

## 68. Family PIOPHILIDAE

By Brian R. Pitkin

**T**his is a small family of 67 species in 23 genera, mainly Holarctic in distribution. Most are scavengers in animal products and fungi. A few species, probably of northern origin, are synanthropic, including the "cheese fly," "cheese

skipper," or "bacon fly", *Piophila casei*. Only 8 species in 2 genera are recorded from the Australasian/Oceanian Regions.

*Refs.:* McAlpine (1977, evol., phylog., classif., keys).

### Subfamily PIOPHILINAE

#### Tribe PIOPHILINI

##### Genus PIOPHILA Fallén

**PIOPHILA** Fallén, 1810a: 20. Type species: *Musca casei* Linnaeus, 1758, mon.

**TYROPHAGA** Kirby in Kirby & Spence, 1826: 78. Type species: *Musca casei* Linnaeus, 1758, mon.

**PROTOPIOPHILA** Duda, 1924c: 109 (*Piophila* subg.). Type species: *Piophila latipes* Meigen, 1838, des. Imperial Bureau of Entomology, 1925: 273.

**CLUSINA** Curran, 1934c: 449. Type species: *Clusina nigriventris* Curran, 1934, orig. des.

**australis** Harrison, 1959: 173 (*Protopiophila*). NZ (NZ); Australia (NSW), Fiji, Hawaiian Is.

**casei** Linnaeus, 1758: 597 (*Musca*). Not given [Europe]; NZ (NZ); N to Siberia in Old World, Patagonia, N to arctic Canada in New World; almost cosmopol.

**smithii** Hutton, 1901: 89. NZ (NZ).

**contecta** Walker, 1860a: 167. Indonesia (Sulawesi); Australia (NT, Qld), PNG (PNG), apparently widesp. trop. Pacific Is.

**scutellata** Harrison, 1960: 2 (*Protopiophila*). Vanuatu; Hawaiian Is [intercepted; not established].

##### Genus PIOPHILOSOMA Hendel

**PIOPHILOSOMA** Hendel, 1917: 37. Type species: *Piophilosoma palpatum* Hendel, 1917, orig. des.

**CHAETOPHIOPHILA** Malloch, 1928d: 309. Type species: *Chaetopiophila hyalipennis* Malloch, 1928 [= *Thyreophora antipodum* Osten Sacken, 1881], orig. des.

**antipodum** Osten Sacken, 1881b: 35 (*Thyreophora*). Australia (Tas); Australia (NSW).

**hyalipennis** Malloch, 1928d: 309 (*Chaetopiophila*). Australia (NSW).

**scutellata** Malloch, 1931e: 293 (*Chaetopiophila*). Australia (NSW).

**norrisi** Paramonov, 1954c: 297 (*Chaetopiophila*). Australia (ACT).

**palpatum** Hendel, 1917: 37. Australia (NSW); Australia (ACT, SA, WA).

**palpalis** Paramonov, 1954c: 296 (*Chaetopiophila*). Australia (ACT).