

Dichromothrips corbetti

Distinguishing features

Both sexes fully winged. Female body dark brown, tarsi and apices of tibiae yellow; fore wing brown with base pale. Antennae 8-segmented, III & IV each with apex narrowed and bearing a long forked sense cone. Head wider than long, with 2 pairs of ocellar setae, pair III anterolateral to ocellar triangle. Pronotum with strong transverse lines of sculpture, with no long setae. Metanotum with distinctive transverse lines of sculpture, median setae arising behind anterior margin. Fore wing first vein with 2 setae distally, second vein with at least 15 setae. Tergites without sculpture medially, but lateral thirds with many closely spaced transverse lines; VIII with regular comb of long microtrichia; X without longitudinal split. Sternite VII with 2 pairs of median setae arising well in front of posterior margin. Male tergite IX without stout setae; sternites III–VII each with a pair of pore plates.

Related species

Dichromothrips includes 18 species, all from orchids in the Old World tropics. An identification key to 14 of these is given by Mound (1976a), and Okajima (1999) provides information on four species from Borneo. *D. corbetti* differs from the other members of the genus in having no elongate posteroangular setae on the pronotum, whereas the other species have either one or two pairs of such setae. The genus is possibly related to *Taeniothrips*.

Biological data

Feeding and breeding on leaves, and sometimes causing damage to the flowers of Orchidaceae species in several genera.

Distribution data

Recorded in Britain occasionally under glass, but the evidence suggests isolated incursions rather than continual presence; recent records have been from private orchid collections, all associated with recent imports from Southeast Asia (Collins, 2010a). Similarly, taken in a glasshouse in the Netherlands (zur Strassen, 2003). This species is widely recorded in Asia to northern Australia, and has also been taken in Hawaii and Fiji.

Family name

THRIPIDAE - THRIPINAE

Species name

Dichromothrips corbetti (Priesner)

Original name and synonyms

Anaphothrips corbetti Priesner, 1936: 209

References

Collins DW (2010a) Thysanoptera of Great Britain: a revised and updated checklist. *Zootaxa* 2412: 21–41.

Mound LA (1976a) Thysanoptera of the genus *Dichromothrips* on Old World Orchidaceae. *Biological Journal of the Linnean Society* 8: 245–265.

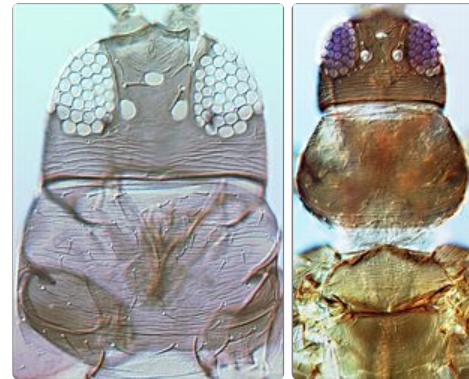
Okajima S (1999) On four *Dichromothrips* species (Thysanoptera, Thripidae) collected from one population of *Arundina* sp. (Orchidaceae) in Sabah, Borneo. *Japanese Journal of Systematic Entomology* 5: 145–152.

zur Strassen R (2003) Die terebranten Thysanopteren Europas und des Mittelmeer-Gebietes. *Die Tierwelt Deutschlands* 74: 1–271.



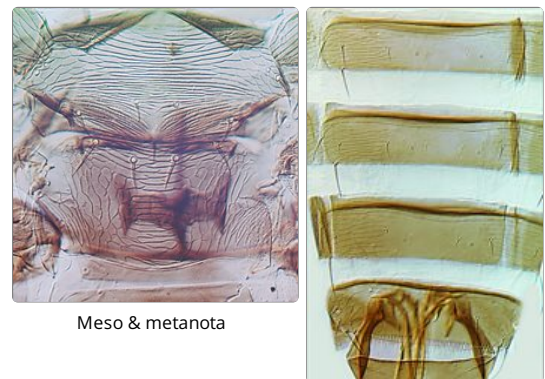
Female

Antenna



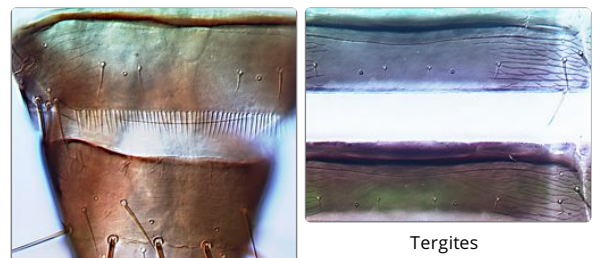
Head & pronotum

Head & thorax



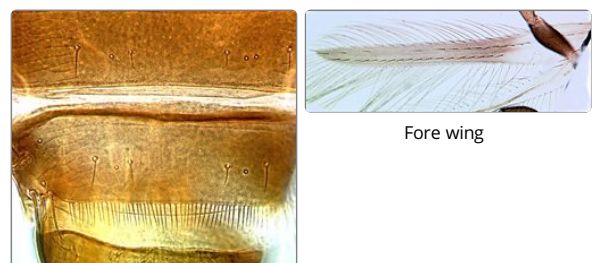
Meso & metanota

Tergites V-VIII



Tergites VIII-IX

Tergites



Tergites VII-VIII

Fore wing