Orothrips yosemitii

Distinguishing features


Female


Antenna


Head


Pronotum


Mesonotum & metanotum


Female sternites V–VII


Fore wing

Both sexes fully winged. Body, legs and antennae brown to dark brown, fore tarsi sometimes paler, basal 0.3 to 0.5 of antennal segment III, also apical 0.5 of segment II yellow; fore wing with three dark transverse bands, at base, medially and at apex. Antennae 9-segmented, distal segments not forming a unit, segments III & IV each with two oval or circular sensoria that protrude apically as a small cone. Head with 2 irregular rows of small setae behind eyes; compound eyes weakly prolonged ventrally but without enlarged ventral ommatidia; maxillary palps with distal segment subdivided. Pronotum posterior margin with no prominent setae. Metanotum reticulate, median setae near posterior margin. Fore tarsus with strongly recurved ventral hamus. Fore wing broad with apex rounded, cross veins prominent. Abdominal tergites with transverse lines of sculpture medially; tergite X trichobothria about as large as a setal base. Sternites III–VII with 4 pairs of marginal setae at or close to margin, supernumerary setae on VII close to margin.

Related species

Three species are known in the genus *Orothrips*, two from California and one from the Mediterranean region of southern Europe (Marullo & Mound, 1994). These three species are unusual amongst the Aeolothripidae in having two sensoria on the third antennal segment.

Biological data

Adults have been collected from the flowers of many shrubs in spring, but mainly from *Ceanothus* flowers [Rhamnaceae](Bailey, 1957). It is sometimes collected together with *O. kelloggi*. The larvae, having fed in flowers in spring, drop to the soil and spin a cocoon in which to pupate (Bailey, 1949).

Distribution data

Recorded from British Columbia, Washington, Oregon, California, and Wyoming.

Family name

AEOLOTHRIPIDAE

Species name

Orothrips yosemitii Moulton

Original name and synonyms

Orothrips yosemitii Moulton, 1911: 13
Orothrips raoi Moulton, 1927: 184
Orothrips variabilis Moulton, 1927: 184

References

Bailey SF (1949) The genus *Orothrips* Moulton. *Pan-Pacific Entomologist* **25**: 104–112.

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

Marullo R & Mound LA (1994) Discontinuous distribution and systematic relationships of the genus *Orothrips* (Aeolothripidae; Thysanoptera) and related taxa in Mediterranean climates. *Journal of the New York Entomological Society* **101**: 561–566.