

# Masamithrips tanyoeikus

## Distinguishing features

Female macroptera. Body bicoloured, mainly yellow; base of fore femora shaded, abdominal segment X and distal half of IX dark brown; antennal segments V–VIII light brown; fore wing including clavus weakly shaded in basal half with apex pale. Antennae 8-segmented, segment I with no dorso-apical setae, sense cone on III–IV simple. Head with anterior margin slightly conical, cheeks short and straight; 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 3–4 pairs of setae, outer posteroangular setae slightly shorter than inner pair.. Prosternal basantra granulate, with 2–4 pairs of setae; fernal plates with very slender median connection; meso and meta furca without spinula. Mesonotal anterior campaniform sensilla present, median pair of setae distant from posterior margin. Metanotum medially with irregular longitudinal sculpture; median setae just behind anterior margin, closer to lateral pair than to each other; no campaniform sensilla. Fore wing slender, first vein with 7 setae on basal half, 3 widely spaced setae on distal half; second vein with 2–4 widely spaced setae; clavus with 4 or 5 veinal setae but 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 on 3 or 4 sculpture lines; setal pair S2 on VIII three times as long as S1; IX with median dorsal setae long and stout; tergite X longer than IX, curving slightly ventrally, with complete split. Sternites with no marginal craspedum, II with 2 discal setae, 2 pairs of marginal setae; III–VI with irregular row of about 9 discal setae, VII with about 12 medially, no submarginal setae. Male macroptera. Similar to but smaller than female, apex of abdomen yellow; tergite IX dorsal setae small and slender; sternite II with 1–2 discal and 3 pairs of marginal setae, VI–VII with slender transverse pore plate on antecostal area.



Female



Head



Tergites VII–VIII

## 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. The female of *tanyoeikus* has tergite X longer than in any other member of the genus, and setal pair S2 on tergite VIII are also exceptionally long.

## Biological data

Feeding and breeding on the leaves of native grasses [Poaceae].

## Distribution data

Known only from Australia, Northern Territory.

## Family name

THRIPIDAE - THRIPINAE

## Species name

*Masamithrips tanyoeikus* Mound

## Original name and synonyms

*Masamithrips tanyoeikus* Mound, 2011: 25.

## 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>