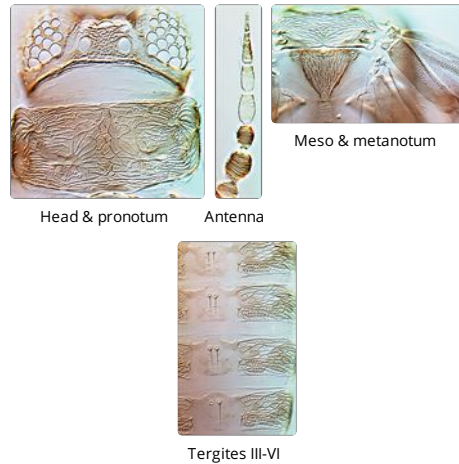


Dendrothrips julatteni



Distinguishing features

Female macropterous, mainly light brown, pterothorax darkest, tarsi yellow; antennal segment I light brown, II–III dark brown, IV–V yellow, VI–IX light brown; fore wing weakly shaded with 3 pale areas, sub-basally, medially and sub-apically, clavus uniformly dark. Head with ocellar triangle finely tuberculate, a few reticulate lines at posterior margin, ocellar setae III just outside triangle. Antennae 9-segmented; sense cone on VI arising near base of segment but extending beyond apex of IX; sense cones on III and IV stoutly U-shaped. Pronotum irregularly reticulate, markings within reticles. Metanotum longitudinally reticulate with internal markings. Fore wing typical of genus, major setae scarcely longer than microtrichia, anteromarginal cilia arising ventrally well behind margin. Tergites II–VII strongly reticulate with complex short longitudinal sculpture lines posterolaterally, VIII with long marginal comb, IX with many discal microtrichia. Male not known.



Related species

D. julatteni is unique in the genus in having antennal segment III as dark brown as the second antennal segment, but the finely tuberculate ocellar region is a character state shared with *D. notelaea*. The Old World genus *Dendrothrips* currently includes 56 described species, mainly from Africa and Asia. The metathoric endofurca is greatly enlarged, "lyre-shaped", extending into the mesothorax, the sides of the metathorax are greatly swollen, the hind coxae are wider than long, the fore wing cilia arise ventrally well behind the anterior margin, and the apex of the fore wing is recurved without a prominent terminal seta. The form of the wing apex distinguishes the members of this genus from the other species placed in the Dendrothripinae.

Biological data

The only known female was taken from *Arthropteris tenella* [Filicopsida].

Distribution data

Known only from a single female taken in north eastern Queensland.

Family name

THRIPIDAE - DENDROTHRIPINAE

Species name

Dendrothrips julatteni Mound & Tree

Original name and synonyms

Dendrothrips julatteni Mound & Tree, 2016: 572.

References

Mound LA & Tree DJ (2016) Genera of the leaf-feeding Dendrothripinae (Thysanoptera, Thripidae), with new species from Australia and Sulawesi, Indonesia. *Zootaxa* **4109** (5): 569–582.