

Yoshinothrips

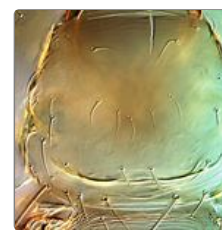


Generic diagnosis

Female macropterous. Head strongly constricted behind eyes, prolonged in front of eyes, cheeks rounded; mouth-cone pointed, maxillary palps 3-segmented; eyes large; with five weakly pigmented facets; ocellar setae I absent, setae III long and within triangle; three pairs of small postocular setae. Antennae 8-segmented, segment I with paired dorso-apical setae, III with sense-cone simple, IV with sense-cone simple or forked, III–VI with microtrichia on both surfaces. Pronotum large, slightly trapezoidal, two pairs of posteroangular setae; three pairs of posteromarginal setae. Mesonotum with median setae far from posterior margin; campaniform sensilla absent anteromedially. Metanotum without campaniform sensilla; median pair of setae far from anterior margin. Fore wing first vein with long gap in setal row, 4–8 basal and 2 distal setae; clavus with 3–5 veinal and one discal setae; posterior fringe cilia wavy. Prosternal ferna undivided; basantra membranous, without setae; prospinasternum broad transverse. Mesosternum with sternopleural sutures weak and not reaching anterior margin; endofurca with spinula. Metasternal endofurca usually without spinula. Tarsi 2-segmented. Tergites without ctenidia or craspeda; tergite VIII without comb; IX without anterior campaniform sensilla, MD setae well developed; X without median split. Sternites without craspeda or discal setae; III–VII with three pairs of posteromarginal setae, II with two pairs. Male similar to female; tergite IX with pair of drepanae; sternites II or III–VIII each with many small pore plates.



pasekamui head & pronotum



pasekamui pronotum



pasekamui meso & metanota



pasekamui tergites VIII-IX

Biological data

Apparently breeding on the leaves of various bamboo species including *Arundinaria* sp. [Poaceae].

Distribution data

Species of this genus are recorded from Thailand, southern China, and Japan.

Nomenclatural data

Yoshinothrips Kudo, 1985: 81. Type species *Yoshinothrips pasekamui* Kudo, 1985, by original designation.

Four species are described in this genus (ThripsWiki, 2020), of which three are known from China:

pasekamui Kudo, 1985: 82.

ponkamui Kudo, 1985: 84.

tianmushanensis Mirab-balou & Chen, 2012: 346.

Relationship data

Thripidae sub-family Thripinae: this is a diverse group involving more than 230 genera. *Yoshinothrips* is one of a group of six southeast Asian genera in which the species are associated with bamboo, although the only other one recorded from China is *Paithrips*. It is considered a member of the *Trichromothrips* genus-group (Masumoto & Okajima, 2005).

References

Masumoto M & Okajima S (2005) *Trichromothrips* Priesner (Thysanoptera, Thripidae) of Japan and Taiwan, with

descriptions of four new species and a review of the *Trichromothrips* genus group of genera. *Zootaxa*, **1048**: 1–27.

Mirab-balou M, Wei SJ, Lu H & Chen XX (2012) Description of a new grass-living species of the genus *Yoshinothrips* Kudo, and a newly recorded genus of Thripinae for China (Thysanoptera: Thripidae). *Acta Zootaxonomica Sinica* **37** (2): 345–349.

ThripsWiki (2020). *ThripsWiki - providing information on the World's thrips*. <http://thrips.info/wiki/Main_Page>