

Haplothrips statices

Distinguishing features

Both sexes fully winged and also micropterous. Body, legs and antennae brown to dark brown, fore tarsi paler, antennal segment III lighter brown with yellow band above the pedicel; fore wing weakly shaded with base dark; major setae pale to light brown. Antennae 8-segmented, segment III with 2 sense cones, IV with 4 sense cones; VIII not narrowed to base. Head longer than wide; maxillary stylets varying from about half to one fifth of head width apart, retracted to postocular setae, maxillary bridge complete; postocular setae bluntly pointed, about 0.4 as long as dorsal length of compound eye.

Pronotum with major setae short, anteromarginals no longer than discal setae, anteroangulals and midlaterals slightly longer, epimerals and posteroangulals broadly blunt but no longer than width of antennal segment II; epimeral sutures complete; prosternal basantra present, mesopresternum eroded to paired lateral triangles but weakly joined medially. Fore tarsus with small tooth. Fore wing constricted medially, with about 8 duplicated cilia; sub-basal setae short, S1 and S2 with broadly blunt apices, S3 acute. Tergite IX setae S1 bluntly pointed, about 0.5 as long as tube.

Male with no pore plate on sternite VIII; fore tarsal tooth well developed; tergite IX setae S2 short and stout; aedeagus apex similar to that of *leucanthemi*.



statices Head & pronotum



Antenna

Related species

The genus *Haplothrips* is one of the three most species-rich genera of Thysanoptera, and currently includes about 245 species worldwide. Most of these species come from the Holarctic or the Old World tropics, with 80 listed from Europe and 14 from Britain. No *Haplothrips* species is known to be endemic to the Neotropics, although a few are native to southern South America (Mound & Zapater, 2003). *Haplothrips* species are largely phytophagous, particularly associated with the flowers of Asteraceae and Poaceae, but some are predatory (Mound & Minaei, 2007). *Haplothrips statices* is unusual amongst the *Haplothrips* species found in Britain because it produces both long-winged and short-winged adults. The relationship between these two winged forms remains obscure, and the short-winged form has been treated as a separate sub-species, *morisoni* Priesner. Some specimens of *statices* have the maxillary stylets almost as close together in the head as those of *juncorum*, but antennal segments IV and V are uniformly brown, and the pronotal setae are much shorter than in *juncorum*.

Biological data

Breeding in the flowers and under the leaf rosettes of *Armeria maritima* [Plumbaginaceae].

Distribution data

Recorded in Britain from the south coast of England to the Orkney Islands, and recently for the first time from Wales (Collins, 2021b). It is also recorded from both Northern Ireland and the Republic of Ireland (O'Connor, 2008). The short-winged form has been recorded from northern and insular Scotland and also from Ireland (Morison, 1947-1949; Mound *et al.*, 1976). The two forms have been found together on the Moray coast and at Nairn (Morison, 1974). The species is widespread around the coasts of north western Europe, and is also recorded from Eastern Europe.

Family name

PHLAEOTHIRIPIDAE - PHLAEOTHIRIPINAE

Species name

Haplothrips statices (Haliday)

Original name and synonyms

Phloeothrips statices Haliday, 1836: 442

References

- Collins DW (2021b) Noteworthy recent records of Thysanoptera (Aeolothripidae, Melanthripidae and Phlaeothripidae) in Great Britain. *British Journal of Entomology and Natural History* **34**: 207–220.
- Morison GD (1947-1949) Thysanoptera of the London area. *London Naturalist, Supplement* **26**: 1–36; **27**: 37–75; **28**: 76–131.
- Morison GD (1974) Observations and records for British Thysanoptera. XVIII. Phlaeothripidae. *Haplothrips statices* (Haliday). *Entomologist's Gazette* **25**: 35–43.
- Mound LA & Minaei K (2007) Australian insects of the *Haplothrips* lineage (Thysanoptera – Phlaeothripinae). *Journal of Natural History* **41**: 2919–2978.
- Mound LA, Morison GD, Pitkin BR & Palmer JM (1976) Thysanoptera. *Handbooks for the Identification of British Insects* **1** (11): 1–79.
- Mound LA & Zapater MC (2003) South American *Haplothrips* species (Thysanoptera, Phlaeothripidae), with a new species of biological control interest to Australia against weedy *Heliotropium amplexicaule* (Boraginaceae). *Neotropical Entomology* **32**: 437–442.
- O'Connor JP (2008) A review of the Irish thrips (Thysanoptera). *Irish Naturalists' Journal* **29**: 20–24.