

Indusiothrips seshadrii



Distinguishing features

Female macroptera. Body and legs yellow but anterior margin of head brown; antennal segments III–V yellow, other segments brown; fore wing and clavus uniformly dark brown. Antennae 8-segmented; segment I without paired dorso-apical setae; III–IV each with slender forked sense cone (rarely not forked). Head reticulate around ocelli, eyes bulgin; ocellar setae pair I not present, pair III arising within triangle; mouth cone long. Pronotum faintly reticulate, slightly longer than wide, with no long setae. Metanotum weakly reticulate, median setae small and arising well behind anterior margin; campaniform sensilla absent. Prosternal ferna complete medially; mesofurca with spinula, metafurca without. Fore wing very slender, veinal setae minute; posterior fringe cilia wavy. Tergites with weak reticulate sculpture medially, median setal pair small, craspedum not developed; VIII with no marginal comb; tergite IX setae S1 and S2 long with expanded, fringed apices. Sternites reticulate, without discal setae or craspeda; VII with setae S1 arising just in front of margin.

Male macroptera. Similar to female; tergite IX with one pair of stout thorn-like setae; sternites III–VII each with transverse pore plate.



Related species

Only two species are known in the genus *Indusiothrips* (ThripsWiki, 2020), and *nakaharai* Wilson from Japan is distinguished by its uniformly pale antennae and wings.

Biological data

Associated with fern sporangia, and reported to feed on spores (Wilson, 1975; Okajima & Urushihara, 1993).

Distribution data

Described from southern India, widespread in southern China (Zhang *et al.*, 2018), and also seen from Oahu (Hawaiian Islands). One female was collected from a fern at Elbana Falls, Lamington NP, Queensland, xi.2019; one female from *Cyathea* frond, Mt Glorious, Brisbane, vii.2002; one male from young tree fern, Bartle Frere, Queensland, x.2015. [These Queensland specimens have the sense cones apparently not forked on antennal segments III & IV.]

Family name

THRIPIDAE - THRIPINAE

Species name

Indusiothrips seshadrii Priesner

Original name and synonyms

Indusiothrips seshadrii Priesner, 1951: 183.

References

Okajima S & Urushihara H (1993) Rediscovery of *Indusiothrips nakaharai* Wilson from Japan (Thysanoptera, Thripidae). *Transactions of the Shikoku Entomological Society* 20: 97–101.

ThripsWiki (2020) *Thrips Wiki-providing information on the World's thrips*. Available from: http://thrips.info/wiki/Main_Page [accessed 28.viii.2019].

Wilson TH (1975) A monograph of the subfamily Panchaetothripinae (Thysanoptera: Thripidae). *Memoirs of the*

American Entomological Institute 23: 1–354.

Zhang SM, Wang ZH, Li YJ & Mound LA (2018) One new species, two generic synonyms and eight new records of Thripidae from China (Thysanoptera). *Zootaxa* 4418 (4): 370–378.