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**CATALOGUE OF THE MYSIDA TYPE COLLECTION  
(CRUSTACEA: PERACARIDA) FROM THE „GRIGORE ANTIPA”  
NATIONAL MUSEUM OF NATURAL HISTORY (BUCUREȘTI)**

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Abstract. The catalogue of Mysida type collection of the „Grigore Antipa” National Museum of Natural History contains 413 specimens belonging to two orders, three families, seven subfamilies, 38 genera and seven subgenera, 74 species and four subspecies.

Résumé. Le catalogue de la collection de types de Mysida du Muséum National d'Histoire Naturelle „Grigore Antipa” comprend 413 exemplaires appartenant à deux ordres, trois familles, sept sous-familles, 38 genres et sept sous-genres, 74 espèces et quatre sous-espèces.

Key words: Mysida, types, museum collection, species list, catalogue.

*INTRODUCTION*

The mysids are the most important part of Crustacea type collection of the „Grigore Antipa” National Museum of Natural History from București. It contains also the most ancient type specimens from Crustacea type collection, allotype and paratypes of *Paramysis pontica*, described by Mihai Băcescu in 1940 from Agigea, the Black Sea (Romania) and paratypes of *Heteromysis armoricana*, described by Henri Nouvel, in the same year.

The entire collection is due to 50 years of Mihai Băcescu's work, most important Romanian carcinologist, who started his career in carcinology at the Faculty of Jassy, preparing a Ph.D. thesis dedicated to mysids in 1938. The type collection contains also one species collected from Monaco by Mihai Băcescu during his visit to the main French research institutions from the Mediterranean, in 1939, with a scholarship.

Most of the taxa were described after 1964 when he became director of „Grigore Antipa” Museum of Natural History from București. He worked in this museum from 1940 till 1999.

This catalogue is intended as a small homage to his great work.

*MATERIAL AND METHODS*

The collection contains taxa from two orders, Stygiomysida and Mysida, from three families, Lepidomysidae, Petalophthalmidae and Mysidae. Seven subfamilies belong to Mysidae. The taxa belong to a total of 38 genera and seven subgenera, seven, respectively three of them described by Mihai Băcescu and 74 species and four subspecies, 62 species and respectively three subspecies described by Mihai Băcescu, 46 species single-authored and 16 with collaborators, as Alexander Bruce (Queensland Museum, Australia), Linda Gleye (Marine Ecological Consultants, U. S. A.), Thomas M. Iliffe (A & M Texas University, U. S. A.), Traian Orghidan (Institute of Speleology, Romania),

Manolo Ortiz (Center for Marine Research, Cuba), Ulrich Schiecke (Zoologisches Institut, Kiel, Germany), Aurel Udrescu („Grigore Antipa” National Museum of Natural History, Romania) and Elena Vasilescu (Romania), three subspecies alone and one with a collaborator, Elena Vasilescu and by Antonio Ariani (Universita degli Studi di Napoli „Federico II”, Italy), Elva Escobar Briones & Louis Soto (Instituto de Ciencias del Mar y Limnología, Mexico), Henri Nouvel (Université Paul Sabatier, France), Aurel Udrescu, Vasile Voicu (Romania) and Karl J. Wittmann (Medizinische Universität Wien, Austria) (12 species). A total of 413 type specimens are in this collection.

Material was collected personally by Mihai Băcescu to a large extent or in part sent by different foreign workers from different institutions and countries. The collection was mainly arranged by Zarui Muradian-Ciamician and Dr. Ileana Negoescu to whom we are more than grateful.

For each species the number of the publication is given, corresponding to the number in the reference list below. The classification of orders and subfamilies was adopted from Meland & Willassen’s genetic study (2007).

## RESULTS

Order Stygiomysida Tchindonova, 1981  
Family Lepidomysidae Clarke, 1961

Genus *Spelaeomysis* Caroli, 1924  
*Spelaeomysis nuniezi* Băcescu & Orghidan, 1971

*Type material: holotype*, ♀, no. 49071. Collected from Juanello Piedra cave, brackish lake, Caribbean Sea, Cuba, Great Antilles, by Romanian-Cuban Speleological expedition, 22.11.1970.

*Etymology*: species dedicated in the honour of Dr. A. Núñez-Jimenez, president of Cuban Academy of Sciences that time.

*Remarks*: material collected and donated by Traian Orghidan and Charles Juberthie, 32.

Order Mysida Boas, 1883  
Family Petalophthalmidae Willemoes-Suhm, 1875

Genus *Bacescomysis* Murano & Krygier, 1985  
*Bacescomysis birsteini* (Băcescu, 1970)  
syn. *Hansenomysis birsteini* Băcescu, 1970

*Type material: holotype* (deposited by Mihai Băcescu as *Hansenomysis birsteini*), ♀, no. 49186. Collected from Peru-Chile Trench by „Anton Bruun” cruise XI, 08°13’S, 81°09’W, 1927-1997 m, sta. 101, 16.10.1965.

*Etymology*: species dedicated in the honour of Professor Y. A. Birstein, carcinologist from the University of Moscow, Russia.

*Remarks*: material collected by Acad. Mihai Băcescu, 14. Generic assignment revised by Murano & Krygier (1985).

*Bacescomysis peruvianus* (Băcescu, 1970)syn. *Hansenomysis peruvianus* Băcescu, 1970

*Type material: holotype* (deposited by Mihai Băcescu as *Hansenomysis peruvianus*), ♀, no. 49184. Collected from Peru-Chili Trench by „Anton Bruun” cruise XI, 09°01’S, 80°40’W, 4516-4383 m, sta. 196, 7.11.1965.

*Etymology:* species bears the name of collecting place – Peru.

*Remarks:* material collected by Acad. Mihai Băcescu, 14. Generic assignment revised by Murano & Krygier (1985).

Genus *Hansenomysis* Stebbing, 1893*Hansenomysis menziesi* Băcescu, 1970

*Type material: holotype*, ♀, no. 49183. Collected from Peru-Chili Trench by „Anton Bruun” cruise XI, 08°13’S, 81°09’W, 1927-1997 m, sta. 101, 16.10.1965.

*Etymology:* species dedicated to Professor Robert Menzies, Oceanography Department, Florida State University, U. S. A., who led the scientific expedition of „Anton Bruun” cruise XI.

*Remarks:* material collected by Acad. Mihai Băcescu, 14.

*Hansenomysis spenceri* Băcescu, 1970

*Type material: holotype*, ♀, no. 49185. Collected from Peru-Chili Trench by „Anton Bruun” cruise XI, 08°13’S, 81°09’W, 1927-1997 m, sta. 101, 16.10.1965.

*Etymology:* species dedicated to Dr. Jack T. Spencer, National Science Foundation, Washington, D. C., U. S. A.

*Remarks:* material collected by Acad. Mihai Băcescu, 14.

## Family Mysidae Haworth, 1825

Subfamily Gastrosaccinae Norman, 1892

Genus *Gastrosaccus* Norman, 1868*Gastrosaccus mediterraneus* Băcescu, 1970

*Type material: holotype*, ♂, no. 49445. Collected from the Mediterranean, Tunisia, Gabes beach, 0.5 m, 11.06.1969.

*Etymology:* species bearing the name of collecting area – the Mediterranean Sea.

*Remarks:* material collected by Mihai Băcescu, 13.

Genus *Haplostylus* Kossmann, 1880*Haplostylus estafriana* Băcescu, 1973

*Type material: holotype*, ♂, no. 49173; *paratypes*, 10 specs, no. 49351. Collected from western Indian Ocean, near Mombasa, Kenya, 0.5-1 m, 07.1972.

*Etymology:* name of species referring to collecting place – East Africa.

*Remarks:* material collected and donated by Elena Vasilescu, 17.

*Haplostylus magnilobatus* (Băcescu & Schiecke, 1974)syn. *Gastrosaccus magnilobatus* Băcescu & Schiecke, 1974

*Type material: holotype* (deposited by Mihai Băcescu as *Gastrosaccus magnilobatus*), ♀, no. 49174. Collected from the Mediterranean, Gulf of Naples, Capri, 120-130 m, 16.12.1971.

*Etymology*: species name refers to the pair of huge submedian lobes on the terminal margin of the carapace.

*Remarks*: material collected and donated by Ulrich Schiecke, Zoologisches Institut, Kiel, Germany, 34. The generic assignment was revised by Hatzakis (1977).

Genus *Coifmanniella* Heard & Price, 2006

syn. Subgenus *Coifmanniella* Băcescu, 1968, *partim, nomen nudum*

*Remarks*: The taxon *Coifmanniella* was firstly installed by Băcescu (1968 b). It was declared as *nomen nudum* and then in part referred to a new genus using the same subgeneric name by Heard & Price (2006).

*Coifmanniella merjonesi* (Băcescu, 1968)

syn. *Bowmaniella merjonesi* Băcescu, 1968

*Type material*: *paratypes* (deposited by Mihai Băcescu as *Bowmaniella merjonesi*), 1 ♀, 2 ♂♂, no. 49471. Collected from Puerto Rico, Icosos Bay, Caribbean Sea, sta. 387 B, 24.02.1933.

*Etymology*: the generic name *Bowmaniella* was dedicated by Mihai Băcescu to Dr. Thomas Bowman, National Museum of Natural History, Smithsonian Institution, U. S. A., who collected the material; the species name was dedicated to Meredith Jones, from the same institution, who donated the material.

*Remarks*: material collected by the Johnson-Smithsonian Expedition, U. S. A., 8. The generic assignment was revised by Heard & Price (2006).

*Coifmanniella mexicana* (W. M. Tattersall, 1951)

syn. *Bowmaniella portoricensis* Băcescu, 1968

*Type material*: *holotype* of *Bowmaniella portoricensis* (deposited by M. Băcescu), ♂, no. 49401. Collected from Beaufort platform, off the coast of North Carolina (U.S.A.), northwestern Atlantic, 34°20'5''N, 75°57'5''W, 80 m depth, 6.04.1965.

*Etymology*: not stated (note that the type material is not from Puerto Rico).

*Remarks*: material collected by I. H. Day. The species *portoricensis* is a junior synonym of *C. mexicana* according to Heard & Price (2006), 8.

Subfamily Siriellinae Czerniavsky, 1882

Tribe Siriellini Czerniavsky, 1882

Genus *Siriella* Dana, 1850

*Siriella bacescui* Udrescu, 1981

*Type material*: *holotype*, ♂, no. 49403; *paratypes*, 4 ♀♀, no. 49402. Collected from Australia, Chesterfield Island, Australia Great Barrier Reef.

*Etymology*: species dedicated in honour of Acad. Mihai Băcescu.

*Remarks*: material collected and donated by Alexander J. Bruce, Queensland Museum, Australia, 49.

Subfamily Erythropinae Hansen, 1910

Genus *Amblyops* G. O. Sars, 1872

*Amblyops ewingi* Băcescu, 1967

*Type material*: *holotype*, ♀, no. 49189. Collected from Peru-Chili Trench by „Anton Bruun“ cruise XI, 17.10.1965.

*Etymology*: species dedicated in honour of Dr. Maurice W. Ewing, Lamont Geological Observatory, Columbia University, U. S. A.

*Remarks*: material collected by Acad. Mihai Băcescu, 6.

Genus *Erythropros* G. O. Sars, 1869  
*Erythropros alboranus* Băcescu, 1989  
syn. *Erythropros alborana* Băcescu, 1989

*Type material*: *allotype*, ♀, no. 49418. Collected from Alboran Sea by „R V Cryos”, sta. DR 144, 05.–06.1984.

*Etymology*: species bears the name of collecting place – Alboran Sea.

*Remarks*: material collected and donated by expedition „Balgim”, Centre National de Tri d’Oceanographie Biologique, Brest, France, 27.

*Erythropros peterdohrni* Băcescu & Schiecke, 1974

*Type material*: *holotype* ♀, no. 49175. Collected from the Mediterranean Sea, Gulf of Naples, Capri, Italy, 120-130 m, 16.12.1971.

*Etymology*: species dedicated in honour of Dr. Peter Dohrn, Zoological Station of Naples.

*Remarks*: material collected by Ulrich Schiecke, Zoologisches Institut, Kiel, Germany, 34.

Genus *Amathimysis* Brattegard, 1969  
*Amathimysis brasiliانا* (Băcescu, 1984)  
syn. *Katerythropros (Amathimysis) brasiliانا* Băcescu, 1984

*Type material*: *holotype* (deposited by Mihai Băcescu as *Katerythropros (Amathimysis) brasiliانا*, ♀, no. 49343; *allotype*, ♂, no. 49344; *paratypes*, 2 ♀♀, no. 49345. Collected from Natal, mouth of Potengy River, Brazil, 5°46’S, 35°12’6’’W, 3 m, night plankton, 2.02.1980.

*Etymology*: species bears the name of collecting place – Brazil.

*Remarks*: material collected and donated by Prof. Dr. Sankarankutty, 25. Generic assignment revised by Murano & Chess (1987).

Genus *Mysimenzies* Băcescu, 1971  
*Mysimenzies hadalis* Băcescu, 1971

*Type material*: *holotype*, ♀, no. 49355. Collected from Peru-Chili Trench, by „Anton Bruun“ cruise XI, sta. 197, 11°29’5’’S, 79°24’5’’W, 6146-6354 m, 17.10.1965.

*Etymology*: species bears the name of collection place – hadal level of Pacific.

*Remarks*: material collected by Acad. Mihai Băcescu, „Anton Bruun“ cruise XI, expedition, 15.

Genus *Pseudomma* G. O. Sars, 1870  
*Pseudomma californica* Băcescu & Gleye, 1979

*Type material*: *holotype*, ♂, *allotype*, ♀; *paratypes*, 6 specs, no. 49396. Collected from San Onofre, California, Pacific Ocean, U. S. A., 24.01.1970.

*Etymology*: species bears the name of collecting area – California, U. S. A.

*Remarks*: material collected and donated by Linda G. Gleye, U. S. A., 29.

## Subfamily Mancomysinae Băcescu &amp; Iliffe, 1986

Genus *Palaumysis* Băcescu & Iliffe, 1986*Palaumysis simonae* Băcescu & Iliffe, 1986

*Type material: holotype*, ♀, no. 49449; *paratypes*, 3 ♀♀, no. 49448. Collected from Palau Archipelago, Koror Island, Chandelier Cave (submarine cave), Philippines, 10 m depth, 8.02.1985.

*Etymology*: genus bears the name of collecting place – Palau; species dedicated in honour of Simone Cousteau, Jacques Yves Cousteau's wife.

*Remarks*: material collected by Dr. Thomas M. Iliffe and D. Williams, donated by Dr. Th. Iliffe, Bermuda Biological Station, type species of the genus *Palaumysis* Băcescu & Iliffe, 1986, 30.

## Subfamily Heteromysinae Norman, 1892

Genus *Heteromysoides* Băcescu, 1968*Heteromysoides longiseta* Băcescu, 1983

*Type material: paratype*, ♂, no. 49405. Collected from Heron Island, SE Queensland, Australia, sta. W 9400, 225 m, beach rock, nr. 593, 3.01.1979.

*Etymology*: species bears this name because of enormous apical setae of pleopods in both sexes.

*Remarks*: material collected and donated by Dr. Peter Davie, Queensland Museum, Australia, 24.

*Heteromysoides spongicola* Băcescu, 1968

*Type material: holotype*, ♀, no. 49009. Collected from Habana, La Playa, Cuba, Caribbean Sea.

*Etymology*: species bears the name of type habitat, sponges.

*Remarks*: material collected and donated by Mihai Băcescu, 10.

Genus *Heteromysis* S. I. Smith, 1873Subgenus *Gnathomysis* Bonnier & Pérez, 1902*Heteromysis harpaxoides* Băcescu & Bruce, 1980

*Type material: holotype*, ♂, no. 49322; *allotype*, ♀, no. 49375; *paratypes*, 1 ♂, 1 ♀, no. 49375. Collected from Wistari Reef, sta. 563, Australian Great Barrier Reef, 1.02.1979.

*Etymology*: species closely related to *Heteromysis harpax* Hilgendorf, 1878.

*Remarks*: material collected by A. J. Bruce and B. Coates, donated by Dr. A. J. Bruce, Lizard Island Research Station, Australia, 28.

*Heteromysis stellata* Băcescu & Bruce, 1980

*Type material: holotype*, ♀, no. 49306. Collected from Heron Island, Australian Great Barrier Reef, sta. 563, southern reef edge, algal crest, 28.01.1979.

*Etymology*: not mentioned.

*Remarks*: material collected by B. Coates and donated by Alexander J. Bruce, Queensland Museum, Australia, 28.

Subgenus *Heteromysis* S. I. Smith, 1873*Heteromysis abrucei* Băcescu, 1979

*Type material: holotype*, ♂, no. 49192. Collected from Heron Island, Australian Great Barrier Reef, sta. 563, 30.12.1976.

*Etymology*: species dedicated in honour of Dr. Alexander J. Bruce, Australia.

*Remarks*: material collected and donated by Dr. Alexander J. Bruce, Queensland Museum, Australia, 22.

*Heteromysis armoricana* Nouvel, 1940

*Type material: paratypes*, 1 ♂, 2 ♀♀, no. 49404. Collected from Roscoff, English Channel, 1939.

*Etymology*: species bears the name of collecting place, French province, Armorica.

*Remarks*: material collected and donated by Prof. Dr. Henri Nouvel, 46.

*Heteromysis australica* Băcescu & Bruce, 1980

*Type material: holotype*, ♂, no. 49392; *allotype*, ♀, no. 49352; *paratype*, 1 ♀, no. 49399. Collected from Australian Great Barrier Reef, Heron Island, sta. 575 B, from *Porites andrewsii* reef flat, 21.01.1979.

*Etymology*: species bears the name of collecting place – Australia.

*Remarks*: material collected by B. Coates, donated by Dr. A. J. Bruce, Australia, 28.

*Heteromysis eideri* Băcescu, 1941

*Type material: holotype*, ♀, no. 49179. Collected from the Mediterranean, Monaco, in front of Monte Carlo, Rocher de Monaco, 35-80 m, 15.05.-6.06.1939.

*Etymology*: species bears the name of boat of Oceanographical Museum from Monaco, „Eider” with which the material was collected.

*Remarks*: material collected by Mihai Băcescu, 3.

*Heteromysis guitarti* Băcescu, 1968

*Type material: holotype*, ♂, no. 49074. Collected from Habana, La Playa, Caribbean Sea, Cuba, 26 m, from sponge *Agelas* sp., 22.01.1968.

*Etymology*: species dedicated in honour of Prof. Dr. Dario Guitart Manday, Institute of Oceanography, Havana, Cuba.

*Remarks*: material collected by Mihai Băcescu, 10.

*Heteromysis heronensis* Băcescu, 1979

*Type material: holotype*, ♂, no. 49193. Collected from North Australia, Moore Reef, near Heron Island, in *Acropora*, 30.12.1976.

*Etymology*: species bears the name of collecting place – Heron Island.

*Remarks*: material collected and donated by Dr. Alexander J. Bruce, Queensland Museum, Australia, 22.

*Heteromysis lybiana* Băcescu, 1976

*Type material: paratypes*, 1 spec., no. 49418, 2 ♂♂, no. 49419. Collected from the Mediterranean Sea, Lybia, sta. 98, 32°07'N, 24°06'E, 70 m, 07.1975.

*Etymology*: species bears the name of collecting place – Lybia.

*Remarks*: material collected and donated by Prof. Geza Julius Müller, Romania, 22.

*Heteromysis mureseanui* Băcescu, 1986

*Type material*: holotype, ♂, no. 49490. Collected from Western Atlantic Ocean, coast of Brazil, Port Tubarao.

*Etymology*: species dedicated in honour of Commander Petre Mureșeanu.

*Remarks*: material collected and donated by Commander Petre Mureșeanu, 26.

*Heteromysis tethysiana* Băcescu, 1983

*Type material*: paratype, ♂, no. 49397. Collected from Western Pacific Ocean, Heron Island, Queensland, Australia, sta. W 9400.

*Etymology*: species bears the name of ancient Tethys Sea.

*Remarks*: material collected and donated by Dr. Peter Davie, Queensland Museum, 24.

Subgenus *Olivemysis* Băcescu, 1968

*Heteromysis gomezi* Băcescu, 1970

*Type material*: holotype, ♂, no. 49116. Collected from Caribbean Sea, Cuba, Batabano Gulf, 23.03.1969.

*Etymology*: species dedicated in honour of Dr. Osvaldo Gomez, chief of the Benthos Department of the Oceanology Institute, Havana, who granted precious aid during author's researches in Cuba.

*Remarks*: material collected and donated by Prof. Marian Traian Gomoiu, „Ovidius” University, Constanța, Romania, 12.

*Heteromysis mariani* Băcescu, 1970

*Type material*: holotype, ♂, no. 49115, allotype, ♀, no. 49394. Collected from the Gulf of Batabano, La Playa, Cuba, 23.03.1969.

*Etymology*: species dedicated in honour of Prof. Dr. Marian Traian Gomoiu, Constanța, Romania.

*Remarks*: material collected and donated by Prof. Dr. Marian Traian Gomoiu, 12.

*Heteromysis rubrocincta* Băcescu, 1968

*Type material*: holotype, ♂, no. 49073. Collected from Caribbean Sea, Cuba, Habana, La Playa, 26 m, in *Agelas* sponge, 22.01.1968.

*Etymology*: species name is due to red strips from the segments of pleon.

*Remarks*: material collected and donated by Mrs. Mar Juarez Fernandez, 11.

Subgenus *Neoheteromysis* Băcescu, 1976

*Heteromysis muelleri* Băcescu, 1976

syn. *Heteromysis mülleri* Băcescu, 1976

*Type material*: holotype (deposited by Mihai Băcescu as *Heteromysis* (*Neoheteromysis*) *mülleri*), ♀, no. 49180. Collected from the Mediterranean Sea, Lybia, 4.05.1975.

*Etymology*: species dedicated in honour of Prof. Geza Julius Müller, „Ovidius” University, Constanța, Romania, scientific leader of the expedition, who collected and donated the material.

*Remarks*: species named after the collector of the material. Type species of the subgenus *Neoheteromysis* Băcescu, 1976, 21.

Genus *Mysidetes* Holt & Tattersall, 1906

*Mysidetes peruana* Băcescu, 1967

*Type material*: holotype, ♀, no. 49027. Collected from Peru-Chili Trench, by „Anton Bruun” cruise XI, 7°52'5”S, 80°20'5”W, 6146-6354 m, sta. 85, 14.10.1965.

*Etymology*: species name refers to the sampling location in Peru.

*Remarks*: material collected by Acad. Mihai Băcescu, „Anton Bruun” cruise XI, 6.

Subfamily Mysinae Haworth, 1825

Genus *Acanthomysis* Czerniavsky, 1882

*Acanthomysis bispinosa* Băcescu, 1979

*Type material*: holotype, ♀, no. 49390; paratypes, 2 ♂♂, no. 49390. Collected from Gulf of Oman, Pakistan, sta. 070, 2.02.1977.

*Etymology*: species name refers to the two large spines on the endopod of uropods near statocyst.

*Remarks*: material collected by Acad. Mihai Băcescu with French RV „Thalassa”, 23.

Genus *Anisomysis* Hansen, 1910

Subgenus *Anisomysis* Hansen, 1910

*Anisomysis levi* Băcescu, 1973

*Type material*: holotype, ♂, no. 49053. Collected from the Red Sea, Gulf of Aqaba, Israel.

*Etymology*: species dedicated in honour of Lev Fishelson who collected and donated the material.

*Remarks*: material collected and donated by Lev Fishelson, Israel, 16.

*Anisomysis hanseni* Nouvel, 1967

*Type material*: paratypes, 1 ♂, 15 ♀♀, no. 49473. Collected from the Indian Ocean, Madagascar.

*Etymology*: species dedicated in honour of B. Hansen, Danish great specialist in Crustacea.

*Remarks*: material collected and donated by Prof. Henri Nouvel, France, 47.

*Anisomysis sirielloides* Băcescu, 1975

*Type material*: holotype, ♀, no. 49194. Collected from eastern Indian Ocean, Tanzania, Mbudya Island, sand between coral reefs, 2-25 m, 1974.

*Etymology*: name of species is due to the resemblance to *Siriella paulsoni*.

*Remarks:* material collected by the expedition of „Grigore Antipa” Museum of Natural History from Tanzania, Dec. 1973 to Jan. 1974. *Allotype* and 10 *paratypes* in the Laboratory of the University of Dar-es-Salaam, 20.

Subgenus *Paranisomysis* Băcescu, 1973  
*Anisomysis ijimai estafricana* Băcescu, 1973

*Type material:* *holotype*, ♀; *allotype*, ♂, no. 49350. Collected from Eastern Indian Ocean, Kenya, Mombasa, in waters left on the beach upon high tide, 0.5 m, 07.1972.

*Etymology:* species bears the name of collecting place – East Africa.

*Remarks:* material collected and donated by Elena Vasilescu, 17.

*Anisomysis marisrubri* Băcescu, 1973

*Type material:* *holotype*, ♀, no. 49181. Collected from the Red Sea, Elat, Israel.

*Etymology:* species bears the name of collected place – Maris Rubri (Red Sea, in Latin).

*Remarks:* material collected and donated by Ulrich Schiecke, Germany, 18.

Genus *Antromysis* Creaser, 1936  
*Antromysis cubanica* Băcescu & Orghidan, 1971

*Type material:* *holotype*, ♂, no. 49070. Collected from Cuba, Havana, Juanello Piedra Cave, 2 km N of Caribbean coast, brackish water lake, 22.11.1970.

*Etymology:* species bears the name of collecting place – Cuba.

*Remarks:* material collected and donated by Dr. Traian Orghidan and Dr. Charles Juberthie, Nicasio Viña and Carlos Fundora (Cubano-Romanian Speleological expedition), 31.

*Antromysis juberthiei* Băcescu & Orghidan, 1977

*Type material:* *holotype*, ♀, no. 49161. Collected from Cuba, Isola de Pinos, Cueva de los Murciellagos, 03.1973.

*Etymology:* species dedicated in honour of Prof. Dr. Charles Juberthie, France.

*Remarks:* material collected by the Cubano-Romanian Speleological expedition, 32.

Genus *Diamysis* Cerniavsky, 1882  
*Diamysis bacescui* Wittmann & Ariani, 1998

*Type material:* *paratypes*, 3 ♂♂, 7 ♀♀, no. MYS 15. Collected from the Aegean Sea, Greece, Lesbos Island, 18.09.1990.

*Etymology:* species dedicated in honour of Prof. Dr. Mihai Băcescu, on the occasion of his 90th anniversary.

*Remarks:* material collected and donated by Prof. Dr. Antonio Ariani and Prof. Dr. Karl J. Wittmann, 57.

*Diamysis lagunaris* Ariani & Wittmann, 2000

*Type material:* *paratypes*, 6 ♂♂, no. MYS 8; 10 ♀♀, no. MYS 10; 10 ♂♂, 10 ♀♀, no. MYS 11. Collected from Corsica, Biguglia, France, the Mediterranean Sea,

1963 (MYS 8); Monaco, 1939 (MYS 10); Caprolace lagoon, Italy, the Mediterranean Sea, 12.07.1995 (MYS 11).

*Etymology*: most common species in coastal lagoons of the Western Mediterranean.

*Remarks*: material collected by Mihai Băcescu (1939, 1963) and by Prof. Dr. Antonio Ariani (Universita degli studi di Napoli „Federico II”, Italy) and Prof. Dr. Karl J. Wittmann (Faculty of Medicine, University of Vienna, Austria), 1.

*Diamysis mesohalobia* Ariani & Wittmann, 2000

*Type material*: paratypes, 10 ♂♂, 10 ♀♀, no. MYS 12. Collected from Fiume Morello, the Mediterranean Sea, Puglia, Italy, 7.01.1995.

*Etymology*: most frequent *Diamysis* species in eastern Mediterranean waters with intermediate salinity; laboratory breeding was more successful under mesohaline versus euhaline conditions; from Greek terms „mesos” (intermediate) and „hals” (salt).

*Remarks*: material collected and donated by Prof. Dr. Antonio P. Ariani (Universita degli studi di Napoli „Federico II”, Italy) and Prof. Dr. Karl J. Wittmann (Faculty of Medicine, University of Vienna, Austria), 1.

Genus *Idiomysis* W. M. Tattersall, 1922

*Idiomysis tsumamali* Băcescu, 1973

*Type material*: paratypes, 1 ♀ (dissected pieces), no. 49417, 2 specs, no. 49360. Collected from the Red Sea, Gulf of Elat, over coelenterats *Cassiopea andromeda* and *Megalactis hemprichi*, 1-20 m, July and Aug., 1972.

*Etymology*: species dedicated in honour of Dr. M. Tsumamal, University of Jerusalem.

*Remarks*: material collected and donated by Dr. M. Tsumamal. Other 6 paratypes in University of Jerusalem, holotype and allotype, lost, 19.

Genus *Inusitatomysis* Ii, 1940

*Inusitatomysis insolita* Ii, 1940

syn. *Inusitatomysis californica* Băcescu & Gleye, 1979

*Type material*: holotype (deposited by Mihai Băcescu as *Inusitatomysis californica*), ♂, allotype, ♀, paratypes, 10 specs, no. 49391. Collected from Pacific Ocean, California, San Onofre, 33° 22'N, 117° 35'W, 24.01.1970.

*Etymology*: species bears the name of collecting place – California.

*Remarks*: material collected and donated by Linda Gleye, U.S.A., 30. Incorrect subsequent spelling of the generic name, with an additional „i”, by Băcescu & Gleye (1979). Holmquist (1982) suggested a possible synonymy with *I. insolita*. Following this, *I. californica* was finally listed as a synonym in Price (2004).

Genus *Kainommatomysis* Tattersall, 1927

*Kainommatomysis schiecke* Băcescu, 1973

syn. *Kainommatomysis schiecke* Băcescu, 1973

*Type material*: holotype (deposited by Mihai Băcescu as *Kainommatomysis schiecke*), ♂, no. 49182. Collected from the Red Sea, Elat, Israel.

*Etymology*: species dedicated in honour of Dr. Ulrich Schiecke, Germany.

*Remarks:* material collected and donated by Ulrich Schiecke, 18. Incorrect subsequent spelling of the generic name, with only one "m", by Băcescu (1973).

Genus *Mesopodopsis* Czerniavsky, 1882  
*Mesopodopsis aegyptia* Wittmann, 1992

*Type material:* paratypes, 20 specs, no. MYS 14. Collected from Lesbos Isl., Petra, Greece, Aegean Sea, 14.09.1990.

*Etymology:* the species bears the name of the type locality – Egypt, Manzala Lake, Nile Delta.

*Remarks:* material collected and donated by Prof. Dr. Antonio P. Ariani (Universita degli studi di Napoli „Federico II”, Italy) and Prof. Dr. Karl J. Wittmann (Faculty of Medicine, University of Vienna, Austria), 55.

*Mesopodopsis wooldridgei* Wittmann, 1992

*Type material:* paratypes, 20 specs, no. MYS 13. Collected from South Africa, Algoa Bay, Port Elisabeth, 7.06.1981.

*Etymology:* species dedicated to Prof. Tris Wooldridge for his contribution to the knowledge of mysids.

*Remarks:* material collected and donated by Prof. Dr. Karl J. Wittmann (Faculty of Medicine, University of Vienna, Austria), 56.

Genus *Mysidium* Dana, 1852  
*Mysidium cubanense* Băcescu & Ortiz, 1984

*Type material:* holotype, ♂, no. 49346; allotype, ♀, no. 49347. Collected from Havana, in front of Institute of Oceanography, Caribbean Sea, Cuba, 13.05.1982.

*Etymology:* species bears the name of type locality – Cuba.

*Remarks:* material collected and donated by Dr. Manolo Ortiz, Cuba, 33.

*Mysidium rubroculatum* Băcescu & Ortiz, 1984

*Type material:* holotype, ♂, no. 49340; allotype, ♀, no. 49341; paratypes, 5 ♂♂, 5 ♀♀, no. 49342. Collected from Havana, La Playa, Caribbean Sea, Cuba, 1982.

*Etymology:* name of the species is due to red cornea of eyes.

*Remarks:* material collected and donated by Dr. Manolo Ortiz, Cuba, 33.

Genus *Paramysis* Czerniavsky, 1882  
 Subgenus *Pseudoparamysis* Băcescu, 1940  
*Paramysis pontica* Băcescu, 1940

*Type material:* allotype, ♀, no. 49499; paratypes, 2 ♂♂, no. 49498, 2 ♀♀, no. 49504. Collected from the Black Sea, Agigea, 30 m, 21.07.1935.

*Etymology:* species bears the name of type locality – Black Sea (*Pontus Euxinus* in Latin).

*Remarks:* material collected and donated by Mihai Băcescu. Type species of the subgenus *Pseudoparamysis* Băcescu, 1940, 2.

Genus *Sarmysis* Maissuradze & Popescu, 1987  
*Sarmysis mihaii* (Voicu, 1974)  
 syn. *Paramysis mihaii* Voicu, 1974

*Type material:* paratypes (deposited by Gheorghe Voicu as *Paramysis mihaii*), 32 specs, no. 49424. Fossil statoliths collected from Berca (Buzău), Romania.

*Etymology*: species is dedicated in honor of Acad. Mihai Băcescu.

*Remarks*: age of material, lower Bassarabian, collected and donated by Gheorghe Voicu, 50. Pores and hilum of these fossil statoliths were mistaken as sensorial structures in the early descriptions (Voicu, 1981; Maissuradze & Popescu, 1987). The ambitus is more strongly and coarsely annulated, but otherwise these fossils are well within the variation range of statoliths in the extant genus *Paramysis* Czerniavsky, 1882. Opposite to conclusions of Voicu (1989), the strong annulations may suffice to acknowledge the generic name *Sarmysis* for these fossils, although this feature was not explicitly mentioned by Maissuradze & Popescu (1987) upon first description of this genus.

*Sarmysis vancouveringi* (Voicu, 1981)

syn. *Paramysis vancouveringi* Voicu, 1981

*Type material*: holotype (deposited by Gheorghe Voicu as *Paramysis vancouveringi*), no. 49425, paratypes, 11 specs, no. 49426. Fossil statoliths collected from Cărand, Valea Gropoiului (Arad), Romania, by P. Dumitrică.

*Etymology*: species dedicated in honor of John van Couvering, palaeontologist from American Museum of Natural History, U. S. A.

*Remarks*: age of material, Sarmatian sstr., collected and donated by Gheorghe Voicu, 51. Generic assignment revised by Maissuradze & Popescu (1987), and acknowledged here (see discussion).

Genus *Taphromysis* Banner, 1953

*Taphromysis bowmani* Băcescu, 1961

*Type material*: allotype, ♀, no. 49016. Collected from Miami, Florida, U. S. A., 22.05.1960.

*Etymology*: species dedicated in honor of Dr. Thomas Bowman, National Museum of Natural History, Smithsonian Institution, U. S. A.

*Remarks*: collected and donated by P. Lowell & Shirley Thomas, U. S. A., 4.

*Taphromysis villalobosi* Escobar-Briones & Soto, 1988

*Type material*: paratypes, 1 ♂, 1 ♀, no. 49444. Collected from El Cayo, Laguna de Terminos, Gulf of Mexico, Mexico, 19°00'N, 91°35'W, 1-2.5 m, 03.1984.

*Etymology*: species dedicated in honor of Alejandro Villalobos, outstanding Mexican carcinologist.

*Remarks*: collected and donated by Dr. Thomas Bowman, National Museum of Natural History, Smithsonian Institution, U. S. A., 37.

Subfamily Leptomysinae Czerniavsky, 1882

Genus *Afromysis* Zimmer, 1916

*Afromysis guinensis* Băcescu, 1968

*Type material*: holotype, ♀, no. 49191. Collected from Gulf of Guinea, E Atlantic Ocean, 15.07.1967.

*Etymology*: species bears the name of collecting area – Guinea, Africa.

*Remarks*: collected and donated by Ion Vasilescu, Romania, 7.

Genus *Brasilomysis* Băcescu, 1968*Brasilomysis castroi* Băcescu, 1968

*Type material: holotype*, ♀, no. 49190. Collected from Ubatuba, Sao Paulo, Brazil, 24.08.1967.

*Etymology*: species is dedicated in honor of Lemos de Castro, Brazil, donor of material.

*Remarks*: material collected and donated by Lemos de Castro & A. Cuelho, Brazil, 7.

Genus *Cubanomysis* Băcescu, 1968*Cubanomysis jimenesi* Băcescu, 1968

*Type material: holotype*, ♂, no. 49176. Collected from Marianao, Cuba, Caribbean Sea, 28.12.1967.

*Etymology*: species dedicated in honour of Dr. A. Núñez-Jimenez, president of Cuban Academy at that time.

*Remarks*: material collected and donated by Lemos de Castro & A. Cuelho, Brazil, 7.

Genus *Doxomysis* Hansen, 1912*Doxomysis proxima* Băcescu & Udrescu, 1982

*Type material: paratype*, ♂, no. 49415. Collected from Moreton Bay, Middle Banks, SE Queensland, Australia, 146 m, sta. W 8333, sandy mud, coenosis with *D. australiensis* (Tattersall, 1922), 2.11.1972.

*Etymology*: species name is due to close relation with *Doxomysis australiensis*.

*Remarks*: material collected and donated by P. J. F Davie (Queensland Museum, Australia), holotype and female paratype in this Australian institution, 35.

Genus *Leptomysis* G. O. Sars, 1869*Leptomysis buergii* Băcescu, 1966

syn. *Leptomysis bürgii* Băcescu, 1966

*Type material: holotype*, ♂ (deposited by Mihai Băcescu as *Leptomysis bürgii*), no. 49018. Collected from the Mediterranean Sea, Banyuls sur Mer, France, sta. 58.

*Etymology*: species dedicated in honor of Alfred Bürgi, Algeria.

*Remarks*: material collected and donated by Alfred Bürgi, 5.

*Leptomysis lingvura adriatica* Wittmann, 1986

*Type material: paratypes*, 15 ♂♂, 15 ♀♀, no. 49384. Collected from Adriatic Sea, Istria, Bay of Strunjan, 45°32'N, 13°36'E, 1 m, Croatia, 16.09.1974.

*Etymology*: subspecies bears the name of type locality – Adriatic Sea.

*Remarks*: material collected and donated by Prof. Dr. Karl J. Wittmann, University of Vienna, 54.

*Leptomysis heterophila* Wittmann, 1986

*Type material: paratypes*, 20 ♂♂, 20 ♀♀, no. 49385. Collected from Adriatic Sea, Istria, Banole Island, Croatia, 45°4'N, 13°35'E, 17 m, 7.08.1974.

*Etymology*: species was named „heterophila” due to its high tendency to be associated with other species.

*Remarks*: material collected and donated by Prof. Dr. Karl J. Wittmann, University of Vienna, 54.

*Leptomysis posidoniae* Wittmann, 1986

*Type material*: paratypes, 10 ♂♂, 10 ♀♀, no. 49386. Collected from Isola d'Ischia, Italy, the Mediterranean Sea.

*Etymology*: species bears the name of phanerogam genus *Posidonia* on which the material was collected.

*Remarks*: material collected and donated by Prof. Dr. Karl J. Wittmann, University of Vienna, 54.

Genus *Paraleptomysis* Liu & Wang, 1983

*Paraleptomysis banyulensis* (Băcescu, 1966)

syn. *Leptomysis apiops banyulensis* Băcescu, 1966

*Type material*: holotype, ♂ (deposited by Mihai Băcescu as *Leptomysis apiops banyulensis*), no. 49353; paratypes: 1 ♀, no. 49353, 4 ♀♀, no. 49489. Collected from the Mediterranean Sea, Banyuls sur Mer, France, 05.1939.

*Etymology*: subspecies bears the name of collecting place - Banyuls sur Mer.

*Remarks*: material collected by Mihai Băcescu, 5. Generic assignment revised by Liu & Wang (1983). Taxon raised to species level by Wittmann (1986 b).

Genus *Pyroleptomysis* Wittmann, 1985

*Pyroleptomysis peresi* (Băcescu, 1966)

syn. *Leptomysis peresi* Băcescu, 1966

*Type material*: holotype, ♀ (deposited by Mihai Băcescu as *Leptomysis peresi*), no. 49017. Collected from Banyuls sur Mer, France, the Mediterranean Sea, 05.1939.

*Etymology*: species dedicated in honor of Professor Charles Pérez, director of Marine Research Station of Roscoff (1921-1945).

*Remarks*: material collected by Mihai Băcescu during his research period in France in 1939, 5. Generic assignment revised by Wittmann (1985).

Genus *Metamysidopsis* W. M. Tattersall, 1951

*Metamysidopsis elongata atlantica* Băcescu, 1968

*Type material*: holotype, ♀, no. 49470. Collected from western Atlantic, Saco de Francisco, Niteroi, state of Rio de Janeiro, Brasil, 4.09.1963.

*Etymology*: subspecies bears the name of the type locality - Atlantic coast.

*Remarks*: collected and donated by A. Lemos de Castro & A. Coelho, 8.

*Metamysidopsis swifti* Băcescu, 1969

*Type material*: holotype, ♂, no. 49128. Collected from Florida Bay, U. S. A., 11.11. 1967.

*Etymology*: species dedicated in honor of C. Swift, U. S. A.

*Remarks*: material collected and donated by C. Swift, U. S. A., 18.

Genus *Mysidopsis* G. O. Sars, 1864*Mysidopsis brattegarti* Băcescu & Gleye, 1979

*Type material: paratypes*, 3 ♂♂, no. 49348. Collected from Eastern Pacific Ocean, E of San Onofre, California, 33°22'N, 117°35'W, 12 m, 24.01.1970.

*Etymology*: species dedicated in honour of Dr. Torleiv Brattegard, specialist in Mysidacea from Norway.

*Remarks*: material collected and donated by Linda Gleye, U.S.A., 29.

*Mysidopsis coelhoi* Băcescu, 1968

*Type material: holotype*, ♂, no. 49177. Collected from Rio de Janeiro, Brazil, 4.09.1963.

*Etymology*: species dedicated in honor of A. Coelho, Brazil.

*Remarks*: material collected and donated by Lemos de Castro & A. Coelho, Brazil, 9.

*Mysidopsis coralicola* Băcescu, 1975

*Type material: holotype*, male, no. 49195. Collected from Kunduchi, Tanzania, Indian Ocean, from *Syringodium*, Dec. 10, 1973.

*Etymology*: species bears the name of type habitat – corals.

*Remarks*: material collected by members of expedition of „Grigore Antipa” Museum of Natural History, 20.

*Mysidopsis onofrensis* Băcescu & Gleye, 1979

*Type material: paratypes*, 1 ♀, 5 specs (undefinite sex), no. 49398. Collected from Eastern California, San Onofre, U. S. A., 33°22'N, 117°35'W, 12 m, 19.11.1976.

*Etymology*: species bears the name of type locality – San Onofre, California.

*Remarks*: collected and donated by Linda Gleye, U. S. A., 29.

*Mysidopsis kenyana* Băcescu & Vasilescu, 1973

*Type material: holotype*, ♂, no. 49064. Collected from Kenyan coast of Indian Ocean, 07.1972.

*Etymology*: species bears the name of collecting place – coast of Kenya.

*Remarks*: material collected and donated by Elena Vasilescu, Romania, 36.

*Mysidopsis tortonesei* Băcescu, 1968

syn. *Mysidopsis californica*, Băcescu, 1968 a, nec. *M. californica* W. M. Tattersall, 1951.

*Type material: holotype*, ♂, no. 49178. Collected from Ubatuba, Sao Paulo coast, Brazil, Atlantic Ocean, 24.08.1967.

*Etymology*: species dedicated in honor of Italian Professor Enrico Tortonese (1911-1987), ichthyologist and marine biologist.

*Remarks*: material collected and donated by Lemos de Castro & A. Cuelho, Brazil, 9.

Genus *Nouvelia* Băcescu & Vasilescu, 1973*Nouvelia natalensis mombasae* Băcescu & Vasilescu, 1973

*Type material*: holotype, ♂; allotype, ♀; paratypes, 1 dissected ♂, 1 ♀, 1 juv., no. 49356. Collected from eastern Indian Ocean, Kenya, beach of Mombasa, 0.5 m, in puddles remained after high tide, 17.03.1972.

*Etymology*: subspecies bears the name of collecting place – Mombasa.

*Remarks*: material collected and donated by Elena Vasilescu, Romania, 36.

CATALOGUL COLECȚIEI DE MIZIDE TIPURI (CRUSTACEA: PERACARIDA)  
A MUZEULUI NAȚIONAL DE ISTORIE NATURALĂ „GRIGORE ANTIPA”  
(BUCUREȘTI)

## REZUMAT

Catalogul colecției de mizide tipuri a Muzeului Național de Istorie Naturală „Grigore Antipa” conține 413 exemplare aparținând la două ordine, Stygiomysida și Mysida, trei familii și șapte subfamilii, la 38 de genuri și șapte subgenuri și la 74 specii și patru subspecii.

Este grupul de crustacee tipuri cel mai numeros din această colecție.

Reprezintă în cea mai mare parte rezultatul activității de o viață a Academicianului Mihai Băcescu (1908-1999).

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