



Notes on Hexapodidae (Crustacea, Brachyura) from Indonesia and Malaysia, with description of a new species of *Mariaplax* Rahayu & Ng, 2014, from Lombok, Indonesia

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Abstract

The male of *Hexapinus latipes* (De Haan, 1835), so far known only from female specimens, is described based on the material reported by De Man (1888) as “*Hexapus sexpes*”. Material referred to “*Hexapus sexpes*” by Tesch (1918) is shown instead to belong to *Hexapinus simplex* Rahayu & Ng, 2014, and *Hexapinus latus* Rahayu & Ng, 2014, while his “*Hexaplax megalops* Doflein, 1904” belongs to *Hexaplax aurantium* Rahayu & Ng, 2014. A new species, *Mariaplax aspera* n. sp., is described from a female collected in Lombok, Indonesia. This new species most closely resembles *M. narusei* Rahayu & Ng, 2014, described from Japan, but differs by its relatively narrower carapace, shorter ambulatory legs, tuberculated third maxillipeds, and shorter telson.

Key words: Crustacea, Brachyura, taxonomy, Hexapodidae, new records, new species, *Mariaplax*, Indonesia, Malaysia

Introduction

Rahayu & Ng (2014) substantially revised the systematics of the Indo-West Pacific Hexapodidae; describing three new genera and 18 new species. They nevertheless did not have an opportunity to examine the material reported by Tesch (1918) and De Man (1888) from Indonesia; although they indicated that their records of “*Hexapus sexpes*” were probably species of *Hexapinus* Manning & Holthuis, 1981.

The first author recently had a chance to examine the material of Tesch and De Man in The Naturalis (Leiden, The Netherlands) (NNM) and the Senckenberg Museum (Frankfurt am Main, Germany) (SMF). The Naturalis material also included the material of the Siboga Expedition previously kept at the Zoological Museum of the University of Amsterdam (ZMA). A new species of *Mariaplax* Rahayu & Ng, 2014, recently collected from Lombok is also diagnosed and compared with its closest congener. Other material examined is deposited in the Muzium Zoologicum Bogoriense (MZB), Bogor, Indonesia; Zoological Reference Collection (ZRC) of the Lee Kong Chian Natural History Museum, National University of Singapore; and the Kanagawa Prefectural Museum (KPM), Japan. Measurements provided (in millimetres) are of the carapace width and length, respectively. The following abbreviations are used: G1 = male first gonopod; P2–P4 = pereopods 2–4 (first to third ambulatory legs), respectively. The reader is referred to Rahayu & Ng (2014) for a more extensive synonymy and list of comparative material examined for the species treated below.

Systematics

Family Hexapodidae Miers, 1886