



A revision of the systematic position of *Periclimenaeus spinimanus* Bruce, 1969 (Crustacea: Decapoda: Pontoniinae) and the designation of *Anisomenaeus* gen. nov.*

A.J. BRUCE

Crustacea Section, Queensland Museum, P.O. Box 3300, South Brisbane, Queensland, 4101 Australia. E-mail: abruce@broad.net.au

* In: De Grave, S. & Fransen, C.H.J.M. (2010) Contributions to shrimp taxonomy. *Zootaxa*, 2372, 1–414.

In the course of studying a number of Indo-West Pacific species of the genus *Periclimenaeus* Borradaile, 1915, it was noticed that *Periclimenaeus spinimanus* Bruce, 1969, does not fit the current definition of the genus (Bruce 1995), where the species was unfortunately used to illustrate the genus *Periclimenaeus*. The species is known only from the type specimen collected off Ras Asir, Somalia, at 67.5–73.1 m, during the course of the R.V. *Anton Bruun* cruise 9 of the International Indian Ocean Expedition in 1964. A preliminary description was provided by Bruce (1969) and later, a more detailed illustrated description (Bruce 1978). The species lacks a molar process on the dactylus and an opposing fossa on the fixed finger of the major second pereopod, the major diagnostic character of the genus *Periclimenaeus* Borradaile. A new mono-specific genus is now proposed for its reception.

Abbreviation used: USNM, National Museum of Natural History, Washington.

Systematic account

Palaemonidae Rafinesque, 1815

Pontoniinae Kingsley, 1879

***Anisomenaeus* gen. nov.**

Diagnosis. Small shrimp of subcylindrical body form. Rostrum well developed, compressed, dorsally and ventrally dentate. Carapace smooth, glabrous, inferior orbital angle obsolete, orbit generally feebly developed, with small supraorbital tubercle, epigastric and hepatic spines absent, antennal spine present, anterolateral lateral angle of branchiostegite rounded. Abdomen smooth, glabrous, first tergite with dorsal anterior median lobe, pleura with posterior margins rounded. Telson with two pairs of dorsal spines, three pairs of posterior spines. Eye normal, with globular cornea. Antennule normal. Antenna with basicerite unarmed, scaphocerite well developed. Epistome unarmed. Mandible without palp, molar process robust, incisor reduced to acute process; maxillula with bilobed palp, upper lacinia spinose, lower lacinia setose; maxilla with simple palp, basal endite bilobed, scaphognathite normal; maxillipeds without special features, exopodal flagella slender with four long plumose terminal setae and several shorter adjacent setae. First maxilliped with bilobed epipod, second maxilliped with small subrectangular epipod without podobranch, third maxilliped with ischium fused to basis, coxa with small rounded lateral plate, without medial process, small arthrobranch present. First pereopods slender, chela with fingers short, stout, scaphoid, dactylus with simple bidentate tip, fixed finger simply acute distally, cutting edges entire, basi-coxal articulation with protuberant process. Second