



Revision of the new Australian genus *Artoriopsis* in a new subfamily of wolf spiders, Artoriinae (Araneae: Lycosidae)

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Abstract

The new Australian wolf spider genus *Artoriopsis* is established with *Artoriopsis exopolita* (L. Koch, 1877), **comb. nov.** as type species. Six further species, *A. anacardium* **sp. nov.**, *A. eccentrica* **sp. nov.**, *A. joergi* **sp. nov.**, *A. klausi* **sp. nov.**, *A. melissae* **sp. nov.** and *A. whitehouseae* **sp. nov.** complete the Australian fauna. *Artoriopsis* **gen. nov.** shows affinities with the Australasian genera *Artoria* Thorell, 1877 and *Anoteropsis* Koch, 1877, but differs by a distinct colour pattern of the opisthosoma (a dark diamond-shaped spot is cut in half by the light lanceolate cardiac mark). The basoembolic apophysis of the male pedipalp is narrowest at its base and comparatively weakly sclerotised, whereas it is widest at its base and strongly sclerotised in *Artoria* and inverted L-shaped in *Anoteropsis*. The median septum of the female epigyne forms a distinct plate that covers the atrium, although it is reduced in *A. eccentrica* **sp. nov.** and *A. joergi* **sp. nov.** Representatives of the genus *Artoriopsis* **gen. nov.** have so far only been found in Australia, where they are most diverse in the southern half of the country, although one species, *A. anacardium* **sp. nov.**, is known from the tropical north.

A new wolf spider subfamily, Artoriinae (type genus *Artoria* Thorell, 1877), is established to accommodate the following genera: *Anoteropsis* L. Koch, 1878, *Artoria* Thorell, 1877 (= *Lycosula* Roewer, 1960, **syn. nov.**), *Artoriopsis* **gen. nov.**, *Diahogna* Roewer, 1960, *Lycosella* Thorell 1890, *Notocosa* Vink, 2002, *Syroloma* Simon, 1900, *Tetrallycosa* Roewer, 1960, and two unnamed genera. The new synonymy of *Lycosula* with *Artoria* places the following species into