

Anaphothrips badius

Distinguishing features

Both sexes fully winged. Body, legs and antennae brown, antennal segments III–IV paler, II dark brown; fore wing light brown. Antennae 9-segmented, segment VI with a complete slightly oblique suture; segments III–IV with small forked sense cone. Head without long setae; ocellar setae III arising well outside ocellar triangle; maxillary palps 3-segmented. Pronotum without long setae. Metanotum reticulate, median setae well behind anterior margin, campaniform sensilla present. Fore wing with veinal setae shorter than half of wing width, first vein with 2 setae on distal half, second vein with 8–10 equally spaced setae. Abdominal tergites medially with no sculpture lines; tergite VIII with complete posteromarginal comb of long slender microtrichia.

Male with sternites III–VII each with small round to oval pore plate.

Related species

About 85 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). *A. badius* is similar in structure to the more common *A. obscurus*, but is a much darker species. .

Biological data

Presumably feeding and breeding on leaves, and associated with *Phragmites* [Poaceae] and *Carex* [Cyperaceae], but the larvae have not been recorded in Britain.

Distribution data

Collected from only five locations in England since 1912, beginning with the type population from Wicken Fen, Cambridgeshire (Williams, 1913), and then also West London, Oxfordshire, Norfolk and Northumberland (Mound *et al.*, 1976; Collins, 2021a). Recorded in Central and Eastern Europe south from Norway, and also from Spain.

Family name

THRIPIDAE - THRIPINAE

Species name

Anaphothrips badius (Williams)

Original name and synonyms

Euthrips badius Williams, 1913: 221

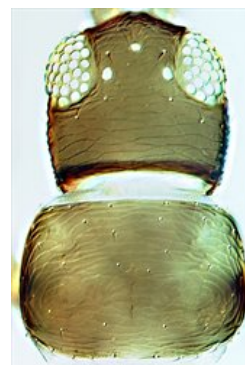
Anaphothrips badius var. *pectens* Bagnall, 1923: 57

References

Collins DW (2021a) Noteworthy recent records of species of Thripidae (Thysanoptera) in Great Britain. *British Journal of*



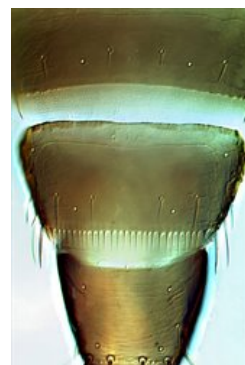
badius antenna



badius head & pronotum



badius meso & metanota



badius tergites VII-IX

Entomology and Natural History **34**: 169–191.

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.

Mound LA, Morison GD, Pitkin BR & Palmer JM (1976) Thysanoptera. *Handbooks for the Identification of British Insects* **1** (11): 1–79.

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

Williams CB (1913) Records and descriptions of British Thysanoptera. *Journal of Economic Biology* **8** (4): 216–230.

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