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Update of the parasitic crustacean holdings of the Museo de la Plata, Argentina

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Abstract: The Carcinological Collection of the División Zoología Invertebrados, Museo de La Plata (FCNyM UNLP) currently contains 2446 lots, of which 124 represent type material. There is a total of 162 batches corresponding to parasitic crustaceans. Six orders are represented in the collection and recorded here: Arguloidea, Cyclopoida, Siphonostomatoida, Harpacticoida, Isopoda, and the infraclass Rizocephala, belonging to four classes of the Suphylum Crustacea. The species names are listed in systematical order, and the type locality, collection number, current taxonomic status and original bibliographic reference are given. Host and site of infection are also provided.

Keywords: Type and non-type material, Carcinological Collection.

INTRODUCTION

The Invertebrate Collections of the Museo de La Plata (MLP) of the Facultad de Ciencias Naturales y Museo, Universidad Nacional de La Plata, Argentina, like many other natural history collections, constitute a significant source of information on the non-insect invertebrate biodiversity of Argentina. It was therefore found useful to provide an updated list of the species in this collection. The Carcinological Collection, with approximately 2500 lots, comprises both historical material dating back to the late nineteenth century, and recent material. The collection originated with the investigations of Drs Maximiliano Birabén and Raúl A. Ringuelet. The first lots are from 1896-1897. Since then, the collection has grown thanks to many researchers, students and community members (Díaz *et al.*, 2017). The collection has a total of 162 lots of parasitic crustaceans, 41 of which concern type specimens and 121 non-type material. The province of Buenos Aires is the region best represented, followed by Córdoba, with a large number of lots, and then by Patagonian coasts. Most of the parasites in the Carcinological Collection were collected on the body surface, in the gills, and in the nostrils of bony freshwater fish while a smaller number were found parasitizing invertebrates.

All collection records are digitalized in a flat database. Approximately half of the records are identified to genus or species level, and these are currently available in the Global Biodiversity Information Facility (GBIF) database (Damborenea, 2017).

Díaz *et al.* (2017) listed the type specimens housed in the Carcinological Collection of Museo de La Plata. Here, we present an update of the list of type specimens and a list of voucher parasite crustaceans housed in the same collection.

MATERIAL AND METHODS

The collection is organized in lots. Parasite specimens are stored in glass containers in 70% ethanol and as permanent and semi-permanent slide preparations. Wet lots are arranged in a special storage room shared with other Invertebrate Zoology collections. This storage room has a forced air system for ventilation, an electrical system protecting against vapors, and fire extinguishers. All the material is available for consultation. Unless otherwise stated, all the material is in good condition.

In case of type material each entry includes: the name of the taxon with its author(s) and year of publication, host for parasite species, indicating species, author(s), and

principal taxonomic group in brackets, locality including country, province or state, department, specific locality, coordinates, site of infestation in parasite species, type status (holotype/syntype/paratype), number and sex of the specimens, MLP-Cr catalog number, type categories following articles 73-75 of the ICZN (1999), current taxonomic status, remarks when necessary, reference(s) of the original descriptions and those that mention type specimens of the MLP Carcinological Collection. Notwithstanding our efforts, some type specimens that are cited in the literature as having been deposited in the MLP Carcinological Collection, have not yet been found. Classification and nomenclature follow the World Register of Marine Species (2022).

In case of non-type material, each entry includes: the name of the taxon with its author(s) and year of publication, host for parasite species, specimen number and sex, locality, date and collector name.

RESULTS

Superclass Oligostraca

Class Ichthyostraca

Subclass Branchiura

Order Arguloidea

Family Argulidae

Argulus salminei Krøyer, 1863

MLP-Cr 26050 [host: *Salminus brasiliensis* (Cuvier, 1816)]; 3 females; Argentina, Buenos Aires, Río de la Plata River; 06.1937; collector: Mc Donagh, E.

Argulus ventanensis Tanzola & Villegas, 2017

Type host: *Hypsiboas pulchellus* (Duméril & Bibron) (Anura; Hylidae)

Site of infection: Tadpoles; body surface.

Type locality: Argentina, Buenos Aires Province, Villa Ventana, Belisario stream; 38°4' S 61°55' W.

Holotype: MLP-Cr 27219; male; 12.04.2016; collector: Villegas.

Allotype: MLP-Cr 27220; female; same locality; host; date and collector as the holotype.

Paratype: MLP-Cr 27221; female; same locality; host; date and collector as the holotype.

Current status: Valid species.

Reference: Tanzola & Villegas, 2017.

Argulus violaceus Thomsen, 1925

MLP-Cr 135/2 (host: *Hoplias malabaricus* Bloch, 1794); 5 females, 2 males; Argentina, Entre Ríos, Gualaguaychú Isletas stream; 01.1945; collector: Haedo Rossi, J. A.

MLP-Cr 26051 [host: *Parapymelodus valenciensis* (Lütken, 1874)]; 1 female, 1 male; Argentina, Buenos Aires, Chascomús, Chascomús lagoon; 07.07.1937; collector: Ringuet, R.

MLP-Cr 26052 (host: *Hoplias malabaricus* Bloch, 1794); 3 females, 10 males; Argentina, Buenos Aires, Chascomús, Chascomús lagoon; 26.08.1937; collector: Ringuet, R.

MLP-Cr 26053 (host: *Rhamdia sapo* Valenciennes, 1836); 3 females, 2 males; Argentina, Buenos Aires, Chascomús, Chascomús lagoon; 23.08.1937; collector: Ringuet, R.

Dolops discoidalis Bouvier, 1899

MLP-Cr 29/5 [host: *Hoplias malabaricus* (Bloch, 1794)]; 1 female; Argentina, Santa Fe, Rosario, Paraná River; 12.1941; collector: Reyna, L.

Dolops geayi (Bouvier, 1897)

MLP-Cr 143/2 [host: *Hoplias malabaricus* (Bloch, 1794)]; 3 females, 1 male; Argentina, Santa Fe, Rosario, Paraná River; 10.1941; collector: Reyna, L.

MLP-Cr 144/2 [host: *Salminus brasiliensis* (Cuvier, 1816)]; 3 females; Argentina, Santa Fe, Rosario, Paraná River; 05.1940; collector: Ringuet, R.

Dipteropeltis hirundo Calman, 1912

MLP-Cr 26049 [host: *Salminus brasiliensis* (Cuvier, 1816)]; 1 female; Argentina, Entre Ríos, Las Conchas stream; collector: Allen, C.

MLP-Cr 43/3 [host: *Luciopimelodus pati* (Valenciennes, 1835)]; 1 female; Argentina, Santa Fe, Rosario, Paraná River; 10.1941; collector: Reyna, L.

MLP-Cr 130/3 (host: *Curimata* sp.); 3 females; Brasil, São Paulo, São Paulo; 04.05.1943; Pirassununga pond; collector: Schubart, O.

Dolops longicauda (Heller, 1857)

MLP-Cr 26035 (host: *Pygocentrus nattereri* Kner, 1858); 1 female, 1 male; Argentina, Santa Fe, Rosario, Paraná River; 21.05.1940; collector: Ringuet, R.

MLP-Cr 26036 [host: *Salminus brasiliensis* (Cuvier, 1816)]; 3 females, 2 males; Argentina, Santa Fe, Colastiné River; 30.04.1947; collector: Ringuet, R.

MLP-Cr 26037 [host: *Salminus brasiliensis* (Cuvier, 1816)]; 6 females, 7 males; Argentina, Santa Fe, Rosario, Paraná River; 30.12.1942; collector: Mastrarrigo, V.

MLP-Cr 26038 [host: *Salminus brasiliensis* (Cuvier, 1816)]; 2 females; Argentina, Buenos Aires, Río de la Plata, litoral zone; 07.1937; collector: Mc Donagh, E.

MLP-Cr 26039 [host: *Salminus brasiliensis* (Cuvier, 1816)]; 2 females; Argentina, Buenos Aires, Río de La Plata River; 07.1937; collector: Mc Donagh, E.

MLP-Cr 26040 [host: *Salminus brasiliensis* (Cuvier,

- 1816)]; 2 males; Argentina, Entre Ríos, Paraná, Las Conchas stream; collector: Allen, C.
- MLP-Cr 26041 [host: *Salminus brasiliensis* (Cuvier, 1816)]; 2 females, 4 males; Argentina, Misiones, Alto Paraná, Corpus; 10.1940; collector: Allen, C.
- MLP-Cr 26042 [host: *Salminus brasiliensis* (Cuvier, 1816)]; Argentina, Buenos Aires, Río de La Plata River; 07.1937; collector: Mc Donagh, E.
- MLP-Cr 26043 [host: *Salminus brasiliensis* (Cuvier, 1816)]; 5 females, 1 male; Argentina, Santa Fe, Rosario, Paraná River; 10.1941; collector: Reyna, L.
- MLP-Cr 26044 [host: *Salminus brasiliensis* (Cuvier, 1816)]; 7 females, 3 males; Argentina, Santa Fe, Rosario, Paraná River; 22.05.1940; collector: Ringuelet, R.
- MLP-Cr 26045 [host: *Salminus brasiliensis* (Cuvier, 1816)]; 3 females, 1 male; Argentina, Entre Ríos, Gualeguaychú; 30.12.1947; collector: Haedo Rossi, J. A.
- MLP-Cr 26046 [host: *Salminus brasiliensis* (Cuvier, 1816)]; Argentina, Corrientes, Bella Vista; 24.02.1959.
- MLP-Cr 26047; [host: *Salminus brasiliensis* (Cuvier, 1816)]; 1 female, 3 males; Argentina, Santa Fe, Rosario, Paraná River; collector: Ringuelet, R.
- MLP-Cr 26048 (host: *P. coruscan*); 1 female; Argentina, Santa Fe, Rosario, Paraná River; 21.01.1944; collector: Mastrarrigo, V.

***Dolops striata* (Bouvier, 1899)**

- MLP-Cr 10/4 [host: *Salminus brasiliensis* (Cuvier, 1816)]; 2 females; Argentina, Misiones, Pindapoy; collector: Birabém, M.

Argulidae

- MLP-Cr: 144/3 (host: *Hoplias malabaricus* Bloch, 1794); Argentina, Buenos Aires, General Madariaga, Salada lagoon; 04.12.1950; collector: Ringuelet, R.
- MLP-Cr 26054 (host: catfish); Argentina, Buenos Aires, San Miguel del Monte, de Monte Lagoon; 03.1954; collector: Ringuelet, R.
- MLP-Cr 26055 (host: *Rhombia sapo* Valenciennes, 1836); Argentina, Buenos Aires, Junín, El Carpincho lagoon; 06.11.1953; collector: Coscarón, S.
- MLP-Cr 26056 (host: *Hoplias malabaricus* Bloch, 1794); Argentina, Buenos Aires, Juan Blanco stream; 25.01.1950; collector: Ringuelet, R.
- MLP-Cr 26057 (host: sole); Argentina, Buenos Aires, Monte Hermoso; 16.01.1948; collector: Ringuelet, R.
- MLP-Cr: 26058 (host: *Hoplias malabaricus* Bloch, 1794); Argentina, Corrientes, Manantiales; 29.12.1948; collector: de Apostol.
- MLP-Cr 26059 [host: *Pseudoplatystoma fasciatus*

(Linnaeus, 1766)]; Argentina, Santa Fe, Colastiné; 07.02.1960.

- MLP-Cr 26121 [host: *Pseudoplatystoma fasciatus* (Linnaeus, 1766)]; 2 specimens; Argentina, Santa Fe, Colastiné; 07.02.1960.

Superclass Multicrustacea

Class Hexanauplia

Subclass Copepoda

Order Cyclopoida

Family Lernidae

***Lernaea cyprinacea* Linnaeus, 1758**

- MLP-Cr 26502 [host: *Characius auratus* (Linnaeus, 1758)]; Argentina, Buenos Aires; collector: Filiberto, R.

***Lernaea* sp.**

- MLP-Cr 26944 (host: *Jenynsia multidentata* Jenyns, 1842); Argentina, Buenos Aires; 11.2009; collector: Montes, M.

Family Lernidae

- MLP-Cr 26053 [host: *Hypsiboas pulchellus* (Duméril & Bibron), *Astyanax* sp.]; 13 specimens; Argentina, Córdoba, Tanti; 31°19'60" S 64°35'60" W; 02.2001.

Orden Harpacticoida

Family Tisbidae

***Tisbe* Lilljeborg, 1853**

- MLP-Cr 26066 (host *Mytilus edulis platensis* d'Orbigny, 1846); Argentina, Buenos Aires; 10.1996; collector: Scarlato, N.

Order Poecilostomatoida

Family Bomolochidae

***Bomolochus globiceps* (Vervoort & Ramirez, 1968)**

- MLP-Cr 26065 [host: *Odontesthes smitti* (Lahille, 1929); *Odontesthes argentinensis* (Valenciennes; 1835)]; 2 females, 2 males; Argentina, Buenos Aires, Mar del Plata, 38°08' S 57°32' W; 15.06.1996; collector: Carestano, A.
- MLP-Cr 26456 [host: *Odontesthes smitti* (Lahille, 1929)]; Argentina, Chubut, 43° S 64°10' W; 02.2005; collector: Carballo, M.
- MLP-Cr 26457 [host: *Odontesthes smitti* (Lahille, 1929)]; Argentina, Chubut, 42°25' S 64°07' W; 08.2004; collector: Carballo, M.
- MLP-Cr 26458 [host: *Odontesthes nigricans* (Richardson, 1848)]; Argentina, Chubut, 43° S 64°10' W; 08.2003; collector: Carballo, M.
- MLP-Cr 26459 [host: *Odontesthes nigricans* (Richardson, 1848)]; Argentina, Chubut, 42°25' S 64°07' W; 10.2003; collector: Carballo, M.

MLP-Cr 6434 [host: *Odontesthes incisa* (Jenyns, 1841)]; 5 females; Argentina, Buenos Aires, Mar del Plata, 38°08' S 57°32' W; 10.2000; collector: Timi, J.

***Nothobomolochus cresseyi* Timi & Sardella, 1997**

MLP-Cr 6435 [host: *Thyrsoites lepidopoides* (Cuvier, 1832)]; 1 female; Argentina, Buenos Aires, General Pueyrredón, Mar del Plata, coastal waters, 38°08' S 57°32' W; 04.2010; collector: Timi, J.

Family Condrachantidae

***Chondracanthus australis* Ho, 1991**

MLP-Cr 26921 (host: *Merluccius hubbsi* Marini, 1933); 2 females, 1 male; Argentina, Buenos Aires, Argentine Sea, 36°26' S 53°39' W; 26.06.1993; collector: Timi, J.

***Brasilochondria riograndensis* Thatcher & Pereira Júnior, 2004**

MLP-Cr 6436 (host: *Paralichthys patagonicus* Jordan, 1889); females, males; Argentina, Buenos Aires, 38°52' S 58°10' W; 09.2010; collector: Alarcos, A.

MLP-Cr 26110 [host: *Paralichthys orbignyanus* (Valenciennes, 1839)]; 2 females, 1 male; Argentina, Buenos Aires, 38°45' S 2°15' W; 11.2002; collector: Braicovich, P. & Alarcos, A.

Family Ergasilidae

***Ergasilus sieboldii* Von Nordmann, 1832**

MLP-Cr 26943 (host: *Jenynsia multidentata* Jenyns, 1842); 5 specimens; Argentina, Buenos Aires; 02.2010; collector: Montes, M.

Family Taeniacanthidae

***Taeniacanthus lagocephali* Pearse, 1952**

MLP-Cr 6437 [host: *Lagocephalus laevigatus* (Linnaeus, 1766)]; 3 females; Argentina, Buenos Aires, Mar del Plata, 38°08' S 57°32' W; 12.2008; collector: Vales, D.

Order Poecilostomatoida

MLP-CR 9401; MLP-CR 9402 (host: *Merluccius hubbsi* Mariani, 1933); Argentina, Buenos Aires, Mar del Plata, 38° S 57°32' W; 11.11.1966; collector: study trip *Zoología General* MLP.

MLP-Cr 26895 [host: *Salminus brasiliensis* (Cuvier, 1816)]; Argentina, Corrientes.

Order Siphonostomatoida

Family Caligidae

***Caligus rogercresseyi* Boxshall & Bravo, 2000**

MLP-Cr 6438 [host: *Odontesthes argentinensis* (Valenciennes, 1835)]; 5 females, 5 males;

Argentina, Buenos Aires, Mar del Plata, 38°08' S 57°32' W; 07.2000; collector: Timi, J.

***Lepeophtheirus chilensis* Wilson C.B., 1905**

MLP-Cr 26069 [host: *Eleginops maclovinus* (Cuvier & Valenciennes, 1830)]; Argentina, Santa Cruz; 30.04.1924; collector: Gaggero, P.

***Metacaligus trichiuri* (Krøyer, 1863)**

MLP-Cr 6439 (host *Trichiurus lepturus* Linnaeus, 1758); 5 females, 5 males; Argentina, Buenos Aires, Mar del Plata, General Pueyrredón; 38°08' S 57°32' W; 07.2000; collector: Braicovich, P.

Family Hatschekiidae

***Hatschekia conifera* Yamaguti, 1939**

MLP-Cr 6440 (host: *Brama brama* (Bonaterre, 1788)); 1 female; Argentina, Buenos Aires, Mar del Plata, 38°08' S 57°32' W; 11.2007; collector: Braicovich, P. E.

Family Kroyeriidae

***Kroyerina sudamericana* Irigoitia, Cantatore, Incorvaia & Timi, 2015**

MLP-Cr 26983 (host: *Sympterygia bonapartii*); 2 females, 2 males; Argentina, Argentine Sea; collector: Irigoitia, Barbini & Cantatore.

MLP-Cr 26984 (host: *Sympterygia bonapartii*); 2 females, 2 males; Argentina, Argentine Sea; collector: Irigoitia, Barbini & Cantatore.

Family Lernaepodidae

***Brianella corniger* Wilson, 1932**

MLP-Cr 26985-1 [host: *Atlantoraja castelnaui* (Miranda Ribeiro, 1907)]; 5 females; Argentina, Argentine Sea; 2013/2014; collector: Irigoitia, Barbini & Cantatore.

MLP-Cr 26985-2 [host: *Rioraja agassizii* (Müller & Henle, 1841)]; 2 females; Argentina, Argentine Sea; 2013/2014; collector: Irigoitia, Barbini & Cantatore.

MLP-Cr 26985-3 (host: *Sympterygia acuta* Garman; 1877); 1 female; Argentina, Argentine Sea; 2013/2014; collector: Irigoitia, Barbini & Cantatore.

MLP-Cr 26985-4 (host: *Psammobatis*); 1 female; Argentina, Argentine Sea; 2013/2014; collector: Irigoitia, Barbini & Cantatore.

***Clavella adunca* (Strøm, 1762)**

MLP-Cr 6442 [host: *Patagonotothen ramsayi* (Regan, 1913)]; 3 females; Argentina, Chubut, patagonic waters, 45°08' S 61°02' W; 09.2007; collector: Cantatore, D.

***Clavella bowmani* Kabata, 1963**

MLP-Cr 6443 [host: *Patagonotothen ramsayi* (Regan, 1913)]; 1 female; Argentina, Chubut, patagonic waters, 45°08' S 61°02' W; 09.2007; collector: Cantatore, D.

***Clavellotis pagri* (Krøyer, 1863)**

MLP-Cr 6441 [host: *Pagrus pagrus* (Linnaeus, 1758)]; 9 females; Argentina, Buenos Aires, Mar del Plata, coastal waters; 38°08' S 57°32' W; 12.2004/10.2005; collector: Cantatore, D.

***Dendrapta nasicola* Irigoitia, Taglioretti & Timi, 2020**

Type host: *Bathyraja scaphiops* (Norman, 1937) (Rajiformes: Arhynchobatidae).

Site of infection. Olfactory sacs.

Type locality: Argentina, Buenos Aires Province, Mar del Plata, General Pueyrredón, deep waters, 35°41' S 53°62' W.

Holotype: MLP-Cr 27314; female, between 2013 and 2018; collector Irigoitia.

Paratypes: MLP-Cr 27315, 10 females, same locality; host; date and collector as the holotype.

Current status: valid species.

Reference: Irigoitia *et al.*, 2020.

***Parabrachiella amphipacifica* (Ho, 1982)**

MLP-Cr 6444 (host: *Cottunculus granulatus* Karrer, 1968); 2 females; Argentina, Santa Cruz, patagonic waters; 49°13' S 63°14' W; 02.2007; collector: Timi, J.

***Parabrachiella chevreuxi* Beneden, 1891**

MLP-Cr 27326 [host: *Pogonias courbina* (Lacépède, 1803)]; 2 females; Argentina, Buenos Aires; 19.09.2020; collector: Montes, M.

***Parabrachiella mugilis* Kabata, Raibaut & Ben Hassine, 1971**

MLP-Cr 27327 [host: *Chelon auratus* (Risso, 1810)] Turkey, Bandırma Bay (Sea of Marmara); 1 female; 09.2017; collector: Ahmet, Ö.

***Parabrachiella platensis* Montes, Castro-Romero & Martorelli, 2017**

Type host: *Mugil liza* Valenciennes (Mugiliformes: Mugilidae).

Site of infection: Nasal cavity. Nostrils and fins.

Type locality: Argentina, Buenos Aires Province, General Lavalle, Ajó River, south Samborombón bay, 36°20'12" S 56°54'17" W.

Holotype: MLP-Cr 26948, female; 2009- from 15 March through 21 September; collector: Colautti, D.

Allotype: MLP-Cr 26949; male; same locality; host; date and collector as the holotype.

Paratype: MLP-Cr 26945-47 and MLP-Cr 26950; 3 females, 1 male; same locality; host; date and collector as the holotype.

Reference: Montes *et al.*, 2017.

***Parabrachiella spinicephala* Ringuelet, 1945**

MLP-Cr 26106 [host: *Pinguipes brasiliensis* Cuvier; 1829 (Pisces: Pinguipedidae)]; 2 males; Argentina, Buenos Aires, Mar del Plata, General Pueyrredón; 38°08' S 57°32' W; 05.2006; collector: Lanfranchi, A.L.

Family Lernanthropidae***Lernanthropus caudatus* Wilson C.B., 1922**

MLP-Cr 6446 [host: *Pagrus pagrus* (Linnaeus, 1758)]; 10 females, 10 males; Argentina, Buenos Aires, Mar del Plata, General Pueyrredón; 38°08' S 57°32' W; 12.2004/10.2005; collector: Cantatore, D.

***Lernanthropus cynoscicola* Timi & Etchegoin, 1996**

MLP-Cr 26894 [host: *Trachurus lathami* Nichols, 1920 (Pisces; Carangidae)]; 2 females; Argentina, coastal waters of Buenos Aires; 1993/1994; collector: Timi, J.

***Lernanthropus leidy* Wilson, 1922**

MLP-Cr 6445 (host: *Umbrina canosai* Berg, 1895); 1 female; Argentina, Buenos Aires, Mar del Plata, General Pueyrredón; 38°08' S 57°32' W; 04.2004; collector: Timi, J.

***Lernanthropinus trachuri* (Brian, 1903)**

MLP-Cr 26067, 2 females, MLP-Cr 26068, 1 female (host: *Trachurus lathami* Nichols, 1920); Argentina, Buenos Aires, coast of Buenos Aires; 08.1994; collector: Timi, J.

Family Pandaridae***Achtheinus oblongus* Wilson, 1908**

MLP-Cr 26063 (host: *Mustelus schmitti* Springer, 1940); 1 female; Argentina, Buenos Aires, Port of Mar del Plata, 38°08' S 57°32' W; 11.1993; collector: Ivanov, V.

***Nesippus orientalis* Heller, 1865**

MLP-Cr 26064 (host: *Mustelus schmitti* Springer, 1940); 2 females; Argentina, Buenos Aires, Port of Mar del Plata, 38° S 57°32' W; 11.1993; collector: Ivanov, V.

Family Pennellidae***Trifur tortuosus* Wilson C.B., 1917**

- MLP-Cr 26150 (host: *Merluccius hubbsi* Marini, 1933); Argentina, Buenos Aires, Mar del Plata, General Pueyrredón; 38° S 57°32' W; 27.10.2008; collector: Timi, J.
- MLP-Cr 26151 (host: *Pinguipes brasilianus* Cuvier, 1829); Argentina, Buenos Aires, Mar del Plata, General Pueyrredón; 38° S 57°32' W; 27.10.2008; collector: Timi, J.
- MLP-Cr 26152 (host: *Pseudopercis semifasciata* Cuvier, 1829); Argentina, Buenos Aires, Mar del Plata, General Pueyrredón; 38° S 57°32' W; 27.10.2008; collector: Timi, J.
- MLP-Cr 26061 (host: *Merluccius hubbsi* Marini, 1933); Argentina, Buenos Aires; 03.1948; collector: De Ferraris, O.
- MLP-Cr 26738 (host: *Merluccius hubbsi* Marini, 1933); Argentina, Buenos Aires; 15.08.1930; collector: De Ferraris, O.

***Peniculus* sp.**

- MLP-Cr 26460 [host: *Odontesthes smitti* (Lahille, 1929)]; Argentina, Chubut, 43° S 64°10' W; 08.2004; collector: Carballo, M.C.
- MLP-Cr 26461 [host: *Odontesthes smitti* (Lahille, 1929)]; Argentina, Chubut, 42°25' S 64°07' W; 01.2005; collector: Carballo, M.C.
- MLP-Cr 26462 [host: *Odontesthes nigricans* (Richardson, 1848)]; Argentina, Chubut, 43° S 64°10' W; 12.2003; collector: Carballo, M.C.
- MLP-Cr 26463 [host: *Odontesthes nigricans* (Richardson, 1848)]; Argentina, Chubut, 42°25' S 64°07' W; 10.2003; collector: Carballo, M.C.

Family Sphiridae***Sphyrion laevigatum* (Quoy & Gaimard, 1824)**

- MLP-Cr 26071 [host: *Genypterus blacodes* (Forster, 1801)]; 03.02.1941; collector: Ringuelet, R.

Class Thecostraca**Subclass Cirripedia****Infraclass Rizocephala****Family Sacculinidae*****Sacculina carcini* Thompson; 1836**

- MLP-Cr 25877 (host: *Eriphia* sp.); Italia; Napoles Golph.

Class Malacostraca**Superorder Peracarida****Order Isopoda****Family Cymothoidae*****Nerocila armata* Dana, 1853**

- MLP-Cr 26005 [host: *Cynoscion striatus* (Cuvier, 1829)]; Argentina, Buenos Aires, Mar del Plata, 38° S 57°32' W; collector: Dawson.
- MLP-Cr 26008 (host: *Odontesthes* sp.); Argentina, Buenos Aires; 06.04.1930; collector: Mc Donagh, E.

***Nerocila* sp.**

- MLP-Cr 26011 [host: *Odontesthes platensis* (Berg, 1895)]; Argentina, Buenos Aires; collector: Risso, F.
- MLP-Cr 25934 (host: *Hoplias malabaricus* Bloch, 1794); Argentina, Entre Ríos, Concepción del Uruguay; collector: Cook, M.
- MLP-Cr 25978 (host: *Plecostomus* sp.); Argentina, Buenos Aires, 34°49' S 57°58'60" W; 1947; collector: Ringuelet, R.
- MLP-Cr 25970 (host: *Munida* sp.)
- MLP-Cr 25953 (host: *Geophagus* sp.); Argentina, Entre Ríos, Concordia.

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- Note:** The references for the taxon authorities can be found in the World Register of Marine Species (WoRMS) database.
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