

Cephalothrips monilicornis

Distinguishing features

Female fully winged or wingless. Body and legs brown, tarsi and apices of tibiae yellow; antennal segment III brown, IV–VI yellow in basal half; fore wings pale. Antennae 8-segmented; segment III with 1 sense cone, IV with 2 sense cones; segment VII with broad pedicel. Head longer than wide, eyes large and prolonged posteriorly on ventral surface; postocular setae small, wide apart; maxillary stylets retracted to postocular setae, about one fifth of head width apart. Pronotum with only 2 pairs of major setae, epimerals weakly capitate, posteroangulars blunt at apex; prosternal basantra not present. Fore tarsus with small sharply pointed tooth. Metanotum without sculpture. Fore wings parallel sided, without duplicated cilia. Tergal wing-retaining setae weak; tergite IX setae S1 and S2 weakly capitate, shorter than basal width of tube.

Related species

There are eight species listed under the genus *Cephalothrips* from various parts of the world, Europe, Morocco, Kyrgyzstan, Sichuan (China), South Africa, Cuba and California. *C. monilicornis* is distinguished from most of these by having the eyes prolonged on the ventral surface of the head. The only other Phlaeothripidae in Britain that are associated with grasses are *Bolothrips dentipes* and three species of *Haplothrips*.

Biological data

Breeding at the base of grasses and apparently feeding on leaf tissues.

Distribution data

In Britain taken infrequently but widely between Kent and northern Scotland, although mostly from southern England (Mound *et al.*, 1976). Recorded widely across Europe, its range extending south east to Iran, but also recorded from North America (Hoddle *et al.*, 2012).

Family name

PHLAEOTHRIIDAE - PHLAEOTHRIPINAE

Species name

Cephalothrips monilicornis (Reuter)

Original name and synonyms

Phloeothrips monilicornis Reuter, 1880: 21

References

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

Hoddle MS, Mound LA, Paris DL (2012) *Thrips of California* 2012. CBIT Publishing, Queensland.

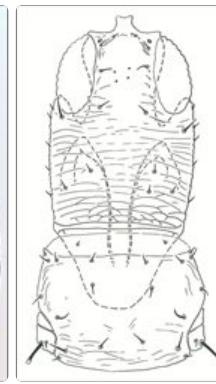
http://keys.lucidcentral.org/keys/v3/thrips_of_california/Thrips_of_California.html



Wingless female



Fore tarsus & tibia



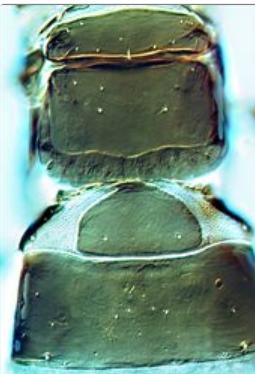
Head & pronotum



Prosternites



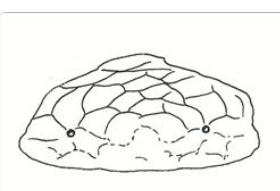
Antenna



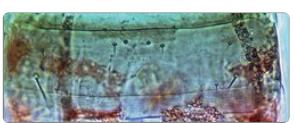
Meso & metanota, pelta & tergite II



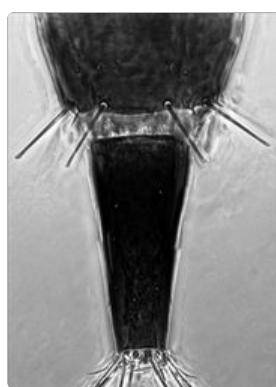
Antenna



Pelta



Abdominal tergite



Abdominal segments IX-X (tube)