

Aburto-Oropeza, O., M. Caso, B. Erisman, and E. Ezcurra (editors). 2011. *Log of the Deep Sea: An Expedition to the Gulf of California*. Instituto Nacional de Ecología, UC MEXUS, Scripps Institution of Oceanography; Mexico, D.F.

## Supporting Information: Taxonomic list of fish species

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### Phylum Chordata,

Subphylum Vertebrata

Superclass Agnatha,

Class Chondrichthyes

Subclass Elasmobranchii

Superorder Batidoidimorpha

Order Torpediniformes Bonaparte, 1838

Family Narcinidae

Genus *Diplobatis* Bigelow & Schroeder, 1948

Species ***Diplobatis ommata*** Jordan & Gilbert, 1890

Class Actinopterygii

Subclass Neopterygii

Order Elopiformes Nelson, 1994

Family Elopidae

Genus *Elops* Linnaeus, 1766

Species ***Elops affinis*** Regan, 1909

Order Anguilliformes Nelson, J.S., 1994

Family Muraenidae

Genus *Gymnomuraena* Lacépède, 1804

Species ***Gymnomuraena zebra*** Shaw, 1797

Genus *Gymnothorax* Bloch, 1795

Species ***Gymnothorax castaneus*** Jordan & Gilbert, 1883

Order Beryciformes

Family Holocentridae

Genus *Myripristis* Cuvier, 1829

Species ***Myripristis leiognathus*** Valenciennes, 1846

Order Gasterosteiformes Nelson, 1994

Family Fistulariidae

Genus *Fistularia* Linnaeus, 1758

Species ***Fistularia commersonii*** Rüppell, 1838

Order Scorpaeniformes

Family Scorpaenidae

Genus *Scorpaena* Linnaeus, 1758

Species ***Scorpaena plumieri mystes*** Jordan & Starks, 1895

Order Perciformes Nelson,1994

Family Serranidae

Genus *Rypticus* Cuvier, 1829

Species ***Rypticus bicolor*** Valenciennes, 1846

Genus *Alphestes* Bloch & Schneider,1801

Species ***Alphestes immaculatus*** Breder, 1936

Genus *Cephalopholis* Bloch & Schneider,1801

Species ***Cephalopholis panamensis*** Steindachner, 1877

Genus *Epinephelus* Bloch,1793

Species ***Epinephelus labriformis*** Jenyns, 1840

Genus *Mycteroperca* Gill, 1862

Species ***Mycteroperca rosacea*** Streets, 1877

Genus *Paranthias* Guichenot, 1868

Species ***Paranthias colonus*** Valenciennes, 1846

Genus *Serranus* Cuvier,1816

Species ***Serranus psittacinus*** Valenciennes, 1846

Family Carangidae

Genus *Caranx* Lacépède,1802

Species ***Caranx caballus*** Günther, 1868

Species ***Caranx sexfasciatus*** Quoy & Gaimard, 1825

Family Lutjanidae

Genus *Hoplopagrus* Gill,1861

Species ***Hoplopagrus guentherii*** Gill, 1862

Genus *Lutjanus* Bloch,1790

Species ***Lutjanus argentiventris*** Peters, 1869

Species ***Lutjanus novemfasciatus*** Gill, 1862

Species ***Lutjanus viridis*** Valenciennes, 1846

Family Haemulidae

Genus *Anisotremus* Gill, 1862

Species ***Anisotremus interruptus*** Gill, 1862

Genus *Haemulon* Cuvier, 1829

Species ***Haemulon flaviguttatum*** Gill, 1862

Family Scianidae

Genus *Pareques* Gill,1876

Species ***Pareques fuscovittatus*** Kendall & Radcliffe, 1912

Family Mullidae

Genus *Mulloidichthys* Whitley, 1929

Species ***Mulloidichthys dentatus*** Gill, 1862

Family Chaetodontidae

Genus *Chaetodon* Linnaeus,1758

Species ***Chaetodon humeralis*** Günther, 1860  
Genus *Johnrandallia* Nalbant 1974  
Species ***Johnrandallia nigrirostris*** Gill, 1862

Family Pomacanthidae

Genus *Holacanthus* Lacépède, 1802  
Species ***Holacanthus passer*** Valenciennes, 1846  
Genus *Pomacanthus* Lacépède, 1803  
Species ***Pomacanthus zonipectus*** Gill, 1862

Family Cirrhitidae

Genus *Cirrhitus* Lacépède, 1803  
Species ***Cirrhitus rivulatus*** Valenciennes, 1846  
Genus *Cirrhitichthys* Bleeker, 1857  
Species ***Cirrhitichthys oxycephalus*** Bleeker, 1855

Family Pomacentridae

Genus *Abudefduf* Forskal, 1775  
Species ***Abudefduf trsoschelli*** Gill, 1862  
Genus *Chromis* Cuvier, 1815  
Species ***Chromis atrilobata*** Gill, 1862  
Species ***Chromis limbaughi*** Greenfield & Woods, 1980  
Genus *Microspathodon* Günther, 1862  
Species ***Microspathodon dorsalis*** Gill, 1862  
Genus *Stegastes* Jenyns, 1842  
Species ***Stegastes flavilatus*** Gill, 1862  
Species ***Stegastes rectifraenum*** Gill, 1862

Family Labridae

Genus *Bodianus* Bloch, 1790  
Species ***Bodianus diplotaenia*** Gill, 1862  
Genus *Halichoeres* Rüppell, 1835  
Species ***Halichoeres chierchiae*** Di Caporiacco, 1948  
Species ***Halichoeres dispilus*** Günther, 1864  
Species ***Halichoeres nicholsi*** Jordan & Gilbert, 1882  
Genus *Thalassoma* Swainson, 1839  
Species ***Thalassoma grammaticum*** Gilbert, 1890  
Species ***Thalassoma lucasanum*** Gill, 1862

Family Blennidae

Genus *Ophioblennius* Gill, 1844  
Species ***Ophioblennius steindachneri*** Jordan & Evermann, 1898  
Genus *Plagiotremus* Gill, 1865  
Species ***Plagiotremus azaleus*** Jordan & Bollman, 1890

Family Acanthuridae

Genus *Acanthurus* Forskal, 1775

Species ***Acanthurus xanthopterus*** Valenciennes, 1835  
Genus *Prionurus* Lacépède, 1804  
Species ***Prionurus punctatus*** Gill, 1862

Family Kyphosidae

Genus *Girella* Gray, 1835  
Species ***Girella simplicidens*** Osburn & Nichols, 1916  
Genus *Kyphosus* Lacépède, 1804  
Species ***Kyphosus analogus*** Gill, 1862

Family Scaridae

Genus *Scarus* Forsskål, 1775  
Species ***Scarus compressus*** Osburn & Nichols, 1916  
Species ***Scarus ghobban*** Forsskål, 1775  
Species ***Scarus perrico*** Jordan & Gilbert, 1882  
Species ***Scarus rubroviolaceus*** Bleeker, 1847

Order Tetraodontiformes. Nelson, J.S., 1994

Family Balistidae

Genus *Balistes* Linnaeus, 1758  
Species ***Balistes polylepis*** Steindachner, 1876  
Genus *Pseudobalistes* Bleeker, 1865  
Species ***Pseudobalistes naufragium*** Jordan & Starks, 1895  
Genus *Sufflamen* Jordan, 1916  
Species ***Sufflamen verres*** Gilbert & Starks, 1904

Family Diodontidae

Genus *Diodon* Linnaeus, 1758  
Species ***Diodon holocanthus*** Linnaeus, 1758  
Species ***Diodon hystrix*** Linnaeus, 1758

Family Tetraodontidae

Genus *Arothron* Müller, 1839  
Species ***Arothron meleagris*** Lacépède, 1798  
Genus *Canthigaster* Swainson, 1839  
Species ***Canthigaster punctatissima*** Günther, 1870