

Adelphithrips dolus

Distinguishing features

Both sexes fully winged. Female brown, tarsi, fore tibiae, and antennal segment III yellowish brown; fore wing and clavus deeply shaded. Head slightly wider than long with 2 pairs of ocellar setae; pair I absent; pair III between or behind posterior ocelli; mouth cone short, rounded. Antenna 8-segmented and relatively short; segments III and IV each with a forked sense cone. Pronotum transverse; median area and anterior half with transverse sculpture lines; postero-angular setae long, the inner one about 1.5 as long as the outer; all 3 pairs of postero-marginal setae about twice as long as discal setae. Metanotum reticulate, median setae near anterior margin. Tarsi 2-segmented; pretarsus of fore leg apparently without a terminal tooth. Fore wing long, slender; chaetotaxy variable - 1st vein with about 10 setae basally, 4 (or 3, or 2) medially, and 3 (rarely 2) distally, 2nd vein with 16–20 setae. Tergites with lines of sculpture laterally but none medially; paired median setae separated by about 1.5 times their length; postero-lateral margins with a distinct fringe of microtrichia; tergite II with 4 lateral marginal setae; tergites VII and VIII with a few scattered discal microtrichia laterally; tergite VIII with postero-marginal comb long; tergite X with dorsal split about two-thirds as long as tergite. Male similar in colour and structure to female, but paler, with sternites III–VI bearing a broadly oval pore plate, tergite IX with 4 setae in a transverse row anterior to median pores.

Related species

Similar to *A. cassiniae* and *A. nothofagi* but with setae more numerous on fore wing 1st vein. The tergites bear a distinct lateral postero-marginal fringe of microtrichia, as in *A. cassiniae*, but have fewer discal microtrichia. *Adelphithrips* comprises three described species, each of which has a different arrangement of sternal pore plates in males; these are present on three in *A. cassiniae*, four in *A. dolus*, and two in *A. nothofagi*.

Biological data

Hosts not known; collected from under the bark and in the flowers of *Senecio stewartiae*. One female collected from Penguin Creek, in nest of black tit (*Petroica macrocephala dannefaerdi*).

Distribution data

Known only from The Snares, New Zealand.

Family name

THRIPIDAE, THRIPINAE

Species name

Adelphithrips dolus Mound & Walker

Original name and synonyms

Adelphithrips dolus Mound & Walker, 1982: 60

References

Mound LA & Walker AK (1982) Terebrantia (Insecta: Thysanoptera). *Fauna of New Zealand* 1: 1–113.



Antenna



Female tergites VI-VIII



Male tergites VII-X



Male sternites IV-VII