



Ancylomenes kubo* and *A. okunoi* spp. nov. (Decapoda: Pontoniinae), from the Australian Northwest Shelf, Vietnam and the Philippines

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Abstract

Two new species of *Ancylomenes* (Decapoda: Pontoniinae), *A. kubo* sp. nov. (Australian northwestern shelf and Vietnam, from 9.2–82 m) and *A. okunoi* sp. nov., (Australian north-western shelf and the Philippines, from 80–134 m), are described and illustrated. Both are most closely related to *A. tosaensis* (Kubo, 1951), also found on the Northwest Shelf, and a key for their separation is provided.

Key words: *Ancylomenes kubo*, *A. okunoi* spp. nov., Decapoda, Pontoniinae, Australian Northwest Shelf, Vietnam, Philippines, taxonomy

Introduction

The newly described pontoniine genus *Ancylomenes* Okuno & Bruce, 2009, includes 18 species, of which 15 occur in the Indo-West Pacific region. Morphologically all species, except one, are similar in having biunguiculate dactyli on the ambulatory pereopods. The single exception is *Ancylomenes tosaensis* (Kubo, 1951). A number of *Ancylomenes* specimens with simple dactyli were collected from the Australian Northwest Shelf during the course of CSIRO surveys (1983) of this region by the FRV *Soela* and initially identified as *Periclimenes tosaensis* Kubo, 1951. Recent re-examination of these specimens has shown that the material belongs to two new related species which are now described and illustrated. Further specimens of these new species have also been collected from the Philippines by the MUSORSTOM 1 Expedition (1976) by the NO *Vauban*, and from Vietnam, collected by Zdeněk Ďuriš. The number of *Ancylomenes* species is now increased to 20 species. The Northwest Shelf specimens were collected from depths of 80–83 m, the Philippines specimens from 122–143m and the Vietnam specimens from 9.2 m. The specimens are deposited in the collections of the Northern Territory Museum, Darwin, Queensland Museum, Brisbane, and the Muséum national d'Histoire Naturelle, Paris.

Abbreviations used: CL post-orbital carapace length CSIRO, Commonwealth Scientific and Industrial Research Organization; MNHN, Muséum national d'Histoire Naturelle, Paris; NTM Northern Territory Museum, Darwin; R rostral dentition, epigastric tooth + dorsal/ventral rostral teeth.

Systematics

Palaemonidae Rafinesque, 1815

Pontoniinae Kingsley, 1879

Genus *Ancylomenes* Okuno & Bruce, 2010: 86–88