

# Anaphothrips occidentalis

## Distinguishing features

Female fully winged. Body and legs dark brown, tarsi and apices of tibiae yellow; antennal segments I–II and IV–IX dark brown, III yellow; fore wings pale with a dark submedian band; major setae dark. Antennae 9-segmented; segments III–IV with apex slightly constricted; VI with narrow pedicel; IX longer than VIII. Head without long setae, as long as wide, ocellar setae III outside ocellar triangle, just anterior to hind ocelli; maxillary palps 3-segmented. Pronotum without long setae, weakly trapezoidal, weakly sculptured. Metanotum reticulate, median setae behind anterior margin, campaniform sensilla present. Fore wing first vein with 8 setae basally, then about 10 setae irregularly; second vein with 11–16 setae; clavus with 5–6 veinal setae and one basal seta. Abdominal tergites weakly sculptured laterally, without microtrichia; VIII posterior margin deeply concave, without comb; X longer than IX.

Male apterous. Bicoloured, head and abdominal segments VI–X dark brown, remainder and legs variably yellowish brown; tergite IX medially with two pairs of short stout setae; sternites III–VII with very large C-shaped pore plate.

## Related species

Almost 80 species from around the world are currently placed in *Anaphothrips*, but only two are established in Britain, with a further five species recorded from elsewhere in Europe (zur Strassen, 2003). There are 17 *Anaphothrips* species known from North America, all living on grasses (Nakahara, 1995), and 43 from Australia, mostly living on plants other than grasses (Mound & Masumoto, 2009). This Australian species differs from the two native British species in lacking a comb on the posterior margin of tergite VIII.

## Biological data

Feeding and breeding on leaves of *Anigozanthos* species, and possibly other members of Haemodoraceae from Australia.

## Distribution data

Not a British species, but native to Western Australia, this has been taken once only in Britain. A single adult female was found under glass at the Royal Botanic Gardens, Kew, on *Anigozanthos rufus* recently imported from Australia (Collins, 2010a).

## Family name

THRIPIDAE - THRIPINAE

## Species name

*Anaphothrips occidentalis* Pitkin

## Original name and synonyms

*Anaphothrips occidentalis* Pitkin, 1978: 364

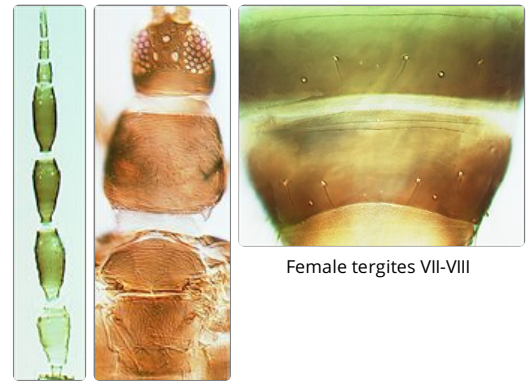
## References

Collins DW (2010a) Thysanoptera of Great Britain: a revised and updated checklist. *Zootaxa* 2412: 21–41.

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.

Nakahara S (1995) Review of the Nearctic species of *Anaphothrips* (Thysanoptera: Thripidae). *Insecta Mundi* 9 (3-4): 221–241.

zur Strassen R (2003) Die terebranten Thysanopteren Europas und des Mittelmeer-Gebietes. *Die Tierwelt Deutschlands* 74: 1–271.



Antenna Head & thorax

Female tergites VII-VIII



Male sternites