

## 30. Family RHAGIONIDAE

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The family Rhagionidae contains 21 genera (Nagatomi 1982a), of which the following 5 are known from the Australasian Region: *Atherimorpha* (Australia, Chile, Argentina, southern Africa); *Austroleptis* (Australia, Chile); *Chrysopilus* (worldwide); *Solomomyia* (Solomon Is); *Spaniopsis* (Australia).

*Atherix* Meigen (and related genera) and *Vermileo* Macquart (and related genera) were separated from Rhagionidae as Athericidae (Stuckenberg 1973) and Vermileonidae (Nagatomi 1977), respectively.

The larvae of rhagionids are at least partly predaceous, but it is almost certain that the adults are not so. Adults of *Spaniopsis*, as well as some species of *Symphoromyia* Frauenfeld from North America and Central Asia, are blood feeders. For a general discussion of the structure of the adult mouthparts in some genera and species, see Nagatomi & Soroida (1985).

Ref.: Paramonov (1962, rev. Australian spp.).

### Genus ATHERIMORPHA White

**ATHERIMORPHA** White, 1914b: 41. Type species: *Atherimorpha vernalis* White, 1914, mon.  
**THEREVIRHAGIO** Lindner, 1925: 20. Type species: *Therevirhagio setosiradiatus* Lindner, 1925, mon.  
**agathae** Paramonov, 1962: 167. Australia (NSW); Australia (ACT).  
**alisae** Paramonov, 1962: 158. Australia (NSW).  
**communi** Paramonov, 1962: 164. Australia (WA).  
**corpulenta** Paramonov, 1962: 166. Australia (ACT); Australia (NSW).  
**edgari** Paramonov, 1962: 164. Australia (NSW).  
**flavofasciata** Paramonov, 1962: 161. Australia (NSW).  
**fulva** Hardy, 1920a: 121 (*vernal* ssp.). Australia (Tas).  
**infuscata** Paramonov, 1962: 162. Australia (Tas).  
**mcalpinei** Paramonov, 1962: 167. Australia (NSW).  
**montana** Hardy, 1927a: 125 (*vernal* ssp.). Australia (Tas); Australia (NSW).  
**norrisi** Paramonov, 1962: 162. Australia (WA).  
**occidens** Hardy, 1927a: 126 (*vernal* ssp.). Australia (Tas).  
**pusilla** Paramonov, 1962: 165. Australia (NSW).  
**rieki** Paramonov, 1962: 157. Australia (Tas).  
**setosiradiata** Lindner, 1925: 20 (*Therevirhagio*). Australia (NSW).  
**tonnoiri** Paramonov, 1962: 159. Australia (Tas).  
**uptoni** Paramonov, 1962: 163. Australia (NSW).  
**vernal** White, 1914b: 42. Australia (Tas); Australia (NSW).  
**victoriana** Paramonov, 1962: 160. Australia (Vic).  
**villosissima** Paramonov, 1962: 158. Australia (NSW).

### Genus AUSTROLEPTIS Hardy

**AUSTROLEPTIS** Hardy, 1920a: 126. Type species: *Austroleptis rhyphoides* Hardy, 1920, orig. des.  
**collessi** Paramonov, 1962: 138. Australia (NSW).  
**multimaculata** Hardy, 1920a: 128. Australia (Tas).  
**rhyphoides** Hardy, 1920a: 127. Australia (Tas); Australia (ACT, NSW).

Genus **CHRYSOPILUS** Macquart

- CHRYSOPILUS** Macquart, 1826b: 403. Type species: *Rhagio diadema* Fabricius, 1775, des. Westwood, 1840: 134.
- HELIOMYIA* Doleschall, 1857: 402. Type species: *Heliomyia ferruginea* Doleschall, 1857 [= *Leptis ferruginosus* Wiedemann, 1819], mon.
- MACELLOPALPUS* Bigot, 1886a: xlvi [1886b: xlvi]. Type species: *Macellopalpus flaveolus* Bigot, 1886 [= *Leptis ferruginosus* Wiedemann, 1819], mon.
- CHRYSOPILA*, *CHRYSOPYLA*, errors for *Chrysopilus*.
- androgynus** Paramonov, 1962: 123. Australia (NSW); New Caledonia (New Caledonia).
- argenteus** Paramonov, 1962: 123. Australia (Vic).
- auratus* Fabricius – not Australasian/Oceanian.
- basifasciatus** Paramonov, 1962: 124. Australia (ACT); Australia (NSW, Qld, Tas).
- binoculatus** Edwards, 1915b: 397. Indonesia (Irian Jaya).
- coeruleothorax** Lindner, 1925: 22. Fiji.
- collessi** Paramonov, 1962: 127. Australia (NSW).
- communi** Paramonov, 1962: 128. Australia (NSW).
- edgari** Paramonov, 1962: 130. Australia (SA); Australia (NSW, Tas).
- faceticus** Paramonov, 1962: 125. Australia (NSW).
- ferruginosus** Wiedemann, 1819a: 4 (*Leptis*). Indonesia (Java); Indonesia (Irian Jaya, Maluku), PNG (PNG); Oriental Reg.  
*ferruginea* Doleschall, 1857: 402 (*Heliomyia*). Indonesia (Maluku).  
*flaveolus* Bigot, 1886a: xlvi [1886b: xlvi] (*Macellopalpus*). “Nouvelle-Guinée.”
- gratosus** Paramonov, 1962: 131. Australia (ACT); Australia (NSW, Vic).
- guttipennis** Walker, 1861d: 282. Indonesia (Irian Jaya).
- guttulatus** de Meijere, 1914a: 31 (n. n. for *fenestratus* de Meijere). Indonesia (Irian Jaya).  
*fenestratus* de Meijere, 1913b: 321. Indonesia (Irian Jaya). [Preocc. Bezzi, 1912.]
- hardyi** Nagatomi & Evenhuis, n. n. Australia (Qld).  
*fascipennis* Hardy, 1933b: 408. Australia (Qld). [Preocc. Brunetti, 1920.]
- heroicus** Paramonov, 1962: 126. Australia (NSW); Australia (ACT).
- howei** Paramonov, 1962: 119. Lord Howe I.
- iani** Paramonov, 1962: 128. Australia (Qld); Australia (NSW).
- imitator** Paramonov, 1962: 129. Australia (NSW); Australia (Vic, Tas).
- impar** Walker, 1861d: 282 (*Leptis*). Indonesia (Maluku).
- intermedius** Paramonov, 1962: 131. Australia (NSW); Australia (ACT).
- mackerrasi** Paramonov, 1962: 120. Australia (Qld); Australia (NSW).
- mcalpinei** Paramonov, 1962: 121. Australia (Qld).
- montanorum** Paramonov, 1962: 132. Australia (NSW); Australia (Vic).
- nitidiventris** Tonnoir, 1927: 105. NZ (NZ).
- norrisi** Paramonov, 1962: 124. Australia (NSW).
- opalizans** de Meijere, 1913a: 49. Indonesia (Irian Jaya).
- stylatus** Walker, 1864: 208. Indonesia (Irian Jaya).
- tasmaniensis** White, 1914b: 40. Australia (Tas); New Caledonia (New Caledonia).
- tonnoiri** Paramonov, 1962: 126. Australia (NSW); Australia (ACT).
- vacillans** Walker, 1858b: 89. Indonesia (Maluku).
- villosissimus** Paramonov, 1962: 129. Australia (NSW); Australia (ACT).
- waigiensis** Bigot, 1887a: 108 (*Leptipalpus*). Indonesia (Irian Jaya).

Genus **SOLOMOMYIA** Nagatomi

- SOLOMOMYIA** Nagatomi, 1982a: 50. Type species: *Solomomyia gressitti* Nagatomi, 1982, orig. des. *gressitti* Nagatomi, 1982a: 51. Solomon Is.

**Genus SPANIOPSIS White**

- SPANIOPSIS** White, 1914b: 43. Type species: *Spaniopsis tabaniformis* White, 1914, mon.  
**clelandi** Ferguson, 1915: 240. Australia (NSW); Australia (ACT).  
**longicornis** Ferguson, 1915: 242. Australia (NSW); Australia (Vic).  
**mackerrasi** Paramonov, 1962: 140 (*Spania*). Australia (NSW).  
**marginipennis** Ferguson, 1915: 239. Australia (NSW).  
**rieki** Paramonov, 1962: 145 (*Spania*). Australia (WA).  
**tabaniformis** White, 1914b: 44. Australia (Tas).  
**vexans** Ferguson, 1915: 238. Australia (NSW).

**Unplaced species of Rhagionidae**

- aequalis** Walker, 1848: 216 (*Leptis*). "New Holland."  
**antipodes** Bigot, 1887a: 105 (*Chrysopilus*). "Australia."  
**pusilla** Macquart, 1855: 88(68) (*Atherix*). Australia (SA).  
**rufipes** Macquart, 1850: 407(103) (*Chrysopilus*). Australia (Tas).