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A new species of *Catapagurus* A. Milne-Edwards (Crustacea: Decapoda: Anomura: Paguridae) from Brazil, with a key to the western Atlantic species

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Abstract

We describe herein a new species of *Catapagurus*, the twenty-second species of the genus. This is the third species of *Catapagurus* recorded from the western Atlantic and the second from Brazil; the remaining 19 species occur in the Indo-Pacific region.

Key words: Crustacea, Paguridae, *Catapagurus*, new species, Brazil

Introduction

The pagurid genus *Catapagurus* includes 21 species, of which only two are known to occur in the Atlantic Ocean, and the remainder in the Indo-Pacific (see revisions by Asakura 2001; McLaughlin 2004). In addition to *C. sharreri* and *C. gracilis*, the new species described herein is the third member of this genus from the western Atlantic.

The measurements (in millimeters) provided for the material examined correspond to the shield length, measured from the midpoint of the rostral lobe to the midpoint of the posterior margin of the shield. Corneal diameter is measured as the maximum width of the cornea on the dorsal surface. The abbreviations ovig. and MZUSP refer to ovigerous female and Museu de Zoologia da Universidade de São Paulo (Zoology Museum of the University of São Paulo), respectively.

Taxonomy

Family Paguridae Latreille, 1802

Genus *Catapagurus* A. Milne-Edwards, 1880

Type species. *Catapagurus sharreri* A. Milne-Edwards, 1880.

Key to species of *Catapagurus* from the western Atlantic

- 1. Coxa of right cheliped unarmed *C. gracilis*
- Coxa of right cheliped with spine at ventromesial distal angle. 2
- 2. Lateral margins of telson each with two articulated spines *C. sharreri*
- Lateral margins of telson without articulated spines *C. cunhai* n. sp.