

92. Family CHAMAEMYIIDAE

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The family Chamaemyiidae comprises approximately 160 species in 12 genera worldwide, although they are found primarily in the Nearctic (ca. 40 spp.) and Palearctic (127 spp.) regions. They are represented in the regions covered here by 12 species in 5 genera. Although previously there were 2 subfamilies, Chamaemyiinae and Cremifanniinae, the latter (not found in the Australasian/Oceanian Regions) has been raised to familial status and placed in another superfamily (Griffiths 1972). The genus *Gayomyia*, previously placed in this family provisionally, is treated here under Eurychoromyiidae.

Little is known of immature stages of Australasian/Oceanian species. Hardy & Delfinado (1980)

recorded *Leucopis ocellatris* from *Dysmicoccus neobrevipes* Beardsley and *Nipaecoccus vastator* (Maskell) in the Hawaiian Islands. They are recorded as predators of aphids and coccids in other regions and are thought to be potentially useful as biological agents of these pests. Colless & McAlpine (1970) also recorded them as predators of psyllids.

Refs.: Malloch (1930a, key, Australian spp.), Brown & Clark (1956, biol.), McAlpine (1960, key, world gen.; 1987, rev. Nearctic spp.), Sluss & Foote (1973, biol.), Cogan (1977, cat. Oriental spp.), Tanasijtshuk *et al.* (1976, immat. biol.), Hamid (1983, ecol.), Tanasijtshuk (1984, cat. Palearctic spp.), Barber (1985, biol., immat. stages), Ferrar (1987, immat. biol.).

Subfamily CHAMAEMYIINAE

Tribe CHAEMYIINI

Genus ACROMETOPIA Schiner

ACROMETOPIA Schiner, 1862b: 434. Type species: *Oxyrhina wahlbergi* Zetterstedt, 1846, des. Coquillett, 1910: 503.

ACROMETOPIDA Enderlein, 1929: 57. Type species: *Acrometopida reicherti* Enderlein, 1929, orig. des. **reicherti** Enderlein, 1929: 58 (*Acrometopida*). Sri Lanka; Australia (Qld), PNG (Bismarck Arch); Japan, Malaysia (Sabah), USSR.
annulitibia Smith, 1966c: 460. PNG (Bismarck Arch).

Genus CHAETOLEUCOPIS Malloch

CHAETOLEUCOPIS Malloch, 1932h: 216. Type species: *Chaetoleucopis dactylopivora* Malloch, 1932, orig. des.
dactylopivora Malloch, 1932h: 216. Australia (NSW).

Genus CHAMAEMYIA Meigen

CHAMAEMYIA Meigen, 1803: 278. Type species: *Chamaemyia elegans* Panzer, 1809, des. I.C.Z.N., 1968: 16.

OCHTIPHILA Fallén, 1823f: 9. Type species: *Ochtiphila aridella* Fallén, 1823, des. Westwood, 1840: 151. **OCHTHEPHILA**, **OCHTHIPHILA**, errors for *Ochtiphila*.
Unidentified sp. — Australia (Colless & McAlpine, 1970: 724).

Tribe LEUCOPINI

Genus LEUCOPIS Meigen

LEUCOPIS Meigen, 1830: 113. Type species: *Anthomyza griseola* Fallén, 1823, des. Blanchard, 1840: 627 (as "*griseola*").

Subgenus LEUCOPIS Meigen

LEUCOPIS Meigen, 1830: 113 (as gen.). Type species: *Anthomyza griseola* Fallén, 1823, des. Blanchard, 1840: 627 (as "*griseola*").

albipuncta Zetterstedt, 1855: 4810. Sweden; Hawaiian Is [immigrant]; Nearctic, Palearctic Regs.
nigricornis, authors, not Egger, 1862, misid.

ocellaris Malloch, 1940e: 272. Canada; Hawaiian Is [immigrant]; USA.

Subgenus NEOLEUCOPIS Malloch

NEOLEUCOPIS Malloch, 1921a: 357. Type species: *Leucopis pinicola* Malloch, 1921, orig. des.

nigraluna McAlpine, 1971: 1857. India; Hawaiian Is [introduced]; Pakistan.

obscura Haliday, 1833: 150, 173. Ireland; Hawaiian Is [introduced], NZ (NZ) [introduced; ?established]; W Palearctic Reg.

tapiae Blanchard, 1964: 137. Argentina; NZ (NZ) [introduced]; USSR, Europe, New World [introduced].

Genus PSEUDOLEUCOPIS Malloch

PSEUDOLEUCOPIS Malloch, 1925f: 93. Type species: *Pseudoleucopis magnicornis* Malloch, 1925, orig. des.

benefica Malloch, 1930o: 490. Australia (ACT); NZ (NZ) [introduced; ?established]; N. Am. [introduced; ?established].

fasciventris Malloch, 1925h: 335. Australia (NSW).

flavitaris Malloch, 1925f: 93. Australia (NSW).

magnicornis Malloch, 1925f: 93. Australia (NSW).