



## A new species of *Notonyx* A. Milne-Edwards 1873 (Crustacea: Decapoda: Brachyura: Goneplacidae) from Maluku, Indonesia

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### Abstract

A new species of *Notonyx* A. Milne-Edwards, 1873 (Crustacea: Decapoda: Brachyura: Goneplacidae) is described from Maluku, Indonesia and differs from closely related species, *N. latus* Ng & Clark, 2008 and *N. sagittifer* Ng & Clark 2010, in that the male abdomen is relatively narrower and the tip of the male second gonopod is sickled-shaped.

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

### Introduction

The examination of the holotype and many specimens of *Notonyx nitidus* A. Milne-Edwards, 1873 by Clark & Ng in 2006 has stimulated a number new species description for this genus (Clark & Ng 2006; Ng & Clark 2008; 2010; Naruse & Maenosono 2009; Rahayu & Ng 2010a; 2010b; Naruse & Takeda 2010; Clark & Ng in press). Recently, four specimens of *Notonyx* from Buntal, a small island in the west of Seram, Maluku, Indonesia were discovered in the collections of the Marine Bio-industry Implementation Unit Mataram, Indonesia and could not be attributed to any other described species of *Notonyx*. These specimens resemble *N. latus* Ng & Clark, 2008, and *N. sagittifer* Ng & Clark, 2010, in having the tip of the male first gonopod hooked or bent, but differ in many other specific characters such as the sickle-shaped tip of the male second gonopod and the relatively short merus of the third maxilliped. The purpose of this present study is to describe the Buntal specimens as a new *Notonyx* species.

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

### Taxonomic account

#### Family Goneplacidae MacLeay, 1838

#### Genus *Notonyx* A. Milne-Edwards, 1873

#### *Notonyx falcatus* n. sp.

(Fig. 1–4)

**Material examined.** Holotype male, 15.2 × 11 mm (MZB), Pulau Buntal, Seram Island, Maluku, Indonesia, 03°03'10"S 128°04'50"S, 29 June 1993. Paratypes, 2 females 16 × 11.2 mm, 8 × 5.8 mm (ZRC), 1 juvenile female 5 × 4.2 mm (MZB), same locality as holotype.