

Holothrips

Generic diagnosis

Moderately large, dark, macropterous Phlaeothripinae with stylets unusually wide. Head longer than wide, elevated in mid-line; maxillary stylets 3–6 microns wide, retracted to compound eyes, close together medially for full length of head, often with a small or large loop within the prothorax. Antennae 8-segmented but with the suture between VII–VIII variably incomplete or even absent; antennal segment III with 3 sense cones, IV with 4 sense cones. Pronotum transverse, with 5 pairs of major setae; notopleural sutures complete. Prosternal basantra absent; metathoracic sternopleural sutures present, often long. Metanotum usually with some small discal setae on anterior third, median setal pair weak. Fore tarsus with tooth in both sexes. Fore wing parallel-sided, with duplicated cilia. Pelta without campaniform sensilla; tergites II–VI with 2 pairs of wing-retaining setae, but anterior pair on each tergite often weakly developed, both pairs often weak or absent on VII; tergite IX major setae long, setae iS short; tube shorter than head, commonly yellow in part with grey terminal band; male sternite VIII with no pore plate but sternites IV–VII commonly with paired areas of specialized reticulation.

Nomenclatural data

Holothrips Karny, 1911: 502. Type species *Holothrips ingens* Karny, 1911, by monotypy.

There are over 140 species worldwide recognised in this genus (ThripsWiki, 2021).

Australian species

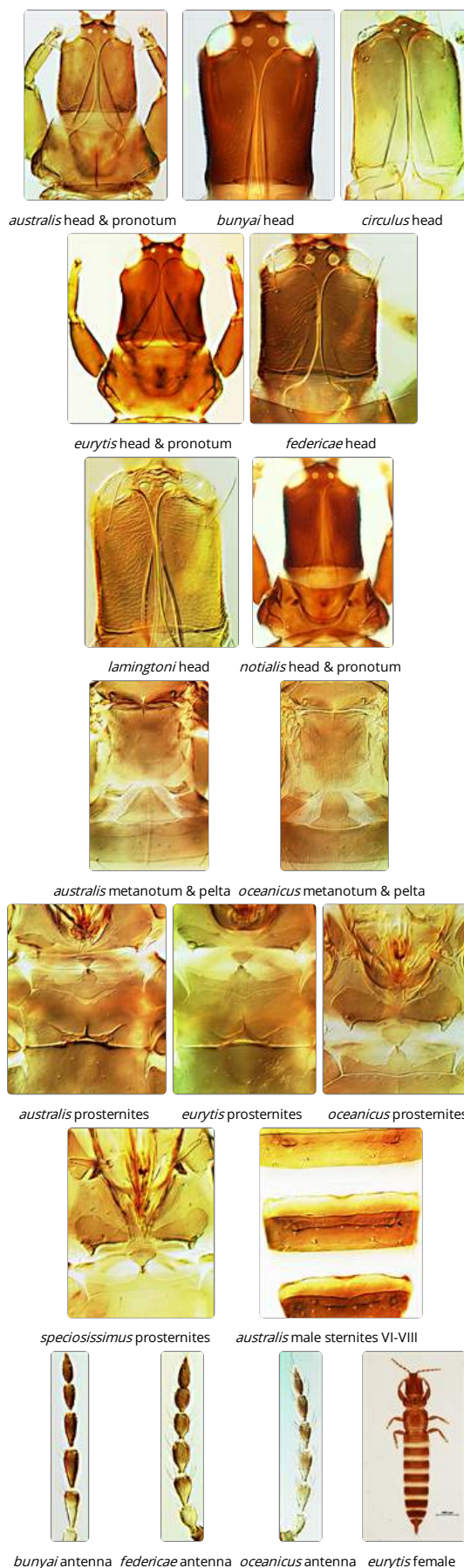
- Holothrips australis* (Mound, 1974: 12)
- Holothrips bunyai* Mound & Tree, 2014: 127
- Holothrips circulus* Mound & Tree, 2014: 128
- Holothrips eurytis* Mound & Tree, 2014: 128
- Holothrips federicae* Mound & Tree, 2014: 129
- Holothrips frerei* Mound & Tree, 2014: 130
- Holothrips lamingtoni* Mound & Tree, 2014: 131
- Holothrips notialis* Mound & Tree, 2014: 132
- Holothrips oceanicus* Okajima, 1987: 37
- Holothrips speciosissimus* (Karny, 1920: 42)

Relationship data

Relationships of this worldwide genus are far from clear, but in view of the long and relatively broad maxillary stylets it is usually associated with the *Docessissophothrips* group of genera, including *Asemothrips*.

Distribution data

Essentially a genus of tropical countries, a few species are also found in warm temperate areas (Okajima 1987).



Biological data

Fungus-feeding on dead branches, but not often found in large colonies.

References

Mound LA & Tree DJ (2014) Fungus-feeding phlaeothripine Thysanoptera in the genus *Holothrips* from Australia and New Caledonia, with a structurally similar new genus, *Holoengythrips*. *Zootaxa* 3860 (2): 125–148.

Okajima S (1987) Studies on the old world species of *Holothrips* (Thysanoptera, Phlaeothripidae). *Bulletin of the British Museum (Natural History), Entomology* 54: 1–74.

ThripsWiki (2021) ThripsWiki - providing information on the World's thrips. Available from: <http://thrips.info/wiki/> (Accessed 1.xii.2021)



federicae female *oceanicus* female