

95. Family CHYROMYIDAE

By Brian R. Pitkin

This is a small family of 40 or more described species occurring in most areas of the world, although predominantly Holarctic in distribution. It is represented in the Australasian/Oceanian regions by only 5 described species in 3 genera, all but 1 from Hawaii (Hardy & Delfinado 1980).

Little is known of the life histories of the Australasian/Oceanian species. Colless & McAlpine (1970) recorded adults of *Aphaniosoma* spp. from flowers of *Hibiscus* and closely related plants in Australia, while larvae of 1 species have been col-

lected in bat guano in caves. An undescribed species of *Aphaniosoma* occurs in Australia and Papua New Guinea on flowers of *Santalum* in dry country (D.K. McAlpine, *in litt.*) Adults of *A. macalpinei* have been collected on *Scaveola frutescens* and in light traps, and adults of *Gymnochiromyia hawaiiensis* have been collected mostly on windows as well as on *Acacia* and at light.

Ref.: Hardy & Delfinado (1980, Hawaiian spp.).

Subfamily CHYROMYINAE

Genus APHANIOSOMA Becker

APHANIOSOMA Becker, 1903: 186. Type species: *Aphaniosoma approximatum* Becker, 1903, mon. **macalpinei** Hardy *in* Hardy & Delfinado, 1980: 174. Hawaiian Is. **minutum** Hardy *in* Hardy & Delfinado, 1980: 174. Hawaiian Is.

Genus GYMNOCHIROMYIA Hendel

GYMNOCHIROMYIA Hendel, 1933b: 43. Type species: *Peletophila minima* Becker, 1904, orig. des. **hawaiiensis** Hardy *in* Hardy & Delfinado, 1980: 177. Hawaiian Is. **nigradorsum** Malloch, 1925f: 94 (*Aphaniosoma*). Australia (NSW).

Subfamily NANNODASTIINAE

Genus NANNODASTIA Hendel

NANNODASTIA Hendel, 1930: 68. Type species: *Nannodastia horni* Hendel, 1930, mon. **horni** Hendel, 1930: 70. Taiwan; Hawaiian Is, Pitcairn Is.