

Dichromothrips corbetti

Distinguishing features

Female fully winged. 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 fully winged; tergite IX without stout setae; sternites III–VII each with a pair of pore plates.

Related species

Dichromothrips includes 18 species from orchids in the Old World tropics. An identification key to 14 of these is given by Mound (1976), 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*, in which the species breed mainly on leaves.

Biological data

Breeding on leaves and in flowers of various cultivated Orchidaceae, and causing scarring on flowers of *Vanda* spp.

Distribution data

Originally from southeast Asia, but recorded widely around the world; likely to be imported to California, or intercepted in quarantine.

Family name

THRIPIDAE - THRIPINAE

Species name

Dichromothrips corbetti (Priesner)

Original name and synonyms

Anaphothrips corbetti Priesner, 1936: 209

References

Mound LA (1976) 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.

