

# Hemianaphothrips articulatus

## Distinguishing features

Both sexes usually apterous, rarely macropterous. Body, legs and antennae yellow, except antennal segments VI–IX brown, and V brown in apical half; fore wing shaded. Antennae slender, 9-segmented, III and IV each with a slender forked sense cone, III without microtrichia ventrally, suture between VI and VII transverse and complete. Head with 3 pairs of ocellar setae, pair III small and wide apart close to compound eyes. Postocular setae in a straight row. Pronotum with no prominent setae. Metanotum irregularly reticulate, median setae well behind anterior margin, campaniform sensilla absent. Tergites with reticulate sculpture, II–VII median setae small and wide apart, campaniform sensilla close to posterior margin; VIII with irregular lobed craspedum bearing finely pointed apices; IX with 2 pairs of campaniform sensilla; X with complete longitudinal split. Sternites with no discal setae, setal pair S1 on VII arising well in front of margin. Male smaller than female; tergite IX with 2 pairs of thorn-like setae; sternites III–VII each with a C-shaped pore plate.

## Related species

*Hemianaphothrips* was raised to the status of full genus by Bhatti (1978). However, this species is similar in appearance to at least one of the *Anaphothrips* known from Australia (Mound & Masumoto, 2009), and the systematic relationships of the genus *Hemianaphothrips* remain in some doubt. Currently it includes two species, although *nanus* Hood from North America is possibly not congeneric with *articulatus*.

## Biological data

Apparently feeding and breeding on the leaves of various Poaceae in damp areas, including *Glyceria*, *Calamagrostis* and *Phalaris*.

## Distribution data

In Britain taken on only two occasions, on grasses at Derwent Water, Cumbria, in 1947, and on *Glyceria maxima* at Staines, west of London, in 1954 (Pitkin, 1969; Mound *et al.*, 1976). Otherwise found across the middle belt of Europe from Norway (Kobro, 2011) to the Mediterranean.

## Family name

THRIPIDAE - THRIPINAE

## Species name

*Hemianaphothrips articulatus* (Priesner)

## Original name and synonyms

*Anaphothrips* (*Hemianaphothrips*) *articulatus* Priesner, 1925: 5

## References

Bhatti JS (1978) Systematics of *Anaphothrips* Uzel 1895 *sensu lato* and some related genera (Insecta: Thysanoptera:



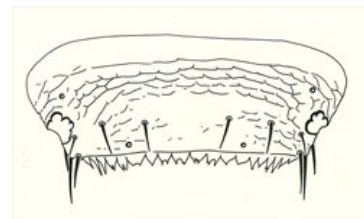
Antenna



Antenna



Tergites VII-IX



Tergite VIII

Thripidae). *Senckenbergiana-Biologica* **59**: 85–114.

Kobro S (2011) Checklist of Nordic Thysanoptera. *Norwegian Journal of Entomology* **58**: 20–26.

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.

Pitkin BR (1969) New records of Thysanoptera in the British Isles. *Entomologist's Monthly Magazine* **105**: 201–202.