

Monilothrips kemp

Distinguishing features

Both sexes fully winged. Body dark brown, legs brown with base and apex of tibiae yellow, also tarsi; antennal segments I-II brownish yellow, III yellow, IV-V yellow at base; fore wing light brown, pale sub-basally. Antennae 8-segmented, III & IV each with forked sense cone, VIII twice as long as VII. Head with conspicuous band of 3 rows of reticles at posterior, ocellar setae III arise inside triangle, three pairs of prominent postocular setae. Pronotum with stout transverse carina parallel to posterior margin, 2 pairs of long posteroangular setae, outer longer than inner, one pair of long anteroangular setae. Mesonotum reticulate, lateral setae short. Metanotum reticulate medially, median setae near posterior margin. Tarsi all 2-segmented. Fore wing with two complete rows of long setae, postero-marginal cilia wavy. Abdominal tergites II-VIII reticulate, median setae small, posterior margins with broad craspedum; tergite X with complete longitudinal split. Sternites with three pairs of long marginal setae. Male without sternal pore plates.

Related species

Only one species is placed in the genus *Monilothrips*. Within the Panchaetothripinae, this resembles *Hercinothrips* in having the tarsi 2-segmented and in having two complete rows of setae on the forewing.

Biological data

Larvae and adults feed on the fronds of various ferns, including *Blechnum australe*, *Adiantum aethiopicum*, *Woodwardia* sp., *Polystichum* sp., *Pellaea andromedifolia*.

Distribution data

Recorded from North and South India, South Africa, California (Wilson, 1975), and Hawaii (Mound *et al.*, 2017), but the area of origin is not known; possibly either Africa or India,

Family name

THRIPIDAE - PANCHAETOTHRIPINAE

Species name

Monilothrips kemp Moulton

Original name and synonyms

Monilothrips kemp Moulton, 1929: 94

Monilothrips montanus Jacot-Guillarmod, 1942: 64

References

Mound LA, Matsunaga J, Bushe B, Hoddle MS & Wells A (2017) Adventive Thysanoptera Species on the Hawaiian Islands: New Records and Putative Host Associations. *Proceedings of the Hawaiian Entomological Society* 49: 17-28.

Wilson TH (1975) A monograph of the subfamily Panchaetothripinae (Thysanoptera: Thripidae). *Memoirs of the American Entomological Institute* 23: 1-354.



