

# Opimothrips



## Generic diagnosis

Head strongly transverse, with weak transverse ridge, genae convex and constricted to base; maxillary palps 2-segmented; antennae with 8 distinct segments, III and IV each with forked sense cone. Pronotum posterior third with transverse band of raised sculptured reticles. Mesonotum not notched at anterior; metanotum with very weakly defined median triangular area of reticles. Tarsi 1-segmented. Fore wings mainly shaded with apex pale. Abdominal tergite II anterolaterally with paired areas of recurved microtrichia; II–VIII with posteromarginal craspedum, on VIII with variable number of small marginal microtrichia; tergite X long and slightly asymmetric. Sternites with craspedum, antecostal ridge on IV–VII sharply curved medially.

Male not known.

## Biological data

Associated with grasses [Poaceae]

## Distribution data

Described from Thailand, but recorded from southern India and from southern China (Hainan).

## Nomenclatural data

*Opimothrips* Nonaka & Okajima, 1992: 106. Type species *Opimothrips tubulatus* Nonaka & Okajima, 1992, by monotypy.

Only one species is placed in this genus (ThripsWiki, 2020), and this is recorded from southern China:

*tubulatus* Nonaka & Okajima, 1992: 106.

## Relationship data

Thripidae sub-family Panchaethothripinae: this group is represented widely around the world, particularly in tropical areas, and comprises about 40 genera. *Opimothrips* shares with the members of the *Astrothrips* group the presence of a pair of areas of stout, recurved microtrichia anterolaterally on the second abdominal tergite (Xie *et al.*, 2019). It is unusual within this group in having the fore wing largely dark with the extreme apex pale.

## References

Nonaka T & Okajima S (1992) Two new genera and species of the subfamily Panchaethothripinae (Thysanoptera: Thripidae) from Southeast Asia. *Bulletin of the Biogeographical Society of Japan* 47: 103–108.

Rachana, RR, Mound, LA & Rayar SG (2019) Trypactothripini of India (Thysanoptera, Thripidae, Panchaethothripinae), with identification keys and a new record of *Opimothrips*. *ZooKeys* 884: 43–52.

Xie YL, Li YJ, Li ZY & Zhang HR (2019) Two genera of Panchaethothripinae newly recorded from China, with first description of males of *Opimothrips tubulatus* (Thysanoptera, Thripidae). *Zootaxa* 4567 (3): 583–586.



*tubulatus* female



*tubulatus* antenna



*tubulatus* head & pronotum



*tubulatus* meso & metanotum



*tubulatus* fore wing

