

Apterygothrips viretum

Distinguishing features

Both sexes micropterous (female rarely fully winged). Body legs and antennae brown to dark brown; tarsi slightly paler, antennal segment III pale at extreme base, sometimes entirely pale. Head elongate, slightly constricted behind eyes and at base, with faint lines of sculpture near base; ocelli well developed; compound eyes larger dorsally than ventrally; postocular setae pointed; maxillary stylets about one-third of head width apart, retracted nearly to postocular setae; maxillary bridge stout.

Antennae 8-segmented; segment III with 2 sense cones, IV usually with 2 (rarely 3). Pronotum major setae pointed, anteromarginal and anteroangular setae short; basantra present. Mesopresternum broadly boat-shaped, metathoracic sternopleural sutures reaching almost halfway to hind coxae. Fore tarsal tooth present. Fore wings parallel-sided, with no duplicated wing cilia. Pelta faintly sculptured on anterior margin; tergites II–VII each with 1 or 2 pairs of almost straight wing-retaining setae; tergite VIII with postero-angular and posteromarginal setae acute; tergite IX posteromarginal setae acute, nearly as long as tube. Macroptera with fore wings pale but shaded around sub-basal setae; wing-retaining setae well-developed.

Male similar to female microptera, tergite IX posteromarginal setae S2 short, stout.

Related species

Four species from New Zealand are placed in the genus *Apterygothrips*, but the 40 species currently placed in this genus possibly do not represent a single phylogenetic lineage. These species are similar to species of *Haplothrips*, but have only two or three sense cones on the fourth antennal segment, instead of four, the tergal wing-retaining setae are weak or absent, and the fore wing, if present, lacks duplicated cilia and is scarcely constricted medially. The third antennal segment bears two sense cones in *A. viretrum* but in the other three *Apterygothrips* species from New Zealand this segment bears only one sense cone. Moreover, *A. viretrum* can apparently be distinguished by the presence of metathoracic sternopleural sutures.

Biological data

Apparently living in association with *Juncus* species

Distribution data

Known only from New Zealand (AK, TK / NN, SD, MB, KA, BR, MC, MK, CO, SL).

Family name

PHLAEOTHRIPIDAE, PHLAEOTHRIPINAE

Species name

Apterygothrips viretrum Mound & Walker

Original name and synonyms

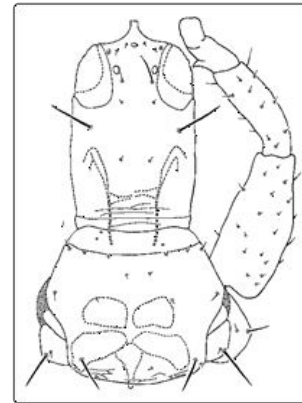
Apterygothrips viretrum Mound & Walker, 1986: 44

References

Mound LA & Walker AK (1986) Tubulifera (Insecta: Thysanoptera). *Fauna of New Zealand* 10: 1–140.



Antenna



Pelta & tergites II–III

