

# Masamithrips geikiei

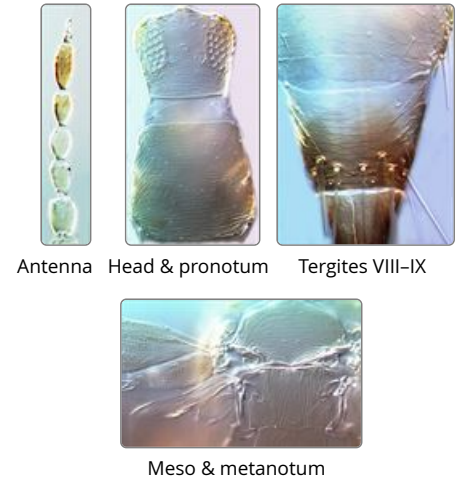
## Distinguishing features

Female macroptera. Mainly yellow, external margin of fore femora shaded; abdominal segment X and posterior margin of IX dark brown; antennal segments I–IV yellow, V light brown, VI–VIII brown; fore wing including clavus weakly shaded, apex pale.

Antennae 8-segmented, I with no dorso-apical setae, sense cone on III–IV simple. Head broadest across eyes, cheeks straight, converging to base, anterior margin projecting conically in front of eyes; compound eyes with 5 pigmented facets; ocellar setae pair I far apart; III arising between mid-points of posterior ocelli; maxillary palps 2-segmented. Pronotum weakly trapezoidal,

posterior margin with 4 pairs of setae, 2 pairs of rather short posteroangular setae. Prosternal basantra granulate with about 4 pairs of setae; fernal plates scarcely connected medially; meso and meta furca without spinula. Mesonotal anterior campaniform sensilla present, median pair of setae distant from posterior margin. Metanotum medially with irregular sculpture; median setae just behind anterior margin; no campaniform sensilla. Fore wing slender, first vein with 6–8 setae on basal half, 3 widely spaced setae distally; second vein with about 5 widely spaced setae; clavus with 4 or 5 veinal setae, no discal seta; posterior fringe wavy. Tergal sculpture weak but complete medially; II–VIII with broad craspedum, campaniform sensilla close to posterior margin; tergites V–VIII with few microtrichia laterally; setal pair S2 on VIII no longer than S1; tergite IX shorter than X, with median dorsal setae extending beyond posterior margin, stouter than than posterior median setae and slightly shorter; X with complete split. Sternites with no marginal craspedum; II with 0–3 discal setae, 2 pairs of marginal setae; III–VII with irregular row of about 3–10 discal setae; VII with major setae all at margin.

Male not described.



## Related species

The genus *Masimithrips* comprises six species, all from northern Australia. These share most character states with the species of *Monothrips*, but have only two maxillary palp segments and lack sternal craspeda. *Aliceathrips* species lack setae on the prosternal basantra, and have the head different in shape, and the species of *Caprithrips* are all wingless and have no long pronotal setae. Females of *geikiei* are similar to those of *melinus* and *willieii*, but are distinguished by the colour of the antennae and of tergite IX, and also by the shorter pronotal setae.

## Biological data

Feeding and breeding on the leaves of *Triodia* sp. [Poaceae].

## Distribution data

Known only from Western Australia.

## Family name

THRIPIDAE - THRIPINAE

## Species name

*Masamithrips geikiei* Mound

### Original name and synonyms

*Masamithrips geikiei* Mound, 2011: 23,

### References

Mound LA (2011b) Grass-dependent Thysanoptera of the family Thripidae from Australia. *Zootaxa* **3064** : 1–40.  
<http://www.mapress.com/zootaxa/2011/f/zt03064p040.pdf>