

Re-description of *Chevalia aviculae* Walker, 1904, five new species and new records of Chevaliidae from Australia and New Zealand (Crustacea: Peracarida: Amphipoda: Senticaudata)

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ABSTRACT. The amphipod family Chevaliidae Myers & Lowry, 2003 (Amphipoda: Senticaudata) contains two genera: *Chevalia* Walker, 1904 (13 species), and *Bryoconversor* Lörz, Myers & Gordon, 2014 (1 species). *Chevalia* is a marine genus with a cosmopolitan distribution in circumtropical and temperate waters. Prior to this study, records of *Chevalia* from Australian waters were limited. Here, we describe five new species of *Chevalia* from Australian waters, *C. bardi* sp. nov., *C. burrewarra* sp. nov., *C. csiro* sp. nov., *C. freycinet* sp. nov. and *C. sprightly* sp. nov. The original description of *Chevalia aviculae* no longer adequately defined the species and is redescribed based on syntypic material from East Cheval Paar, Sri Lanka. Additionally, new distribution records are provided for the New Zealand species *Bryoconversor tutus* Lörz, Myers & Gordon, 2014. Material reported is from both shallow and deep-water samples from 1–660 m depth. The prevalence of various gender and intersex states within specimens of chevaliids is discussed. An updated key to the 19 world species of Chevaliidae and a field guide to the seven known Australian and New Zealand species is provided.

Keywords: taxonomy, intersex, identification key, field guide

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