



Partial revision of freshwater shrimps from Central Sulawesi, Indonesia, with descriptions of two new species (Crustacea: Decapoda: Atyidae)

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Abstract

The taxonomy of freshwater shrimps of the family Atyidae from the Malili lake system, Central Sulawesi, is partially revised based on museum materials and fresh collections. *Caridina lanceolata*, *C. masapi*, *C. spinata* and *C. loehae* are redescribed and neotypes are designated as all type materials for these species are no longer extant. Two new species, *C. woltereckae* and *C. mahalona*, are described and illustrated in details.

Key words: Decapoda, Atyidae, *Caridina*, freshwater shrimps, new species, taxonomy, Sulawesi

Introduction

Klotz *et al.* (2007) recently redescribed two species of freshwater shrimps of the genus *Caridina* H Milne Edwards, 1837, from Sulawesi, giving a detailed literature review on the atyid shrimps reported from that island. Subsequently, Cai & Wowor (2007) added one new species to the fauna of Sulawesi. The aim of the present study was to partially revise the *Caridina* species which have been reported from the Malili lake system of Central Sulawesi based on specimens available. In this study, detailed descriptions and illustrations are provided for the new and the rarely reported species. Specimens examined are deposited in the Zoological Reference Collection, Raffles Museum of Biodiversity Research, National University of Singapore, Singapore (ZRC); Museum Zoologicum Bogoriense, Indonesia (MZB) and National Museum of Natural History, Leiden, the Netherland (RMNH). The abbreviation cl is used for carapace length measured in mm from the post-orbital margin to the posterior margin of the carapace.

Systematic account

Family Atyidae De Haan, 1849

Caridina H Milne Edwards, 1837

Caridina lanceolata Woltereck, 1937

(Figures 1, 2)