



A new species of the genus *Iiella* Băcescu, 1968 (Crustacea: Mysida: Mysidae) from Malaysia, with notes on *I. elegans* (Tattersall, 1960)

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Abstract

Iiella malayensis sp. nov. from Malaysian waters is described here. This species is distinguished from related species by the shape of the rostral plate, the number and length of the subsegments of the first exopodal segment of the third male pleopod, the number of spines on the labrum, the number of spiniform setae on the lateral margin of the telson, and the position of the anterior end of the apical cleft of the telson. Supplemental taxonomic notes on *I. elegans* (Tattersall, 1960) based on type specimens are provided. A key to the species of *Iiella* is provided.

Key words: Crustacea, Mysida, *Iiella*, new species, Malaysia

Introduction

The genus *Iiella* Băcescu, 1968 was established to accommodate species separated from *Gastrosaccus* Norman, 1868 on the basis of the characteristics of the labrum and pleopods as follows: the labrum has a long, median, frontal process and several short, acute processes on the each side of it; all pleopods of female are uniramous; and the endopod of the third male pleopod is multi-articulated. It currently comprises eight species (Mees 2010), which are distributed in East Asian and Southeast Asian waters (Table 1).

TABLE 1. Geographical distribution of *Iiella* species.

Species	Distribution	References
<i>Iiella elegans</i> (Tattersall, 1960)	Singapore	Tattersall (1960)
<i>Iiella formosensis</i> (Ii, 1964)	Korea (Yellow Sea), China (Bohai Sea, Yellow Sea, East China Sea, South China Sea), southwestern Taiwan	Ii (1964), Wang & Liu (1987, 1997), Shen <i>et al.</i> (1989), Jo & Ma (1996)
<i>Iiella hibii</i> (Ii, 1964)	western Japan (Ariake Sea, East China Sea), China (East China Sea, South China Sea), northwestern Taiwan, Southeast Asian water (South China Sea)	Ii (1964), Wang & Liu (1987), Jo (1991)
<i>Iiella hispida</i> Jo & Murano, 1992	Panay Island (Philippines)	Jo & Murano (1992)
<i>Iiella iriomotensis</i> Fukuoka & Murano, 1997	Ryukyu Islands (southwestern Japan)	Fukuoka & Murano (1997)
<i>Iiella kojimaensis</i> (Nakazawa, 1910)	Japan (Seto Inland Sea), Korea (Yellow Sea, East China Sea), southwestern Taiwan	Nakazawa (1910), Zimmer (1918), Ii (1964), Jo (1991)
<i>Iiella malayensis</i> sp. nov.	Malaysia (South China Sea)	Present study
<i>Iiella ohshimai</i> (Ii, 1964)	Japan (Japan Sea, Pacific, East China Sea), China (South China Sea)	Ii (1964), Wang & Liu (1987), Jo (1991)
<i>Iiella pelagica</i> (Ii, 1964)	Korea (Korean Strait, Yellow Sea), China (Yellow Sea, East China Sea), central East China Sea	Ii (1964), Shen <i>et al.</i> (1989), Jo (1991), Jo & Ma (1996), Wang & Liu (1997), Jo <i>et al.</i> (1998)