of the family, although presumably most are associated with rotting seaweed.

### Genus APETAENUS Eaton

**APETAENUS** Eaton, 1875: 58. Type species: *Apetaenus litoralis* Eaton, 1875, mon.

**MACROCANACE** Tonnoir & Malloch, 1926a: 5. Type species: *Milichia littorea* Hutton, 1902, orig. des. **australis** Hutton, 1902a: 174 (*Ochtiphila*). NZ (Campbell I); NZ (Antipodes Is).

*antipoda* Harrison, 1953: 276 (*Macrocanace*). NZ (Antipodes Is).

**litoralis** Eaton, 1875: 58. Kerguelen Is; Crozet Is.

**littoreus** Hutton, 1902a: 174 (*Milichia*). NZ (Antipodes Is); NZ (Bounty Is).

**watsoni** Hardy, 1962b: 965. Macquarie I.

### Genus DASYRHICNOESSA Hendel

**DASYRHICNOESSA** Hendel, 1934b: 38. Type species: *Rhiculoessa fulva* Hendel, 1913, orig. des.

**fulvescens** Malloch, 1935d: 93. Australia (Qld).

**insularis** Aldrich, 1931: 395 (*Tethina*). Wake I; Hawaiian Is, Kiribati (Line Is), Micronesia.

**ferruginea** Lamb, 1914: 367 (*Rhiculoessa*). Seychelles; French Polynesia (Marquesas), Pitcairn Is; Hong Kong, Philippines.

*lasiophthalma* Malloch, 1933b: 17 (*Tethina*). French Polynesia (Marquesas).

**serratula** Malloch, 1935d: 94. Australia (Qld).

**vockerothi** Hardy & Delfinado, 1980: 373. Hawaiian Is.

### Genus PELOMYIA Williston

**PELOMYIA** Williston, 1893b: 258. Type species: *Pelomyia occidentalis* Williston, 1893, mon.

**steyskali** Hardy & Delfinado, 1980: 375. USA; Hawaiian Is; ?Canada.

*coronata*, authors, not Loew, 1866, misid.

### Genus PSEUDORHICNOESSA Malloch

**PSEUDORHICNOESSA** Malloch, 1914: 306. Type species: *Pseudorhiculoessa spinipes* Malloch, 1914, mon.

**MACROTETHINA** Malloch, 1935d: 91 (*Tethina* subg.). Type species: *Tethina tibiseta* Malloch, 1935, orig. des.

**tibiseta** Malloch, 1935d: 91 (*Tethina*). Australia (Qld).

**Genus TETHINA Haliday**

**TETHINA** Haliday *in* Curtis, 1837*b*: 293. Type species: *Opomyza illota* Haliday, 1838, subs. mon.

Haliday, 1838: 188. [Published in synonymy; first made available in Haliday, 1838: 188.]

**RHICNOESSA** Loew, 1862*c*: 174. Type species: *Rhinoessa cinerea* Loew, 1862 [= *Anthomyza grisea* Fallén, 1823], mon.

**PHYCOMYZA** Melander, 1952*a*: 198. Type species: *Rhinoessa milichioides* Melander, 1913, orig. des.

**horningi** Harrison, 1976: 143. NZ (NZ).

**nigriseta** Malloch, 1924*f*: 337. Australia (NSW); Australia (Qld).

**pallidiseta** Malloch, 1935*d*: 92. Australia (NSW).

**sexseriata** Hendel, 1913*a*: 110 (*Rhinoessa*). Taiwan; Fiji.

**variseta** Melander, 1952*a*: 209 (*Rhinoessa*). USA; Hawaiian Is.

*albula*, authors, not Loew, 1869, misid.

**Genus TETHINOSOMA Malloch**

**TETHINOSOMA** Malloch, 1930*m*: 335. Type species: *Agromyza fulvifrons* Hutton, 1901, orig. des.

**fulvifrons** Hutton, 1901: 93 (*Agromyza*). NZ (NZ).