

## Tanaidacea (Crustacea: Peracarida) from Japan. V. A New Species of *Chauliopleona* from Nagasaki, Kyushu

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A new species of tanaid, *Chauliopleona sinusa*, is described on the basis of material from Shijiki Bay, Nagasaki, and Tomioka Bay, Kumamoto, southwestern Japan, including both male and female specimens. The female is distinguished from those of other species of the genus by the following combination of characters: pereonites with straight lateral margins; maxilliped basis without long setae; cheliped completely devoid of carpal shield; propodus and dactylus with strong dorsal crenulation; pereopod 1 with carpus bearing ventrodorsal row of spines. The male may be separated from that of *C. hansknechti* Larsen and Shimomura, 2007, the only congener for which the male is known, by its pleonites without posterior protuberances, cheliped propodus and dactylus with strong dorsal crenulation, and carpus with a robust expansion and very weak shield.

**Key Words:** Crustacea, Tanaidacea, Tanaidomorpha, *Chauliopleona*, new species, Japan.

### Introduction

This is the fifth of a series of taxonomic papers on the Tanaidacea from Japanese waters. For an overview of previous studies on the Tanaidacea of Japan, see Larsen and Shimomura (2006, 2007a, 2007b, 2008), Bamber (2007), Bird (2007a, 2007b), Blazewich-Paszkowycz (2007), Kakui *et al.* (2007), Larsen (2007), and McLelland (2007). This report concerns a shallow-water species of *Chauliopleona* Dojiri and Sieg, 1997 from the west coast of Japan. The species was found during a visit to the Toyama Science Museum, the extensive tanaid collection of which consists mainly of common shallow-water taxa belonging to the families Kalliapseudidae, Tanaidae, and Leptocheliidae, as well as a few specimens of Parapseudidae and Apeudidae. Such a taxonomic composition is typical of most shallow-water tanaid collections, but *Chauliopleona* is more commonly found at intermediate depths or in the deep sea (Guerrero-Kommritz 2005; Larsen and Shimomura 2007a). The genus has a vertical distribution of more than 5000 meters but this is the first time it has been found shallower than 50 meters.

*Chauliopleona* has been collected in both polar regions (Hansen 1913 [as *Lep-tognathia*]; Guerrero-Kommritz 2005), the Gulf of Mexico (Larsen 2005), and the Pa-