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A new species of the genus *Mantisgebia* Sakai, 2006 (Crustacea, Decapoda, Gebiidea, Upogebiidae) from the South China Sea

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Abstract

A new species of the genus *Mantisgebia* Sakai, 2006, *M. multispinosa* sp. nov., collected from the South China Sea, is described and illustrated. It is readily distinguished from the other three species of the genus by the numerous spines on the cervical groove, hepatic region, and lower margins of the antennular and antennal peduncles.

Key words: *Mantisgebia*, new species, South China Sea

Introduction

While working on a systematic study of the gebiidean fauna (Crustacea: Decapoda) of Chinese waters, an undescribed species of the genus *Mantisgebia* Sakai, 2006 was found from the South China Sea.

The genus *Mantisgebia* Sakai, 2006 is characteristic among upogebiids in having: the rostrum elongate, bearing a median longitudinal groove and a row of tubercles on each lateral margin; no infrarostral spine; pereopods 1–4 slender; pereopod 1 subchelate; the telson lateral margins slightly convergent posteriorly, with the posterior margin deeply concave forming a V-shape.

Only three species are known, all from the Indo-West Pacific: *M. kyusyuensis* (Yokoya, 1933), *M. vonvaupeli* Sakai, 2006 and *M. tuerkayi* Sakai, 2011. *Mantisgebia kyusyuensis* was tentatively included in the genus by Sakai (2006).

The higher taxonomy of the Upogebiidae (13 genera, 163 species according to Ahyong *et al.* 2011) is beyond the scope of this paper and is not discussed here. In this paper we describe and illustrate a new species of *Mantisgebia* from the South China Sea.

Material And Methods

Material for this study was collected in the South China Sea. All material examined is deposited in the Institute of Oceanology, Chinese Academy of Sciences, Qingdao, China (IOCAS). The drawings were made with the aid of drawing tube mounted on a Zeiss Stemi Sv11 compound microscope. The following abbreviations are used throughout the text: cl, length of carapace.

Systematics

Family Upogebiidae Borradaile, 1903