

Ozothrips janus

Distinguishing features

Both sexes wingless. Body brown; fore tarsi yellow; extreme apices of fore femora, median area of fore tibiae, extreme base of antennal segment III, and apex of II yellowish; tube golden-yellow with a dark brown apex; major setae weakly shaded. Head about as wide as long, not sculptured; ocelli absent; compound eyes greatly prolonged ventrally, with 2 rows of large ommatidia; 1 pair of long, fine postocular setae and a second pair medially; 1 pair of ocellar setae shorter than postoculars; maxillary stylets wide apart, V-shaped, retracted about halfway into head (disarranged in available specimens). Antennae 7-segmented; segments III–VII pedicillate; segment II with a distinctive pattern around pore; segment III with 2 sense cones, segment IV with 4. Pronotum without sculpture; setae long, finely acute. Prosternal basantra weak; mesopresternum heavily eroded; mesonotum and metanotum small, transverse. Fore tarsus with inner margin slightly thickened; tooth absent. Pelta broad, slender, with faint lines of sculpture; tergal wing-retaining setae short, but median tergal setae on VII exceptionally long; tergite II eroded on lateral margin; posteromarginal tergal setae long, finely acute; tergite IX setae longer than tube; tube shorter than head, constricted apically.

Male similar to female but smaller; fore tarsal tooth present; sternites without reticulate areas; tergite II chaetotaxy similar to that in *eurytis*.

Related species

The genus *Ozothrips* appears to be closely related to *Heptathrips* and *Cleistothrips*, and includes five species, all known only from New Zealand. Unlike the other species of *Ozothrips*, all known specimens of *O. janus* are completely apterous, with no trace of a fore wing lobe.

Biological data

Feeding on fungal spores among the basal leave of *Gahnia* sp. (Cyperaceae).

Distribution data

Described from New Zealand (AK), but subsequently recorded from Norfolk Island (Mound & Wells, 2015).

Family name

PHLAEOTHIRIPIDAE, IDOLOTHRIPINAE

Species name

Ozothrips janus Mound & Palmer

Original name and synonyms

Ozothrips janus Mound & Palmer, 1983: 26

References

Mound LA & Palmer JM (1983) The generic and tribal classification of spore-feeding Thysanoptera (Phlaeothripidae: Idolothripinae). *Bulletin of the British Museum (Natural History)*. Entomology **46**: 1–174.

Mound LA & Walker AK (1986) Tubulifera (Insecta: Thysanoptera). *Fauna of New Zealand* **10**: 1–140.

Mound LA & Wells A (2015) Endemics and adventives: Thysanoptera (Insecta) Biodiversity of Norfolk, a tiny Pacific Island. *Zootaxa* **3964** (2): 183–210.



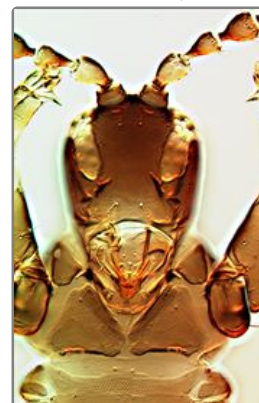
Antenna



Antenna



Head, thorax & pelta



Prosternites and ventral view of eyes

