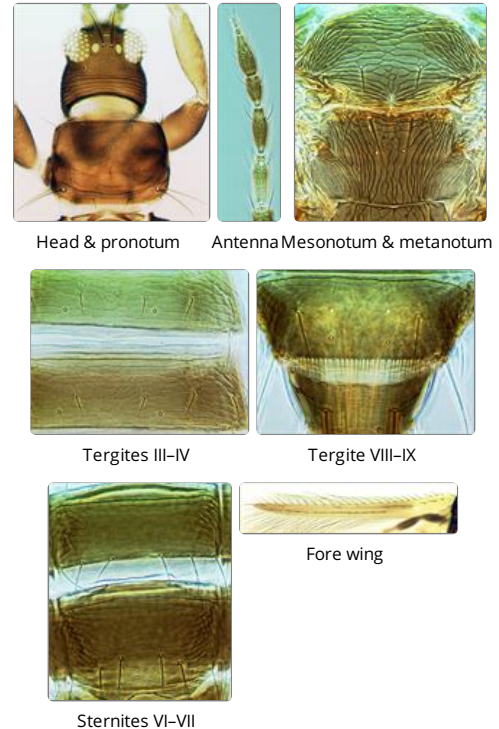


# Taeniothrips orionis

## Distinguishing features

Female fully winged. Body brown, fore tarsi paler, antennal segment III yellow at base but light brown at apex; fore wings light brown, base pale but extreme apex darker. Antennae 8-segmented; segments III & IV with sense cone forked. Head longer than wide, constricted behind eyes with cheeks rounded; without sculpture between ocelli; two pairs of ocellar setae present, pair III longer than distance between compound eyes, arising between anterior margins of hind ocelli; pair II longer than side of ocellar triangle. Pronotum with few discal setae, 2 pairs of long posteroangular setae; posterior margin with one pair of prominent setae medially arising in front of margin. Metanotum with reticulation equiangular on anterior half but longitudinal on posterior half; median setae at anterior margin; campaniform sensilla present. Fore wing first vein with two setae on distal half; second vein with complete row of about 14 setae. Abdominal tergites with transversely reticulate sculpture medially; tergites VI–VIII with median setae about half length of tergite; tergite VIII with posteromarginal comb of long regular microtrichia. Sternites without discal setae.



## Related species

There are 30 species listed in the genus *Taeniothrips*, together with a further 21 that are known only from fossils. Three species are European in origin, one is from western North America, and the rest are from Asia. The western North American species, *T. orionis*, is particularly similar to *T. major* Bagnall from the Himalayan region of northern India and Pakistan. In both of them the tergites are sculptured across the median area.

## Biological data

Probably breeding in a range of flowers, including *Veratrum* (Liliaceae), *Polygonum* (Polygonaceae), *Solanum tuberosum* (Solanaceae), and *Paeonia* sp. (Paeoniaceae), but with no recorded specificity. Bailey (1957) indicates that in California it occurs at high altitudes. This thrips has been associated with damage to crops of potatoes, but also reported from cabbage and lettuce.

## Distribution data

Widespread in Western North America, and recorded from California, Oregon, Washington, Alaska, Montana, Wyoming, Colorado, Utah, and British Columbia.

## Family name

THRIPIDAE - THRIPINAE

## Species name

*Taeniothrips orionis* Treherne

## Original name and synonyms

*Taeniothrips orionis* Treherne, 1924: 86

*Taeniothrips tahoei* Moulton, 1927: 190

*Taeniothrips pingreei* Moulton, 1927: 191.

## References

Bailey SF (1957) The thrips of California Part I: Suborder Terebrantia. *Bulletin of California Insect Survey* 4: 143–220.

Mound LA, Azidah AA & Ng YF (2012) Key to the non-fossil species of the genus *Taeniothrips* (Thysanoptera, Thripidae). *Zootaxa* 3414: 33-42.