

A Revision of *Storenosoma* Hogg and Description of a New Genus, *Oztira* (Araneae: Amaurobiidae)

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ABSTRACT. The genus *Storenosoma* Hogg, 1900 is revised and now contains thirteen species, *S. hoggi* (Roewer), *S. altum* Davies, *S. supernum* Davies, *S. terraneum* Davies, *S. bifidum* n.sp., *S. bondi* n.sp., *S. forsteri* n.sp., *S. grayi* n.sp., *S. grossum* n.sp., *S. picadilly* n.sp., *S. smithae* n.sp., *S. tasmaniensis* n.sp., and *S. victoria* n.sp. A new genus, *Oztira*, is described to contain Australian species previously ascribed to the New Zealand genus *Otira* Forster & Wilton. *Oztira* contains four species, *Oz. affinis* (Hickman) n.comb., *Oz. aquilonaria* (Davies) n.comb., *Oz. summa* (Davies) n.comb., and *Oz. kroombit* n.sp. The relationships between *Storenosoma*, *Oztira*, *Otira* and *Pakeha* are discussed.

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The genera *Storenosoma* Hogg and *Oztira* n.gen. (Fig. 1a–c) contain ground dwelling cribellate amaurobiid spiders of small to moderate size which appear to be free living terrestrial hunters. They are characterized by the strongly procurved eye rows, with the PLE and sometimes the PME being considerably larger than those of the anterior row. The eye pattern and body colouration give them a superficial resemblance to wolf spiders, as noted by Hogg (1900). At present, they are only known from eastern and south eastern Australia.

The genus *Storenosoma* was placed in the Zodariidae by Hogg (1900) and synonymized with *Storena* Walckenaer 1805 by Roewer (1942). It was subsequently removed from synonymy with *Storena*, although not explicitly stated, and transferred to the Amaurobiidae by Davies (1985). Hogg (1900) described a single species in *Storenosoma*, *S. lycosoides* Hogg, 1900, from Macedon in Victoria. When Roewer (1942) synonymized *Storenosoma* with *Storena* he provided a replacement name, *S. hoggi* Roewer, 1942, for *S. lycosoides* which was believed to be preoccupied in *Storena*. A further three species were described by Davies (1986)

from north eastern New South Wales and South Eastern Queensland. Examination of large numbers of specimens in museum collections has revealed a further nine species which are described here. Two genera that appear closely related to *Storenosoma*, *Pakeha* Forster & Wilton, 1973 and *Otira* Forster & Wilton, 1973 (Fig. 1d–e), were described from New Zealand. These three genera are all linked by the possession of retrolateral stridulatory spurs on the male palpal trochanter (Fig. 3c). The relationship between these three genera was recognized by Davies (1986). Hickman (1981) described a new amaurobiid species from south western Tasmania, which he ascribed to *Otira*, *Ot. affinis* Hickman. Davies (1986) added two further species, *Ot. summa* Davies and *Ot. aquilonaria* Davies, from north eastern Queensland. Examination of a number of specimens of Australian *Otira* has revealed one new species from south eastern Queensland. In addition, it has been concluded that the Australian species differ enough from their New Zealand counterparts to warrant the erection of a new genus, *Oztira*.

These genera are currently placed in the Amaurobiidae. However, the cladograms of Davies (1998, 2000) place