



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

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### Abstract

A new species of *Notonyx* A. Milne-Edwards, 1873 (Crustacea: Brachyura: Goneplacidae) is described from the Lesser Sunda Islands, Indonesia. It differs from known congeners by possessing a relatively broader carapace and distinctive male first gonopod. The affinities of the new species with the superficially similar *N. nitidus* A. Milne-Edwards, 1873, and *N. gigacarcinicus* Clark & Ng, 2005, are discussed.

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

### Introduction

The goneplacid genus *Notonyx* A. Milne-Edwards, 1873 (type species *Notonyx nitidus* A. Milne-Edwards, 1873), has been reviewed by a number of authors in recent years. Clark & Ng (2005) described a new species from Thailand, reviewed the literature and systematic history of the genus, concluded that the genus was a goneplacid, discussed the taxonomy of the type species and *N. vitreus* Alcock, 1900, and noted that there were several new species that needed to be recognized (see also Ng et al. 2008: 81). At the same time, Števíč (2005) established a new family and superfamily, Notonycidae Števíč, 2005, and Notonycoidae, respectively, for *Notonyx* without informative discussion. Castro (2007) subsequently reviewed the Goneplacidae MacLeay, 1838, and revised Goneplacinae sensu stricto. He argued that *Notonyx* is a goneplacine and did not merit its own family or superfamily; a view followed and supported by Ng et al. (2008: 80).

Of the two new *Notonyx* taxa mentioned by Clark & Ng (2005) and Ng et al. (2008: 81), one is conspecific with a new species currently being described by Naruse & Maenosono (in press) from Japan and Indonesia. The second new *Notonyx* species from Indonesia is described in this present study.

Material examined is deposited in the Zoological Museum, University of Copenhagen (ZMUC), Denmark. The following abbreviations are used: male first gonopod = G1; male second gonopod = G2; juv. = juvenile. Measurements provided are of the carapace width and length respectively. All measurements of the material examined are expressed as carapace width × carapace length.

### Systematic Account

#### Goneplacidae MacLeay, 1838

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