

Chaetanaphothrips orchidii

Distinguishing features

Female fully winged. Body and legs yellow, antennal segments V–VI brown distally, fore wing pale with distinctive dark bands at base and medially. Antennae 8-segmented; VIII slender, more than 6 times as long as wide; segments III & IV each with long forked sense cone. Head wider than long; ocellar setae pair I not present, pair III small and within ocellar triangle. Pronotum with 2 pairs of small but prominent posteroangular setae, external pair no longer than width of antennal segment III. Metanotum weakly reticulate, median setae small, well behind anterior margin. Fore wing slender, first vein with 3 setae on distal half, second vein with 3 or 4 setae; some cilia wavy on posterior margin. Tergites with weak transverse sculpture medially, posteromarginal craspedum complete; tergite VIII with plastron-like sculpture extending around spiracle to antecostal ridge. Sternites III–VI with large lobed craspedum. Male not known.

Related species

Twenty species are currently listed in *Chaetanaphothrips*. Most of these are from southeastern Asia (Nonaka & Okajima, 1992), but three have become widely distributed around the world (Mound & Marullo, 1996). Two of these, *C. leeuweni* and *C. signipennis*, have only a single pair of pronotal posteroangular setae, whereas *C. orchidii* has two pairs of such setae.

Biological data

Apparently breeding on leaves and reported from orchids, bananas, and various greenhouse plants; sometimes causing markings on banana fruits and leaves.

Distribution data

Probably originally from south eastern Asia, but now widespread in tropical and subtropical countries, also in greenhouses in temperate areas.

Family name

THRIPIDAE - THRIPINAE

Species name

Chaetanaphothrips orchidii (Moulton)

Original name and synonyms

Euthrips orchidii Moulton, 1907: 52

Euthrips marginemtorquens Karny, 1914: 362

References

Mound LA & Marullo R (1996) The Thrips of Central and South America: An Introduction. *Memoirs on Entomology, International* 6: 1–488.

Nonaka T & Okajima S (1992) Descriptions of seven new species of the genus *Chaetanaphothrips* Priesner (Thysanoptera, Thripidae) from East Asia. *Japanese Journal of Entomology* 60: 433–447.

