

# Cartomothrips nevoissi

## Distinguishing features

Both sexes fully winged. Body dark brown; tarsi and base of antennal segment III paler; wings with extreme bases brown. Similar to *C. manukae* in structure, cheek setae less prominent, and postoccipital projections weakly developed; anterior margin of mesoeusternum sharply angulate, and mesopresternal plates sharply triangular, the median distance between their bases much less than one-third of mesoeusternal margin; metanotum with strong reticulation between median setae; fore wing major sub-basal setae S3 longer than S1 and S2; tergite IX posteromarginal setae S1 just over half as long as tube.

Male similar to female, sternite VIII pore plate almost reaching to anterior and posterior margins; tergite IX posteromarginal setae S2 exceptionally short and fine.

## Related species

There are six species in the genus *Cartomothrips*, of which three are known only from Australia, one known only from New Zealand, and two that are known from both countries. *C. nevoissi* has the anterior margin of the mesoeusternum sharply angulate, and unlike both *manukae* and *tofti* setal pair S2 on tergite IX of males is exceptionally short, scarcely 25 microns long.

## Biological data

Presumably feeding on fungal hyphae or their break-down products, the adults and larvae of *C. nevoissi* live particularly in the dead fruit capsules of *Kunzea ericoides*.

## Distribution data

Common in southeastern Australia, and recently discovered on Hawaii (Mound *et al.*, 2017), this species has been collected infrequently in New Zealand (ND, AK, CL, GB).

## Family name

PHLAEOTHIRIPIDAE, PHLAEOTHIRIPINAE

## Species name

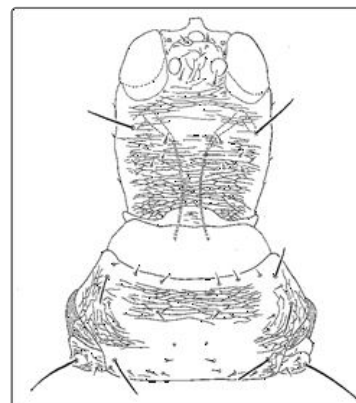
*Cartomothrips nevoissi* Mound & Walker

## Original name and synonyms

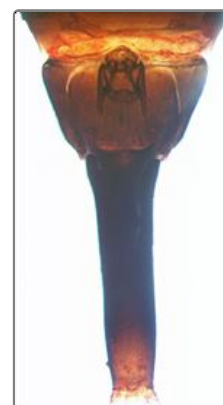
*Cartomothrips nevoissi* Mound & Walker, 1982: 311

## References

Mound LA, Matsunaga J, Bushe B, Hoddle MS & Wells A (2017) Adventive Thysanoptera Species on the Hawaiian Islands: New Records and Putative Host Associations. *Proceedings of the Hawaiian entomological Society* 49: 17–28.  
Mound LA & Walker AK (2012) The Australia-New Zealand connection re-visited, with two new species of *Cartomothrips* (Thysanoptera, Phlaeothripidae). *Zootaxa* 3487: 58–64.



Thoracic sternites



Tergite IX & tube