



The species of *Notonyx* A. Milne-Edwards, 1873, from Lesser Sunda and Maluku Islands, Indonesia, with description of a new species (Crustacea: Decapoda: Brachyura: Goneplacidae)

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Abstract

Four species of *Notonyx* A. Milne-Edwards, 1873, are reported from the Lesser Sunda and Maluku islands in Indonesia. *Notonyx castroi* n. sp. is characterised by its distinctive male first gonopod, *N. gigacarcinicus* Clark & Ng, 2006, originally described from western Thailand, is recorded only for the second time, while Banda and Seram are new Indonesian localities for *Notonyx kumi* Naruse & Maenosono, 2009. Taxonomic notes are given for the recently described *N. guinotae* Rahayu & Ng, 2010, from Lombok.

Key words: Crustacea, Decapoda, Brachyura, Goneplacidae, *Notonyx*, new species, new records, Indonesia

Introduction

The number of new species of *Notonyx* A. Milne-Edwards, 1873 (family Goneplacidae) described from the Indo-West Pacific has increased in recent years. There are currently eight species: *Notonyx nitidus* A. Milne-Edwards, 1873, *N. vitreus* Alcock, 1900, *N. gigacarcinicus* Clark & Ng, 2006, *N. latus* Ng & Clark, 2008, *N. kumi* Naruse & Maenosono, 2009, *N. guinotae* Rahayu & Ng, 2010, *N. sagitifer* Ng & Clark, 2010, and *N. rayneri* Ng & Clark, 2010.

The purpose of this paper is to comment upon a small collection of *Notonyx* A. Milne-Edwards, 1873, from the Indonesian Lesser Sunda Islands of Lombok and Sumbawa, as well as Seram and Banda in Maluku (= Moluccas). *Notonyx kumi* previously known from Sumbawa is recorded from Seram and Banda while *N. gigacarcinicus*, from Lombok, is a new record for Indonesia. Another species from a seagrass bed in Lombok is regarded as new and superficially resembles *N. nitidus* and *N. gigacarcinicus* but can be distinguished by a number of carapace and gonopodal features. The fourth species, *N. guinotae*, had already been described from Lombok by Rahayu & Ng (2010).

Material examined is deposited in the Museum Zoologi Bogor (MZB), Indonesian Institute of Sciences, Cibinong, Indonesia; and Zoological Reference Collection (ZRC) of the Raffles Museum of Biodiversity Research, National University of Singapore. Size is indicated by the carapace width and length (width × length) in mm. The terminology used in the description generally follows that of Clark & Ng (2006). The abbreviations G1 and G2 refer to the male first and male second gonopod, respectively.

Systematic account

Family Goneplacidae MacLeay, 1838

Notonyx A. Milne-Edwards, 1873