



Two new species of *Notonyx* A. Milne-Edwards, 1873 (Crustacea: Decapoda: Brachyura: Goneplacidae) from the Philippines and Fiji

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Abstract

Two new species of goneplacid crabs assigned to *Notonyx* A. Milne-Edwards, 1873 (Crustacea: Brachyura: Goneplacidae) are described from the Philippines and Fiji. *Notonyx sagittifer* n. sp. from Philippines is superficially similar to *N. latus* Ng & Clark, 2008, from the Lesser Sunda Islands in Indonesia, but the carapace of the new species is proportionately less broad and the morphologies of the male first and second gonopods are significantly different. *Notonyx rayneri* n. sp. is closest to *N. kumi* Naruse & Maenosono, 2009, from Japan and Indonesia but differs markedly in its carapace proportions as well as the structures of the male first and second gonopods.

Key words: Crustacea, Decapoda, Brachyura, Goneplacidae, *Notonyx*, new species, Fiji, Philippines

Introduction

Clarifying the identity of *Notonyx nitidus* A. Milne-Edwards, 1873 (see Clark & Ng 2005) stimulated renewed taxonomic interest in this goneplacid genus because several new species have been recently described (Ng & Clark 2008; Naruse & Maenosono 2009; Rahayu & Ng 2010). Clark & Ng (2006) discussed the old records of “*N. nitidus*” and commented that while many probably represented new species, it was difficult to confirm the actual identities of these without checking the material. Re-examination of Tesch’s (1918) material from the Lesser Sunda Islands showed that they belonged to *N. kumi* Naruse & Maenosono, 2009; while Stephensen’s (1946) material from Indonesia represented another new species, *N. latus* Ng & Clark, 2008. Recently, through the courtesy of Marivene Manuel-Santos of the National Museum of the Philippines, the specimen discussed and figured by Serène & Umali (1972) from the Philippines was examined. It is here recognized as a new species. Furthermore, a study of the dried collections in the Natural History Museum (London) also uncovered a specimen collected from Fiji which also proved to be new.

Here, we describe, illustrate and name the two new *Notonyx* species from Fiji and the Philippines. Material examined is deposited in the Crustacean Collection of the National Museum of the Philippines, Manila (NMCR); and Natural History Museum, London (NHM). The following abbreviations are used: male first gonopod = G1; male second gonopod = G2. Measurements provided are expressed (in millimetres) as carapace width × carapace length.

Systematic account

Goneplacidae MacLeay, 1838

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