A new genus and new species of leucosiid crab from New Caledonia, with a note on the validity of Tanaoa serenei (Richer de Forges, 1983) (Crustacea: Decapoda: Brachyura)

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Abstract

Randallia serenei Richer de Forges, 1983, is shown to be a distinct species and not a synonym of Tanaoa distinctus (Rathbun, 1894). Two other species currently placed in Randallia, R. granulata Miers, 1886, and R. speciosa Chen, 1989, are also transferred to Tanaoa Galil, 2003. A new genus and new species of leucosiid crab, Galilia narusei, is also described from New Caledonia. While superficially resembling species of Toru Galil, 2003, it differs markedly in its very granular carapace, rounded intestinal tubercles, short male chelifeds and ambulatory legs as well as a gently bent male first pleopod. The nomenclature of Randallia pustulilabris Alcock, 1896, is also discussed, and Ihleorandallia Števčić, 2005, a nomen nudum, is shown to be a junior synonym of Toru.

Key words: Leucosiidae, New Caledonia, Guam, Hawaiian Is., Indo-West Pacific region, new genus, new species, Toru, Tanaoa, Randallia, Ihleorandallia

Introduction


Here we discuss the taxonomy of some of the species now placed in Randallia, resurrect R. serenei Richer de Forges, 1983, which was synonymised with Tanaoa distinctus (Rathbun, 1894) by Galil (2003). We also describe a new genus and new species of leucosiid from New Caledonia which superficially resembles members of the genus Toru Galil, 2003. Specimens examined are deposited in the Zoological Reference Collection (ZRC) of the Raffles Museum of Biodiversity Research, National University of Singapore; and Muséum national d’Histoire naturelle, Paris (MNHN). Measurements are of the carapace length (measured from tip of