



Caridina jeani*, a replacement name for *Caridina typus* var. *brevirostris* J. Roux, 1911 from Eastern Indonesia (Crustacea: Decapoda: Atyidae)

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Abstract

Caridina typus var. *brevirostris* Roux is shown to be specifically different from *Caridina typus* H. Milne Edwards, 1837. A new name *Caridina jeani* is thus proposed for the species as the name *Caridina brevirostris* is preoccupied by *C. brevirostris* Stimpson, 1860. The species is re-described and illustrated in detail based on syntypic specimens. It differs markedly from *Caridina typus* by possessing sexual dimorphism on the third and fourth pereopods. A lectotype is designated.

Key words: Decapoda, Atyidae, *Caridina*, freshwater shrimps, taxonomy, Indonesia

Introduction

As part of an ongoing revision of the freshwater shrimps of the genus *Caridina* H. Milne Edwards, 1837, from South East Asia, syntypes of *Caridina typus* var. *brevirostris* Roux, 1911 were re-examined and compared to *Caridina typus* H. Milne Edwards, 1837. Results show that the morphological difference between both taxa is significant enough to elevate this subspecies to species level. Though the name *Caridina brevirostris* Stimpson, 1860 has been shown to be a junior synonym of *Atyoida pilipes* (Newport, 1847) by Cai *et al.* (2006), it remains a senior homonym of *C. typus* var. *brevirostris*. Hence, a new name needs to be proposed for this taxon. The present study reports the result of the morphological re-examination, and the species is re-described in detail under a replacement name. Specimens examined are deposited in Senckenberg Museum, Frankfurt, Germany.

***Caridina jeani* nom. nov.**

(Figs. 1–2)

Caridina typus var. *brevirostris* Roux, 1911: 87. [type locality: Kei Islands, Indonesia; name preoccupied by *Caridina brevirostris* Stimpson, 1860].

Material examined. Lectotype: male, cl 4.3 mm, syntype of *Caridina typus* var. *brevirostris* J. Roux, 1911, SMF 2148, Elat, Kei Islands, Moluccas, Indonesia, coll. A. Merton, 3 June 1908. Paralectotypes: 33 males, cl 3.5–4.6 mm, 9 females, cl 3.2–5.0 mm, 4 ovigerous females, cl 4.3–6.3 mm, 39 juveniles, same data as lectotype.

Description. Rostrum (Figs. 1A, 2A) short, straight, reaching near to or slightly beyond end of basal segment of antennular peduncle; unarmed dorsally, armed ventrally with 1–5 very small teeth; inferior orbital angle of carapace fused with antennal spine; pterygostomial angle broadly subrectangular.