

ISBN 85-7427-001-6

Capa diagramada por Eduardo Borges da Silva, mostrando o rizocéfalo *Lernaeodiscus porcellanae* Müller, a lagosta *Metanephrops rubellus* (Moreira), o anfípodo *Heterophlias seclusus* Shoemaker e o espeleogrífáceo *Potiiicoara brasiliensis* Pires (desenhado por Luis Antônio A. Costa).

Suporte financeiro



**Fundação Universitária  
José Bonifácio**

MUSEU NACIONAL – Universidade Federal do Rio de Janeiro  
Quinta da Boa Vista, São Cristóvão, 20940-040  
Rio de Janeiro, RJ – Brasil

Impresso no Brasil

*Série Livros 6*

**CATALOGUE OF CRUSTACEA  
OF BRAZIL**

**Edited by  
Paulo S. Young**

RIO DE JANEIRO  
MUSEU NACIONAL  
1998

## **UNIVERSIDADE FEDERAL DO RIO DE JANEIRO**

**Reitor** – Professor José Henrique Vilhena de Paiva

### **MUSEU NACIONAL**

**Diretor** – Professor Luiz Fernando Dias Duarte

**Comissão Editorial** – Professores Celia Neli Ricci (Presidente); Aparecida Maria Neiva Vilaça, Gabriel Luis Figueira Mejdalani, Marcus Antonio Rezende Maia, Maria Dulce de Barcellos Gaspar de Oliveira, Paulo Secchin Young, Ulisses Caramaschi, Vania Gonçalves Lourenço Esteves, Vera Maria Medina da Fonseca e Bibliotecária Vera de Figueiredo Barbosa.

C257 Catalogue of Crustacea of Brazil / edited by  
Paulo S. Young. -- Rio de Janeiro : Museu  
Nacional, 1998.  
xvii, 717p. ; 23cm. -- (Série Livros; n.6)

Inclui bibliografia.  
ISBN 85-7427-001-6

I. Crustáceos - Brasil - Catálogos. I. Young,  
Paulo S. II. Museu Nacional (Brasil) III. Série.

CDD 595.30981

## SUMMARY

INTRODUCTION.....	vii
AUTHORS OF THE CATALOGUE OF CRUSTACEA FROM BRAZIL.....	xi
BRAZILIAN POLITICAL DIVISIONS (STATES) AND THEIR OCEANIC ISLANDS.....	xvi
CEPHALOCARIDA.....	1
Branchiopoda. ANOSTRACA AND SPINICAUDATA.....	3
Branchiopoda. MARINE "CLADOCERA".....	11
Branchiopoda. FRESHWATER CLADOCERA.....	15
Maxillopoda - MYSTACOCARIDA.....	43
Maxillopoda - NON-MARINE OSTRACODA.....	45
Maxillopoda - BRANCHYURA.....	67
Maxillopoda - Copepoda. HARPACTICOIDA.....	75
Maxillopoda - Copepoda. CYCLOPOIDA.....	129
Maxillopoda - Copepoda. MARINE PLANKTONIC CALANOIDA.....	167
Maxillopoda - Copepoda. FRESHWATER CALANOIDA.....	201
Maxillopoda - Copepoda. PLANKTONIC POECILOSTOMATOIDA.....	221
Maxillopoda - Copepoda. POECILOSTOMATOIDA. MARINE PARASITES.....	235
Maxillopoda - Copepoda. POECILOSTOMATOIDA. NON-MARINE PARASITES.....	241
Maxillopoda - Copepoda. SIPHONOSTOMATOIDA.....	251
Maxillopoda - Copepoda. MONSTRILLOIDA.....	261
Maxillopoda - THECOSTRACA.....	263
Malacostraca - PHYLLOCARIDA.....	287
Malacostraca - HOPLOCARIDA.....	289
Malacostraca - SYNCARIDA.....	299
Malacostraca - Eucarida. EUPHAUSIACEA.....	303
Malacostraca - Eucarida. DENDROBRANCHIATA.....	311
Malacostraca - Eucarida. STENOPODIDEA.....	323
Malacostraca - Eucarida. CARIDEA (Alpheoidea excluded).....	325
Malacostraca - Eucarida. CARIDEA. Crangonoidea and Alpheoidea (Except Glyphocrangonidae and Crangonidae).....	351
Malacostraca - Eucarida. ASTACIDEA.....	373
Malacostraca - Eucarida. NEPHROPIDAE.....	377
Malacostraca - Eucarida. THALASSINIDEA.....	379
Malacostraca - Eucarida. PALINURIDEA.....	387
Malacostraca - Eucarida. CHIROSTYLIDAE and GALATHEIDAE.....	393
Malacostraca - Eucarida. PORCELLANIDAE.....	399
Malacostraca - Eucarida. HIPPOIDEA.....	407
Malacostraca - Eucarida. PAGUROIDEA.....	413
Malacostraca - Eucarida. AEGLIDAE.....	431
Malacostraca - Eucarida. BRACHYURA. DROMIACEA and OXYSTOMATA.....	439
Malacostraca - Eucarida. BRACHYURA. OXYRHYNCHA and BRACHYRHYNCHA.....	455
Malacostraca - Eucarida. BRACHYURA. PSEUDOTHELPHUSIDAE and TRICHODACTYLIDAE.....	517
Malacostraca - Peracarida. MYSIDACEA.....	525
Malacostraca - Peracarida. CUMACEA.....	533
Malacostraca - Peracarida. TANÁIDACEA.....	549

Malacostraca - Peracarida. SPELAEGRIPHACEA.....	559
Malacostraca - Peracarida. AMPHIPODA. GAMMARIDEA and CAPRELLIDEA.....	561
Malacostraca - Peracarida. AMPHIPODA -HYPERIIDEA.....	595
Malacostraca - Peracarida. MARINE ISOPODA. ANTHURIDEA, ASELLOTA (pars), FLABELLIFERA (pars), and VALVIFERA.....	605
Malacostraca - Peracarida. ISOPODA - ASELLOTA. MICROCERBERIDAE.....	625
Malacostraca - Peracarida. ISOPODA - FLABELLIFERA. SPHAEROMATIDAE and ANCINIDAE.....	627
Malacostraca - Peracarida. ISOPODA - FLABELLIFERA. AEGIDAE.....	633
Malacostraca - Peracarida. ISOPODA - EPICARIDEA.....	635
Malacostraca - Peracarida. FRESHWATER ISOPODA. FLABELLIFERA and ASELLOTA.....	645
Malacostraca - Peracarida. ISOPODA - ONISCIDEA.....	653
TAXONOMIC INDEX.....	675

## INTRODUCTION

Although the history of carcinology in Brazil is relatively long, beginning in the last century with the works of Fritz Müller, H. von Ihering, and Carlos Moreira, our crustacean fauna has never been thoroughly catalogued. The fresh-water fauna has been the subject of three compilations. Vanzolini (1964) edited the "História Natural de Organismos Aquáticos do Brasil", which includes information on some groups of crustaceans. Subsequently, Hurlbert (1977) and Hurlbert *et al.* (1981) edited the "Aquatic Biota of Southern South America" and the "Aquatic Biota of Tropical South America" respectively. No previous inventory of the marine and terrestrial crustacean fauna exists.

The planning of this catalogue was initiated during the XX Brazilian Congress of Zoology in July 1994, when some colleagues discussed the format and division of the chapters. Several additional authors were then invited to develop the chapters. In the end, 48 authors participated, covering most crustacean groups. Unfortunately, not all groups have been included, either because of the lack of taxonomic specialists, or because of my own difficulties in contacting appropriate authors. All chapters are presented as they were prepared by the authors, without any changes in the classification or species list. I have altered only the format, sometimes abridging the information in the comments section. The English version was revised by Dr. Janet Reid. Because of the great diversity of authors, differences in focus among the chapters are perceptible. In particular, some authors provided extremely detailed information including ecological references and abstracts of meetings, while others limited themselves to the most important taxonomic literature. I have made no attempt to standardize the information presented.

This study is intended as a reference for students of Brazilian Crustacea, including general biologists, ecologists, limnologists, marine biologists, and taxonomists. It provides usefully detailed information about the diversity of our crustacean fauna. There has been no attempt to treat crustacean

systematics above species level, and I have accepted the personal views of each author. The titles are organized according to the general classification of Bowman and Abele (1982).

Each chapter includes the species found in the marine, freshwater, and terrestrial ecosystems of Brazil. For each species, the following information is provided: Synonymy, Description and diagnosis, References, Geographic distribution, and Comments. The sections on synonymy and description and diagnosis present the literature which best or most recently treated the species. The reference section includes the literature citing the species from Brazil. The geographic distribution gives the general distribution and the abbreviation of each Brazilian state or oceanic island where the species has been found (Fig. 1, page: xvii). The comments provide appropriate additional information such as the habitat, or, in the case of parasitic species, the host. Complete references are given at the end of each chapter.

I wish to acknowledge Jan Reid for tireless assistance in the revision of manuscripts, especially her detailed revision of the English versions. It would have been impossible to complete this catalogue without her help. My gratitude is also extended to Carlos Eduardo F. Rocha for his assistance with the chapters on copepods; and to the several persons who aided me in the production of this book: Alicelena de Oliveira Bustamante, Clovis Barreira e Castro, Georgia Maria de Oliveira Franco, Edinaide Menezes de Freitas, Rodrigo Johnsson, Alexandre Leta, and Cristiana Silveira Serejo; to Eduardo Borges da Silva for the layout of the cover; to Luis Antonio A. Costa for drawing the Spelaeogriphacea; to Adriano Brilhante Kury for drawing the map, and for useful comments; to Celia Neli Ricci and Vera de Figueiredo Barbosa for editorial assistance; to Otávio Velho for steady encouragement during the development of this project; to the Museu Nacional / Universidade Federal do Rio de Janeiro for publishing this volume; and to Fundação Universitária José Bonifácio (FUJB) for financial support. Individual authors express their gratitude to the following colleagues and organizations: Elaine F. Albuquerque to Dr. Jeanete Maron

Ramos (Universidade Santa Úrsula); Geoffrey Boxshall to the Darwin Initiative; Tereza Calado to the Conselho Nacional de Pesquisa (CNPq); Rodrigo Johnsson to the CNPq and the FUJB; Janet Reid to Dr. Carlos Eduardo F. Rocha, Dr. Tagea Björnberg, and the C. B. Wilson Copepod Library (Smithsonian Institution); Cristiana Serejo to the FUJB; Leila Aparecida Souza-Kury to the Fundação de Amparo à Pesquisa do Estado de São Paulo (FAPESP) and Adriano Brilhante Kury; Paulo S. Young to the CNPq and the FUJB.

### References

- BOWMAN, T.E. & ABELE, L.G., 1982 - Classification of Recent Crustacea: 1-27. In: BLISS, D.E. (ed.). **The Biology of Crustacea 1. Systematics, the Fossil Record, and Biogeography**. New York, Academic Press. 319p.
- HURLBERT, S.H. (ed.), 1977 - **Aquatic Biota of Southern South America**. San Diego, San Diego State University. 342p.
- HURLBERT, S.H.; RODRÍGUEZ, G. & SANTOS, N.D. (eds.), 1981 - **Aquatic Biota of Tropical South America**. San Diego, San Diego State University. 323p.
- VANZOLINI, P.E. (ed.), 1964 - **História Natural de Organismos Aquáticos do Brasil. Resultado de um Seminário sobre História Natural de Organismos Aquáticos do Brasil, São Paulo, dezembro 1963**. São Paulo, Fundação de Amparo à Pesquisa do Estado de São Paulo. 452p.



- Holthuis, L.B. 1963. Preliminary descriptions of some new species of Palinuridea (Crustacea Decapoda, Macrura Reptantia). *Proceedings of the Koninklijke Nederlandse Akademie van Wetenschappen, Series C, Biological and Medical Sciences* 66(1): 54-60.
- Holthuis, L.B. 1966. On spiny lobsters of the genera *Palinurellus*, *Linuparus* and *Puerulus* (Crustacea Decapoda, Palinuridae). *Proceedings of the Symposium on Crustacea held at Ernakulam from January 12 to 15, 1965. Symposium Series, Marine Biological Association of India*, 2(1): 260-278.
- Holthuis, L.B. 1985. A review of the family Scyllaridae (Crustacea: Decapoda: Macrura). I. Subfamily Ibacinae. *Zoologische Verhandelingen* (218): 1-130.
- Holthuis, L.B. 1991. Marcgrafs (1648) Brazilian Crustacea. *Zoologische Verhandelingen* 268: 1-123.
- Holthuis, L.B., Edwards, A.J. & Lubbock, H.R. 1980. The decapod and stomatopod Crustacea of St. Paul's Rocks. *Zoologische Mededeelingen* 56(6): 27-51.
- Lemos de Castro, A. 1962. Sobre os crustáceos referidos por Marcgrave em sua "História Naturalis Brasiliae" (1648). *Arquivos do Museu Nacional* 52: 37-52.
- Luederwaldt, H. 1919. Lista dos crustáceos superiores (Thoracostraca) do Museu Paulista que foram encontrados no Estado de São Paulo. *Revista do Museu Paulista* 11: 427-435.
- Lyons, W.G. 1970. Scyllarid lobsters (Crustacea, Decapoda). *Memoirs of the Hourglass Cruises* 1(4): 1-74.
- Moreira, C. 1901. Contribuições para o conhecimento da fauna brasileira. Crustaceos do Brazil. *Archivos do Museu Nacional* 11: 1-51.
- Moreira, C. 1906. Campanhas de pesca do "Annie". Crustaceos. *Archivos do Museu Nacional* 13: 123-145.
- Nomura, H. & Fausto Filho, J. 1966. Alguns dados biométricos sobre dois crustáceos marinhos do Nordeste brasileiro. *Arquivos da Estação de Biologia Marinha da Universidade Federal do Ceará* 6(2): 119-121.
- Oliveira, L.P.H. 1951. Nota prévia sobre a fauna e flora marinha bentônica da ilha de Trindade. *Memórias do Instituto Oswaldo Cruz* 49: 442-456.
- Pocock, R.I. 1890. Crustacea. In: Ridley, H.N. (ed.). *Notes on the zoology of Fernando de Noronha. Journal of the Linnean Society* 20: 473-592.
- Ramos, F.P. 1951. Nota sobre *Scyllarides brasiliensis* Rathbun e sua ocorrência no litoral do estado de São Paulo. *Boletim do Instituto Paulista de Oceanografia* 2(2): 125-134.
- Ramos-Porto, M., Ferreira-Correia, M.M. & Sousa, N.R. 1978. Levantamento da fauna aquática da ilha de São Luís (estado do Maranhão, Brasil). II. Crustacea. *Boletim do Laboratório de Hidrobiologia* 2(1): 27-89.
- Rathbun, M.J. 1900. Results of the Branner-Agassiz Expedition to Brazil. I. The decapod and stomatopod Crustacea. *Proceedings of the Washington Academy of Sciences* 2: 133-136.
- Rathbun, M.J. 1906. A new *Scyllarides* from Brazil. *Proceedings of the Biological Society of Washington* 19: 113-114.
- Robertson, P.B. 1971. The larvae and postlarvae of the scyllarid lobster *Scyllarus depressus* (Smith). *Bulletin of Marine Science* 21(4): 841-865.
- Smith, S.L. 1869. Notice on the Crustacea collected by Prof. C. F. Hartt on the coast of Brazil in 1867. *Transactions of the Connecticut Academy of Arts and Sciences* 2: 1-41.
- Vianna, M.L. 1986. On the ecology and intraspecific variation in the spiny lobster *Panulirus echinatus* Smith, 1869, (Decapoda, Palinuridae) from Brazil. *Crustaceana* 51(1): 25-37.
- White, A. 1847. *List of the specimens of Crustacea in the collection of the British Museum*. i-viii, 1-143, London.
- Williams, A.B. 1984. *Shrimps, Lobsters and Crabs of the Atlantic Coast of the Eastern United States, Maine to Florida*. Smithsonian Institution Press, Washington, 568pp.

MALACOSTRACA - EUCARIDA

CHIROSTYLIDAE AND GALATHEIDAE\*

GUSTAVO A. S. DE MELO-FILHO

Museu de Zoologia

Universidade de São Paulo

Family Chirostylidae Ortmann, 1892

Genus *Uroptychus* Henderson, 1888

*Uroptychus minutus* Benedict, 1902

**Synonymy:** Coelho & Ramos, 1972: 170.

**Description and diagnosis:** Benedict, 1902: 296.

**References:** Coelho & Ramos, 1972: 170.

**Geographic distribution:** Western Atlantic. Brazil (AP, PA).

*Uroptychus nitidus* (A. Milne-Edwards, 1880)

**Synonymy:** Chace, 1942: 11.

**Description and diagnosis:** Henderson, 1888: 174; Chace, 1942: 11.

**References:** Melo-Filho, 1992a: 28.

**Geographic distribution:** Western Atlantic. Brazil (RJ, SP, RS).

**Comments:** Associated with gorgoneans. *Uroptychus nitidus* is a variety complex, which includes three varieties, besides the typical form.

*Uroptychus uncifer* (A. Milne-Edwards, 1880)

**Synonymy:** Coelho & Ramos, 1972: 171.

**Description and diagnosis:** A. Milne-Edwards, 1880: 63; Chace, 1942: 18.

**References:** Coelho & Ramos, 1972: 171.

**Geographic distribution:** Western Atlantic. Brazil (PA).

Family Galatheidae Samouelle, 1819

Genus *Munida* Leach, 1820

*Munida angulata* Benedict, 1902

**Synonymy:** Haig, 1956: 4.

**Description and diagnosis:** Benedict, 1902: 252.

**References:** Coelho, 1973: 344 (as *M. brasiliae*); Melo-Filho, 1990a: 19; 1994a: 27.

**Geographic distribution:** Western Atlantic. Brazil (MA, CE, RN).

**Comments:** *M. brasiliae* Coelho, 1973 is a junior synonym of *M. angulata*.

---

\* MELO-FILHO, G.A.S., 1998. Malacostraca - Eucarida. Chirostylidae and Galatheidae. In: YOUNG, P.S. (ed.). *Catalogue of Crustacea of Brazil*. Rio de Janeiro: Museu Nacional. p. 393-397. (Série Livros n. 6).

*Munida atlantica* Melo-Filho & Melo, 1994

**Synonymy:** Melo-Filho & Melo, 1994: 50.

**Description and diagnosis:** Melo-Filho & Melo, 1994: 50.

**References:** Melo-Filho & Melo, 1994: 50.

**Geographic distribution:** Western Atlantic. Brazil (CE).

*Munida constricta* A. Milne-Edwards, 1880

**Synonymy:** Melo-Filho & Melo, 1992b: 766.

**Description and diagnosis:** A. Milne-Edwards & Bouvier, 1897: 40; Melo-Filho & Melo, 1992a: 516.

**References:** Melo-Filho, 1991a: 273; 1992a: 28; 1992b: 34; Melo-Filho & Melo, 1992b: 766, fig. 17; Melo-Filho, 1994a: 27.

**Geographic distribution:** Western Atlantic. Brazil (AL, ES, SP, SC, RS).

*Munida flinti* Benedict, 1902

**Synonymy:** Melo-Filho & Melo, 1992b: 765.

**Description and diagnosis:** Benedict, 1902: 258; Melo-Filho & Melo, 1992b: 765.

**References:** Henderson, 1888: 126 (as *M. stimpsoni*); Coelho & Ramos, 1972: 172 (as *M. stimpsoni*); Coelho, Ramos-Porto & Melo, 1990 (as *M. stimpsoni*); Melo-Filho, 1990a: 19; D'Incao & Rufino, 1991: 96; Melo-Filho, 1991b: 130; 1991a: 273; 1992a: 28; 1992b: 34; Melo-Filho & Melo, 1992b: 765; Melo-Filho, 1994b: 27; 1994a: 27.

**Geographic distribution:** Western Atlantic. Brazil (AL, ES, RJ, SP, PR, SC, RS).

**Comments:** All previous records of *M. stimpsoni* from Brazil refer to *M. flinti*.

*Munida forceps* A. Milne-Edwards, 1880

**Synonymy:** Melo-Filho & Melo, 1992b: 768.

**Description and diagnosis:** A. Milne-Edwards & Bouvier, 1897: 28.

**References:** Melo-Filho, 1991b: 130; 1991a: 273; 1992a: 28; 1992b: 34; Melo-Filho & Melo, 1992b: 768, figs. 18-24; Melo-Filho, 1994b: 27; 1994a: 27.

**Geographic distribution:** Western Atlantic. Brazil (AL, ES, RJ, SP, SC, RS).

*Munida heblingi* Melo-Filho & Melo, 1994

**Synonymy:** Melo-Filho & Melo, 1994: 53.

**Description and diagnosis:** Melo-Filho & Melo, 1994: 53.

**References:** Melo-Filho & Melo, 1994: 53, figs. 8-14.

**Geographic distribution:** Western Atlantic. Brazil (ES).

*Munida iris* A. Milne-Edwards, 1880

**Synonymy:** Chace, 1942: 33.

**Description and diagnosis:** A. Milne-Edwards & Bouvier, 1897: 21; Williams, 1984: 233.

**References:** Melo-Filho, 1990b: 17; 1991b: 130; 1991a: 273; 1992a: 28; 1992b: 34; 1994a: 27.

**Geographic distribution:** Western Atlantic. Brazil (PA, AL, RS).

*Munida irrasa* A. Milne-Edwards, 1880

**Synonymy:** Chace, 1942: 46.

**Description and diagnosis:** Williams, 1984: 234; Melo-Filho & Melo, 1992a: 513.

**References:** Melo-Filho, 1990b: 17; 1991b: 130; 1992a: 28; 1992b: 34; 1994b: 27; 1994a: 27.

**Geographic distribution:** Western Atlantic. Brazil (AP, PA, MA, ES, RJ, SP, RS).

*Munida longipes* A. Milne-Edwards, 1880

**Synonymy:** Melo-Filho & Melo, 1992a: 514.

**Description and diagnosis:** A. Milne-Edwards & Bouvier, 1897: 44; Williams, 1984: 235.

**References:** Melo-Filho, 1991b: 130; 1991a: 273; 1992b: 34; 1994a: 27.

**Geographic distribution:** Western Atlantic. Brazil (SP, SC, RS).

*Munida microphthalmia* A. Milne-Edwards, 1880

**Synonymy:** Melo-Filho & Melo, 1992a: 515.

**Description and diagnosis:** A. Milne-Edwards & Bouvier, 1897: 32.

**References:** Melo-Filho, 1990a: 19; 1994a: 27.

**Geographic distribution:** Atlantic. Brazil (ES, SP).

*Munida petronioi* Melo-Filho & Melo, 1994

**Synonymy:** Melo-Filho & Melo, 1994: 55.

**Description and diagnosis:** Melo-Filho & Melo, 1994: 55.

**References:** Melo-Filho & Melo, 1994: 55, figs. 15-21.

**Geographic distribution:** Western Atlantic. Brazil (RN).

*Munida pusila* Benedict, 1902

**Synonymy:** Williams, 1984: 236.

**Description and diagnosis:** Benedict, 1902: 268; Haig, 1956: 2.

**References:** Melo-Filho, 1994a: 27.

**Geographic distribution:** Western Atlantic. Brazil (AP).

*Munida sanctipauli* Henderson, 1885

**Synonymy:** Melo-Filho & Melo, 1992b: 761.

**Description and diagnosis:** Henderson, 1888: 142.

**References:** Melo-Filho & Melo, 1992b: 761, figs. 1-7.

**Geographic distribution:** Atlantic. Brazil (PP).

*Munida spinifrons* Henderson, 1885

**Synonymy:** Baba & Camp, 1988: 414.

**Description and diagnosis:** Henderson, 1888: 144.

**References:** Melo-Filho, 1990b: 17; 1992a: 28; 1992b: 34; 1994a: 27.

**Geographic distribution:** Western Atlantic. Brazil (AP, CE, RN, PE, ES, RJ, SP, RA, FN).

*Munida valida* Smith, 1883

**Synonymy:** Williams, 1984: 237.

**Description and diagnosis:** Smith, 1883: 42.

**References:** Melo-Filho, 1990a: 19; 1991a: 273; 1992a: 28; 1994a: 27.

**Geographic distribution:** Western Atlantic. Brazil (AL, ES, RS).

Genus *Munidopsis* Whiteaves, 1874

*Munidopsis erinacea* (A. Milne-Edwards, 1880)

**Synonymy:** Chace, 1942: 90.

**Description and diagnosis:** Henderson, 1888: 149.

**References:** Coelho & Ramos, 1972: 172; Melo-Filho, 1992a: 28.

**Geographic distribution:** Western Atlantic. Brazil (AL, ES).

*Munidopsis polita* (Smith, 1883)

**Synonymy:** Benedict, 1902: 324.

**Description and diagnosis:** Smith, 1883: 50.

**References:** Melo-Filho, 1992b: 34.

**Geographic distribution:** Northeastern and western Atlantic. Brazil (SP).

## References

- Baba, K. & Camp, D.K. 1988. Two species of galatheid crustaceans (Decapoda: Anomura) new to Florida, *Munida spinifrons* Henderson, and *Munidopsis kucki*, new species. *Proceedings of the Biological Society of Washington* 10(2): 414-422.
- Benedict, J.E. 1902. Description of a new genus and forty-six new species of crustaceans of the Family Galatheidae with a list of the known marine species. *Proceedings of the United States National Museum* 26(1311): 243-334.
- Chace, F.A., Jr. 1942. Reports on the scientific results of the "Atlantis" expedition to the West Indies, under the joint auspices of the University of Havana and Harvard University. The anomuran Crustacea. I. Galatheidea. *Torreia* 11: 1-106.
- Coelho, P.A. 1973. Descrição preliminar de *Munida brasiliæ* n. sp., do Norte e Nordeste do Brasil (Crustacea: Decapoda: Galatheidae). *Ciência e Cultura* 25(6): 344.
- Coelho, P.A. & Ramos, M.A. 1972. A constituição e a distribuição da fauna de decápodos do litoral leste da América do Sul entre as latitudes de 5°N e 39°S. *Trabalhos Oceanográficos da Universidade Federal de Pernambuco* 13: 133-236.
- Coelho, P.A., Ramos-Porto, M.A. & Melo, G.A.S. 1990. Crustáceos decápodos do estado de Alagoas. *Anais da Sociedade Nordestina de Zoologia* 3(3): 21-34.
- D'Incao, F. & Ruffino, M.L. 1991. Distribuição dos crustáceos (Decapoda e Stomatopoda) na plataforma continental e talude do Rio Grande do Sul. 1. Profundidade. In: *Abstracts, XVIII Congresso Brasileiro de Zoologia*, Salvador: 96.
- Haig, J. 1956. The Galatheidae (Crustacea: Anomura) of the Allan Hancock Expedition with a review of the Porcellanidae of the Western Atlantic. *Allan Hancock Atlantic Expedition Report* 8: 1-44.
- Henderson, J.R. 1888. Report on the Anomura collected by H.M.S. "Challenger" during the years 1873-76. *Report on the scientific results of the Voyage of H.M.S. "Challenger" during the years 1873-76, Zoology*, 27: 1-221.
- Melo-Filho, G.A.S. 1990a. Novas ocorrências de espécies do gênero *Munida* (Crustacea: Anomura: Galatheidae) na costa brasileira. *Abstracts, VIII Encontro de Zoologia do Nordeste*, Aracaju: 19.
- Melo-Filho, G.A.S. 1990b. Aumento da área de distribuição de espécies brasileiras do gênero *Munida* (Crustacea: Anomura: Galatheidae). *Abstracts, VIII Encontro de Zoologia do Nordeste*, Aracaju: 17.

- Melo-Filho, G.A.S. 1991a. Exame do material de *Munida* (Crustacea: Decapoda: Galatheidae) coletado entre o Cabo de Santa Marta, SC e o Arroio Chuí, RS, pelo projeto Talude. *Abstracts, II Simpósio sobre Oceanografia*, São Paulo: 273.
- Melo-Filho, G.A.S. 1991b. Espécies do gênero *Munida* (Crustacea: Anomura: Galatheidae) coletadas pelo Programa Rio Grande do Sul I e II (GEDIP), entre Torres e Maldonado (29°S; 35°S). *Abstracts, XVIII Congresso Brasileiro de Zoologia*, Salvador: 130.
- Melo-Filho, G.A.S. 1992a. Chirostylidae e Galatheidae (Crustacea: Decapoda) coletados na costa do Espírito Santo. *Abstracts, XII Congresso Latino-Americano and XIX Congresso Brasileiro de Zoologia*, Belém: 28.
- Melo-Filho, G.A.S. 1992b. Galateídeos (Crustacea: Decapoda) coletados ao largo da costa do estado de São Paulo. *Abstracts, XII Congresso Latino-Americano and XIX Congresso Brasileiro de Zoologia*, Belém: 34.
- Melo-Filho, G.A.S. 1994a. O gênero *Munida* (Crustacea: Decapoda: Galatheidae) na costa brasileira. *Abstracts, XX Congresso Brasileiro de Zoologia*, Rio de Janeiro: 27.
- Melo-Filho, G.A.S. 1994b. Lista das espécies do gênero *Munida* (Crustacea: Decapoda: Galatheidae) coletadas pelo projeto "SOL" (1969-71) entre os estados do Rio de Janeiro e São Paulo. *Abstracts, XX Congresso Brasileiro de Zoologia*, Rio de Janeiro: 27.
- Melo-Filho, G.A.S. & Melo, G.A.S. 1992a. Designation of lectotypes for the species of *Munida* (Crustacea: Anomura: Galatheidae) collected by the U.S. Coast Survey Steamer "Blake" (1877-1879) and the description of a new species. *Proceedings of the Biological Society of Washington* 105(3): 512-520.
- Melo-Filho, G.A.S. & Melo, G.A.S. 1992b. Reexamination of the material of *Munida* Leach (Crustacea: Anomura: Galatheidae) collected by the H.M.S. "Challenger" along the Brazilian coast. *Proceedings of the Biological Society of Washington* 105(4): 760-774.
- Melo-Filho, G.A.S. & Melo, G.A.S. 1994. Three new species of *Munida* (Crustacea: Anomura: Galatheidae) from the Brazilian coast. *Papéis Avulsos de Zoologia* 39(5): 49-60.
- Milne-Edwards, A. 1880. Reports on the results of dredging, under the supervision of Alexander Agassiz, in the Gulf of Mexico and in the Caribbean Sea, 1877, 78, 79, by the United States Coast Survey Steamer "Blake", Lieut.-Commander C.D. Sigsbee, U.S.N., and Commander J.R. Bartlett, U.S.N., Commanding. VIII. Études préliminaires sur les Crustacés. *Bulletin of the Museum of Comparative Zoology at Harvard College* 8(1): 1-68.
- Milne-Edwards, A. & Bouvier, E.L. 1897. Reports on the results of dredging under the supervision of Alexander Agassiz in the Gulf of Mexico (1877-78), in the Caribbean Sea (1878-79), and along Atlantic Coast of the United States (1880) by the U.S. Coast Survey Steamer "Blake". Description des Crustacés de la famille des Galathéides recueillis pendant l'expédition. *Memoirs of the Museum of Comparative Zoology at Harvard College* 19(2): 1-141.
- Smith, S.I. 1883. Preliminary notice of the Crustacea dredged in 64 to 325 fathoms, off the south coast of New England, by the United States Fish Commission in 1880. *Proceedings of the United States National Museum* 3: 413-452.
- Williams, A.B. 1984. *Shrimps, Lobsters and Crabs of the Atlantic coast of the Eastern United States, Maine to Florida*. Smithsonian Institution Press, Washington, D.C., 550pp.