

# Haplothrips leucanthemi

## Distinguishing features

Both sexes fully winged. Body brown to dark brown, fore tarsi and base of antennal segment III yellow; fore wing pale with base extensively shaded. Head slightly longer than wide; maxillary stylets one third of head width apart, retracted to postocular setae, maxillary bridge complete; postocular setae short and acute, usually not reaching posterior margin of compound eyes. Antennae 8-segmented, segment III with 2 sense cones, IV with 4 sense cones; VIII short and broad at base. Pronotal setae small and acute, anteromarginal and midlateral setae no longer than discal setae; prosternal basantra and ferna present, mesopresternum eroded to paired lateral triangles. Fore tarsal tooth minute in female. Fore wing constricted medially, with 7–12 duplicated cilia, sub-basal setae acute or blunt. Tergite IX setae S1 bluntly pointed, much shorter than tube, S2 acute. Male with large fore tarsal tooth; tergite IX setae S2 short and stout; pseudovirga of aedeagus slender.

## Related species

The genus *Haplothrips* comprises 240 described species worldwide, of which only four are recorded from New Zealand, and none of these seems to be endemic. *H. leucanthemi* is a European species that is particularly associated with the flowers of *Chrysanthemum leucanthemum*. A form of this species is associated with red clover flowers and has been known as *H. niger*, but this is considered to be a parthenogenetic strain of *H. leucanthemi*. This thrips is remarkable among *Haplothrips* species in having unusually short setae on the head and pronotum.

## Biological data

Breeding and pupating within flowers, particularly *Chrysanthemum leucanthemum* (Asteraceae), but also *Trifolium* sp. (Fabaceae) and *Plantago* sp. (Plantaginaceae).

## Distribution data

This species is widespread in New Zealand (ND, AK, WO, BP, TO, HB, WI, WA, WN / NN, BR, MB, KA, MC, MK, CO, SL). It occurs widely across the Northern Hemisphere, and is also known from southern Australia, Chile and Argentina.

## Family name

PHLAEOTHRIPIDAE, PHLAEOTHRIPINAE

## Species name

*Haplothrips leucanthemi* (Schrank)

## Original name and synonyms

*Thrips leucanthemi* Schrank, 1781: 298

*Phloeothrips niger* Osborn, 1883: 154

*Phloeothrips armatus* Lindeman, 1887: 335

*Phloeothrips obscuricornis* Reuter, 1909: 20

*Haplothrips trifolii* Priesner, 1919: 130

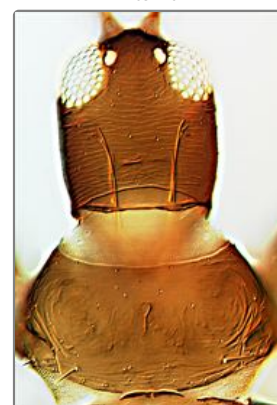
*Zygothrips wyomingensis* Watson, 1923: 82

## References

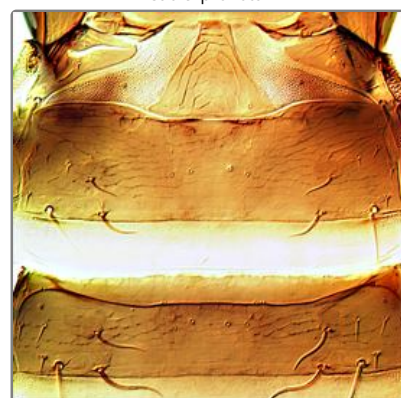
Minaei K & Mound LA (2008) The Thysanoptera Haplothripini



Antenna



Head & pronotum



Pelta & tergites II-III



Fore wing

(Phlaeothripidae) of Iran. *Journal of Natural History* 42: 2617-2658.



Tergites VIII-IX & tube