

Ampeliscaidae from the Brazilian coast. Record of *Ampelisca burkey* Barnard & Thomas, 1989 and descriptions of two new species of *Ampelisca* (Crustacea, Amphipoda)

MARIA TERESA VALÉRIO-BERARDO¹ & YOKO WAKABARA²

1-Universidade Presbiteriana Mackenzie- FCBEE. Rua da Consolação 896, 01302–907, São Paulo, Brazil,

2-Universidade de São Paulo, Instituto Oceanográfico, Praça do Oceanográfico 191, 05508–900, São Paulo, SP, Brazil,

Abstract

This study comprises the description of two new species of *Ampelisca* Costa, 1857, from Brazilian coast. *Ampelisca flabellicaudata* sp. nov. is characterized by head with antero-ventral and antero-dorsal margins parallel, pereopod 7 carpus and propodus stout, subequal in length, urosomite 1 produced and pointed dorsally and uropod 3 with outer ramus rounded apically. *Ampelisca moreirai* sp. nov. is characterized by head with antero-ventral margin oblique, pereopod 7 merus postero- distal lobe enlarged to propodus, urosomite 1 dorsally produced into a sharpened upturned carina and uropod 3 lanceolate. Another species, *Ampelisca burkey* Barnard & Thomas, 1989 is herein first recorded from the Southwestern Atlantic Ocean.

Key words: Amphipoda, Ampeliscaidae, *Ampelisca*, new species, Brazilian coast

Introduction

The cosmopolitan genus *Ampelisca* is one of the most diverse genus and comprises more than 150 species (Kaïm- Malka, 2000). Species of this genus are abundantly distributed mainly on the continental shelf on sand and mud bottoms.

Previous studies of *Ampelisca* from the Brazilian waters are those of Serejo *et al.* (2000) that recorded six species: *A. brevisimulata* Barnard, 1954; *A. cristata* Holmes, 1908; *A. aff. lobata*; *A. paria* Barnard & Agard, 1986; *A. pugetica* Stimpson, 1864 and *A. romigi* Barnard, 1954. Valério-Berardo *et al.* (2005) described recently other two new species from southeastern Brazil: *A. subtropicalis* and *A. rodriguesi*.

Two new species of *Ampelisca*: *A. flabellicaudata* sp. nov. and *A. moreirai* sp. nov. are added herein. They are described and compared with related species. *Ampelisca burkey*