

## Deep-sea Pasiphaeidae (Crustacea: Decapoda: Caridea) from off the Brazilian central coast between 11° and 22°S, collected by the Revizee Program

CAROLINA R. TAVARES<sup>1</sup> & IRENE A. CARDOSO<sup>2</sup>

Museu Nacional/UFRJ, Departamento de Invertebrados, Quinta da Boa Vista s/n°, 20940-040, Rio de Janeiro, Brazil. E-mail: <sup>1</sup>ctavares@mn.ufrj.br; <sup>2</sup>irenecardoso@mn.ufrj.br

### Abstract

The family Pasiphaeidae is composed of seven genera, and only one of these genera, *Leptochela*, has been recorded from off Brazilian waters. From collections made during the Revizee Program — Central Score (between 11°–22°S and 200–2200m), four species are recorded for the first time from off the Brazilian coast: *Pasiphaea merriami*, *Pasiphaea princeps*, *Parapasiphae cristata* and *Parapasiphae sulcatifrons*.

**Key words:** Pasiphaeidae, *Pasiphaea*, *Parapasiphae*, Brazil, Revizee Program

### Introduction

The family Pasiphaeidae is composed of seven genera, with a worldwide distribution. Of these genera, only *Leptochela* Stimpson, 1860, typical from shallow waters, has been recorded from Brazilian coast. The known species of *Leptochela* from Brazilian waters are: *Leptochela (Leptochela) bermudensis* Gurney, 1939, from Maranhão and Piau' states; *Leptochela (Proboloura) carinata* Ortmann, 1893, from Pará to Alagoas states; and *Leptochela (Leptochela) serratorbita* Bate, 1888 from Amapá to Pernambuco and São Paulo states (Ramos-Porto & Coelho 1998). During the Revizee Program — Central Score, a total of 130 trawls were made on the central Brazilian continental slope, from 200 to 2200 meters, between 11°S and 22°S (from Bahia to Rio de Janeiro states). In the material examined herein four species are recorded for the first time from Brazilian waters: *Pasiphaea merriami* Schmitt, 1931, *Pasiphaea princeps* Smith, 1884, *Parapasiphae cristata* Smith, 1884 and *Parapasiphae sulcatifrons* Smith, 1884. Abbreviation used: cl — carapace length.