

# Anaphothrips zelandicus

## Distinguishing features

Both sexes wingless. Variable in colour; some specimens yellow with abdominal segments IX and X and antennal segments II–IX brown; but most specimens dark brown, with apices of tibiae and extreme base of antennal segment III paler; terminal setae of abdomen very dark. Head reticulate, without ocelli. Antennae 9-segmented; sense cone on segment IV forked, that on segment III forked or simple; segment VI divided by a complete transverse suture. Pronotum weakly sculptured; all setae small. Metanotum with 2–5 pairs of posteromarginal setae. Tarsi 2-segmented. Tergites with 3 pairs of setae forming a median transverse line with submedian pores, and posterior margin with a very short (2 microns), broadly lobed craspedum; tergite IX with median dorsal setae stout. Male similar to female, with 2 pairs of thorn-like setae on tergite IX, sternites III–VII with a transversely oval pore plate.

## Related species

*A. zelandicus* is similar in appearance to *Apterothrips apteris*, but differs most obviously in lacking deeply lobed craspeda on the posterior margins of the sternites. There are 43 species of *Anaphothrips* known from Australia, out of a total of 81 species worldwide (Mound & Masumoto, 2009). Many of these species have the antennae clearly 9-segmented as in *A. zelandicus*, others have only 8 segments, but several have an intermediate condition with segment VI bearing a partial and often oblique transverse suture as in *A. obscurus*.

## Biological data

*Anaphothrips* species are commonly associated with Poaceae, but most of the available specimens of *A. zelandicus* were collected from leaf litter, although some specimens were recorded from *Salicornia* at Nelson. It presumably feeds and breeds on leaves.

## Distribution data

Known only from New Zealand (TK / NN, MB, MK, CO, OL / Chatham Islands and Antipodes Islands). Adults have been collected from November to February.

## Family name

THRIPIDAE, THRIPINAE

## Species name

*Anaphothrips zelandicus* Mound

## Original name and synonyms

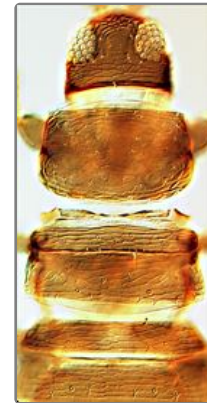
*Anaphothrips zelandicus* Mound, 1978: 99.

## References

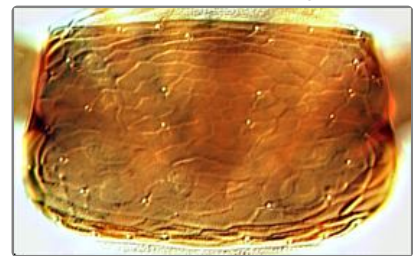
Mound LA (1978) Five new species of Thripidae (Thysanoptera) endemic to New Zealand. *New Zealand Journal of Zoology* 5: 615–222.  
Mound LA & Walker AK (1982) Terebrantia (Insecta: Thysanoptera). *Fauna of New Zealand* 1: 1–113.



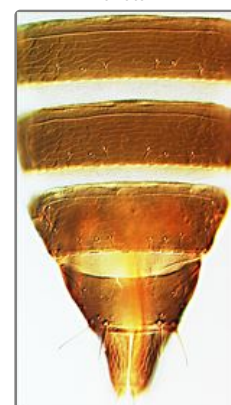
Antenna



Head, thorax and abdominal tergites I-II



Pronotum



Tergites VI-X