

# A New Species of *Notuchus* (Homoptera, Fulgoroidea, Delphacidae) from Lord Howe Island

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Through the kindness of Dr J. W. Evans, I have been able to examine a male Delphacid taken in moss at the summit of Mt Gower, Lord Howe Island. This has proved to represent a new species of the Asiracine genus *Notuchus*, and is described below. It has become evident during this study that some of the features originally used to define the genus are of no more than specific value, and the opportunity is taken to provide a revised definition.

## **Notuchus** Fennah

Fennah, 1969: 32; type species, *Notuchus risioides* Fennah, 1969.

Form ovate, depressed, nearly twice as long as broad. Bodily length about 4.5 mm. Vertex broader than long, anterior margin distinctly convex, posterior margin transverse, disc medially carinate in basal half. Frons slightly longer than broad, widest in distal third, a pair of sublateral carinae closely approximated to lateral margins, and sometimes uniting with them and a pair of well-defined arcuate submedian carinae; median carina absent; clypeus tricarinate; rostrum long, much surpassing post-trochanters; ocelli absent, genae narrow; antennae attaining level of middle of clypeus with segments subequal, basal segment sub-cylindrical, slightly flattened dorsally. Pronotum with anterior margin between eyes transverse or shallowly convex, posterior margin shallowly concave, lateral lobes extending laterad almost horizontally, disc tricarinate, lateral carinae concave, almost attaining posterior margin, a small impression in each compartment of median disc, and a more prominent impression near mesal edge of each lateral lobe; mesonotum about twice as broad as long, tricarinate; tegmina brachypterous, about as broad as long, shallowly convex, coriaceous, costal margin in basal half inflected mesad, apical margin transverse or nearly so, venation coarse, more or less densely reticulate; wings absent; femora and tibiae of fore and middle legs a little compressed, post tibiae each laterally trispinose and with four or five spines apically, spur subulate, moderately long; basal metatarsal segment half as long as post-tibia, with four teeth at apical margin and a further tooth basad of the remainder; second metatarsal segment with three teeth apically; abdomen depressed, terga medially carinate and with two or four supernumerary carinae, ninth tergum of male roofed over by eighth tergum. Anal segment of male short, collar-like. Pygofer rather short.

The most distinctive features of the genus are the double lateral margins of the frons, the subhorizontal carriage of the lateral lobes of the pronotum and the presence of an impression on each lobe. The dentition of the hind legs indicates that *Notuchus* belongs to the group of Asiracine genera headed by *Ugyops*, and it is fortunate, for