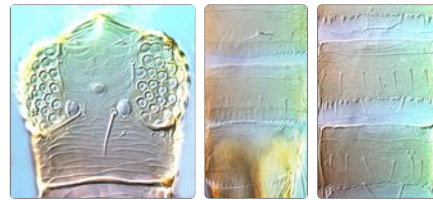


Monothrips flavus



Distinguishing features

Female macroptera. Body and legs yellow with faint brown markings, tergite X brown; antennal segments VI-VIII brown, V light brown; fore wings pale distally, basal half including clavus light brown. Antennae 8-segmented, segment I without paired dorso-apical setae, III-IV with sense cone simple. Head projecting slightly in front of large eyes, cheeks narrowed to



Head Tergites VI-VIII Sternites VI-VII

base; ocellar setae I wide apart, III longer than side of triangle, arising between posterior margins of posterior ocelli; maxillary palps 3-segmented. Pronotum slightly wider at posterior than anterior, with many transverse lines; 2 pairs of posteroangular setae, the inner longer than the outer pair; 4 pairs of posteromarginal setae. Metanotum with linear reticulation medially, median setae at anterior margin, no campaniform sensilla. Prosternal frenal narrowly complete; basantra with one pair of setae; Meso and metafurca without spinula. Fore wing slender, first vein with 2 widely spaced setae on distal half; second vein with 6 widely spaced setae; clavus with 4 veinal but no discal setae; posteromarginal cilia strongly wavy. Tergite I with craspedum small medially but strongly toothed laterally; II-VIII with broad craspedum, finely toothed medially but strongly toothed laterally; tergites with weak reticulation across median area; tergite X with complete longitudinal split. Sternites III-VII with 6-8 discal setae, marginal craspedum short medially but strongly toothed laterally. Male not known.

Related species

The genus *Monothrips* includes two species, both of which are known only from macropterous females. These species share character states with the apterous species of *Caprithrips*, but the most closely related genus is probably *Masamithrips*, despite the presence of a toothed craspedum on the abdominal sternites. *M. flavus* differs from *M. cuspis* in having an incomplete craspedum on sternites II-VI.

Biological data

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

Distribution data

Described from Papua New Guinea, and recorded from Australia (Northern Territory, Queensland, Western Australia).

Family name

THRIPIDAE - THRIPINAE

Species name

Monothrips flavus Moulton

Original name and synonyms

Monothrips flavus Moulton, 1940: 246.

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>