

Dikrothrips diphyes

Distinguishing features

Both sexes fully winged. Female brown, tarsi and bases and apices of tibiae yellow; antennal segments III-V with pedicels yellow; fore wing clear at base and apex, brown medially; major setae dark. Head strongly sculptured, with 3 pairs of ocellar setae, pair III small, arising between posterior ocelli.

Antennae 8-segmented, segment I without paired dorso-apical setae; segments III and IV each with a short apical neck and long forked sense cone; segment V with few microtrichia. Pronotum broad, reticulate, with 2 pairs of short posteroangular setae and 4 (or 3) pairs of posteromarginals. Metanotum reticulate; median setae short, not at anterior margin. Fore tarsus with small terminal claw. Fore wing 1st vein with 4+4+2 setae; 2nd vein with 12 setae; scale with 5 or 6 marginal setae. Tergite I fully sculptured; tergites II-VII sculptured laterally and in front of median setae and pores, the lateral sculpturing often bearing broad-based microtrichia, median setae small, widely separated; tergal posterior margins with narrow craspedum of minute triangular lobes; tergite VIII with posteromarginal comb complete but slightly irregular; tergite X with median split almost complete.

Male fully winged or micropterous. Similar to female but smaller and paler; tergite VIII with a pair of tubercles or a large, Y-shaped median tubercle, depending on body size, the submedian tergal setae arising near tips of the 'horns'; tergite IX large with a pair of small tubercles mediolaterally each bearing a small seta; sternite III with small oval pore plate.

Related species

Only one species is known in the genus *Dikrothrips*, and because of the remarkable structure of the males it is difficult to suggest any relationships. The females resemble species of *Dichromothrips* but have a pair of setae in front of the first ocellus.

Biological data

Adults and larvae have been found on young expanding leaves of *Nestegis lanceolata* and *N. montana* [Oleaceae] (Martin & Mound, 2004).

Distribution data

Known only from New Zealand (AK, TO, RI).

Family name

THRIPIDAE, THRIPINAE

Species name

Dikrothrips diphyes Mound & Walker

Original name and synonyms

Dikrothrips diphyes Mound & Walker, 1982: 64

References

Martin NA & Mound LA. (2004) Host plants for some New Zealand thrips (Thysanoptera: Terebrantia). *New Zealand Entomologist* 27: 119-123.
Mound LA & Walker AK (1982) Terebrantia (Insecta: Thysanoptera). *Fauna of New Zealand* 1: 1-113.



Antenna



Thorax and tergites I-II



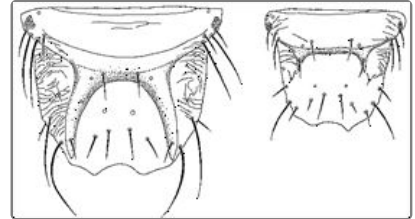
Sternites V-VII



Tergites VI-X



Male tergite IX



Tergite IX of large & small male