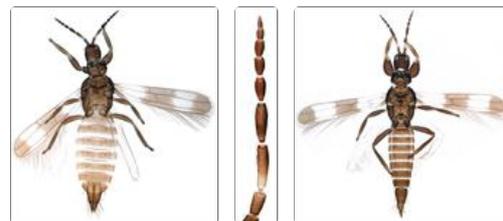


# Orothrips kelloggi

## Distinguishing features

Both sexes fully winged. Body, legs and antennae brown to dark brown, fore tarsi and parts of fore tibiae sometimes paler, basal half of antennal segment III 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 linear 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 about 7 pairs of short but 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 no 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. Male abdominal tergite I with paired longitudinal ridges less than half as long as the tergite.



Female

Antenna

Male



Head



Pronotum



Mesonotum & metanotum



Female sternites VI-VII



Fore wing

## 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 particularly from *Arctostaphylos pungens* flowers [Ericaceae], sometimes together with *O. yosemitii*. 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 widely in Western North America, from British Columbia, Oregon, California and Arizona.

## Family name

AEOLOTHRIPIDAE

## Species name

*Orothrips kelloggi* Moulton

## Original name and synonyms

*Orothrips kelloggi* Moulton, 1907: 43

*Orothrips keeni* Moulton, 1927: 183

## References

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

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.

