

Anaphothrips barrowi



Distinguishing features

Female macroptera. Body, legs and antennal segments I–III yellow, IV–VI faintly shaded at apex, VII–IX palest brown; fore wings pale; tergite IX major setae pale. Head wider than long, with closely spaced sculpture lines behind eyes; eyes with 6 pigmented facets; ocellar setae III outside ocellar triangle. Antennae 9-segmented; III–IV with sense cone forked, II without microtrichia; VI not pedicellate, suture between VI–VII oblique. Pronotum almost without sculpture, or with faint well-spaced, transverse lines; with no long setae, discal setae small. Metascutal sculpture irregularly reticulate with some elongate reticles; median setae fine and well back from anterior margin; campaniform sensilla absent. Fore wing first vein with about 9 setae basally, 2 setae medially and 2 setae near apex; second vein with 9–11 setae; clavus with 5 veinal setae plus one seta at base. Abdominal tergites II–VII with no sculpture medially, lateral to setae S2 with about 7 lines bearing short microtrichia; VIII with long regular marginal comb.

Male macroptera. Similar to female; tergite IX with two pairs of setae scarcely thickened; sternite III with pore plate close to anterior margin, weakly defined, transverse and slender or apparently broken medially or possibly even absent.



Related species

There are 43 species of *Anaphothrips* known from Australia (Mound & Masumoto, 2009), out of a total of 86 species worldwide (ThripsWiki, 2020). Many of these species have the antennae clearly 9-segmented, others clearly have only 8 segments, but several species have an intermediate condition with segment VI bearing a partial and often oblique transverse suture as in *A. barrowi*. The pronotal setae are short, and the fore wing clavus has no discal seta. Some species in this genus can be recognised only in the male sex. *A. barrowi* females are similar to those of *A. barringtoni* but the pore plate on the third sternite of the male is slender.

Biological data

Feeding on the leaves of *Eremophila* sp. [Myoporaceae].

Distribution data

Known only from Barrow Island, Western Australia.

Family name

THRIPIDAE - THIRIPINAE

Species name

Anaphothrips barrowi Mound & Masumoto

Original name and synonyms

Anaphothrips barrowi Mound & Masumoto, 2009: 21.

References

Mound LA & Masumoto M (2009) Australian Thripinae of the *Anaphothrips* genus-group (Thysanoptera), with three new genera and thirty-three new species. *Zootaxa* 2042: 1–76.
<http://www.mapress.com/zootaxa/2009/f/zt02042p076.pdf>

