

MARINE FISHES FROM CUBA IN THE COLLECTIONS OF SLOVAK NATIONAL MUSEUM

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In summer 1965, the First Czechoslovak-Cuban Expedition for Submarine Research organized by the Oceanographical Institute of the Cuban Academy of Sciences as well as by the Submarine Research Group of the Slovak Zoological Society under the sponsorship of the Slovak National Museum and the Geological Institute of the Slovak Academy of Sciences was organized. It was the aim of the aforementioned expedition to realize actuo-geological and ichthyological investigation of coastal zone of Cuba [particulars there of see in the book by Balon and Seněš, 1967].

The ichthyological material collected in the course of the aforementioned expedition contains 369 fish specimens obtained from:

- 1) coral reefs in the Strait of California at Guanabo and Varadero but, particularly, at Rincón de Guanabo (about 20 km east of la Habana);
- 2) the coast of Cayo Paraíso la Mulata Island in the Gulf of Mexico (about 150 km west of la Habana);
- 3) the coast of Cayo Largo Island in Caribbean Sea;
- 4) the catches bought from Cuban fishermen (without locality indicated).

The fishes in question are being kept in the collections of the Slovak National Museum covering almost exclusively formaline fixed material, to a lesser extent the dermoplastic preparations, too.

Using the papers by Bigelow and Schroeder (1948, 1953), Böhlke and Chaplin (1968), Courtenay (1961), Emery (1973), Pinčuk (1972) and Randall (1968) we found the collection to contain following fish species:¹

¹) These are common and well-known fish species of Cuba (see Duarte-Bello and Bues, 1973)



CHONDRICHTHYES

LAMNIFORMES

Alopiidae

Alopias vulpinus (Bonnaterre, 1788)

(1 specimen, Cuba — exact locality unknown)

Alopias sp. juv.

(1 specimen, Cuba — exact locality unknown)

Orectolobidae

Ginglymostoma cirratum (Bonnaterre, 1788)

(1 specimen, Cuba — exact locality unknown)

Carcharhinidae

Carcharhinus falciformis (Bibron, 1841)

(5 specimens, Cuba — exact locality unknown)

Carcharhinus leucas (Valenciennes, 1841)

(1 specimen, Cayo Largo)

Carcharhinus obscurus Lesueur, 1818

(1 specimen, Caribbean Sea — exact locality unknown)

Sphyrnidae

Sphyrna mokarran (Rüppel, 1835)

(1 specimen, Cuba — exact locality unknown)

MYLIOBATIFORMES

Myliobatidae

Urolophus jamaicensis (Cuvier, 1817)

(2 specimens, Rincón de Guanabo)

Dasyatidae

Dasyatis americana Hildebrandt et Schroeder, 1928

(1 specimen, Cuba — exact locality unknown)

OSTEICHTHYES

ANGUILLIFORMES

Muraenidae

Gymnothorax sp.

(1 specimen, Cayo Largo)

Ophichthyidae

Myrichthys oculatus (Kaup, 1856)

(1 specimen, Rincón de Guanabo)

Ophichthus ophis (Linnaeus, 1758)

(1 specimen, Cuba — exact locality unknown)



LOPHIIFORMES

Ogcocephalidae

- Ogcocephalus vespertilio* (Linnaeus, 1758)
(1 specimen, Varadero)

ATHERINIFORMES

Belonidae

- Strongylura notata* (Poey, 1861)
(1 specimen, Rincón de Guanabo)

BERYCIFORMES

Holocentridae

- Adioryx vexillarius* (Poey, 1860)
(1 specimen, Rincón de Guanabo)
Holocentrus ascensionis (Osbeck, 1757)
(3 specimens, Rincón de Guanabo)
Holocentrus rufus (Walbaum, 1792)
(4 specimens, Rincón de Guanabo)
Myripristis jacobus Cuvier, 1829
(1 specimen, Rincón de Guanabo)

DACTYLOPTERIFORMES

Dactylopteridae

- Dactylopterus volitans* (Linnaeus, 1758)
(1 specimen, Cayo Largo)

PERCIFORMES

Percoidei

Serranidae

- Alphestes afer* (Bloch, 1793)
(2 specimens, Rincón de Guanabo)
Epinephelus guttatus (Linnaeus, 1758)
(1 specimen, Cuba — exact locality unknown)

Priacanthidae

- Priacanthus cruentatus* (Lacépède, 1802)
(4 specimens, Rincón de Guanabo)

Carangidae

- Caranx bartholomaei* Cuvier, 1833
(1 specimen, Cuba — exact locality unknown)

Lutjanidae

- Lutjanus mahogoni* (Cuvier, 1828)
(1 specimen, Rincón de Guanabo)

- Lutjanus synagris* (Linnaeus, 1758)
 (2 specimens, Rincón de Guanabo)
- Ocyurus chrysurus* (Bloch, 1791)
 (4 specimens, Cuba — exact locality unknown)
- Pomadasyidae
- Haemulon aurolineatum* Cuvier, 1829
 (133 specimens, Rincón de Guanabo)
- Haemulon carbonarium* Poey, 1860
 (12 specimens, Rincón de Guanabo)
- Haemulon chrysargyreum* Günther, 1859
 (19 specimens, Rincón de Guanabo)
- Haemulon flavolineatum* (Desmarest, 1823)
 (39 specimens, Rincón de Guanabo)
- Haemulon melanurum* (Linnaeus, 1758)
 (1 specimen, Rincón de Guanabo)
- Haemulon parrai* (Desmarest, 1823)
 (32 specimens, Rincón de Guanabo)
- Haemulon plumieri* (Lacépède, 1802)
 (33 specimens, Rincón de Guanabo)
- Haemulon sciurus* (Shaw, 1803)
 (2 specimens, Rincón de Guanabo)
- Sparidae
- Calamus bajonado* (Bloch et Schneider, 1801)
 (2 specimens, Cuba — exact locality unknown)
- Calamus pennatula* Guichenot, 1868
 (2 specimens, Cuba — exact locality unknown)
- Sciaenidae
- Odontoscion dentex* (Cuvier, 1830)
 (1 specimen, Rincón de Guanabo)
- Pempheridae
- Priacanthopsis schomburgki* (Müller et Troschel, 1848)
 (2 specimens, Rincón de Guanabo)
- Kyphosidae
- Kyphosus sectator* (Linnaeus, 1766)
 (1 specimen, Cuba — exact locality unknown)
- Chaetodontidae
- Chaetodon striatus* Linnaeus, 1758
 (2 specimens, Rincón de Guanabo)
- Pomacanthus arcuatus* (Linnaeus, 1758)
 (4 specimens, Rincón de Guanabo)
- Pomacanthus paru* (Bloch, 1787)
 (1 specimen, Guanabo)
- Pomacentridae
- Abudefduf saxatilis* (Linnaeus, 1758)
 (2 specimens, Rincón de Guanabo)

Chromis cyanea (Poeby, 1860)

[3 specimens, Rincón de Guanabo]

Eupomacentrus partitus (Poeby, 1868)

[2 specimens, Rincón de Guanabo]

Eupomacentrus planifrons (Cuvier, 1830)

[6 specimens, Rincón de Guanabo]

Microspathodon chrysurus (Cuvier, 1830)

[3 specimens, Rincón de Guanabo]

Sphyraenoidei

Sphyraenidae

Sphyraena barracuda (Walbaum, 1792)

[3 specimens, between Cayo Largo and Cayo Rosario]

Labroidei

Labridae

Halichoeres bivittatus (Bloch, 1791)

[3 specimens, Rincón de Guanabo]

Lachnolaimus maximus (Walbaum, 1792)

[1 specimen, Cayo Largo]

Thalassoma bifasciatum (Bloch, 1791)

[6 specimens, Rincón de Guanabo]

Scaridae

Scarus guacamaia Cuvier, 1829

[1 specimen, Cayo Largo]

Sparisoma viride (Bonnaterre, 1788)

[1 specimen, Rincón de Guanabo]

Acanthuroidei

Acanthuridae

Acanthurus bahianus Castelnau, 1855

[2 specimens, Rincón de Guanabo]

Acanthurus chirurgus (Bloch, 1787)

[1 specimen, Rincón de Guanabo]

TETRAODONTIFORMES

Balistoidei

Balistidae

Balistes vetula Linnaeus, 1758

[1 specimen, Rincón de Guanabo]

Ostraciodontidae

Acanthostracion polygonus Poeby, 1876

[1 specimen, Rincón de Guanabo]

Lactophrys triqueter (Linnaeus, 1758)

[1 specimen, Rincón de Guanabo]

Tetraodontoidei

Diodontidae

Diodon holacanthus Linnaeus, 1758

(1 specimen, Rincón de Guanabo)

Diodon hystrix Linnaeus, 1758

(1 specimen, Rincón de Guanabo, 1 specimen Cayo Paríso la Mulata and 1 specimen Cayo Largo)

Summary

The authors present the survey of Cuban sea fishes deposited in the Slovak National Museum collections obtained in the course of the First Czechoslovak — Cuban Expedition for Submarine Research in summer 1965. The collection contains 369 fishes belonging to 60 species, 30 families and 9 orders.

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MORSKÉ RYBY Z KUBY V ZBIERKACH SLOVENSKEHO NÁRODNÉHO MÚZEA

S á h r n

Roku 1965 dovezli účastníci 1. československo-kubánskej expedície pre podmorský výskum 369 rýb, ktoré nazbierali vo Floridskej úžine pri Guanabe, Varadere a Rincón de Guanabe, v Mexickom zálive pri pobreží ostrova Cayo Paraiso la Mulata a v Karibskom mori v okolí ostrova Cayo Largo. Zakúpili aj úlovky z neznámych lokalít od kubánskych rybárov.

Autori podávajú v príspevku systematický prehľad rýb tejto zbierky, ktorá, ako určili, obsahuje 60 druhov patriacich do 30 čeľadí a 9 radov.

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