

A New Genus, *Warlucephala*, for the Reception of *Deltocephalus arunda* Jacobi, 1909, and Two New Species (Hemiptera: Cicadellidae: Deltocephalinae)

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ABSTRACT. The new leafhopper genus *Warlucephala* is described based on *Deltocephalus arunda* Jacobi, 1909, from Western Australia and placed in the tribe Deltocephalini. *Warlucephala reversa* n.sp. from New South Wales and *Warlucephala abbreviata* n.sp. from southern Western Australia are also described. The affinities of the new genus are discussed.

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In his catalogue of the Australian leafhopper fauna, Evans (1966) listed 15 species of subfamily Deltocephalinae in the nominal genus *Deltocephalus* Burmeister but stated that a critical study of the world fauna was needed to determine if any of these were truly congeneric with the type species, *Deltocephalus pulicaris* Fallén. By 1994, when the next catalogue of the Australian fauna was published (Day & Fletcher, 1994), four of these had been transferred elsewhere: *D. taedius* Kirkaldy to *Arawa* Knight (Tribe Athysanini) as a *nomen dubium*, by Fletcher & Condello (1993), *D. montanus* Evans (preoccupied by *Deltocephalus montanus* Distant, replaced with *D. novellus* by Metcalf, 1968) to *Arawa* by Knight (1975), *D. dedarensis* Evans to *Euleimonios* Kirkaldy (Tribe Paralimnini) by Fletcher & Condello (1994) and *D. dorsalis* Motschulsky to *Recilia* Edwards (Tribe Deltocephalini) by Nielson (1968). In addition, Day & Fletcher (1994) transferred *Deltocephalus pullatus* Evans to *Limotettix* J. Sahlberg (tribe Athysanini) as a senior synonym of *Limotettix condylus* Knight.

Of the remaining 10 species listed in *Deltocephalus* by Day & Fletcher (1994), six were moved into other genera by Fletcher (2004), *D. lotis* Kirkaldy, *D. aristarche* (Kirkaldy) and *D. perparvus* Kirkaldy to *Horouta* Knight (Tribe Deltocephalini), *D. polemon* Kirkaldy to *Micrelloides*

Evans (Tribe Paralimnini) and *D. decoloratus* Evans and *D. centralis* Evans to *Arawa*.

In this paper, one of the remaining four species is transferred to *Warlucephalus* n.gen. and two additional new species are added to the genus. This leaves *D. chlorippe* (Kirkaldy), *D. lucindae* Kirkaldy and *D. viridellus* Evans still to be placed outside *Deltocephalus* should this prove necessary.

The following abbreviations are used in this paper: AM: Australian Museum, Sydney; ASCU: Agricultural Scientific Collections Unit, NSW Department of Primary Industries, Orange; NSW: New South Wales; WA: Western Australia.

Genus *Warlucephala* n.gen.

Type species. *Deltocephalus arunda* Jacobi 1909: 343.

Etymology. The generic name, which is feminine, combines flat plain (*warlu*: Nyungar language of northwestern Australia) (Thieburger & McGregor, 1994) with head (*cephalus*, Latin).

Diagnosis. *Head.* Head flat dorsally, convex on face with frontoclypeus large, anteclypeus parallel-sided or tapered to level with lora, then narrowed to apex. Vertex arrow-shaped with longitudinal median furrow around distinct coronal suture which extends from base to around three