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# Description of two new species of Ischyroceridae (Crustacea: Amphipoda) from the coast of Southeastern Brazil

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## Abstract

Taxonomic descriptions and figures are provided for 2 new species of Ischyroceridae (*Cerapus jonsoni* **sp. nov.** and *Notopoma fluminense* **sp. nov.**) from samples of Southwestern Atlantic, between the latitudes 22° and 24° S. *Cerapus jonsoni* **sp. nov.** is easily distinguished from others species of the genera recorded in Atlantic Ocean by dacyli of pereopods 6 and 7 with 1 accessory spine. *Notopoma fluminense* **sp. nov.** is characterized by 5 setal teeth on outer plate of maxilla 1, only 1 accessory spine on pereopod 7 dactylus and pleopod 3 absent.

**Key words:** *Cerapus jonsoni* **sp. nov.,** *Notopoma fluminense* **sp. nov.,** Amphipoda, Ischyroceridae, taxonomy

## Introduction

The tubiculous genus *Cerapus* has been subject to revision by Lowry & Berents, 1996, when it was established 5 genera in the *Cerapus* clade (*Bathypoma* Lowry & Berents, 1996; *Cerapus* Say, 1817; *Notopoma* Lowry & Berents, 1996; *Runanga* Barnard, 1961 and *Paracerapus* Budnikova, 1989). The current study follows this taxonomic approach. The genus *Notopoma* can be distinguished from *Cerapus* by having a peduncular article 1 of antenna 1 dorsally and medially produced, which functions as an operculum for closing the tube.

The specimens of *Cerapus jonsoni* **sp. nov.** were taken during an exploration project of benthic invertebrates (ECOSAN Project) from the Santos Continental Shelf region (24°03´S – 46°22´W) in 14 – 94 meters deep. The specimens of *Notopoma fluminense* **sp. nov.** were collected by the Campos Basin Environmental Project coordinated by Shell Brasil E&P, on Campos Basin region (22°41´S–40°20´W) AT 730 – 815 meters depth. Type material is lodged in the Museu de Zoologia, Universidade de São Paulo (MZUSP). Measurements of specimens indicative of body length are given in millimetres (mm). The crustacean setae classification proposed by Watling (1989) is here adopted. Abbreviations used for the figures are as follows: **A,** antennae; **HA**, habitus; **Md**, mandible; **Mx**, maxilla; **Mxp**, maxilliped; **P**, pereopod; **PL** pleopod; **G**, gnathopod; **U**, uropod; **T**, telson.

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