

# Mycterothrips desleyae



## Distinguishing features

Female macroptera. Body yellow with light brown markings on head and thorax; legs yellow, tergites brown medially; antennal segment I yellow, II-VIII uniformly brown to dark brown; fore wings and clavus uniformly brown. Antennae 8-segmented; segment I with paired dorso-apical setae; segments III-IV distal third narrowed and neck-like, sense cone forked. Head slightly wider than long; eyes with five pigmented facets; 3 pairs of ocellar setae, pair III long, between posterior ocelli. Pronotum with 2 pairs of long posteroangular setae, two pairs of posteromarginal setae. Mesonotum without campaniform sensilla anteromedially; median pair of setae near posterior margin. Metanotum irregularly reticulate medially; median setal pair near anterior margin, no campaniform sensilla. Meso and metafurca with well developed spinula. Fore wing with 2 setae on distal half, near apex; clavus with 5 veinal and 1 discal setae. Abdominal tergites without ctenidia and craspeda; with numerous ciliate microtrichia on lines of sculpture; tergites II-VII with microtrichial comb laterally, VIII with complete long, fine comb. Sternites without discal setae.

Male macroptera. Similar to female but smaller; Antennae 8-segmented, segment VI 0.5 times as long as combined length of I-V, with numerous long setae and without microtrichia; sternites with discal setae, but without pore plates.



Female



Female



Antenna



Head



Pro, meso & metanotum Thoracic sternites



Tergites VII-IX



Male antenna

## Related species

The genus *Mycterothrips*, with 27 species worldwide, is primarily Holarctic, but with several species occurring in the Old World tropics including Australia. *M. desleyae* is one of several species in which the antennae exhibit remarkable sexual dimorphism. The females are closely similar to *M. nilgiriensis*, but the males have the sixth antennal segment shorter than the length of segments I-V.

## Biological data

Feeding and breeding on the leaves of *Clerodendrum floribundum* [Verbenaceae].

## Distribution data

Known only from Queensland, Australia.

## Family name

THRIPIDAE - THRIPINAE

## Species name

*Mycterothrips desleyae* Masumoto & Okajima

## Original name and synonyms

*Mycterothrips desleyae* Masumoto & Okajima, 2006: 39.

## References

Masumoto M & Okajima S (2006) A revision of and key to the world species of *Mycterothrips* Trybom (Thysanoptera, Thripidae) *Zootaxa* 1261: 1-90.

