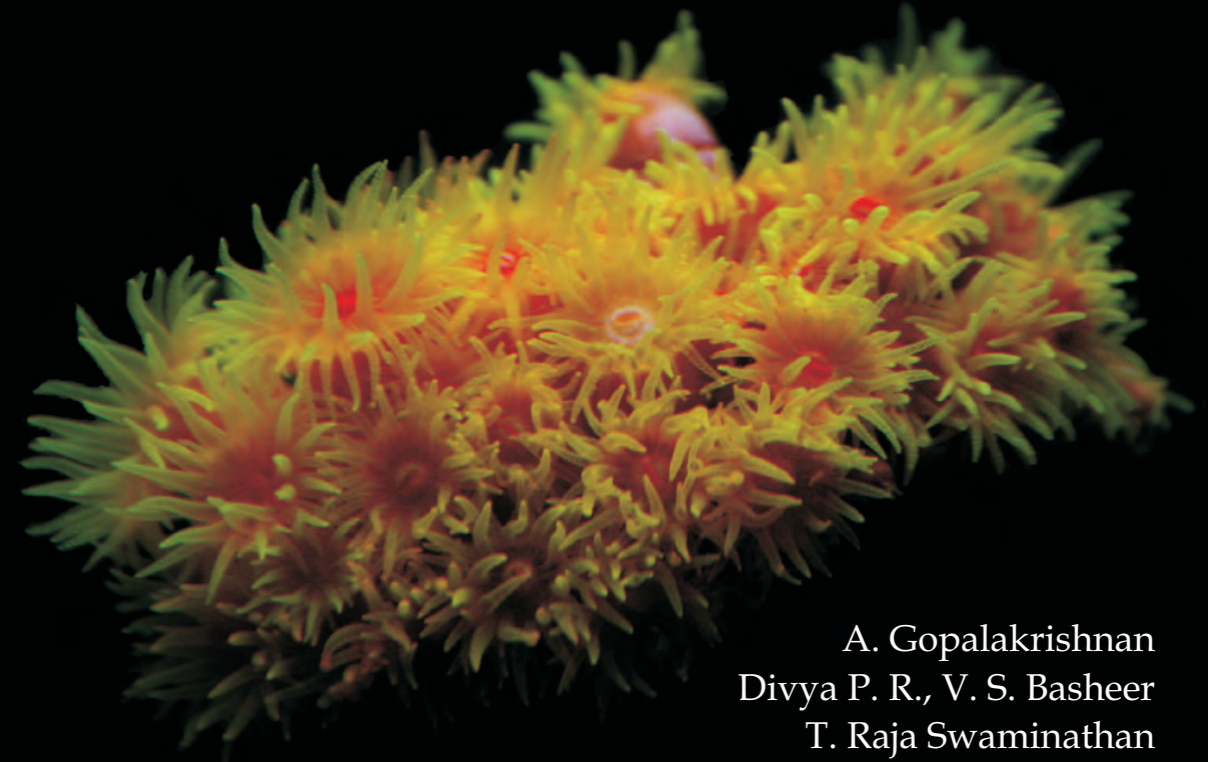


Macro Flora & Fauna of the Gulf of Mannar

a checklist



A. Gopalakrishnan
Divya P. R., V. S. Basheer
T. Raja Swaminathan
A. Kathirvelpandian, Bineesh K. K.
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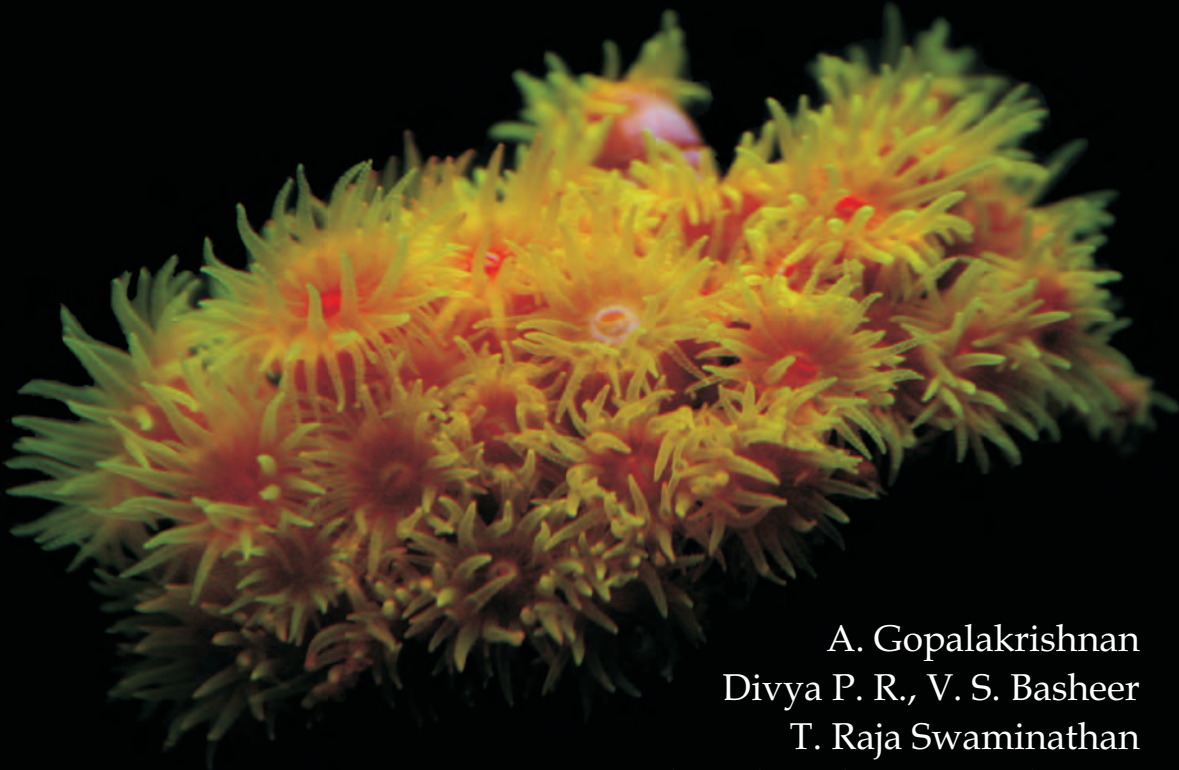


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Front Cover: Sun Coral (*Tubastrea* sp.) photographed by Beta Mahatvaraj.

Back Cover: Lion Fish (*Pterois volitans*) photographed by V. S. Basheer.



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Foreword

Gulf of Mannar Marine Biosphere Reserve (GoMMBR) along with the South East coast of India is internationally recognized under the Man and Biosphere Programme of UNESCO for its rich and varied biodiversity of marine biota. The coastal and marine environment of GoMMBR has a variety of unique ecosystems such as the coral reefs, sea-grass beds, mangroves etc. which provide several benefits to the mankind. The region has been the focus of anthropogenic interference and as result, attracted great deal of attention of scientific community. Despite the major restoration efforts, this precious ecosystem continues to decline. For conserving the marine biodiversity and designing appropriate management strategies for sustainable production in this region, thorough knowledge on species diversity, abundance and their biology is essential. The comprehensive checklist of 3167 species of Macro flora and fauna of the Gulf of Mannar prepared by National Bureau of Fish Genetic Resources (NBFGR) team is an endeavour to provide an authentic and updated information on the species diversity of the Gulf of Mannar – of different animal groups from Porifera to Mammalia and among plants from seaweeds to sea-grasses. The need for such a reliable checklist was highly essential especially when the taxonomic names of several invertebrates have been revised using modern molecular genetic tools.

The effort of the NBFGR team in bringing the scattered information into a consolidated checklist deserves appreciation. It is hoped that the book will serve as an invaluable source of information for scientists, academicians, conservationists, resource managers and all others interested in the Gulf of Mannar for biodiversity conservation, ecological restoration and sustainable utilization of resources of the region.

(S. Ayyappan)

Preface

The Gulf of Mannar (GoM) located along the south eastern tip of India falls in the Indo-Pacific realm and is one of the richest regions in the world from a marine biodiversity perspective. The region has a distinctive socio-economic and cultural profile shaped by its geography. It has an ancient maritime history and was famous for the production of pearls, an important item in trade with the Roman Empire as early as the first century AD. Rameshwaram along the GoM with its links to the legend Ramayana is an important pilgrim centre. The region has been and continues to be famous for its production of Indian sacred chanks. It has unique ecosystems mainly consisting of coral reefs, sea grass beds, salt marshes and mangroves which constitute important habitats for many species of commercially important finfishes and shellfishes. The GoM was established as a Biosphere Reserve (the first marine biosphere reserve in south and south east Asia) by 1989 by the Indian Government and the state of Tamil Nadu. A biosphere reserve is an area that is indented to secure the fundamental diversity of life in a region while continuing to advocate in economic growth. The overall objective of this Marine Biosphere Reserve is to conserve the Gulf of Mannar's globally significant assemblage of coastal and marine biodiversity and to integrate biodiversity conservation into coastal zone management plans. Thus, the GoM in addition to being a national priority also assumes global significance.

In this era of technological revolution, there is a need for accurate documentation of genetic resources, as aquatic organisms are important for food, agriculture and trade. Despite its rich floral and faunal diversity and a series of publications on the inventory of GoM (Alcock, 1901; Herdman, 1905; Sewell, 1932; Winckworth, 1936; Rao, 1934; Munro, 1955; Rao, 1955, 1962; Pillai, 1969, 1996; Thomas, 1969, 1970, 1973; Silas & Srinivasan, 1970; Sanjeevaraj, 1976; Nammalwar et al., 1983, 1994; Silas, 1988; Thomas & George, 1987; Lalmohan, 1992; Ramaiyan et al., 1996; Easterson et al., 1998; Fernando & Fernando, 2002; Venkataraman et al., 2002; Meenakshi, 2005; Lobo, 2006; Karthikeyan & Balasubramanian, 2007; Jaffar, et al., 2009), a comprehensive checklist of macro flora and fauna of the region has not been published so far. Such a list is necessary for formulating guidelines on issues related to biodiversity, IPR protection and to harness the commercial benefits that can be derived from genetic variability through application of cutting edge technology.

The Indian Council of Agricultural Research (ICAR) has entrusted the National Bureau of Fish Genetic Resources (NBFGR), Lucknow with the mandate to catalogue aquatic genetic resources of the country – both major ecosystem-wise and as a whole. In the present work, we have attempted to consolidate the available information on the species diversity of macro flora and fauna of the GoM. It is intended for researchers, conservationists, planners and all others who are interested in the GoM region. Sincere efforts have been made to provide reliable data and minimize errors. Further, systematics of many species are still being revised, while some are in flux, hence changes are bound to happen in the future. We solicit suggestions and constructive criticism from the readers which will be helpful in updating and improving future editions.

The authors whole-heartedly acknowledge the constant interest, encouragement, support and creative suggestions of the Late Dr. D. Kapoor, former Director in Charge, NBFGR in preparing this checklist. It is hoped that it will be a useful companion to all those who read it.

- The Authors

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Introduction

India is one of 17 mega-biodiverse countries harbouring a variety of species-rich ecosystems including marine habitats. It has a coastline of 8,118 km, with an Exclusive Economic Zone (EEZ) of 2.02 million sq km and a continental shelf area of 4,68,000 sq km, spread across the mainland and the Islands of Andaman and Nicobar, and Lakshadweep. There are four major coral reef areas in India – along the coasts of the Andaman and Nicobar Islands, Lakshadweep Islands, Gulf of Mannar (GoM) and Gulf of Kutch. The Gulf of Mannar Marine National Park and Biosphere Reserve, located along the south east coast of India, consists of a group of 21 small, uninhabited islands along a 170 km stretch between Tuticorin and Rameshwaram (08° 35' N 78° 08' E to 09° 25' N 79° 30' E). The area of GoM under the Indian EEZ is about 15,000 sq. km, where commercial fishing takes place in about 5000 sq. km (up to 50 m depth). The depth of GoM beyond the island chain ranges from 3.5 – 15.0 m with a precipitous drop. It is known to harbour marine biodiversity of global significance falling within the Indo-Malayan realm, the world's richest region from a marine biodiversity perspective. The biosphere reserve includes micro-ecosystems such as coral reefs (fringing coral reefs and patch reefs), sea grass beds, seaweeds, rocks, vast patches of mangroves, etc each supporting its own characteristic community structure and zonation. These ecosystems support a wide spectrum of flora and fauna of taxonomic and economic importance. Amongst them are coral reefs and associated tropical fish, sponges, gorgonids, holothurians, pearl banks, chank beds, hemichordates, sea horses, marine turtles and the unique endangered herbivorous marine mammal, the dugong.

In the latter half of the twentieth century, the attention of scientists and policy makers was drawn to the impact of anthropogenic activities (such as fishing, the destruction of coral reefs to produce lime and pollution) on the health of the sensitive and fragile ecosystems in the GoM. In 1976, based on the results of a scientific study, the Government of India proposed that the GoM area be declared a national park because of its unique ecosystems and species richness. The Government of Tamil Nadu created the Gulf of Mannar National Park (GoMNP) in 1986, with a total area of 560 sq km, under the Wildlife (Protection) Act (WLPA), 1972. The WLPA does not allow any kind of extractive use inside the national park, thus effectively making it a 'no take' zone. The area also attracted international attention and as a result, on 18th February 1989, under the UNESCO's Man and Biosphere (MAB) programme, the Gulf of Mannar Marine Biosphere Reserve (GoMMBR) was created through a notification issued by the Union Ministry of Environment and Forests. The reserve was designated as one of the six areas chosen by the UNESCO on the basis of severity and diversity of threats on one hand and richness of biological wealth on the other. The GoMMBR was set up with the broad objectives of conserving ecosystems, providing long-term in situ conservation of genetic diversity and promoting basic applied research including education and training. The GoMMBR was the first marine biosphere reserve in South and Southeast Asia. According to the notification, the GoMMBR covers an area of 10,500 sq km, running parallel to the mainland to a distance of about 170 nautical miles. It includes the GoMNP as the core area, in addition to 21 small islands (Map on page 126), between Pamban Island in the north and Tuticorin in the south. The buffer zone includes the immediate sea between the islands and the remaining waters in the Tuticorin – Kanyakumari belt. The boundaries of GoMMBR are the coast line between Mandapam and Kanyakumari on the western side, the coast line along Mandapam and Rameswaram Island on the northern side, the Sri Lankan side of Gulf of Mannar on the eastern side and the Indian Ocean on the southern side. The International Union for Conservation of Nature (IUCN) Commission on National Parks and Protected Areas with the assistance of UNEP, UNESCO and WWF has identified this reserve as being an area of particular concern given its diversity and special multiple-use management status. The Gulf of Mannar deserves the status of being the jewel in the crown of the marine and coastal wealth of India.

The conservation and sustainable use of marine resources in the GoM requires a thorough knowledge of resident flora and fauna and their systematic documentation and cataloguing. Among Asian countries, India is perhaps the only one with a long record of inventories of coastal and marine biodiversity dating back two centuries (Venkataraman, 2002). Although several studies have been conducted on the flora and fauna of the GoM (mostly on specific classes) by the Central Marine Fisheries Research Institute, Mandapam Centre and Zoological Survey of India Marine Biological Station Chennai (see reviews by Easterson et al., (1998); Patterson Edward (2001); Nammalwar and Edwin (2002) and Venkataraman et al. (2002)), there has not been a concerted effort to bring out a checklist of macro flora and fauna of this region. Such a compilation will help in developing baseline information which is essential for designing appropriate management strategies for sustainable production, besides conserving the marine biodiversity.

Keeping this in view, NBFGR has prepared a checklist of macro flora and fauna (Defined for the purposes of this checklist as plants and animals whose shortest dimension is greater than or equal to 1.0 mm and large enough to be seen by the naked eye) distributed in the GoM. The book contains a detailed list of species distributed in the GoM, a group-wise summary of which (3167 species) is given in Table 1. The list was compiled from various secondary sources and also based on collections during field trips to the GoM area for the period of 2002 - 2011. Sincere efforts have been made to keep up with changes in taxonomy and common names have been provided wherever possible. Many previous checklists contain names that are currently in the synonymy of other species. Wherever possible, we have indicated this by listing synonyms in brackets. Several endemic species in different phyla have been reported from the GoM region in earlier studies, but many have been subsequently reported from other marine ecosystems across the world. Hence, such a status is not assigned to any species in the present compilation. Cyanobacteria, halophytes and mangroves are beyond the scope of this compilation. We hope to address this in the future. It is hoped that the checklist will help to open new vistas of conservation and sustainable use of resources of the Gulf of Mannar.

Table 1: Summary of Macro Flora & Fauna in the Gulf of Mannar

List of Macro fauna of Gulf of Mannar Biosphere Reserve (3030 Species)

- A. Phylum Chordata (733 species)
 - Sub-Phylum Craniata
 - A1. Class Mammalia (17 species)
 - A2. Class Reptilia (25 species)
 - A3. Class Chondrichthyes (54 species)
 - A4. Class Osteichthyes (531 species)
 - Sub-Phylum Cephalochordata
 - A5. Class Leptocardii (6 species)
 - Sub-Phylum Urochordata
 - A6. Class Ascidiacea (94 species)
 - A7. Class Appendicularia (1 species)
 - A8. Class Thaliacea (5 species)
- B. Phylum Hemichordata (3 species)
 - B1. Class Enteropneusta (3 species)
- C. Phylum Echinodermata (239 species)
 - C1. Class Asteroidea (56 species)
 - C2. Class Crinoidea (23 species)
 - C3. Class Echinoidea (51 species)
 - C4. Class Holothuroidea (57 species)
 - C5. Class Ophiuroidea (52 species)
- D. Phylum Arthropoda (612 species)
 - D1. Class Malacostraca (340 species)
 - D2. Class Maxillopoda (229 species)
 - D3. Class Ostracoda (35 species)
 - D4. Class Insecta (8 species)
- E. Phylum Mollusca (671 species)
 - E1 Class Bivalvia (200 species)
 - E2 Class Cephalopoda (23 species)
 - E3 Class Gastropoda (434 species)
 - E4 Class Polyplacophora (10 species)
 - E5 Class Scaphopoda (4 species)
- F. Phylum Annelida (69 species)
 - F1. Class Polychaeta (69 species)
- G. Phylum Chaetognatha (15 species)
 - G1. Class Sagittoidea (15 species)
- H. Phylum Cnidaria (277 species)
 - H1. Class Anthozoa (227 species)

- H2. Class Hydrozoa (48 species)
- H3. Class Scyphozoa (2 species)
- I. Phylum Ctenophora (1 species)
 - I1. Class Tentaculata (1 species)
- J. Phylum Bryozoa (143 species)
 - J1. Class Gymnolaemata (139 species)
 - J2. Class Stenolaemata (4 species)
- K. Phylum Porifera (267 species)
 - K1. Class Desmospongiae (267 species)

List of Macro flora of Gulf of Mannar Biosphere Reserve (137 Species)

- L. Sea weeds (125 species)
 - L1. Class Bangiophyceae (1 species)
 - L2. Class Compsopogonophyceae (3 species)
 - L3. Class Florideophyceae (57 species)
 - L4. Class Phaeophyceae (36 species)
 - L5. Class Ulvophyceae (28 species)
- M. Sea grasses (12 species)
 - M1. Class Liliopsida (12 species)

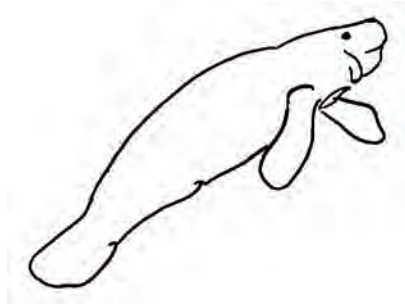
Total Species (Macro flora and fauna) : 3167 species

Kingdom
Animalia

Phylum
Chordata

Class
Mammalia

Mammals in the GoM include 16 species of whales and dolphins and the dugong. The latter is the only herbivore that is strictly marine and the only surviving representative of a once widespread family. While whales and dolphins occupy deeper waters, dugongs are dependent on sea grass beds for food and are thus restricted to shallow coastal waters. All species are protected by law.



Order
Cetacea

Family	Species
Balaenopteridae	
<i>Balaenoptera borealis</i> Lesson, 1828	Sei whale
<i>Balaenoptera edeni</i> Anderson, 1879	Bryde's whale
<i>Balaenoptera musculus</i> (Linnaeus, 1758)	Blue whale
<i>Balaenoptera physalus</i> (Linnaeus 1758)	Fin whale
Delphinidae	
<i>Delphinus delphis</i> Linnaeus, 1758	Saddle-back dolphin
<i>Globicephala melas</i> (Traill, 1809)	Long finned pilot whale
<i>Globicephala macrorhynchus</i> Gray, 1846	Indian pilot whale
<i>Neophocaena phocaenoides</i> (Cuvier, 1829)	Finless porpoise
<i>Peponocephala electra</i> (Gray, 1846)	Melon-headed whale
<i>Pseudorca crassidens</i> (Owen, 1846)	False killer whale
<i>Sousa chinensis</i> (Osbeck, 1765)	Hump-back dolphin
<i>Stenella attenuata</i> (Gray, 1846)	Pantropical spotted dolphin
<i>Stenella longirostris</i> (Gray, 1828)	Spinner dolphin
<i>Tursiops aduncus</i> (Ehrenberg, 1833)	Indo-Pacific bottlenose dolphin
<i>Tursiops truncatus</i> (Montagu, 1821)	Bottlenose dolphin
Physeteridae	
<i>Physeter macrocephalus</i> Linnaeus, 1758	Sperm whale

Order
Sirenia

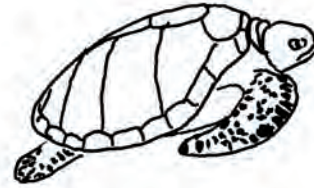
Family	Species
Dugongidae	
<i>Dugong dugon</i> (Muller, 1776)	Dugong

Kingdom
Animalia

Phylum
Chordata

Class
Reptilia

Reptiles in the GoM include sea turtles and sea snakes. Adult sea turtles are omnivores or herbivores and found in proximity to coral reefs or sea grass beds. Despite being critically endangered and protected by the law, sea turtles continue to be hunted for food. Sea snakes include some of the most venomous species. All species are entirely marine and ovoviviparous except those of the genus *Laticauda*, which are oviparous and come ashore to lay eggs.



Order

Squamata

Family

Species

Elapidae

Enhydrina schistosa (Daudin, 1803)
Kerilia jerdoni Gray, 1849
Laticauda laticaudata (Linnaeus, 1758)
Laticauda colubrina (Schneider, 1799)
Pelamis platura Linnaeus, 1756
Praescutata viperina (Schmidt, 1852)
Astrotia stokesii (Gray, 1846)

Hook nosed sea snake
Jerdon's sea snake
Blue lipped sea krait
Yellow lipped sea krait
Yellowbelly Sea Snake
Viperine sea snake
Stokes' sea snake

(Hydrophiidae)

Hydrophis nigrocinctus Daudin, 1803
Hydrophis spiralis (Shaw, 1802)
Hydrophis obscurus Daudin, 1803
Hydrophis cyanocinctus Daudin, 1803
Hydrophis stricticollis Gunther, 1864
Hydrophis ornatus (Gray, 1842)
Hydrophis lapemoides (Gray, 1849)
Hydrophis mammilaris (Daudin, 1803)
Polyodontognathus caeruleus Shaw, 1802
Hydrophis fasciatus (Schneider, 1799)
Lapemis curtus (Shaw, 1802)
Microcephalophis gracilis (Shaw, 1802)
Microcephalophis cantoris Gunther, 1864

Black banded sea snake.
Yellow sea snake
Estuarine sea snake
Annulated sea snake
Collared sea snake
Ornate sea snake
Arabian Gulf sea snake
Bombay Sea snake
Many-Toothed sea snake
Banded sea snake
Short sea snake
Common small headed sea snake
Cantor's small-headed sea snake

Order

Testudines

Family

Species

Cheloniidae

Caretta caretta (Linnaeus, 1758)
Chelonia mydas (Linnaeus, 1758)
Eretmochelys imbricata (Linnaeus, 1766)
Lepidochelys olivacea (Eschscholtz, 1829)

Loggerhead turtle
Green turtle
Hawksbill turtle
Olive Ridley turtle

Dermochelyidae

Dermochelys coriacea (Vandelli, 1761)

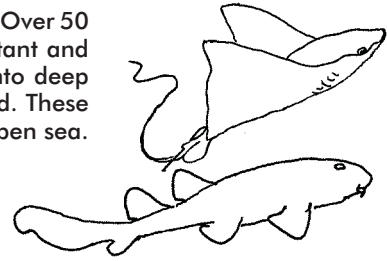
Leatherback turtle

Kingdom
Animalia

Phylum
Chordata

Class
Chondrichthyes

This group includes species commonly called sharks, rays and skates. Over 50 species are reported from the GoM. Many are commercially important and have been exploited to the extent where populations have gone into deep decline. Some, like the sawfish, are considered critically endangered. These fish occupy habitats that range from shallow coastal waters to the open sea. The biology of many species is still poorly understood.



Order

Carcharhiniformes

Family

Species

Carcharinidae

Carcharhinus brevipinna (Muller & Henle, 1839)
Carcharhinus dussumieri (Muller & Henle, 1839)
Carcharhinus falciformis (Muller & Henle, 1839)
Carcharhinus hemiodon (Muller & Henle, 1839)
Carcharhinus limbatus (Muller & Henle, 1839)
Carcharhinus longimanus (Poey, 1861)
Carcharhinus macloti (Muller & Henle, 1839)
Carcharhinus melanopterus (Quoy & Gaimard, 1824)
Carcharhinus sorrah (Muller & Henle, 1839)
Chaenogaleus macrostoma (Bleeker, 1852)
Galeocerdo cuvieri (Peron & Lesueur, 1822)
Rhizoprionodon acutus (Ruppell, 1837)
Scoliodon laticaudus Muller & Henle, 1838

Spinner shark
Whitecheek shark
Silky Shark
Pondichery shark
Blacktip shark
Oceanic white tip shark

Proscylliidae

Eridacnis radcliffei Smith, 1913

Blacktip reef shark
Spot-tail shark
Hook tooth shark
Tiger shark
Milk shark
Spadenose shark

Scyliorhinidae

Bythaelurus hispidus (Alcock, 1891)

Pygmy ribbontail catshark

Sphyrnidae

Eusphyra blochii (Cuvier, 1816)
Loxodon macrorhinus Muller & Henle, 1839
Sphyrna zygaena (Linnaeus, 1758)

Wing head shark
Slit eye shark
Smooth hammer head shark

Triakidae

Iago omanensis (Norman, 1939)

Bigeye houndshark

Order

Echinorhiniformes

Family

Species

Echinorhinidae

Echinorhinus brucus (Bonaterre, 1788)

Bramble shark

Order

Lamniformes

Family

Species

Alopiidae

Alopias pelagicus Nakamura, 1935
Alopias superciliosus Lowe, 1841
Alopias vulpinus (Bonaterre, 1788)

Pelagic thresher
Bigeye thresher
Thresher shark

Kingdom
Animalia

Phylum
Chordata

Class
Chondrichthyes

Family Species

Lamnidae

Isurus oxyrinchus Rafinesque, 1810

Shortfin mako

Pseudocarchariidae

Pseudocarcharias kamoharai (Matsubara, 1936)

Crocodile shark

Sphyrnidae

Eusphyra blochii (Cuvier, 1816)

Wing head shark

Loxodon macrorhinus Muller & Henle, 1839

Slit eye shark

Sphyrna zygaena (Linnaeus, 1758)

Smooth hammerhead shark

Order

Orectolobiformes

Family Species

Hemiscylliidae

Chiloscyllium griseum Muller & Henle, 1838

Grey bambooshark

Chiloscyllium indicum (Gmelin, 1789)

Slender bambooshark

Ginglymostomamatidae

Nebrius ferrugineus (Lesson, 1831)

Giant sleepy shark

Rhincodontidae

Rhincodon typus Smith, 1828

Whale shark

Stegostomatidae

Stegostoma fasciatum (Hermann, 1783)

Zebra shark

Order

Rajiformes

Family Species

Dasyatidae

Dasyatis zugei (Muller & Henle, 1841)

Pale-edged stingray

Himantura imbricata (Bloch & Schneider, 1801)

Scale whip ray

Himantura marginata (Blyth, 1860)

Blackedge whip ray

Himantura uarnacoides (Bleeker, 1852)

Bleekers's whip ray

Himantura uarnak (Gmelin, 1789)

Honey comb stingray

Neotrygon kuhlii (Muller & Henle, 1841)

Blue spotted stingray

Pastinachus sephen (Forsskal, 1775)

Cowtail stingray

Urogymnus asperrimus (Bloch & Schneider, 1801)

Gymnuridae

Gymnura micrura (Bloch & Schneider, 1801)

Smooth butterfly fish

Gymnura poecilura (Shaw, 1804)

Long-tailed butterfly fish

Mobulidae

Manta birostris (Walbaum, 1792)

Giant manta

Mobula mobular (Bonnaterre, 1788)

Longhorned mobula

Kingdom
Animalia

Phylum
Chordata

Class
Chondrichthyes

Family Species

Myliobatidae

Aetobatus narinari (Euphrasen, 1790)
Aetobatus flagellum (Bloch & Schneider, 1801)
Aetomylaeus maculatus (Gray, 1834)
Aetomylaeus nichofii (Bloch & Schneider, 1801)
Rhinoptera javanica Muller & Henle, 1841

Spotted eagle ray
Long headed eagle ray
Mottled eagle ray
Banded eagle ray
Flapnose ray

Pristidae

Anoxypristis cuspidata (Latham, 1794)

Pointed sawfish

Rhinobatidae

Rhina ancylostoma Bloch & Schneider, 1801
Rhinobatos granulatus Cuvier, 1829
Rhinobatos variegatus Nair & Lal Mohan, 1973
Rhynchobatus djiddensis (Forsskal, 1775)

Bowmouth Guitarfish
Granulated shovelnose ray
Giant Guitarfish

Order

Squaliformes

Family Species

Centrophoridae

Centrophorus atromarginatus Garman, 1913
Centrophorus moluccensis Bleeker, 1860

Dwarf gulper shark
Small fin gulper shark

Order

Torpediniformes

Family Species

Narcinidae

Narcine brunnea Annandale, 1909
Narcine timplei (Bloch & Schneider, 1801)
Narke dipterygia (Bloch & Schneider, 1801)

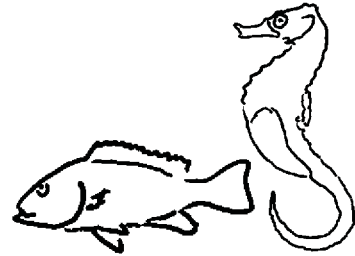
Brown numb fish
Spotted numb fish
Numb ray

Kingdom
Animalia

Phylum
Chordata

Class
Osteichthyes

Commonly called “bony fish”, they represent the largest class of vertebrates in the world. Over 500 species are reported from the GoM, and many are of critical importance to fisheries. It is very likely the number of species is far greater than what is currently reported, with new species continuing to be described. The GoM is also home to 7 species of sea horse, all of which are endangered.



Order

Anguilliformes

Family Species

Congridae

Ariosoma anago (Temminck & Schlegel, 1846)
Conger cinereus Ruppell, 1830
Uroconger lepturus (Richardson, 1845)

Moringuidae

Moringua bicolor Kaup, 1856

Muraenidae

Echidna nebulosa (Ahl, 1789)
Echidna xanthospilos (Bleeker, 1859)
Gymnothorax undulatus (Lacepede, 1803)
Gymnothorax rueppellii (McClelland, 1844)
Gymnothorax favagineus Bloch & Schneider, 1801
Gymnothorax pictus (Ahl, 1789)
Gymnothorax thyrsoideus (Richardson, 1845)
Gymnomuraena zebra (Shaw, 1797)
Uropterygius concolor Ruppell, 1838
Uropterygius marmoratus (Lacepede, 1803)

Ophichthyidae

Leiuranus semicinctus (Lay & Bennett, 1839)
Ophichthus altipennis (Kaup, 1856)
Ophichthus apicalis ([Bennett], 1830)
Ophichthus polyophthalmus Bleeker, 1864

Silvery conger
Long fin African conger
Slender conger

Black tailed thread eel

Snowflake moray
Murray eels
Undulated moray

Banded moray
Reticulate moray
Peppered moray

Slender moray
Zebra morray
Unicolor snake moray
Marbled reef-eel

Saddled snake-eel
Highfin snake eel
Bluntnose snake-eel
Many-eyed snake-eel

Order

Beloniformes

Family Species

Belonidae

Ablennes hians (Valenciennes, 1846)
Strongylura leiura (Bleeker, 1850)
Strongylura strongylura (van Hasselt, 1823)
Tylosaurus appendiculatus (Klunzinger, 1871)
Tylosurus acus (Lacepede, 1803)
Tylosurus crocodilus (Péron & Lesueur, 1821)

Flat needlefish
Banded needlefish
Spottail needlefish

Agujon needlefish
Hound fish

Kingdom
Animalia

Phylum
Chordata

Class
Osteichthyes

Family	Species	
Exocoetidae	<i>Cheilopogon spilopterus</i> (Valenciennes, 1847) <i>Cypselurus comatus</i> (Mitchill, 1815) <i>Exocoetus volitans</i> Linnaeus, 1758	Manyspotted flyingfish Clearwing flying fish Tropical two-wing flyingfish
Hemiramphidae	<i>Hemiramphus far</i> (Forsskal, 1775) <i>Hemiramphus lutkei</i> Valenciennes, 1847 <i>Rhynchorhamphus georgii</i> (Valenciennes, 1847)	Black-barred halfbeak Yellowtip halfbeak Long Billed Half Beak

Order
Beryciformes

Family	Species	
Holocentridae	<i>Myripristis murdjan</i> (Forsskal, 1775) Blotcheye soldierfish <i>Sargocentron rubrum</i> (Forsskal, 1775) Red coat	

Order
Clupeiformes

Family	Species	
Albulidae	<i>Albula vulpes</i> (Linnaeus, 1758)	Bone fish
Alepocephalidae	<i>Alepocephalus blanfordii</i> Alcock, 1892	Blanford's naked head
Chanidae	<i>Chanos chanos</i> (Forsskal, 1775)	Milkfish
Chauliodontidae	<i>Chauliodus sloani</i> Bloch & Schneider, 1801	Sloane's viperfish
Chirocentridae	<i>Chirocentrus dorab</i> (Forsskal, 1775) <i>Chirocentrus nudus</i> Swainson, 1839	Dorab wolf-herring Whitefin wolf-herring
Clupeidae	<i>Amblygaster clupeoides</i> Bleeker, 1849 <i>Amblygaster sirm</i> (Walbaum, 1792) <i>Escualosa thoracata</i> (Valenciennes, 1847) <i>Hilsa kelee</i> (Cuvier, 1829) <i>Ilisha elongata</i> (Bennett, 1830) <i>Ilisha megaloptera</i> (Swainson, 1839) <i>Ilisha melastoma</i> (Bloch & Schneider, 1801) <i>Opisthopterus tardoore</i> (Cuvier, 1829) <i>Pellona ditchela</i> Valenciennes, 1847 <i>Raconda russeliana</i> Gray, 1831 <i>Sardinella albella</i> (Valenciennes, 1847)	Smoothbelly sardinella Spotted sardinella White sardine Kelee shad Elongate ilisha Big eye ilisha Indian ilisha Tardoore Toothed shad Raconda White sardinella

Kingdom
Animalia

Phylum
Chordata

Class
Osteichthyes

Family	Species	
	<i>Sardinella fimbriata</i> (Valenciennes, 1847)	Fringescale Sardinella
	<i>Sardinella gibbosa</i> (Bleeker, 1849)	Gold stripe sardinella
	<i>Sardinella jussieu</i> (Lacepede, 1803)	Mauritian sardinella
	<i>Sardinella longiceps</i> Valenciennes, 1847	Indian oil sardine
	<i>Sardinella melanura</i> (Cuvier, 1829)	Blacktip Sardinella
	<i>Tenualosa ilisha</i> (Hamilton, 1822)	Hilsa shad
	<i>Tenualosa toli</i> (Valenciennes, 1847)	Toli shad
Dorosomidae		
	<i>Anodontostoma chacunda</i> (Hamilton, 1822)	Chacunda gizzard shad
	<i>Nematalosa nasus</i> (Bloch, 1795)	Bloch's gizzard sha
Dussumieridae		
	<i>Dussumieria acuta</i> Valenciennes, 1847	Rainbow sardine
	<i>Dussumieria elopsoides</i> Bleeker, 1849	Slender rainbow sardine
Elopidae		
	<i>Elops machnata</i> (Forsskal, 1775)	Ten pounder
	<i>Megalops cyprinoides</i> (Broussonet, 1782)	Indo Pacific tarpons
Engraulidae		
	<i>Coilia dussumieri</i> Valenciennes, 1848	Goldspotted grenadier anchovy
	<i>Encrasicholina devisi</i> (Whitley, 1940)	Devis' anchovy
	<i>Encrasicholina heteroloba</i> (Ruppell, 1837)	Shorthead anchovy
	<i>Setipinna taty</i> (Valenciennes, 1848)	Hair-fin anchovy
	<i>Stolephorus baganensis</i> Hardenberg, 1933	Bagan anchovy
	<i>Stolephorus commersonii</i> Lacepede, 1803	Commerson's anchovy
	<i>Stolephorus indicus</i> (van Hasselt, 1823),	Indian anchovy
	<i>Stolephorus tri</i> (Bleeker, 1852)	Spined anchovy
	<i>Stolephorus waitei</i> Jordan & Seale, 1926	Waite's anchovy
	<i>Thryssa dussumieri</i> (Valenciennes, 1848)	Dussumier's thryssa
	<i>Thryssa malabarica</i> (Bloch, 1795)	Malabar thryssa
	<i>Thryssa mystax</i> (Bloch & Schneider, 1801)	Mustached anchovy
	<i>Thryssa purava</i> (Hamilton, 1822)	Oblique-jaw thryssa
	<i>Thryssa setirostris</i> (Broussonet, 1782)	Long-horned anchovy
Stomiidae		
	<i>Stomias nebulosus</i> Alcock, 1889	Alcock's boafish

Order
Echeneiformes

Family	Species	
Echeneidae		
	<i>Echeneis naucrates</i> Linnaeus, 1758	Live sharksucker
	<i>Remora remora</i> (Linnaeus, 1758)	Shark sucker

Kingdom
Animalia

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Class
Osteichthyes

Order
Gadiformes

Family	Species
Centriscidae	
<i>Centriscus scutatus</i> Linnaeus, 1758	Grooved razor fish
Gadidae	
<i>Physiculus argyropastus</i> Alcock, 1894	Mannar cod
Solenostomidae	
<i>Solenostomus paradoxus</i> (Pallas, 1770)	Ornate ghost pipe fish

Order
Mugiliformes

Family	Species
Mugilidae	
<i>Chelon parsia</i> (Hamilton, 1822)	Gold spot mullet
<i>Ellochelon vaigiensis</i> (Quoy & Gaimard, 1825)	Square tail mullet
<i>Liza macrolepis</i> (Smith, 1846)	Large scale mullet
<i>Mugil cephalus</i> Linnaeus, 1758	Grey mullet
Sphyraenidae	
<i>Sphyraena acutipinnis</i> Day, 1876	Sharp fin barracuda
<i>Sphyraena barracuda</i> (Edwards, 1771)	Great barracuda
<i>Sphyraena forsteri</i> Cuvier, 1829	Big eye barracuda
<i>Sphyraena jello</i> Cuvier, 1829	Pick handle barracuda
<i>Sphyraena obtusata</i> Cuvier, 1829	Obtuse barracuda

Order
Perciformes

Family	Species
Acanthuridae	
<i>Acanthurus gahm</i> (Forsskal, 1775)	Brown surgeonfish
<i>Acanthurus leucosternon</i> Bennett, 1833	Powder-blue surgeonfish
<i>Acanthurus lineatus</i> (Linnaeus, 1758)	Blue banded surgeonfish
<i>Acanthurus mata</i> (Cuvier, 1829)	Elongate surgeonfish
<i>Ctenochaetus strigosus</i> (Bennett, 1828)	Spotted surgeonfish
<i>Naso brevirostris</i> (Cuvier, 1829)	Spotted unicornfish
<i>Naso tuberosus</i> Lacepede, 1801	Humpnose unicornfish
<i>Naso unicornis</i> (Forsskal, 1775)	Bluespine unicornfish
<i>Zebrasoma veliferum</i> (Bloch, 1795)	Sailfin surgeonfish
Ambassidae	
<i>Ambassis ambassis</i> (Lacepede, 1802)	Commerson's glassy perchlet
<i>Ambassis gymnocephalus</i> (Lacepede, 1802)	Bald glassy perchlet
Ammodytidae	
<i>Bleekeria murtii</i> Joshi <i>et al.</i> , 2012	

Kingdom
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Class
Osteichthyes

Family	Species	
Aploactinidae		
	<i>Paraploactis taprobanensis</i> (Whitley, 1933)	Mannar velvetfish
Apogonidae		
	<i>Apogon kallopterus</i> Bleeker, 1856	
	<i>Apogon oxina</i> Fraser, 1999	
	<i>Apogon septemstriatus</i> Gunther, 1880	Sevenband cardinal fish
	<i>Cheilodipterus quinquelineatus</i> Cuvier, 1828	Five-lined cardinal fish
	<i>Nectamia savayensis</i> (Gunther, 1872)	Samoan cardinal fish
	<i>Ostorhinchus aureus</i> (Lacepede, 1802)	Ring-tailed cardinal fish
	<i>Ostorhinchus endekataenia</i> (Bleeker, 1852)	Candystripe cardinal fish
	<i>Ostorhinchus fasciatus</i> (White, 1790)	
	<i>Zoramia leptacantha</i> (Bleeker, 1856)	Threadfin cardinal fish
Blennidae		
	<i>Ecsenius frontalis</i> (Valenciennes, 1836)	Smooth-fin blenny
	<i>Entomacrodus striatus</i> (Valenciennes, 1836)	Reef margin blenny
	<i>Omobranchus elongatus</i> (Peters, 1855)	Cloister blenny
	<i>Petroscirtes breviceps</i> (Valenciennes, 1836)	Striped poison fangblenny
	<i>Petroscirtes variabilis</i> Cantor, 1849	Variable sabretooth blenny
	<i>Salarias fasciatus</i> (Bloch, 1786)	Jewelled blenny
Bythitidae		
	<i>Hepthocara simum</i> Alcock, 1892	Snubnosed blindfish
Caesioididae		
	<i>Caesio caerulea</i> Lacepede, 1801	Scissor tailed fusilier
	<i>Pinjalo pinjalo</i> (Bleeker, 1850)	Pinjalo snapper
Callionymidae		
	<i>Callionymus cooperi</i> Regan, 1908	Cooper's dragonet
	<i>Callionymus marleyi</i> Regan, 1919	Sand dragonet
	<i>Callionymus melanopterus</i> Bleeker, 1850	
	<i>Callionymus sagitta</i> Pallas, 1770	Arrow dragonet
	<i>Callionymus schaapii</i> Bleeker, 1852	Short-snout sand-dragonet
	<i>Calliurichthys japonicus</i> (Houttuyn, 1782)	Japanese dragonet
	<i>Synchiropus lineolatus</i> (Valenciennes, 1837)	
Carangidae		
	<i>Alectis ciliaris</i> (Bloch, 1787)	African pompano
	<i>Alectis indica</i> (Ruppell, 1830)	Indian thread fish
	<i>Alepes djedaba</i> (Forsskal, 1775)	Shrimp scad
	<i>Alepes kleinii</i> (Bloch, 1793)	Razorbelly scad
	<i>Alepes melanoptera</i> (Swainson, 1839)	Blackfin scad
	<i>Atropus atropus</i> (Bloch & Schneider, 1801)	Cleftbelly scad
	<i>Atule mate</i> (Cuvier, 1833)	Yellowtail scad
	<i>Carangoides armatus</i> (Ruppell, 1830)	Longfin trevally
	<i>Carangoides bajad</i> (Forsskal, 1775)	Orangespotted trevally
	<i>Carangoides chrysophrys</i> (Cuvier, 1833)	Longnose trevally
	<i>Carangoides coeruleopinnatus</i> (Ruppell, 1830)	Onion trevally
	<i>Carangoides dinema</i> Bleeker, 1851	Shadow trevally

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Class
Osteichthyes

Family	Species
	<i>Carangoides equula</i> (Temminck & Schlegel, 1844)
	<i>Carangoides ferdau</i> (Forsskal, 1775)
	<i>Carangoides fulvoguttatus</i> (Forsskal, 1775)
	<i>Carangoides gymnostethus</i> (Cuvier, 1833)
	<i>Carangoides hedlandensis</i> (Whitley, 1934)
	<i>Carangoides malabaricus</i> (Bloch & Schneider, 1801)
	<i>Carangoides plagiotaenia</i> Bleeker, 1857
	<i>Carangoides talamparoides</i> Bleeker, 1852
	<i>Caranx hippos</i> (Linnaeus, 1766)
	<i>Caranx ignobilis</i> (Forsskal, 1775)
	<i>Caranx lugubris</i> Poey, 1860
	<i>Caranx melampygus</i> Cuvier, 1833
	<i>Caranx papuensis</i> Alleyne & Macleay, 1877
	<i>Caranx sexfasciatus</i> Quoy & Gaimard, 1825
	<i>Caranx tille</i> Cuvier, 1833
	<i>Decapterus russelli</i> (Ruppell, 1830)
	<i>Decapterys macrosoma</i> Bleeker, 1851
	<i>Elagatis bipinnulata</i> (Quoy & Gaimard, 1825)
	<i>Gnathanodon speciosus</i> (Forsskal, 1775)
	<i>Megalaspis cordyla</i> (Linnaeus, 1758)
	<i>Naucrates ductor</i> (Linnaeus, 1758)
	<i>Parastromateus niger</i> (Bloch, 1795)
	<i>Scomberoides commersonianus</i> Lacepede, 1801
	<i>Scomberoides lysan</i> (Forsskal, 1775)
	<i>Scomberoides tala</i> (Cuvier, 1832)
	<i>Scomberoides tol</i> (Cuvier, 1832)
	<i>Selar crumenophthalmus</i> (Bloch, 1793)
	<i>Selaroides leptolepis</i> (Cuvier, 1833)
	<i>Seriolina nigrofasciata</i> (Ruppell, 1829)
	<i>Trachinotus baillonii</i> (Lacepede, 1801)
	<i>Trachinotus blochii</i> (Lacepede, 1801)
	<i>Trachinotus botla</i> (Shaw, 1803)
	<i>Uraspis helvola</i> (Forster, 1801)
	<i>Uraspis secunda</i> (Poey, 1860)
	<i>Uraspis uraspis</i> (Gunther, 1860)
Carapidae	
	<i>Encheliophis homei</i> (Richardson, 1846)
Centropomidae	
	<i>Lates calcarifer</i> (Bloch, 1790)
	<i>Psammoperca waigiensis</i> Cuvier, 1828
Cepolidae	
	<i>Sphenanthias whiteheadi</i> Talwar, 1973
	Whitefin trevally
	Blue trevally
	Yellowspotted trevally
	Bludger
	Bumpnose trevally
	Malabar trevally
	Barcheek trevally
	Imposter trevally
	Black tailed trevally
	Giant trevally
	Black jack
	Bluefin trevally
	Brassy trevally
	Big eye trevally
	Tille trevally
	Indian scad
	Rainbow runner
	Golden trevally
	Torpedo scad
	Pilotfish
	Black pomfret
	Talang queenfish
	Double spotted queen fish
	Barred queen fish
	Needlescaled queenfish
	Big eye scad
	Yellowstripe scad
	Blackbanded trevally
	Small spotted dart
	Snub nose pompano
	Large spotted dart
	Whitemouth jack
	Silver pearlfish
	Barramundi
	Waigieu seaperch
	Indian bandfish

Kingdom
Animalia

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Chordata

Class
Osteichthyes

Family

Species

Chaetodontidae

Chaetodon auriga Forsskal, 1775
Chaetodon collare Bloch, 1787
Chaetodon decussatus Cuvier, 1831
Chaetodon melanotus Bloch & Schneider, 1801
Chaetodon octofasciatus Bloch, 1787
Chaetodon plebeius Cuvier, 1831
Chaetodon trifasciatus Park, 1797
Chaetodon vagabundus Linnaeus, 1758
Chaetodon xanthocephalus Bennett, 1833
Heniochus acuminatus (Linnaeus, 1758)

Threadfin butterflyfish
Redtail butterflyfish

Blackback butterflyfish
Eightband butterflyfish
Blueblotch butterflyfish
Melon butterflyfish
Vagabond butterflyfish
Yellowhead butterflyfish
Pennant coralfish

Cichlidae

Etilopius suratensis (Bloch, 1790)
Oreochromis mossambicus (Peters, 1852)

Pearlspot
Mozambique tilapia

Cirrhitidae

Cirrhitichthys aureus (Temminck & Schlegel, 1842)
Parapercis pulchella (Temminck & Schlegel, 1843)

Yellow hawkfish
Harlequin sandsmelt

Coryphaenidae

Coryphaena equiselis Linnaeus, 1758
Coryphaena hippurus Linnaeus, 1758

Dolphin fish

Dactylopteridae

Dactyloptera orientalis (Cuvier, 1829)

Oriental flying gurnard

Drepanidae

Drepane longimana (Bloch & Schneider, 1801)
Drepane punctata (Linnaeus, 1758)

Spotted sicklefish

Electridae

Asteropteryx semipunctata Ruppell, 1830
Eleotris fusca (Forster, 1801)
Eviota zonura Jordan & Seale, 1906

Starry goby
Dusky sleeper
Naked-headed goby

Ephippidae

Ephippus orbis (Bloch, 1787)

Orbfish

Emmelichthyidae

Dipterygonotus balteatus (Valenciennes, 1830)

Mottled fusilier

Gemplyidae

Gempylus serpens Cuvier, 1829
Lepidocybium flavobrunneum (Smith, 1843)
Neoepinnula orientalis (Gilchrist & von Bonde, 1924)
Promethichthys prometheus (Cuvier, 1832)
Rexea bengalensis (Alcock, 1894)
Ruvettus pretiosus Cocco, 1833
Thyrsitoides marleyi Fowler, 1929

Snake mackerel

Sackfish
Roudi escolar

Oilfish
Black snoek

Gerridae

Gerres erythrurus (Bloch, 1791)
Gerres filamentosus Cuvier, 1829

Deep body mojarra
Whip fin silver biddy

Kingdom
Animalia

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Class
Osteichthyes

Family	Species	
	<i>Gerres oyena</i> (Forsskal, 1775)	Common silver biddy
	<i>Gerres setifer</i> (Hamilton, 1822)	Small scaled Bengal silver biddy
	<i>Pentaprion longimanus</i> (Cantor, 1849)	Long fin mojarra
Gobiidae		
	<i>Acentrogobius masoni</i> (Day, 1873)	Manson's goby
	<i>Acentrogobius nebulosus</i> (Forsskal, 1775)	Shadow goby
	<i>Callogobius hasseltii</i> (Bleeker, 1851)	Hasselt's goby
	<i>Oligolepis nijsseni</i> (Menon & Govindan, 1977)	Sharptail goby
	<i>Parachaeturichthys polynema</i> (Bleeker, 1853)	Taileyed goby
	<i>Pleurosicya bilobata</i> (Koumans, 1941)	Bilobed ghost goby
	<i>Priolepis semidoliata</i> (Valenciennes, 1837)	Half-barred goby
	<i>Psammogobius biocellatus</i> (Valenciennes, 1837)	Sleepy goby
	<i>Pseudogobius javanicus</i> (Bleeker, 1856)	Spotfin snouted goby
Haemulidae		
	<i>Diagramma pictum</i> (Thunberg, 1792)	Painted sweetlips
Histiophoridae		
	<i>Istiompax indica</i> (Cuvier, 1832)	Black marlin
	<i>Istiophorus platypterus</i> (Shaw, 1792)	Indo-Pacific sailfish
	<i>Makaira nigricans</i> Lacepede, 1802	Blue marlin
	<i>Xiphias gladius</i> Linnaeus, 1758	Swordfish
Kurtidae		
	<i>Kurtus indicus</i> Bloch, 1786	Indian hump head
Kyphosidae		
	<i>Kyphosus cinerascens</i> (Forsskal, 1775)	Blue sea chub
	<i>Kyphosus vaigiensis</i> (Quoy & Gaimard, 1825)	Brassy chub
Labridae		
	<i>Cheilinus chlorourus</i> (Bloch, 1791)	Floral wrasse
	<i>Cheilinus trilobatus</i> Lacepede, 1801	Tripletail wrasse
	<i>Cheilinus undulatus</i> Ruppell, 1835	Humphead wrasse
	<i>Cheilio inermis</i> (Forsskal, 1775)	Cigar wrasse
	<i>Coris cuvieri</i> (Bennett, 1831)	
	<i>Coris formosa</i> (Bennett, 1830)	Queen coris
	<i>Epibulus insidiator</i> (Pallas, 1770)	Sling-jaw wrasse
	<i>Gomphosus caeruleus</i> Lacepede, 1801	Green birdmouth wrasse
	<i>Halichoeres leucurus</i> (Walbaum, 1792)	Silty wrasse
	<i>Halichoeres nigrescens</i> (Bloch & Schneider, 1801)	Bubblefin wrasse
	<i>Hemigymnus fasciatus</i> (Bloch, 1792)	Barred thicklip
	<i>Hologymnosus annulatus</i> (Lacepede, 1801)	Ring wrasse
	<i>Iniistius pavo</i> (Valenciennes, 1840)	Peacock wrasse
	<i>Oxycheilinus digramma</i> (Lacepede, 1801)	Cheeklined wrasse
	<i>Stethojulis balteata</i> (Quoy & Gaimard, 1824)	Belted wrasse
	<i>Stethojulis interrupta</i> (Bleeker, 1851)	Cutribbon wrasse
	<i>Stethojulis trilineata</i> (Bloch & Schneider, 1801)	Threeline rainbowfish
	<i>Thalassoma hardwicke</i> (Bennett, 1830)	Six bar wrasse
	<i>Thalassoma lunare</i> (Linnaeus, 1758)	Moon wrasse

Kingdom
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Class
Osteichthyes

Family	Species	
	<i>Thalassoma purpurum</i> (Forsskal, 1775)	Surge wrasse
Lactariidae		
	<i>Lactarius lactarius</i> (Bloch & Schneider, 1801)	False Trevally
Leiognathidae		
	<i>Aurigequula fasciata</i> (Lacepede, 1803)	Striped ponyfish
	<i>Aurigequula longispina</i> (Valenciennes, 1835)	Longspine ponyfish
	<i>Equulites leuciscus</i> (Gunther, 1860)	Whip fin pony fish
	<i>Equulites lineolatus</i> (Valenciennes, 1835)	
	<i>Eubleekeria jonesi</i> (James, 1971)	Jone's pony fish
	<i>Eubleekeria splendens</i> (Cuvier, 1829)	Splendid ponyfish
	<i>Gazza achlamys</i> Jordan & Starks, 1917	Smalltoothed ponyfish
	<i>Gazza minuta</i> (Bloch, 1795)	Tooth pony
	<i>Karalla daura</i> (Cuvier, 1829)	Goldstripe pony fish
	<i>Karalla dussumieri</i> (Valenciennes, 1835)	Dussumier's pony fish
	<i>Leiognathus berbis</i> (Valenciennes, 1835)	Berber ponyfish
	<i>Leiognathus brevis</i> (Valenciennes, 1835)	Sortnose ponyfish
	<i>Leiognathus equulus</i> (Forsskal, 1775)	Common pony fish
	<i>Nuchequula blochii</i> (Valenciennes, 1835)	Bloch's pony fish
	<i>Photopectoralis bindus</i> (Valenciennes, 1835)	Orangefin pony fish
	<i>Secutor insidiator</i> (Bloch, 1787)	Pugnose ponyfish
	<i>Secutor ruconius</i> (Hamilton, 1822)	Deep Pugnose ponyfish
Lethrinidae		
	<i>Lethrinus harak</i> (Forsskal, 1775)	Blackspot emperor
	<i>Lethrinus lentjan</i> (Lacepede, 1802)	Pink ear emperor
	<i>Lethrinus mahsena</i> (Forsskal, 1775)	Sky emperor
	<i>Lethrinus microdon</i> Valenciennes, 1830	Long nose emperor
	<i>Lethrinus miniatus</i> (Forster, 1801)	Sweet lip emperor
	<i>Lethrinus nebulosus</i> (Forsskal, 1775)	Spangled emperor
	<i>Lethrinus obsoletus</i> (Forsskal, 1775)	Yellow stripe emperor
	<i>Lethrinus ornatus</i> Valenciennes, 1830	Ornate emperor
	<i>Lethrinus variegatus</i> Valenciennes, 1830	Variegated emperor
Lobotidae		
	<i>Lobotes surinamensis</i> (Bloch, 1790)	Triple tail
Lutjanidae		
	<i>Aprion virescens</i> Valenciennes, 1830	Green job fish
	<i>Lutjanus bohar</i> (Forsskal, 1775)	Two spot red snapper
	<i>Lutjanus fulvus</i> (Forster, 1801)	Blacktail snapper
	<i>Lutjanus gibbus</i> (Forsskal, 1775)	Humpback red snapper
	<i>Lutjanus kasmira</i> (Forsskal, 1775)	Commo blue stripe snapper
	<i>Lutjanus lutjanus</i> Bloch, 1790	Big eye snapper
	<i>Lutjanus malabaricus</i> (Bloch & Schneider, 1801)	Malabar blood snapper
	<i>Lutjanus quinquelineatus</i> (Bloch, 1790)	Five-lined snapper
	<i>Lutjanus rivulatus</i> (Cuvier, 1828)	Blubberlip snapper
	<i>Lutjanus russellii</i> (Bleeker, 1849)	Moses Perch
	<i>Lutjanus sanguineus</i> (Cuvier, 1828)	Humphead snapper

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Family	Species	
	<i>Lutjanus rivulatus</i> (Cuvier, 1828)	Blubberlip snapper
	<i>Lutjanus russellii</i> (Bleeker, 1849)	Moses Perch
	<i>Lutjanus sanguineus</i> (Cuvier, 1828)	Humphead snapper
	<i>Lutjanus sebae</i> (Cuvier, 1816)	Emperor red snapper
	<i>Pristipomoides typus</i> Bleeker, 1852	Sharptooth job fish
Malacanthidae		
	<i>Malacanthus latovittatus</i> (Lacepede, 1801)	Blue blanquillo
Menidae		
	<i>Mene maculata</i> (Bloch & Schneider, 1801)	Moon fish
Monodactylidae		
	<i>Monodactylus argenteus</i> (Linnaeus, 1758)	Silver moony
Mullidae		
	<i>Parupeneus barberinus</i> (Lacepede, 1801)	Dash-and-dot goatfish
	<i>Parupeneus forsskali</i> (Fourmanoir & Guézé, 1976)	Forsskal's goatfish
	<i>Parupeneus heptacanthus</i> (Lacepede, 1802)	Redspot goatfish
	<i>Parupeneus indicus</i> (Shaw, 1803)	Indian goatfish
	<i>Parupeneus macronemus</i> (Lacepede, 1801)	Cinnabar goatfish
	<i>Parupeneus rubescens</i> (Lacepede, 1801)	Rosy goatfish
	<i>Upeneus japonicus</i> (Houttuyn, 1782)	Bensasi goatfish
	<i>Upeneus luzonius</i> Jordan & Seale, 1907	Dark-barred goatfish
	<i>Upeneus oligospilus</i> Lachner, 1954	Shortfin goatfish
	<i>Upeneus sulphureus</i> Cuvier, 1829	Sulphur goatfish
	<i>Upeneus sundaicus</i> (Bleeker, 1855)	Ochre-banded goatfish
	<i>Upeneus tragula</i> Richardson, 1846	Freckled goatfish
	<i>Upeneus vittatus</i> (Forsskal, 1775)	Yellowstriped goatfish
Nemipteridae		
	<i>Nemipterus bipunctatus</i> (Valenciennes, 1830)	Delagoa threadfin
	<i>Nemipterus furcosus</i> (Valenciennes, 1830)	Fork tailed threadfin bream
	<i>Nemipterus japonicus</i> (Bloch, 1791)	Japanese threadfin bream
	<i>Nemipterus marginatus</i> (Valenciennes, 1830)	Red filament threadfin bream
	<i>Nemipterus mesoprion</i> (Bleeker, 1853)	Mauvelip threadfin bream
	<i>Nemipterus peronii</i> (Valenciennes, 1830)	Notchedfin threadfin bream
	<i>Parascopsis eriomma</i> (Jordan & Richardson, 1909)	
	<i>Scolopsis bimaculata</i> Ruppell, 1828	Thumbprint monocle bram
	<i>Scolopsis vosmeri</i> (Bloch, 1792)	Whitecheek monocle bream
Pempheridae		
	<i>Pempheris malabarica</i> Cuvier, 1831	
	<i>Pempheris mangula</i> Cuvier, 1829	
Pentapodidae		
	<i>Gnathodentex aureolineatus</i> (Lacepede, 1802)	Striped large-eye bream
	<i>Gymnocranius griseus</i> (Temminck & Schlegel, 1843)	Grey large-eye bream
	<i>Monotaxis grandoculis</i> (Forsskal, 1775)	Humpnose big-eye bream
Percophidae		
	<i>Bembrops caudimacula</i> Steindachner, 1876	Opal Fish

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Family	Species	
Peristediidae	<i>Satyrichthys adeni</i> (Lloyd, 1907)	East coast crocodilefish
Platacidae	<i>Platax orbicularis</i> (Forsskal, 1775) <i>Platax teira</i> (Forsskal, 1775) <i>Tripteron orbis</i> Playfair, 1867	Orbicular batfish Longfin batfish African spade fish
Platycephalidae	<i>Cociella crocodilus</i> (Cuvier, 1829) <i>Grammoplites scaber</i> (Linnaeus, 1758) <i>Platycephalus indicus</i> (Linnaeus, 1758) <i>Sorsogona tuberculata</i> (Cuvier, 1829) <i>Suggrundus macracanthus</i> (Bleeker, 1869) <i>Sunagocia carbunculus</i> (Valenciennes, 1833)	Crocodile flathead Rough flathead Bartail flathead Tuberculated flathead Large-spined flathead Papillose flathead
Plectorhynchidae	<i>Plectorhynchus schotaf</i> (Forsskal, 1775) <i>Plectorhynchus diagrammus</i> (Linnaeus, 1758) <i>Plectorhynchus lineatus</i> (Linnaeus, 1758)	Grey sweet lip Striped sweetlips Yellow banded sweetlips
Pomacanthidae	<i>Pomacanthus imperator</i> (Bloch, 1787) <i>Pomacanthus semicirculatus</i> (Cuvier, 1831) <i>Centropyge bispinosus</i> (Gunther, 1860)	Emperor angelfish Semicircle angelfish Rock beauty
Pomacentridae	<i>Abudefduf saxatilis</i> (Linnaeus, 1758) <i>Abudefduf septemfasciatus</i> (Cuvier, 1830) <i>Amphiprion clarkii</i> (Bennet, 1830) <i>Amphiprion nigripes</i> Regan, 1908 <i>Amphiprion ocellaris</i> Cuvier, 1830 <i>Amphiprion polymnus</i> (Linnaeus, 1758) <i>Amphiprion sebae</i> Bleeker, 1853 <i>Chromis ternatensis</i> (Bleeker, 1856) <i>Chrysiptera biocellata</i> (Quoy & Gaimard, 1825) <i>Chrysiptera cyanea</i> (Quoy & Gaimard, 1825) <i>Dascyllus aruanus</i> (Linnaeus, 1758) <i>Dascyllus trimaculatus</i> (Ruppell, 1829) <i>Pomacentrus tripunctatus</i> Cuvier, 1830 <i>Stegastes nigricans</i> (Lacepede, 1802)	Sergeant-major Banded sergeant Clark's clownfish Blackfinned clownfish False percula clownfish Saddleback clownfish Sebae anemonefish Ternate chromis Twinspot damselfish Sapphire devil Whitetail dascyllus Threespot dascyllus Threespot damsel Dusky farmerfish
Pomadasyidae	<i>Pomadasys argenteus</i> (Forsskal, 1775) <i>Pomadasys argyreus</i> (Valenciennes, 1833) <i>Pomadasys furcatus</i> (Bloch & Schneider, 1801) <i>Pomadasys kaakan</i> (Cuvier, 1830) <i>Pomadasys maculatus</i> (Bloch, 1793)	Lined silver grunter Bluecheek silver grunt Banded grunter Javelin grunter Saddle grunt
Priacanthidae	<i>Heteropriacanthus cruentatus</i> (Lacepede, 1801) <i>Priacanthus hamrur</i> (Forsskal, 1775)	Glasseye Bulls eye

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Rachycentridae	<i>Rachycentron canadum</i> (Linnaeus, 1766)	Cobia
Scaridae	<i>Pavoclinus caeruleopunctatus</i> Zsilavec, 2001	Bluespotted klipfish
	<i>Scarus ghobban</i> Forsskal, 1775	Blue-barred parrotfish
	<i>Scarus psittacus</i> Forsskal, 1775	Common parrotfish
	<i>Siganus rivulatus</i> Forsskal & Niebuhr, 1775	Rivulated parrotfish
Scatophagidae	<i>Scatophagus argus</i> (Linnaeus, 1766)	Spotted scat
Sciaenidae	<i>Johnius amblycephalus</i> (Bleeker, 1855)	Bearded croaker
	<i>Johnius dussumieri</i> (Cuvier, 1830)	Sin croaker
	<i>Kathala axillaris</i> (Cuvier, 1830)	Kathala croaker
	<i>Nibea maculata</i> (Bloch & Schneider, 1801)	Blotched croaker
	<i>Otolithes cuvieri</i> Trewavas, 1974	Lesser tigertooth croaker
	<i>Otolithes ruber</i> (Bloch & Schneider, 1801)	Tigertooth croaker
	<i>Otolithoides biauritus</i> (Cantor, 1849)	Bronze croaker
	<i>Pennahia anea</i> (Bloch, 1793)	Greyfin croaker
	<i>Protonibea diacanthus</i> (Lacepede, 1802)	Ghol
Scomberomoridae	<i>Acanthocybium solandri</i> (Cuvier, 1832)	Wahoo
	<i>Scomberomorus commersoni</i> (Lacepede, 1800)	Narrow-barred Spanish mackerel
	<i>Scomberomorus guttatus</i> (Bloch & Schneider, 1801)	Indo-Pacific king mackerel
	<i>Scomberomorus lineolatus</i> (Cuvier, 1829)	Streaked seerfish
Scombridae	<i>Rastrelliger kanagurta</i> (Cuvier, 1816)	Indian mackerel
Scorpaenidae	<i>Dendrochirus zebra</i> (Cuvier, 1829)	Zebra turkeyfish
	<i>Inimicus filamentosus</i> (Cuvier, 1829)	Two-stick stingfish
	<i>Inimicus sinensis</i> (Valenciennes, 1833)	Spotted ghoul
	<i>Parascorpaena aurita</i> (Ruppell, 1838)	Golden scorpionfish
	<i>Pseudovespicula dracaena</i> (Cuvier, 1829)	Draco waspfish
	<i>Pterois miles</i> (Bennett, 1828)	Devil firefish
	<i>Pterois russelii</i> Bennett, 1831	Plaintail turkeyfish
	<i>Pterois volitans</i> (Linnaeus, 1758)	Red lionfish
	<i>Scorpaenopsis gibbosa</i> (Bloch & Schneider, 1801)	Humpbacked scorpionfish
	<i>Tetraroge niger</i> (Cuvier, 1829)	Black smooth stingfish
Serranidae	<i>Pseudanthias dispar</i> (Herre, 1955)	Dispar anthias
	<i>Cephalopholis argus</i> Schneider, 1801	Peacock hind
	<i>Cephalopholis boenak</i> (Bloch, 1790)	Chocolate hind
	<i>Cephalopholis formosa</i> (Shaw, 1812)	Blue lined hind
	<i>Epinephelus areolatus</i> (Forsskal, 1775)	Areolate grouper
	<i>Epinephelus bleekeri</i> (Vaillant, 1878)	Duskytail grouper
	<i>Epinephelus chlorostigma</i> (Valenciennes, 1828)	Brownspotted grouper

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	<i>Epinephelus coeruleopunctatus</i> (Bloch, 1790)	White spotted grouper
	<i>Epinephelus coioides</i> (Hamilton, 1822)	Orange spotted grouper
	<i>Epinephelus diacanthus</i> (Valenciennes, 1828)	Spinycheek grouper
	<i>Epinephelus faveatus</i> (Valenciennes, 1828)	Barred-chest grouper
	<i>Epinephelus fuscoguttatus</i> (Forsskal, 1775)	Brown marbled grouper
	<i>Epinephelus lanceolatus</i> (Bloch, 1790)	Giant grouper
	<i>Epinephelus longispinis</i> (Kner, 1864)	Longspine grouper
	<i>Epinephelus malabaricus</i> (Bloch & Schneider, 1801)	Malabar grouper
	<i>Epinephelus merra</i> Bloch, 1793	Honey comb grouper
	<i>Epinephelus polyphekadion</i> (Bleeker, 1849)	Camouflage grouper
	<i>Epinephelus quoyanus</i> (Valenciennes, 1830)	Barred chest grouper
	<i>Epinephelus tauvina</i> (Forsskal, 1775)	Greasy grouper
	<i>Epinephelus tukula</i> Morgans, 1959	Potato grouper
	<i>Epinephelus undulosus</i> (Quoy & Gaimard, 1824)	Wavy lined grouper
	<i>Grammistes sexlineatus</i> (Thunberg, 1792)	Golden striped gold fish
	<i>Plectropomus leopardus</i> (Lacepede, 1802)	Leopard coral grouper
	<i>Plectropomus maculatus</i> (Bloch, 1790)	Spotted coral grouper
	<i>Pogonoperca punctata</i> (Valenciennes, 1830)	Bearded grouper
	<i>Variola louti</i> (Forsskal, 1775)	Yellow edged lyretail
Siganidae		
	<i>Siganus canaliculatus</i> (Park, 1797)	White-spotted spinefoot
	<i>Siganus javus</i> (Linnaeus, 1766)	Streaked Spinefoot
	<i>Siganus vermiculatus</i> (Valenciennes, 1835)	Vermiculated spinefoot
Sillaginidae		
	<i>Sillago sihama</i> (Forsskal, 1775)	Silver sillago
	<i>Sillago maculata</i> Quoy & Gaimard, 1824	Trumpeter sillago
Sparidae		
	<i>Acanthopagrus berda</i> (Forsskal, 1775)	Gold silk sea bream
	<i>Argyrops spinifer</i> (Forsskal, 1775)	King soldier bream
	<i>Rhabdosargus sarba</i> (Forsskal, 1775)	Gold lined sea bream
Stromateidae		
	<i>Ariomma indicum</i> (Day, 1871)	Indian driffish
	<i>Pampus argenteus</i> (Euphrasen, 1788)	Silver pomfret
	<i>Pampus chinensis</i> (Euphrasen, 1788)	Chinese silver pomfret
Synaceidae		
	<i>Choridactylus multibarbus</i> Richardson, 1848	
	<i>Minous monodactylus</i> (Bloch & Schneider, 1801)	Grey stingfish
	<i>Rhinopias frondosa</i> (Gunther, 1892)	Weedy scorpionfish
Theraponidae		
	<i>Pelates quadrilineatus</i> (Bloch, 1790)	Four lined terapon
	<i>Terapon jarbua</i> (Forsskal, 1775)	Jarbua terapon
	<i>Terapon puta</i> Cuvier, 1829	Small scaled terapon
	<i>Terapon theraps</i> Cuvier, 1829	Large scaled terapon

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Family	Species
Thunnidae	
	<i>Auxis rochei</i> (Risso, 1810)
	<i>Auxis thazard</i> (Lacepede, 1800)
	<i>Euthynnus affinis</i> (Cantor, 1849)
	<i>Gymnosarda unicolor</i> (Ruppell, 1836)
	<i>Katsuwonus pelamis</i> (Linnaeus, 1758)
	<i>Sarda orientalis</i> (Temminck & Schlegel, 1844)
	<i>Thunnus albacares</i> (Bonnaterre, 1788)
	<i>Thunnus tonggol</i> (Bleeker, 1851)
Trichiuridae	
	<i>Trichiurus auriga</i> Klunzinger, 1884
	<i>Eupleurogrammus muticus</i> (Gray, 1831)
	<i>Lepturacanthus savala</i> (Cuvier, 1829)
	<i>Trichiurus lepturus</i> Linnaeus, 1758
Trichonotidae	
	<i>Trichonotus setiger</i> Bloch & Schneider, 1801
Tripterygiidae	
	<i>Enneapterygius fasciatus</i> (Weber, 1909)
Trypauchenidae	
	<i>Trypauchen vagina</i> (Bloch & Schneider, 1801)
Uranoscopidae	
	<i>Ichthyscopus lebeck</i> (Bloch & Schneider, 1801)
Zanclidae	
	<i>Zanclus cornutus</i> (Linnaeus, 1758)
	Bullet tuna
	Frigate tuna
	Kawakawa
	Dogtooth tuna
	Skipjack tuna
	Striped bonito
	Yellowfin tuna
	Longtail tuna
	Pearly hairtail
	Malayan hairtail
	Savalani hairtail
	Atlantic cutlassfish
	Spotted sand-diver
	Tiny threefin
	Burrowing goby
	Longnosed stargazer
	Moorish idol

Order

Pleuronectiformes

Family	Species
Bothidae	
	<i>Bothus myriaster</i> (Temminck & Schlegel, 1846)
	<i>Engyprosonon grandisquama</i> (Temminck & Schlegel, 1846)
	<i>Pseudorhombus arsius</i> (Hamilton, 1822)
	<i>Pseudorhombus malayanus</i> Bleeker, 1865
	<i>Pseudorhombus triocellatus</i> (Bloch & Schneider, 1801)
Cynoglossidae	
	<i>Cynoglossus bilineatus</i> (Lacepede, 1802)
	<i>Cynoglossus macrolepidotus</i> (Bleeker, 1851)
	<i>Cynoglossus puncticeps</i> (Richardson, 1846)
	<i>Cynoglossus sibogae</i> Weber, 1913
	<i>Laeops guentheri</i> Alcock, 1890
Psettodidae	
	<i>Psettodes erumei</i> (Bloch & Schneider, 1801)
Soleidae	
	<i>Synaptura commersonii</i> (Lacepede, 1802)
	Indo-Pacific oval flounder
	Largescale flounder
	Large-tooth flounder
	Malayan flounder
	Three spotted flounder
	Fourlined tonguesole
	Largescaled tonguesole
	Speckled tonguesole
	Shortheaded tonguesole
	Gunther's flounder
	Indian halibut
	Commerson's sole

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Polynemiformes

Family Species

Polynemidae

Eleutheronema tetradactylum (Shaw, 1804)
Filimanus heptadactyla (Cuvier, 1829)
Leptomelanosoma indicum (Shaw, 1804)
Polydactylus plebeius (Broussonet, 1782)
Polydactylus sexfilis (Valenciennes, 1831)
Polynemus paradiseus Linnaeus, 1758

Four finger thread fin
Seven finger thread fin
Indian thread fin
Striped thread fin
Six finger thread fin
Paradise thread fin

Order
Scopeliformes

Family Species

Synodontidae

Saurida gracilis (Quoy & Gaimard, 1824)
Saurida tumbil (Bloch, 1795)
Synodus indicus (Day, 1873)
Trachinocephalus myops (Forster, 1801)

Gracile lizardfish
Greater lizardfish
Indian lizard fish
Snakefish

Order
Siluriformes

Family Species

Ariidae

Arius jella Day, 1877
Arius maculatus (Thunberg, 1792)
Nemapteryx caelata (Valenciennes, 1840)
Netuma thalassina (Ruppell, 1837)
Plicofollis dussumieri (Valenciennes, 1840)
Plicofollis nella (Valenciennes, 1840)
Plicofollis platystomus (Day, 1877)
Plicofollis tenuispinis (Day, 1877)

Blackfin sea catfish
Spotted catfish
Engraved catfish
Giant catfish
Blacktip sea catfish
Smooth-headed catfish
Flatmouth sea catfish
Thin spine sea catfish

Plotosidae

Plotosus canius Hamilton, 1822
Plotosus lineatus (Thunberg, 1787)

Gray eel catfish
Striped eel sea catfish

Order
Syngnathiformes

Family Species

Fistulariidae

Fistularia petimba Lacepede, 1803

Red cornet fish

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Family	Species
Syngnathidae	
	<i>Corythoichthys haematopterus</i> (Bleeker, 1851)
	<i>Hippichthys cyanospilos</i> (Bleeker, 1854)
	<i>Hippichthys spicifer</i> (Ruppell, 1838)
	<i>Hippocampus borboniensis</i> (Duméril, 1870)
	<i>Hippocampus fuscus</i> Ruppell, 1838
	<i>Hippocampus histrix</i> Kaup, 1856
	<i>Hippocampus kellogi</i> Jordan & Snyder, 1901
	<i>Hippocampus kuda</i> Bleeker, 1852
	<i>Hippocampus mohnikae</i> Bleeker, 1853
	<i>Hippocampus spinosissimus</i> Weber, 1913
	<i>Hippocampus trimaculatus</i> Leach, 1814
	<i>Syngnathoides biaculeatus</i> (Bloch, 1785)
	<i>Syngnathus louisianae</i> Gunther, 1870
	<i>Trachyrhamphus longirostris</i> Kaup, 1856
	<i>Trachyrhamphus serratus</i> (Temminck & Schlegel, 1850)

Banded pipefish
Blue speckled pipe fish
Bellybarred pipefish

Sea pony

Spotted sea horse

Hedgehog sea horse
Longnose sea horse
Alligator pipe fish

Straightstick pipefish
Saw pipe fish

Order

Tetraodontiformes

Family	Species
Anacanthidae	
	<i>Anacanthus barbatus</i> Gray, 1830
Balistidae	
	<i>Balistoides viridescens</i> (Bloch & Schneider, 1801)
	<i>Odonus niger</i> (Ruppell, 1836)
	<i>Pseudobalistes flavimarginatus</i> (Ruppell, 1829)
	<i>Sufflamen chrysopterum</i> (Bloch & Schneider, 1801)
	<i>Sufflamen fraenatum</i> (Latreille, 1804)
Canthigasteridae	
	<i>Canthigaster margaritata</i> (Ruppell, 1829)
Diodontidae	
	<i>Diodon holocanthus</i> Linnaeus, 1758
	<i>Diodon hystrix</i> Linnaeus, 1758
Lagocephalidae	
	<i>Lagocephalus inermis</i> (Temminck & Schlegel, 1850)
	<i>Lagocephalus lunaris</i> (Bloch & Schneider, 1801)
	<i>Takifugu oblongus</i> (Bloch, 1786)
Molidae	
	<i>Masturus lanceolatus</i> (Liénard, 1840)
	<i>Mola mola</i> (Linnaeus, 1758)
	<i>Ranzania laevis</i> (Pennant, 1776)

Bearded leatherjacket

Titan triggerfish
Red-toothed triggerfish
Yellowmargin triggerfish
Yellowfin triggerfish
Masked triggerfish

Pearl toby

Longspined porcupinefish
Spot-fin porcupinefish

Smooth blaasop
Lunartail puffer
Lattice blaasop

Sharptail mola
Ocean sunfish
Slender sunfish

Kingdom
Animalia

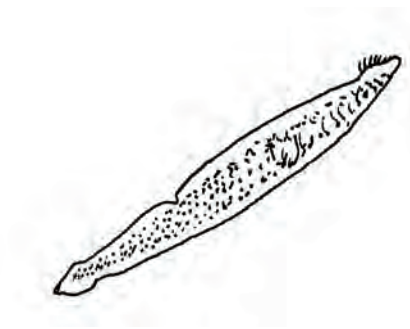
Phylum
Chordata

Class
Osteichthyes

Family	Species
Ogcocephalidae	
	<i>Antennarius hispidus</i> (Bloch & Schneider, 1801)
	<i>Antennarius pictus</i> (Shaw, 1794)
	<i>Coelophrys micropa</i> (Alcock, 1891)
	<i>Haliutaea stellata</i> (Vahl, 1797)
	<i>Histrio histrio</i> (Linnaeus, 1758)
Ostraciidae	
	<i>Lactoria cornuta</i> (Linnaeus, 1758)
	<i>Ostracion cubicus</i> Linnaeus, 1758
	<i>Ostracion meleagris</i> Shaw, 1796
	<i>Rhynchostracion nasus</i> (Bloch, 1785)
	<i>Rhynchostracion rhinorhynchos</i> (Bleeker, 1851)
	<i>Tetrosomus gibbosus</i> (Linnaeus, 1758)
Pegasidae	
	<i>Eurypegasus draconis</i> (Linnaeus, 1766)
	<i>Pegasus volitans</i> Linnaeus, 1758
Tetraodonitidae	
	<i>Arothron hispidus</i> (Linnaeus, 1758)
	<i>Arothron immaculatus</i> (Bloch & Schneider, 1801)
	<i>Arothron nigropunctatus</i> (Bloch & Schneider, 1801)
	<i>Arothron reticularis</i> (Bloch & Schneider, 1801)
	<i>Arothron stellatus</i> (Anonymous, 1798)
	<i>Chelonodon patoca</i> (Hamilton, 1822)
	<i>Lalmohania velutina</i> Hutchins, 1994
Triacanthidae	
	<i>Acreichthys tomentosus</i> (Linnaeus, 1758)
	<i>Aluterus monoceros</i> (Linnaeus, 1758)
	<i>Aluterus scriptus</i> (Osbeck, 1765)
	<i>Cantherhines pardalis</i> (Ruppell, 1837)
	<i>Paramonacanthus choirocephalus</i> (Bleeker, 1851)
	<i>Stephanolepis diaspros</i> Fraser-Brunner, 1940

Kingdom	Phylum	Subphylum	Class
Animalia	Chordata	Cephalochordata	Leptocardii

Commonly called lancelets or amphioxus, these tiny chordates possess a flexible notochord instead of a vertebral column and provide clues about the evolution of vertebrates. Six species are reported from the GoM, living half buried in the sand in shallow waters.



Order

Amphioxiformes

Family

Species

Branchiostomidae

- Asymmetron lucayanum* Andrews, 1893
- Branchiostoma lanceolatum* (Pallas, 1774)
- Branchiostoma indicum* (Willey, 1901)
- Branchiostoma californiense* (Andrews, 1893)
- Epigonichthys cingalense* (Kirkaldy, 1894)
- Epigonichthys cultellus* (Peters, 1877)

- Tropical lancelet
- Common lancelet
- California lancelet

Kingdom

Animalia

Phylum

Chordata

Subphylum

Tunicata

Class

Ascidiacea

Commonly called sea squirts, these animals exhibit retrograde metamorphosis, where the free swimming larvae are more advanced than the sessile adults. They are filter feeders, found in shallow waters. Both colonial and solitary species exist, with solitary species reproducing sexually, while colonial ones are also capable of asexual reproduction. Close to a hundred species are reported from the GoM.



Order

Aplousobranchia

Family

Species

Diazonidae

Rhopalaea crassa Herdman, 1880

Didemnidae

Didemnum candidum Savigny, 1816

Didemnum moseleyi Herdman, 1866

Didemnum nekozita Tokioka, 1967

Didemnum psammathodes Sluiter, 1895

Didemnum viride Herdman, 1906

Diplosoma similis Sluiter, 1909

Diplosoma swamiensis Renganathan, 1986

Leptoclinides dubius Sluiter, 1909

Leptoclinides madara Tokioka, 1953

Leptoclinides rufus Sluiter, 1909

Lithoclinium bistratum Sluiter, 1905

Lithoclinium fragile van Name, 1902

Polysyncraton lithostratum Brewin, 1956

Trididemnum areolatum Herdman, 1906

Trididemnum clinides Kott, 1977

Trididemnum sibogae Hartmeyer, 1910

Holozoidae

Distaplia nathensis Meenakshi, 1997

Sigillina nigra Herdman, 1899

Polycitoridae

Cystodytes dellechiaiei Della Valle, 1877

Eudistoma lakshmi Renganathan, 1986

Eudistoma laysani Sluiter, 1890

Eudistoma viride Tokioka, 1985

Psammaplidium aurantiacum Herdman, 1906

Psammaplidium ceylonicum Herdman, 1906

Polyclinidae

Aplidium ceylonicum Herdman, 1906

Aplidium pantherinum Sluiter, 1898

Diplosoma listerianum H. Milne-Edwards, 1841

Diplosoma virens Hartmeyer, 1909

Polyclinum indicum Sebastian, 1954

Polyclinum madrasensis Sebastian, 1952

Kingdom	Phylum	Subphylum	Class
Animalia	Chordata	Tunicata	Ascidiacea

Family	Species
Pycnoclavellidae	
	<i>Pycnoclavella arenosa</i> (Kott, 1972)

Order

Phlebobranchia

Family	Species
Asciidiidae	
	<i>Ascidia andamanensis</i> Oka, 1915
	<i>Ascidia challengerii</i> Herdman, 1882
	<i>Ascidia decepta</i> Kott, 1985
	<i>Ascidia depressiuscula</i> Heller, 1878
	<i>Ascidia dorsata</i> Meenakshi, 1999
	<i>Ascidia gemmata</i> Sluiter, 1895
	<i>Ascidia glabra</i> Hartmeyer, 1922
	<i>Ascidia indica</i> Meenakshi, 2005
	<i>Ascidia kesavanica</i> Meenakshi, 2005
	<i>Ascidia latesiphonica</i> Hartmeyer, 1922
	<i>Ascidia liberata</i> Sluiter, 1887
	<i>Ascidia sydneyensis</i> Stimpson, 1855
	<i>Ascidia tuticoriensis</i> Meenakshi, 2005
	<i>Ascidia zara</i> Oka, 1935
	<i>Phallusia arabica</i> Savigny, 1816
	<i>Phallusia nigra</i> Savigny, 1816
	<i>Phallusia polytrema</i> (Herdman, 1906)
Corellidae	
	<i>Rhodosoma turcicum</i> (Savigny, 1816)
Perophoridae	
	<i>Ecteinascidia krishnani</i> Renganathan, 1985
	<i>Ecteinascidia sluiteri</i> Herdman, 1906
	<i>Ecteinascidia thurstoni</i> Herdman, 1890
	<i>Ecteinascidia venui</i> Meenakshi, 1997
	<i>Perophora formasana</i> Oka, 1931
	<i>Perophora hornelli</i> Herdman, 1906

Sea Squirt

Sea Squirt

Colonial tunicate

Order

Stolidobranchia

Family	Species
Molgulidae	
	<i>Molgula ficus</i> (MacDonald, 1859)
	<i>Molgula ridgewayi</i> (Herdman, 1906)
	<i>Molgula taprobane</i> Herdman, 1906

Kingdom	Phylum	Subphylum	Class
Animalia	Chordata	Tunicata	Ascidiacea

Family	Species
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Pyuridae

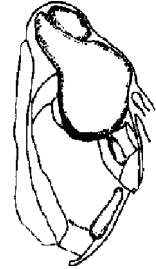
Boltenia transversaria (Sluiter, 1904)
Halocynthia dumosa Stimpson, 1855
Herdmania pallida Heller, 1878
Microcosmus curvus Tokioka, 1954
Microcosmus exasperatus Heller, 1878
Microcosmus helleri Herdman, 1881
Microcosmus longicloa Monniot & Monniot, 1991
Microcosmus propinquus Herdman, 1881
Microcosmus squaminger Michaelson, 1927
Microcosmus stoloniferus Kott, 1952
Pyura lanka Herdman, 1906
Pyura vittata Stimpson, 1852

Styelidae

Botrylloides chevalense Herdman, 1906
Botrylloides nigrum Herdman, 1886
Botryllus aster Monniot, 1991
Botryllus schloseri (Pallas, 1766)
Cnemidocarpa areolata Heller, 1878
Eusynstyela latericius Sluiter, 1904
Eusynstyela tinctoria van Name, 1902
Polyandrocarpa lapidosa Herdman, 1891
Polycarpa chinensis Tokioka, 1967
Polycarpa colletti Herdman, 1906
Polycarpa decipiens Herdman, 1906
Polycarpa mannanrensis Herdman, 1906
Polycarpa nigricans Heller, 1878
Polycarpa olitoria Herdman, 1906
Polycarpa palkensis Herdman, 1906
Polycarpa papillata Sluiter, 1885
Polycarpa pigmentata Herdman, 1906
Polycarpa rigida Herdman, 1881
Polycarpa twynami Herdman, 1906
Styela bicolor Sluiter, 1887
Styela canopus Savigny, 1816
Symplegma brakenhielmi Michaelsen, 1904
Symplegma ocellata Tokioka, 1961

Kingdom **Animalia** Phylum **Chordata** Subphylum **Tunicata** Class **Appendicularia**

These animals are solitary, pelagic, free-swimming filter feeders. Adults resemble the larval forms of other tunicates. Appendicularians secrete a shell or "test" of protein and cellulose that surround the body and help improve feeding efficiency. One species is reported from the GoM.

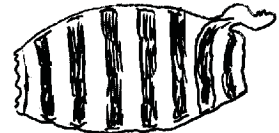


Order
Copelata

Family	Species
Oikopleuridae	
	<i>Oikopleura (Coecaria) fusiformis</i> Fol, 1872

Kingdom **Animalia** Phylum **Chordata** Subphylum **Tunicata** Class **Thaliacea**

They include both solitary and colonial pelagic filter-feeding species. Some species alternate between solitary and colonial stages in their life cycle. All species possess a complex life cycle which involves both sexual and asexual stages. Five species are reported from the GoM.



Order
Salpida

Family	Species
Salpidae	
	<i>Salpa fusiformis</i> Cuvier, 1804
	<i>Thalia democratica</i> Forskål, 1775
	<i>Weelia cylindrica</i> (Cuvier, 1804)

Order
Doliolida

Family	Species
Doliolidae	
	<i>Doliolum denticulatum</i> Quoy & Gaimard, 1835

Order
Pyrosomatida

Family	Species
Pyrosomatidae	
	<i>Pyrosoma ovatum</i> Neumann, 1909

Kingdom

Animalia

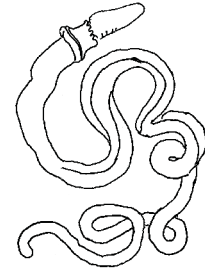
Phylum

Hemichordata

Class

Enteropneusta

Commonly called acorn worms, these hemichordates are a poorly studied group of animals. Larvae are planktonic and adults live in tubes in the sea floor. They range in size from a few centimeters long to over a meter long. Three species are known from the GoM, but it is likely more exist.



Order

Enteropneusta

Family

Species

Ptychoderidae

Glandiceps hacksi Marion, 1885

Glandiceps bengalensis Rao, 1955

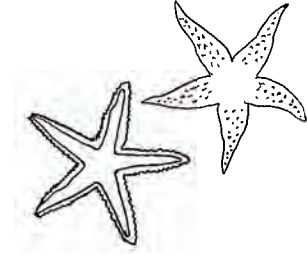
Ptychodera flava Eschscholtz, 1825

Kingdom
Animalia

Phylum
Echinodermata

Class
Asteroidea

Commonly called sea stars or starfish, they are amongst the most well known marine invertebrates. They are usually pentameric as adults and are capable of regenerating lost body parts. Most species reproduce sexually, while some are also capable of asexual reproduction. Over 50 species are reported from the GoM. Many species are harvested and dried to be used as ornaments; some species are collected for the ornamental fish trade.



Order
Paxillosida

Family	Species
Astropectinidae	
	<i>Astropecten andersoni</i> (Sladen, 1888)
	<i>Astropecten bengalensis</i> Doderlein, 1917
	<i>Astropecten euryacanthus</i> Lutken, 1871
	<i>Astropecten hemprichi</i> Muller & Troschel, 1842
	<i>Astropecten indicus</i> Doderlein, 1888
	<i>Astropecten mauritianus</i> Gray, 1840
	<i>Astropecten monacanthus</i> Sladen, 1883
	<i>Astropecten polyacanthus</i> Muller & Troschel, 1842
	<i>Astropecten sarasinorum</i> Doderlein, 1917
	<i>Astropecten vappa</i> Muller & Troschel, 1843
	<i>Astropecten velitaris</i> von Martens, 1865
Luidiidae	
	<i>Luidia hardwicki</i> (Gray, 1840)
	<i>Luidia herdmani</i> (A. M. Clark, 1953)
	<i>Luidia maculata</i> Muller & Troschel, 1842
	<i>Luidia savignyi</i> (Audouin, 1826)

(= *A. zebra* Sladen, 1883)

Order
Spinulosida

Family	Species
Echinasteridae	
	<i>Echinaster callosus</i> Marenzeller, 1895
	<i>Echinaster luzonicus</i> (Gray, 1840)
	<i>Metrodira subulata</i> Gray, 1840

(= *E. purpureus* Domantay & Roxas, 1938)

Kingdom
Animalia

Phylum
Echinodermata

Class
Asteroidea

Order
Valvatida

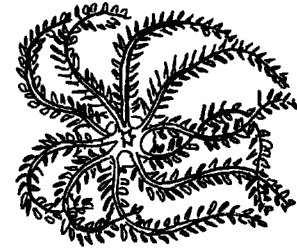
Family	Species
Acanthasteridae	<i>Acanthaster planci</i> (Linnaeus, 1758)
Asterinidae	<i>Asterina lorioli</i> Koehler, 1910 <i>Aquilonastra burtoni</i> (Gray, 1840) <i>Aquilonastra coronata</i> (von Martens, 1866) <i>Cryptasterina pentagona</i> (Muller & Troschel, 1842) <i>Disasterina ceylanica</i> Doderlein, 1888 <i>Indianastra sarasini</i> (deLoriol, 1897)
Asteropseidae	<i>Asteropsis carinifera</i> (Lamarck, 1816)
Goniasteridae	<i>Fromia indica</i> (Perrier, 1869) <i>Fromia milleporella</i> (Lamarck, 1816) <i>Fromia nodosa</i> A. M. Clark, 1967 <i>Stellaster tuberculosus</i> (Martens, 1865) <i>Stellaster equestris</i> (Retzius, 1805)
Pterasteridae	<i>Euretaster cribrosus</i> (von Martens, 1867)
Ophidiasteridae	<i>Andora faouzii</i> (Macan, 1938) <i>Dactylosaster cylindricus</i> (Lamarck, 1816) <i>Gomophia egyptiaca</i> Gray, 1840 <i>Leiaster leachi</i> (Gray, 1840) <i>Linckia guildingi</i> Gray, 1840 <i>Linckia laevigata</i> (Linnaeus, 1758) <i>Linckia multifora</i> (Lamarck, 1816) <i>Nardoa galathea</i> (Lutken, 1865) <i>Nardoa novaecaledoniae</i> (Perrier, 1875)
Oreasteridae	<i>Anthenea pentagonula</i> (Lamarck, 1816) <i>Anthenea regalis</i> Koehler, 1910 <i>Anthenea rudis</i> Koehler, 1910 <i>Anthenea tuberculosa</i> Gray, 1847 <i>Asterodiscides elegans</i> (Gray, 1847) <i>Culcita schmideliana</i> (Retzius, 1805) <i>Goniodiscaster scaber</i> (Moebius, 1859) <i>Goniodiscaster vallei</i> (Koehler, 1910) <i>Pentaceraster affinis</i> (Muller & Troschel, 1842) <i>Pentaceraster multispinus</i> (von Martens, 1866) <i>Pentaceraster regulus</i> (Muller & Troschel, 1842) <i>Poraster superbus</i> (Moebius, 1859) <i>Protoreaster lincki</i> (Blainville, 1830) <i>Protoreaster nodosus</i> (Linnaeus, 1758)

Kingdom
Animalia

Phylum
Echinodermata

Class
Crinoidea

Commonly called feather stars or sea lilies, modern crinoids represent only a fraction of the diversity that existed in the past. Some species are stalked, while others are not. Most species are capable of locomotion as adults, though larvae may be sedentary. Over 20 species are reported from the GoM.



Order
Comatulida

Family Species

Antedonidae

Mastigometra micropoda A. H. Clark, 1909

Colobometridae

Cenometra herdmani A. H. Clark, 1911
Decametra modica A. H. Clark, 1911
Decametra taprobanes (A. H. Clark, 1909)
Oligometra serripinna (Carpenter, 1881)

Comasteridae

Capillaster multiradiatus (Linnaeus, 1758)
Capillaster sentosus (Carpenter, 1888)
Comanthus parvicirrus (Muller, 1841)
Comanthus wahlbergii (A.H. Clark 1909)
Comaster schlegeli (Carpenter, 1881)
Comatella stelligera (Carpenter, 1888)
Comatula pectinata (Linnaeus, 1758)

(= *C. timorensis*)
(= *C. samoanus*)
(= *Comanthina schlegeli*)
(= *C. maculata*)

Himerometridae

Amphimetra molleri (A. H. Clark 1908)
Heterometra amboinae (A. H. Clark, 1912)
Heterometra bengalensis (Hartlaub, 1890)
Heterometra reynaudi (Muller, 1846)
Himerometra robustipinna (Carpenter, 1881)

Mariametridae

Lamprometra palmata (Muller, 1841)
Oxymetra finschii (Hartlaub, 1890)
Stephanometra indica (Smith, 1876)
Stephanometra tenuipinna (Hartlaub, 1890)

(= *S. echinus* (Clark, 1908))

Tropiometridae

Tropiometra carinata (Lamarck, 1816)

Zygommetridae

Zygommetra andromeda A. H. Clark, 1912

Kingdom

Animalia

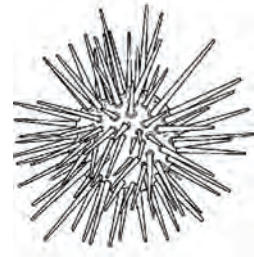
Phylum

Echinodermata

Class

Echinoidea

Some forms, called sea urchins, are small, spiny and globular, while others are flattened or have thick, blunt spines. They are mostly herbivorous and move very slowly. Their internal organs are protected by a shell or "test" of calcareous material. Over 50 species are reported from the GoM.



Order

Camarodonta

Family

Species

Echinometridae

- Colobocentrotus atratus* (Linnaeus, 1758)
- Echinometra mathaei* (Blainville, 1825)
- Echinostrephus molaris* (Blainville, 1825)
- Heterocentrotus mamillatus* (Linnaeus, 1758)

Temnopleuridae

- Microcyphus ceylanicus* Mortensen, 1942
- Salmaciella dussumieri* (L. Agassiz in Agassiz & Desor, 1846)
- Salmacis bicolor* L. Agassiz in Agassiz & Desor, 1846
- Salmacis virgulata* L. Agassiz in Agassiz & Desor, 1846
- Temnopleurus toreumaticus* (Leske, 1778)
- Temnotrema siamense* (Mortensen, 1904)

Toxopneustidae

- Gymnechinus robillardi* (de Loriol, 1883)
- Pseudoboletia indiana* (Michelin, 1862)
- Pseudoboletia maculata* Troschel, 1869
- Toxopneustes maculatus* (Lamarck, 1816)
- Toxopneustes pileolus* (Lamarck, 1816)
- Tripneustes gratilla* (Linnaeus, 1758)

Order

Cidaroida

Family

Species

Cidaridae

- Eucidaris metularia* (Lamarck, 1816)
- Phyllacanthus imperialis* (Lamarck, 1816)
- Prionocidaris baculosa* (Lamarck, 1816)
- Prionocidaris bispinosa* (Lamarck, 1816)

Order

Clypasteroidea

Family

Species

Astriclypeidae

- Echinodiscus auritus* Leske, 1778
- Echinodiscus bisperforatus* Leske, 1778

Kingdom
Animalia

Phylum
Echinodermata

Class
Echinoidea

Family Species

Clypeasteridae

Clypeaster fervens Koehler, 1922
Clypeaster humilis (Leske, 1778)
Clypeaster rarispinus de Meijere, 1902
Clypeaster reticulatus (Linnaeus, 1758)

Fibulariidae

Fibularia cribellum de Meijere, 1903
Fibularia oblonga (Gray, 1851)
Fibularia volva L. Agassiz & Desor, 1846

Laganidae

Laganum depressum (L. Agassiz, 1841)
Peronella orbicularis (Leske, 1778)
Peronella lesueuri (L. Agassiz, 1841)
Peronella macroproctes Koehler, 1922
Peronella oblonga Mortensen, 1948

Order

Diadematoidea

Family Species

Diadematiidae

Astropyga radiata (Leske, 1778)
Diadema savignyi (Audouin, 1829)
Diadema setosum (Leske, 1778)
Echinothrix diadema (Linnaeus, 1758)

Order

Echinolampadoidea

Family Species

Echinolampadidae

Echinolampas alexandri de Loriol, 1876
Echinolampas ovata (Leske, 1778)

Order

Echinoneoidea

Family Species

Echinoneidae

Echinoneus cyclostomus Leske, 1778

Order

Echinothurioida

Family Species

Echinothuriidae

Asthenosoma varium Grube, 1868

Kingdom

Animalia

Phylum

Echinodermata

Class

Echinoidea

Order

Spatangoida

Family

Species

Brissidae

Brissus latecarinatus (Leske, 1778)
Metalia latissima H. L. Clark, 1925
Metalia sternalis (Lamarck, 1816)
Rhynobrissus pyramidalis A. Agassiz, 1872

Loveniidae

Lovenia elongata (Gray, 1845)

Maretiidae

Maretia planulata (Lamarck, 1816)
Nacospatangus alta (A. Agassiz, 1863)

Schizasteridae

Paraster gibberulus L. Agassiz & Desor, 1847

(= *Pseudomaretia alta*)

Order

Stomatopneustoida

Family

Species

Stomopneustidae

Stomopneustes variolaris (Lamarck, 1816)

Kingdom

Animalia

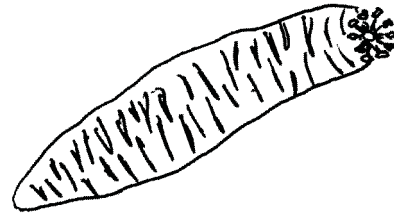
Phylum

Echinodermata

Class

Holothuroidea

Commonly called sea cucumbers, they are elongate and covered with a leathery skin. Many species are harvested for consumption and concerns over declining numbers have led to the development of aquaculture techniques in recent years. Over 50 species are reported from the GoM.



Order

Apodida

Family

Species

Chiridotidae

Polycheira rufescens (Brandt, 1835)

(= *Labidoplax dubia* Semper, 1867)

Synaptidae

Opheodesoma grisea (Semper, 1867)

Protankyra pseudodigitata (Semper, 1867)

(= *Synapta innominata* Ludwig 1875)

Synapta maculata (Chamisso & Eysenhardt, 1821)

Synaptula recta (Semper, 1867)

Synaptula striata (Sluiter, 1887)

Order

Aspidochirotida

Family

Species

Holothuriidae

Actinopyga echinites (Jaeger, 1833)

Actinopyga lecanora (Jaeger, 1833)

Actinopyga mauritiana (Quoy & Gaimard, 1834)

Actinopyga miliaris (Quoy & Gaimard, 1834)

Actinopyga serratidens Pearson, 1903

Bohadschia argus Jaeger, 1833

(= *Holothuria argus*)

Bohadschia marmorata Jaeger, 1833

Bohadschia tenuissima (Semper, 1868)

Bohadschia vitiensis (Semper, 1868)

Holothuria arenicola Semper, 1868

Holothuria atra Jaeger, 1833

Holothuria cinerascens (Brandt, 1835)

(= *Semperothuria cinerascens*)

Holothuria difficilis Semper, 1868

(= *Platyperona difficilis*)

Holothuria edulis Lesson, 1830

Holothuria erinaceus Semper, 1868

(= *Selenkothuria erinaceus*)

Holothuria fuscocinerea Jaeger, 1833

(= *Mertensiothuria fuscocinerea*)

Holothuria hilla Lesson, 1830

(= *Mertensiothuria hilla*)

Holothuria imitans Ludwig, 1875

(= *Semperothuria imitans*)

Holothuria impatiens (Forsk., 1775)

(= *Thymioscia impatiens*)

Holothuria leucospilota (Brandt, 1835)

(= *Mertensiothuria leucospilota*)

Holothuria moebii Ludwig, 1883

(= *Selenkothuria moebii*)

Holothuria nobilis (Selenka, 1867)

(= *Microthele nobilis*)

Holothuria ocellata Jaeger, 1833

(= *Holothuria kurti* Ludwig, 1892)

Kingdom

Animalia

Phylum

Echinodermata

Class

Holothuroidea

Family

Species

Holothuria pervicax Selenka, 1867
Holothuria scabra Jaeger, 1833
Holothuria spinifera Theel, 1886
Lessonothuria pardalis Selenka, 1867

(= *Mertensioturia pervicax*)

Stichopodidae

Stichopus chloronotus Brandt, 1835
Stichopus herrmanni Semper, 1868
Stichopus horrens Semper, 1867
Stichopus naso Semper, 1868

(= *Holothuria quadrangularis* Lesson, 1830)

(= *S. variegatus* Semper 1868)

Order

Dendrochirotida

Family

Species

Cucumariidae

Actinocucumis donnani Pearson, 1903
Actinocucumis typica Ludwig, 1875
Colochirus cylindricus Semper, 1867
Leptopentacta imbricata (Semper, 1867)
Ocnus javanicus Sluiter, 1880
Plesiocholochirus armatus (von Marenzeller, 1881)
Pseudocolochirus violaceus (Theel, 1886)
Staurothyone rosacea (Semper, 1869)

(= *Leptopentacta javanicus*)

(= *P. bicolor* Cherbonnier, 1970)

Heterothyonidae

Hemithyone semperi (Bell, 1884)

Phyllophoridae

Havelockia versicolor (Semper, 1867)
Phyllophorus brocki Ludwig 1888
Phyllophorus cebuensis (Semper, 1867)
Phyllophorus spiculata Chang, 1935
Stolus buccalis (Stimpson, 1855)
Stolus conjugens (Semper, 1868)
Thyone fusca Pearson, 1903
Thyone papuensis Theel, 1886

(= *H. herdmani* / *Thyone calcarea* Pearson 1903)

(= *Thyone hornelli* Pearson, 1903/*Urodemella brocki*)

(= *Phyllothuria cebuensis*)

(= *P. parvipedes* H. L. Clark 1938)

Psolidae

Psolidium complanatum Cherbonnier, 1969

(= *Psolus complanatus* Semper 1867)

Sclerodactylidae

Ohshimella ehrenbergii (Selenka, 1868)

Order

Molpadiiida

Family

Species

Caudinidae

Acaudina australis (Semper, 1868)
Acaudina leucoprocta (H. L. Clark, 1938)
Acaudina molpadioides (Semper, 1867)

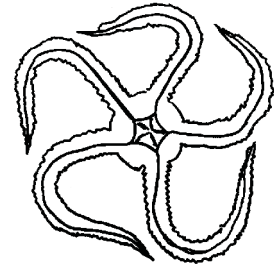
(= *Aphelodactyla iranica* Heding, 1940)

Kingdom
Animalia

Phylum
Echinodermata

Class
Ophiuroidea

Commonly called brittle stars, they are often overlooked because of their cryptic habits. All species have five arms and exhibit strong pentaradial symmetry. Some species are capable of rapid locomotion. Over 50 species are reported from the GoM. They are of little or no commercial importance.



Order
Euryalida

Family	Species
Gorgonocephalidae	
	<i>Astroboa clavata</i> (Lyman, 1861)

Order
Ophiurida

Family	Species
Amphiuridae	
	<i>Amphiodia microplax</i> Burfield, 1924
	<i>Amphiolus gravelyi</i> James, 1970
	<i>Amphioplus depressus</i> (Ljungman, 1867)
	<i>Amphipholis squamata</i> (Delle Chiaje, 1828)
	<i>Amphiura duncani</i> Lyman, 1882
	<i>Amphiura octacantha</i> (H. L. Clark, 1915)
	<i>Dougaloplus echinatus</i> (Ljungman, 1867)
	(= <i>A. luetkeni</i> Duncan, 1879)
	(= <i>Ophiocnida echinata</i>)
Ophiacanthidae	
	<i>Ophiacantha indica</i> Ljungman, 1867
Ophiactidae	
	<i>Ophiactis modesta</i> Brock, 1888
	<i>Ophiactis savignyi</i> (Muller & Troschel, 1842)
Ophiocomidae	
	<i>Ophiarthrum elegans</i> Peters, 1851
	<i>Ophiocoma brevipes</i> Peters, 1851
	<i>Ophiocoma erinaceus</i> Muller & Troschel, 1842
	<i>Ophiocoma pica</i> Muller & Troschel, 1842
	<i>Ophiocoma scolopendrina</i> (Lamarck, 1816)
	<i>Ophiocomella sexradia</i> (Duncan, 1887)
	<i>Ophiomastix annulosa</i> (Lamarck, 1816)
Ophi dermatidae	
	<i>Ophiarachna incrassata</i> (Lamarck, 1816)
	<i>Ophiarachnella gorgonia</i> (Muller & Troschel, 1842)
	<i>Ophiarachnella septemspinosa</i> (Muller & Troschel, 1842)
	<i>Ophiarachnella sphenisci</i> (Bell, 1894)
	<i>Ophiopeza spinosa</i> (Ljungman, 1867)
	<i>Pectinura intermedia</i> Bell, 1888
Ophiolepididae	
	<i>Ophiolepis cincta</i> Muller & Troschel, 1842

Kingdom
Animalia

Phylum
Echinodermata

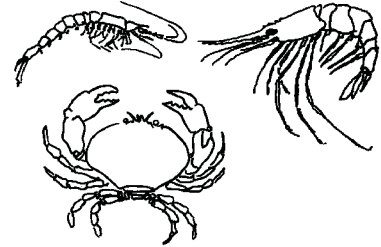
Class
Ophiuroidea

Family	Species
	<i>Ophiolepis rugosa</i> Koehler, 1898
	<i>Ophiolepis superba</i> H. L. Clark, 1915
	<i>Ophiolepis unicolor</i> H. L. Clark, 1938
	<i>Ophioplocus imbricatus</i> (Muller & Troschel, 1842)
Ophiomyxidae	
	<i>Ophiomyxa australis</i> Lutken, 1869
Ophionereididae	
	<i>Ophionereis dubia</i> (Muller & Troschel, 1842)
	<i>Ophionereis porrecta</i> Lyman, 1860
Ophiotrichidae	
	<i>Gymnolophus obscura</i> (Ljungman, 1867)
	<i>Macrophiothrix aspidota</i> (Muller & Troschel, 1842)
	<i>Macrophiothrix hirsuta</i> (Muller & Troschel, 1842)
	<i>Macrophiothrix longipeda</i> (Lamarck, 1816)
	<i>Macrophiothrix nereidina</i> (Lamarck, 1816)
	<i>Macrophiothrix variabilis</i> (Duncan, 1887)
	<i>Ophiocnemis marmorata</i> (Lamarck, 1816)
	<i>Ophiogymna lineata</i> H. L. Clark, 1938
	<i>Ophiomaza cacaotica</i> Lyman, 1871
	<i>Ophiomaza cataphracta</i> (Brock, 1888)
	<i>Ophiopteron elegans</i> Ludwig, 1888
	<i>Ophiothela danae</i> Verrill, 1869
	<i>Ophiothrix accedens</i> Koehler, 1930
	<i>Ophiothrix exigua</i> Lyman, 1874
	<i>Ophiothrix foveolata</i> Marktanner-Turneretscher, 1887
	<i>Ophiothrix proteus</i> Koehler, 1905
	<i>Ophiothrix purpurea</i> von Martens, 1867
	<i>Ophiothrix trilineata</i> Lutken, 1869
	<i>Ophiothrix variegata</i> Duncan, 1887
Ophiuridae	
	<i>Ophiura kinbergi</i> (Ljungman, 1866)

(= *Ophiocnemis obscura*)

Kingdom	Phylum	Subphylum	Class
Animalia	Arthropoda	Crustacea	Malacostraca

They include some of the most well known crustaceans like crabs, krill, shrimps, prawns and lobsters; characterized by a common body plan of a five segmented head, eight segmented thorax and six segmented abdomen. They occupy a variety of habitats and are of great importance both to the marine ecosystem and to human fisheries. Over 300 species are reported from the GoM.



Order

Amphipoda

Family	Species	
Amaryllididae	<i>Vijaya tenuipes</i> Walker, 1904	
Ampeliscidae	<i>Ampelisca tridens</i> Walker, 1904	
	<i>Ampelisca brachyceras</i> Walker, 1904	
	<i>Ampelisca brevicornis</i> (Costa, 1853)	
	<i>Ampelisca cyclops</i> Walker, 1904	
	<i>Ampelisca scabripes</i> Walker, 1904	
Aoridae	<i>Aora gracilis</i> (Bate, 1857)	
	<i>Lembos chelatus</i> Walker, 1904	
	<i>Lembos podoceroides</i> Walker, 1904	
Argissidae	<i>Argissa hamatipes</i> (Norman, 1869)	
Atylidae	<i>Atylus granulosus</i> (Walker, 1904)	(= <i>Paratylus granulosus</i>)
Cheirocratidae	<i>Hornellia (Hornellia) incerta</i> Walker, 1904	
Chevaliidae	<i>Chevalia aviculae</i> Walker, 1904	
Corophiidae	<i>Cheiriphotis megacheles</i> (Giles, 1885)	
	<i>Crassicorophium crassicorne</i> (Bruzelius, 1859)	(= <i>Corophium crassicorne</i>)
Dexaminiidae	<i>Paradexamine serraticra</i> (Walker, 1904)	(= <i>Dexamine serraticrus</i>)
Gammaridae	<i>Pareiasmopus suluensis</i> (Dana, 1853)	
Hyperiididae	<i>Hyperia galba</i> (Montagu, 1815)	
	<i>Hyperoche crytodactylus</i> Stebbing, 1888	
Ischyroceridae	<i>Cerapus calamicola</i> (Giles, 1885)	
	<i>Erichthonius pugnax</i> (Dana, 1852)	
	<i>Jassa falcata</i> (Montagu, 1808)	(= <i>Erichthonius macrodactylus</i>)
Lestrigonidae	<i>Hyperia bengalensis</i> Giles, 1887	
	<i>Lestrigonus crucipes</i> (Bovallius, 1889)	

Kingdom	Phylum	Subphylum	Class
Animalia	Arthropoda	Crustacea	Malacostraca

Family	Species	
Leucothoidae	<i>Anamixis stebbingi</i> Walker, 1904 <i>Leucothoe hornelli</i> (Walker, 1904) <i>Leucothoe spinicarpa</i> (Abildgaard, 1789)	
Lysianassidae	<i>Arugella coelochir</i> (Walker, 1904) <i>Lysianassa cinghalensis</i> (Stebbing, 1897) <i>Tryphosella cucullata</i> (Walker, 1904)	(= <i>Lysianax coelochir</i>) (= <i>Lysianax cinghalensis</i>) (= <i>Tryphosa cucullata</i>)
Maeridae	<i>Elasmopus dubius</i> Walker, 1904 <i>Elasmopus pecteniscus</i> (Bate, 1862) <i>Elasmopus spinimanus</i> Walker, 1904 <i>Maera tanella</i> Dana, 1904 <i>Mallacoota subcarinata</i> (Haswell, 1879)	
Megaluropidae	<i>Megaluropus agilis</i> Hoeck, 1889	
Melitidae	<i>Ceradomaera plumosa</i> Ledoyer, 1973	(= <i>Maera othonides</i>)
Oedicerotidae	<i>Perioculodes serra</i> Walker, 1904 <i>Synchelidium haplocheles</i> (Grube, 1864)	
Photidae	<i>Latigammaropsis atlantica</i> (Stebbing, 1888) <i>Photis longimana</i> Walker, 1904 <i>Photis nana</i> (Walker, 1904)	(= <i>Gammaropsis zeylonicus</i>)
Phoxocephalidae	<i>Mandibulophoxus uncistrostratus</i> (Giles, 1890)	(= <i>Leptophoxus uncistrostra</i>)
Platyischnopidae	<i>Indischnopus herdmani</i> (Walker, 1904)	(= <i>Platyischnopus herdmani</i>)
Podoceridae	<i>Erichthonius punctatus</i> (Bate, 1857) <i>Podocerus zeylanicus</i> (Walker, 1904)	(= <i>Platophium synaptochir</i>) (= <i>Platophium zeylanicum</i>)
Pontogeniidae	<i>Eusiroides caesaris</i> Stebbing, 1888 <i>Eusiroides orchomenipes</i> Walker, 1904	
Stenothoidae	<i>Stenothoe gallensis</i> Walker, 1904 <i>Stenothoe marina</i> (Bate, 1856)	

Order

Cumacea

Family	Species
Bodotriidae	<i>Cyclaspis costata</i> Calman, 1904 <i>Cyclaspis herdmani</i> Calman, 1904

Kingdom	Phylum	Subphylum	Class
Animalia	Arthropoda	Crustacea	Malacostraca

Family	Species
	<i>Cyclaspis hornelli</i> Calman, 1904
	<i>Cyclaspis picta</i> Calman, 1904
	<i>Eocuma affine</i> Calman, 1904
	<i>Eocuma sarsii</i> (Kossmann, 1880)
	<i>Eocuma taprobanicum</i> Calman, 1904
Diastylidae	
	<i>Paradiastylis brachyura</i> Calman, 1904
Nannastacidae	
	<i>Nannastacus stebbingi</i> Calman, 1904

Order

Decapoda

Family	Species
Aethridae	
	<i>Drachiella sculpta</i> (Haswell, 1879)
Alpheidae	
	<i>Alpheus bisincisus</i> De Haan, 1849
	<i>Alpheus edwardsii</i> (Audouin, 1826)
	<i>Alpheus idiochelus</i> Coutière, 1905b
	<i>Alpheus lottini</i> Guerin-meneville, 1838
	<i>Alpheus malabaricus</i> (Fabricius, 1775)
	<i>Alpheus malleodigitus</i> (Spence Bate, 1888)
	<i>Alpheus miersi</i> Coutiere, 1898c
	<i>Alpheus paracyone</i> Coutiere, 1905b
	<i>Alpheus paraeucheirus</i> Coutière, 1905b
	<i>Alpheus spongiarum</i> Coutière, 1897a
	<i>Athanas orientalis</i> Pearson, 1905
	<i>Synalpheus biunguiculatus</i> (Stimpson, 1860a)
	<i>Synalpheus comatularum</i> (Haswell, 1882)
	<i>Synalpheus laticeps</i> Coutière, 1905b
	<i>Synalpheus neomeris</i> (De Man, 1897)
Calappidae	
	<i>Calappa gallus</i> (Herbst, 1803)
	<i>Calappa lophos</i> (Herbst, 1782)
	<i>Calappa philargius</i> (Linnaeus, 1758)
	<i>Cryptosoma granulorum</i> Miers, 1886
	<i>Mursia bicristimana</i> Alcock & Anderson, 1895
Callianassidae	
	<i>Paratrypaea maldivensis</i> Borradaile, 1904
	<i>Pestarella rotundicaudata</i> (Stebbing, 1902)
Coenobitidae	
	<i>Coenobita clypeatus</i> (Fabricius, 1787)
	<i>Coenobita rugosus</i> H. Milne Edwards, 1837

(= *A. audouini* Coutière, 1905b)

(= *A. laevis* Randall, 1840)

(= *A. macrodactylus* Ortmann, 1890)

(= *A. phrygianus* Coutiere, 1905b)

(= *A. paraculeipes* Coutiere, 1905b)

(= *S. graveiri* Coutière, 1905b)

(= *Callianassia maldivensis*)

(= *Callianassa rotundicaudata*)

Kingdom	Phylum	Subphylum	Class
Animalia	Arthropoda	Crustacea	Malacostraca

Family	Species	
Corystidae	<i>Gomezia bicornis</i> Gray, 1831	
Diogenidae	<i>Calcinus gaimardii</i> (H. Milne Edwards, 1848)	
	<i>Cancellus investigatoris</i> Alcock, 1905	
	<i>Ciliopagurus strigatus</i> (Herbst, 1804)	(= <i>Aniculus strigatus</i>)
	<i>Clibanarius longitarsus</i> (De Haan, 1849)	(= <i>Pagurus asper</i> H. M. Edwards, 1848)
	<i>Clibanarius padavensis</i> De Man, 1888	
	<i>Diogenes alias</i> McLaughlin & Holthuis, 2001	(= <i>Cancer diogenes</i> Linnaeus, 1758)
	<i>Diogenes costatus</i> Henderson, 1893	
	<i>Diogenes investigatoris</i> Alcock, 1905	
	<i>Diogenes jousseaumei</i> (Bouvier, 1897)	
	<i>Diogenes manaarensis</i> (Henderson, 1893)	
	<i>Diogenes merguensis</i> De Man, 1888	
	<i>Diogenes miles</i> (Fabricius, 1787)	
	<i>Diogenes rectimanus</i> Miers, 1884	
	<i>Pseudopaguristes hians</i> Henderson 1888	
Dorippidae	<i>Notopus dorsipes</i> (Linnaeus, 1758)	(= <i>Dorippe dorsipes</i>)
Dotillidae	<i>Dotilla myctiroides</i> (H. Milne Edwards, 1852)	
Dromiidae	<i>Conchoecetes andamanicus</i> Alcock, 1900	
	<i>Cryptodromia amboinensis</i> Alcock, 1900	(= <i>C. demani</i>)
	<i>Cryptodromia bullifera</i> (Alcock, 1900)	(= <i>Cryptodromia gilesi</i> Alcock, 1899)
	<i>Dromidiopsis australiensis</i> (Haswell, 1882)	(= <i>Dromia australiensis</i>)
	<i>Lewindromia unidentata</i> (Rüppell, 1830)	(= <i>Dromia unidentata</i>)
Epiplatidae	<i>Acanthonyx scutellatus</i> MacLeay, 1838	(= <i>Acanthonyx macleaii</i> Krauss, 1843)
	<i>Doclea alcocki</i> Laurie, 1906	
	<i>Doclea rissoni</i> Leach, 1815	
	<i>Huenia proteus</i> de Haan, 1839	
	<i>Hyastenus brockii</i> de Man, 1887	
	<i>Hyastenus convexus</i> Miers, 1884	
	<i>Hyastenus hilgendorfi</i> de Man, 1887	
	<i>Hyastenus pleione</i> (Herbst, 1803)	
	<i>Lahaina agassizi</i> (Rathbun, 1902)	(= <i>Halimus agassizi</i>)
	<i>Menaethius monoceros</i> (Latreille, 1825)	
	<i>Phalangipus longipes</i> (Linnaeus, 1758)	(= <i>Egeria arachnoides</i> Rumphius, 1705)
	<i>Simocarcinus simplex</i> (Dana, 1852)	
	<i>Stilbognathus cervicornis</i> (Herbst, 1803)	(= <i>Stenocionops cervicornis</i>)
	<i>Thusaenys irami</i> (Laurie, 1906)	
	<i>Thusaenys pehlevi</i> (Laurie, 1906)	(= <i>Halimus pehlevi</i>)
	<i>Xenocarcinus tuberculatus</i> White, 1847	

Kingdom	Phylum	Subphylum	Class
Animalia	Arthropoda	Crustacea	Malacostraca

Family	Species	
Galatheidae		
	<i>Allogalatea elegans</i> (Adams & White, 1848)	(= <i>Galathea longirostris</i> Dana, 1852/ <i>G. grandirostris</i> Stimpson 1858)
	<i>Galathea australiensis</i> Stimpson, 1858	
	<i>Galathea corallicola</i> Haswell, 1882	
	<i>Munida japonica</i> Stimpson, 1858	
	<i>Raymunida elegantissima</i> (De Man, 1902)	(= <i>Munida alcocki</i> Southwell, 1906)
Hippolytidae		
	<i>Latreutes ceylonensis</i> Pearson, 1905	
	<i>Saron marmoratus</i> (Olivier, 1811)	(= <i>Nauticaris grandirostris</i> Pearson, 1905)
Inachidae		
	<i>Achaeus dubia</i> Laurie, 1906	
	<i>Achaeus lacertosus</i> Stimpson, 1858	
	<i>Camposcia retusa</i> (Latreille, 1829)	
	<i>Oncinopes araneus</i> (De Hann, 1839)	
	<i>Paratymolus hastatus</i> Alcock, 1895	
	<i>Sunipea indicus</i> (Alcock, 1895)	(= <i>Aprocremnus indicus</i>)
Leucosiidae		
	<i>Arcania erinacea</i> (Fabricius, 1787)	
	<i>Arcania tuberculata</i> Bell, 1855	
	<i>Coleusia urania</i> (Herbst, 1801)	(= <i>Leucosia urania</i>)
	<i>Cryptocnemus holdsworthi</i> Miers, 1877	
	<i>Ebalia diadumena</i> Alcock, 1896	
	<i>Ebalia maldivensis</i> Borradaile, 1903	
	<i>Euclosiana obtusifrons</i> (De Haan, 1841)	(= <i>Leucosia obtusifrons</i>)
	<i>Heterolithadia fallax</i> (Henderson, 1893)	
	<i>Hiplyra platycheir</i> (De Haan, 1841)	(= <i>Philyra platycheira</i>)
	<i>Ixa cylindrus</i> (Fabricius, 1777)	
	<i>Ixa pulcherrima</i> (Haswell, 1879)	(= <i>Arcania pulcherrima</i>)
	<i>Leucosia anatum</i> (Herbst, 1783)	(= <i>L. longifrons</i> De Hann, 1841)
	<i>Myra affinis</i> Bell, 1855	
	<i>Myra brevimana</i> Alcock, 1896	
	<i>Myra fugax</i> (Fabricius, 1798)	
	<i>Myrine kessleri</i> (Paul'son, 1875)	(= <i>M. darnleyensis</i> Haswell, 1875)
	<i>Nursia lar</i> (Fabricius, 1793)	(= <i>N. hardwickii</i> Leach, 1817)
	<i>Nursia plicata</i> (Herbst, 1803)	
	<i>Oreotlos havelocki</i> (Laurie, 1906)	
	<i>Philyra adamsii</i> Bell, 1855	
	<i>Pseudophilyra melita</i> de Man, 1888	
	<i>Pseudophilyra tridentata</i> Miers, 1879	
	<i>Seulocia pubescens</i> (Miers, 1877)	(= <i>Leucosia pubescens</i>)
	<i>Urnalana cumingii</i> (Bell, 1855)	(= <i>Leucosia cumingii</i>)
	<i>Urnalana haematosticta</i> (Adams & White, 1849)	(= <i>Leucosia haematosticta</i>)
Macrophthalmidae		
	<i>Venitus latreillei</i> (Desmarest, 1822)	(= <i>Macrophthalmus latreillei</i>)

Kingdom
Animalia

Phylum
Arthropoda

Subphylum
Crustacea

Class
Malacostraca

Family

Species

Majidae

Micippa margaritifera Henderson, 1893
Micippa parca Alcock, 1895
Micippa philyra (Herbst, 1803)
Micippa thalia (Herbst, 1803)
Naxia spinosa (Hess, 1865)
Naxioides hirtus A. Milne-Edwards, 1865
Naxioides investigatoris (Alcock, 1896)
Prismatopus longispinus (De Haan, 1839)
Pseudomicippe nodosa Heller, 1861
Schizophrys aspera (H. Milne Edwards, 1834)

(= *N. hirta*)

Matutidae

Ashtoret lunaris (Forskål, 1775)
Ashtoret miersii (Henderson, 1887)

(= *Matuta lunaris*)

(= *Matuta miersii*)

Ocypodidae

Ocyпода platytarsis H. Milne Edwards, 1852
Uca annulipes (H. Milne Edwards, 1837)

Oziidae

Ozium rugulosus Stimpson, 1858
Ozium tuberculatus H. Milne Edwards, 1834

Paguridae

Catapagurus ensifer Henderson, 1893
Dardanus setifer (H. Milne Edwards, 1848)
Nematopagurus muricatus Henderson, 1896
Pylopaguropsis zebra (Henderson, 1893)

(= *Pagurus setifer*)

(= *Eupagurus zebra*)

Palaemonidae

Anchistus custos (Forskål, 1775)
Conchodytes meleagrinae Peters, 1852
Cuapetes grandis (Stimpson, 1860a)
Urocaris longicaudata Stimpson, 1860a

(= *A. inermis* (Miers))

(= *Periclimenes vitiensis* Borradaile, 1898)

Parthenopidae

Aulacolambrus curvispinus (Miers, 1879)
Aulacolambrus hoplonotus (Adams & White, 1849)
Cryptopodia pan Laurie, 1906
Furtipodia petrosa (Klunzinger, 1906)
Parthenope longimanus (Linnaeus, 1758)
Platylambrus carinatus H. Milne Edwards, 1834 ?
Pseudolambrus beaumonti (Alcock, 1895)
Pseudolambrus tarpeius (Adams & White, 1849)
Rhinolambrus contrarius (Herbst, 1804)
Rhinolambrus longispinus (Miers, 1879)
Rhinolambrus pelagicus (Rüppell, 1830)

(= *Heterocrypta petrosa*)

Peneaeidae

Fenneropenaeus indicus H. Milne Edwards, 1837
Melicertus canaliculatus (Olivier, 1811)
Metapeneaeopsis acclivis (Rathbun, 1902b)

(= *Penaeus indicus*)

(= *Penaeus canaliculatus*)

(= *Parapeneaeus acclivis*)

Kingdom	Phylum	Subphylum	Class
Animalia	Arthropoda	Crustacea	Malacostraca

Family	Species	
	<i>Metapenaeopsis dalei</i> (Rathbun, 1902b)	(= <i>Parapenaeus dalei</i>)
	<i>Metapenaeopsis gallensis</i> (Pearson, 1905)	(= <i>Parapenaeus gallensis</i>)
	<i>Metapenaeopsis mogiensis</i> (Rathbun, 1902)	(= <i>Parapenaeus mogiensis</i>)
	<i>Metapenaeus dobsonii</i> (Miers, 1878)	(= <i>Penaeus dobsoni</i>)
	<i>Metapenaeus ensis</i> (De Haan, 1884)	(= <i>Penaeus incisipes</i>)
	<i>Penaeus monodon</i> Fabricius, 1798	
	<i>Penaeus semisulcatus</i> De Haan, 1844	
	<i>Trachypenaeus anchoralis</i> (Spence Bate, 1881)	(= <i>Parapenaeus anchoralis</i>)
Pilumnidae		
	<i>Actumnus asper</i> Rüppell, 1830	
	<i>Actumnus calypso</i> (Herbst, 1801)	(= <i>A. verrucosus</i> Henderson, 1893)
	<i>Actumnus fissifrons</i> Alcock, 1898	
	<i>Actumnus setifer</i> (De Haan, 1835)	
	<i>Calmania prima</i> Laurie, 1906	
	<i>Harrovia albolineata</i> Adams & White, 1849	
	<i>Mertonia lanka</i> Laurie, 1906	
	<i>Pilumnus cursor</i> A. Milne-Edwards, 1873	
	<i>Pilumnus longicornis</i> Hilgendorf, 1878	
	<i>Zebrida adamsi</i> White, 1847	
Pinnotheridae		
	<i>Pinnotheres margaritiferae</i> Laurie, 1906	
Plagusidae		
	<i>Neopalicus jukesii</i> (White, 1847)	(= <i>Palicus jukesii</i>)
	<i>Plagusia depressa</i> (Fabricius, 1775)	
	<i>Pseudopalicus serripes</i> (Alcock & Anderson, 1895)	(= <i>Palicus serripes</i>)
Porcellanidae		
	<i>Lissoporcellana quadrilobata</i> (Miers, 1884)	(= <i>Porcellana quadrilobata</i>)
	<i>Pachycheles pulchellus</i> Miers, 1884	
	<i>Petrolisthes amoenus</i> (Guérin-Méneville, 1855)	(= <i>P.serratus</i> Henderson, 1888)
	<i>Petrolisthes militaris</i> Heller, 1862	
	<i>Pisidia serratifrons</i> (Stimpson, 1858)	(= <i>Porcellana serratifrons</i>)
	<i>Polyonyx biunguiculatus</i> (Dana, 1852)	
	<i>Polyonyx obesulus</i> Miers, 1884	
Portunidae		
	<i>Cavoportunus dubius</i> (Laurie, 1906)	(= <i>Neptunus dubius</i>)
	<i>Charybdis natator</i> (Herbst, 1794)	
	<i>Charybdis orientalis</i> Dana, 1852	
	<i>Lissocarcinus laevis</i> Miers, 1886	
	<i>Lissocarcinus polybioides</i> Adams & White, 1849	
	<i>Lupocyclus philippinensis</i> Semper, 1880	
	<i>Lupocyclus rotundatus</i> Adams & White, 1849	
	<i>Portunus argentatus</i> (A. Milne-Edwards, 1861)	
	<i>Portunus convexus</i> De Haan, 1835	
	<i>Portunus euglyphus</i> (Laurie, 1906)	
	<i>Portunus hastatoides</i> Fabricius, 1798	
	<i>Portunus longispinosus bidens</i> (Laurie, 1906)	

Kingdom	Phylum	Subphylum	Class
Animalia	Arthropoda	Crustacea	Malacostraca

Family	Species	
	<i>Portunus pelagicus</i> (Linnaeus, 1758)	
	<i>Portunus petreus</i> (Alcock, 1899)	
	<i>Portunus sanguinolentus</i> (Herbst, 1783)	
	<i>Portunus spinipes</i> (Miers, 1886)	
	<i>Portunus tenuipes</i> (De Haan, 1835)	(= <i>Neptunus tenuipes</i>)
	<i>Thalamita admete</i> (Herbst, 1803)	
	<i>Thalamita chaptali</i> (Audouin & Savigny, 1817)	
	<i>Thalamita exetastica</i> Alcock, 1899	
	<i>Thalamita integra africana</i> Miers, 1881	
	<i>Thalamita investigatoris</i> Alcock, 1899	
	<i>Thalamita oculatea</i> Alcock, 1899	
	<i>Thalamita poissoni</i> (Audouin & Savigny, 1817)	
	<i>Thalamita sexlobata</i> Miers, 1886	
	<i>Thalamita woodmasoni</i> Alcock, 1899	
Processidae		
	<i>Processa canaliculata</i> Leach, 1815	
Raninidae		
	<i>Dorippoides facchino</i> Herbst, 1785	
	<i>Notosceles serratifrons</i> (Henderson, 1893)	(= <i>Raninoides serratifrons</i>)
Scalopidiidae		
	<i>Scalopidia spinosipes</i> Stimpson, 1858	
Scyllaridae		
	<i>Biarctus sordidus</i> (Stimpson, 1860)	(= <i>Scyllarus sordidus</i>)
	<i>Petrarctus rugosus</i> (H. Milne Edwards, 1837)	(= <i>Scyllarus tuberculatus</i> (Bate, 1888))
Trapeziidae		
	<i>Quadrella coronata</i> Dana, 1852	
	<i>Trapezia bidentata</i> (Forskål, 1775)	(= <i>T. ferruginea</i> Latreille, 1828)
	<i>Trapezia cymadoce</i> (Herbst, 1801)	
	<i>Trapezia glaberrima</i> (Herbst, 1799)	
	<i>Trapezia maculata</i> (MacLeay, 1838)	
	<i>Trapezia rufopunctata</i> (Herbst, 1799)	
Upogebiidae		
	<i>Upogebia intermedia</i> (De Man, 1888)	
Xanthidae		
	<i>Actaea granulata</i> (Audouin, 1826)	
	<i>Actaea peronii</i> (H. Milne Edwards, 1834)	
	<i>Actaea rueppellii</i> (Krauss, 1843)	
	<i>Atergatopsis alcocki</i> (Laurie, 1906)	(= <i>Actaea alcocki</i>)
	<i>Bruciana pediger</i> (Alcock, 1898)	
	<i>Chlorodiella nigra</i> (Forskål, 1775)	
	<i>Chlorodopsis pilumnoides</i> (White)	
	<i>Cyclodius nitidus</i> (Dana, 1852)	(= <i>Chlorodius sculptus</i> A. M. Edwards, 1873)
	<i>Cymo andreossyi</i> (Andouin, 1826)	
	<i>Euxanthus herdmani</i> Laurie, 1906	
	<i>Halimede ochtodes</i> (Herbst, 1783)	(= <i>Polycremnus ochtodes</i>)

Kingdom	Phylum	Subphylum	Class
Animalia	Arthropoda	Crustacea	Malacostraca

Family	Species	
	<i>Hypocolpus rugosus</i> (Henderson, 1893)	
	<i>Liomera monticulosa</i> (A. Milne-Edwards, 1873)	
	<i>Lophozozymus anaglyptus</i> (Heller, 1861)	
	<i>Lophozozymus dodone</i> (Herbst, 1801)	
	<i>Lophozozymus incisus</i> (H. Milne Edwards, 1834)	
	<i>Lophozozymus pulchellus</i> A. Milne-Edwards, 1867	
	<i>Macromedaeus distinguendus</i> (De Haan, 1835)	
	<i>Neoxanthops lineatus</i> (A. Milne-Edwards, 1867)	
	<i>Palapedia nitida</i> (Stimpson, 1858)	
	<i>Paraxanthias notatus</i> (Dana, 1852)	(= <i>Xanthodes notatus</i>)
	<i>Pilodius areolatus</i> (H. Milne Edwards, 1834)	
	<i>Pilodius pugil</i> Dana, 1852	
	<i>Pseudoliomera speciosa</i> Dana, 1852	
	<i>Pseudoliomera variolosa</i> (Borradaile, 1902)	(= <i>Actaea variolosa</i>)
	<i>Xanthias lamarcki</i> (H. Milne Edwards, 1834)	

Order

Euphausiacea

Family	Species	
Euphausiidae		
	<i>Pseudeuphausia latifrons</i> (G. O. Sars, 1883)	(= <i>Euphausia latifrons</i>)

Order

Isopoda

Family	Species	
Aegidae		
	<i>Aegiochus vigilans</i> (Haswell, 1881)	
	<i>Rocinela orientalis</i> Schioedte & Meinert, 1879B	
Arcturidae		
	<i>Amesopous richardsonae</i> Stebbing, 1905	
Cirolanidae		
	<i>Cirolana parva</i> Hansen, 1890	
	<i>Conilorpheus herdmani</i> Stebbing, 1905	
Corallanidae		
	<i>Argathona normani</i> Stebbing, 1905	
	<i>Lanocira zeylanica</i> Stebbing, 1905	
Cymothoidae		
	<i>Rhiothra callipia</i> Schioedte & Meinert, 1884	
Gnathiidae		
	<i>Elaphognathia insolita</i> (Stebbing, 1905)	
Joeropsididae		
	<i>Joeropsis curvicornis</i> (Nicolet, 1849)	
Sphaeromatidae		
	<i>Cilicæa beddardi</i> Stebbing, 1905	

Kingdom	Phylum	Subphylum	Class
Animalia	Arthropoda	Crustacea	Malacostraca

Family	Species
	<i>Cilicaea latreillei</i> Leach, 1818
	<i>Cilicaeopsis whiteleggei</i> (Stebbing, 1905)
	<i>Cymodoce bicarinata</i> Stebbing, 1904B
	<i>Cymodoce inornata</i> Whitelegge, 1902

Order

Mysida

Family	Species
Mysidae	<i>Siriella paulsoni</i> Kossmann, 1877

Order

Nebaliacea

Family	Species
Gonodactylidae	<i>Gonodactylus chiragra</i> (Fabricius, 1781)
	<i>Gonodactylus falcatus</i> Forskal, 1775
	<i>Gonodactylus glabrous</i> Brooks, 1886
	<i>Gonodactylus herdmani</i> Tattersall, 1906
	<i>Hoplosquilla acanthurus</i> (Tattersall, 1906)
Nebaliidae	<i>Nebalia bipes</i> (Fabricius, 1780)

(= *Gonodactylus acanthurus*)

Order

Stomatopoda

Family	Species
Lysiosquillidae	<i>Lysioerichthus</i> sp
	<i>Lysiosquilla maculata</i> Holthuis 1941
Nannosquillidae	<i>Bigelowina septemspinosa</i> Miers, 1881
Odontodactylidae	<i>Odontodactylus brevirostris</i> Miers 1884
Protosquillidae	<i>Chorisquilla spinosissima</i> (Pfeffer, 1888)
	<i>Haptosquilla pulchella</i> (Miers, 1880)
	<i>Haptosquilla trispinosa</i> (Dana, 1852)
Pseudosquillidae	<i>Pseudosquilla ciliata</i> (Fabricius, 1798)
Squillidae	<i>Anchisquilla fasciata</i> (de Haan, 1844)
	<i>Carinosquilla multica rinata</i> (White, 1848)
	<i>Cloridopsis scorio</i> (Latreille, 1828)

(= *Acanthosquilla acanthocarpus*)

(= *Protosquilla spinosissima*)

(= *Protosquilla pulchella*)

(= *Protosquilla trispinosa*)

Kingdom	Phylum	Subphylum	Class
Animalia	Arthropoda	Crustacea	Malacostraca

Family

Species

Erugosquilla woodmasoni (Kemp, 1911)
Harpiosquilla harpax (de Haan, 1844)
Harpiosquilla raphidea (Fabricius, 1798)
Miyakea nepa (Latreille, 1828)
Oratosquillina inornata (Tate, 1883)
Oratosquillina interrupta (Kemp, 1911)
Oratosquillina quinquedentata (Brooks, 1886)

(= *Squilla woodmasoni*)
(= *Carinosquilla harpax*)
(= *Squilla nepa*)

Order

Tanaidacea

Family

Species

Akanthophoreidae

Akanthophoreus gracilis (Kroyer, 1842)

(= *Tanais gracilis*)

Leptocheliidae

Leptochelia mirabilis Stebbing, 1905

Kingdom
Animalia

Phylum
Arthropoda

Subphylum
Crustacea

Class
Maxillopoda

They share a common body plan of five head segments, six thoracic segments and four abdominal segments. Both free living and parasitic forms exist, with free living planktonic forms forming the dominant component of zooplankton and playing a critical role in marine ecosystems. Over 200 species are reported from the GoM.



Order

Calanoida

Family

Species

Acartiidae

- Acartia (Acartia) negligens* Dana, 1849
- Acartia (Acartiura) clausi* Giesbrecht, 1889
- Acartia (Odontacartia) centrura* Giesbrecht, 1889
- Acartia (Odontacartia) erythraea* Giesbrecht, 1889

Aetideidae

- Aetideus armatus* (Boeck, 1872)
- Euchirella messinensis messinensis* (Claus, 1863)
- Euchirella rostrata* (Claus, 1866)
- Euchirella unispina* Park, 1968
- Pseudocalanus elongatus* (Boeck, 1865)
- Pseudochirella spinosa* (Wolfenden, 1911)
- Undeuchaeta plumosa* (Lubbock, 1856)

(= *U. minor*)

Calanidae

- Calanus helgolandicus* (Claus, 1863)
- Canthocalanus pauper* (Giesbrecht, 1888)
- Cosmocalanus darwini* (Lubbock, 1860)
- Nannocalanus minor* (Claus, 1863)
- Neocalanus gracilis* (Dana, 1852)
- Neocalanus robustior* (Giesbrecht, 1888)
- Undinula vulgaris* (Dana, 1849)

(= *C. darwini*)

Candaciidae

- Candacia armata* Boeck, 1872
- Candacia bispinosa* (Claus, 1863)
- Candacia bradyi* Scott A., 1902
- Candacia catula* (Giesbrecht, 1889)
- Candacia curta* (Dana, 1849)
- Candacia ethiopica* (Dana, 1849)
- Candacia longimana* (Claus, 1863)
- Candacia pachydactyla* (Dana, 1849)
- Candacia simplex* (Giesbrecht, 1889)
- Candacia truncata* (Dana, 1849)

Centropagidae

- Centropages chierchiae* Giesbrecht, 1889
- Centropages calaninus* (Dana, 1849)
- Centropages dorsipinnatus* Thompson I.C. & Scott A., 1903

Kingdom
Animalia

Phylum
Arthropoda

Subphylum
Crustacea

Class
Maxillopoda

Family	Species
Clausocalanidae	<i>Clausocalanus arcuicornis</i> (Dana, 1849)
Eucalanidae	<i>Eucalanus subcrassus</i> Giesbrecht, 1888 <i>Pareucalanus attenuatus</i> (Dana, 1849)
Euchaetidae	<i>Euchaeta marina</i> (Prestandrea, 1833) <i>Paraeuchaeta barbata</i> (Brady, 1883) <i>Paraeuchaeta concinna</i> (Dana, 1849)
Heterorhabdidae	<i>Heterorhabdus spinifrons</i> (Claus, 1863)
Lucicutiidae	<i>Lucicutia flavicornis</i> (Claus, 1863)
Mecynoceridae	<i>Mecynocera clausi</i> Thompson I.C., 1888
Metridinidae	<i>Pleuromamma abdominalis</i> (Lubbock, 1856) <i>Pleuromamma gracilis</i> Claus, 1863 <i>Pleuromamma xiphias</i> (Giesbrecht, 1889)
Paracalanidae	<i>Paracalanus parvus</i> (Claus, 1863)
Phaennidae	<i>Phaenna spinifera</i> Claus, 1863
Pontellidae	<i>Calanopia aurivilli</i> Cleve, 1901 <i>Calanopia elliptica</i> (Dana, 1849) <i>Calanopia minor</i> Scott A., 1902 <i>Labidocera acuta</i> (Dana, 1849) <i>Labidocera detruncata</i> (Dana, 1849) <i>Labidocera kroyeri</i> (Brady, 1883) <i>Labidocera minuta</i> Giesbrecht, 1889 <i>Labidocera pavo</i> Giesbrecht, 1889 <i>Labidocera pectinata</i> Thompson I.C. & Scott A., 1903 <i>Pontella fera</i> Dana, 1849 <i>Pontella perspicax</i> Dana, 1849 <i>Pontella plumata</i> Dana, 1849 <i>Pontella princeps</i> Dana, 1849 <i>Pontella regalis</i> Dana, 1849 <i>Pontella securifer</i> Brady, 1883 <i>Pontella strenua</i> Dana, 1849 <i>Pontella tenuiremis</i> Giesbrecht, 1889 <i>Pontellopsis armata</i> (Giesbrecht, 1889) <i>Pontellopsis herdmani</i> Thompson I.C. & Scott A., 1903 <i>Pontellopsis krameri</i> (Giesbrecht, 1896)

Kingdom	Phylum	Subphylum	Class
Animalia	Arthropoda	Crustacea	Maxillopoda

Family	Species
Pseudocyclopidae	<i>Pseudocyclops obtusatus</i> Brady & Robertson D., 1873
Pseudodiaptomidae	<i>Pseudodiaptomus salinus</i> (Giesbrecht, 1896) <i>Pseudodiaptomus serricaudatus</i> (Scott T., 1894)
Rhincalanidae	<i>Rhincalanus nasutus</i> Giesbrecht, 1888
Ridgewayiidae	<i>Ridgewayia typica</i> Thompson I.C. & Scott A., 1903
Scolecitrichidae	<i>Archescoclecithrix auropecten</i> (Giesbrecht, 1893) <i>Macandrewella chelipes</i> (Giesbrecht, 1896) <i>Scolecithrix bradyi</i> Giesbrecht, 1888 <i>Scolecithrix danae</i> (Lubbock, 1856) <i>Scolecitrichopsis tenuipes</i> (Scott T., 1894)
Subeucalanidae	<i>Subeucalanus crassus</i> (Giesbrecht, 1888) <i>Subeucalanus monachus</i> (Giesbrecht, 1888) <i>Subeucalanus pileatus</i> (Giesbrecht, 1888) <i>Subeucalanus subtenuis</i> (Giesbrecht, 1888)
Temoridae	<i>Temora discaudata</i> Giesbrecht, 1889 <i>Temora stylifera</i> (Dana, 1849) <i>Temora turbinata</i> (Dana, 1849)
Tortanidae	<i>Tortanus gracilis</i> (Brady, 1883) <i>Tortanus forcipatus</i> (Giesbrecht, 1889)

(= *Aechescoclecithrix auropecten*)
(= *Scolecithrix chelipes*)

Order

Cyclopoida

Family	Species
Botryllophilidae	<i>Botryllophilus ruber</i> Hesse, 1864
Cyclopidae	<i>Euryte longicauda</i> Philippi, 1843
Notodelphyidae	<i>Doropygella normani</i> (Brady, 1878) <i>Doropygus pulex</i> Thorell, 1859
Oithonidae	<i>Oithona minuta</i> Scott, 1894 <i>Oithona nana</i> Giesbrecht, 1893 <i>Oithona plumifera</i> Baird, 1843 <i>Oithona rigida</i> Giesbrecht, 1896 <i>Oithona setigera</i> Dana, 1852

(= *Thorellia brunnea* Boeck, 1865)

Kingdom	Phylum	Subphylum	Class
Animalia	Arthropoda	Crustacea	Maxillopoda

Family	Species
	<i>Oithona similis</i> Claus, 1866
	<i>Oithona spinifrons</i> Boeck, 1865

Order

Harpacticoida

Family	Species
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Ameiridae

<i>Ameira minor</i> Thompson I.C. & Scott A., 1903	
<i>Sarsameira tenuipes</i> (Thompson I.C. & Scott A., 1903)	(= <i>Ameira tenuipes</i>)

Canuellidae

<i>Intersunaristes curticaudatus</i> (Thompson I.C. & Scott A., 1903)	(= <i>Sunaristes curticaudata</i>)
<i>Scottolana inopinata</i> (Thompson I.C. & Scott A., 1903)	(= <i>Sunaristes inopinata</i>)
<i>Scottolana longipes</i> (Thompson I.C. & Scott A., 1903)	(= <i>Sunaristes longipes</i>)

Cletodidae

<i>Cletodes linearis</i> (Claus, 1866)	
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Dactylopusiidae

<i>Dactylopusia hamiltoni</i> Thompson I.C. & Scott A., 1903	
<i>Dactylopusia aemula</i> Thompson I.C. & Scott A., 1903	
<i>Dactylopusia ceylonica</i> Thompson I.C. & Scott A., 1903	
<i>Dactylopusia dentata</i> Thompson I.C. & Scott A., 1903	
<i>Dactylopusia hirsuta</i> Thompson I.C. & Scott A., 1903	
<i>Dactylopusia laticauda</i> Thompson I.C. & Scott A., 1903	
<i>Dactylopusia platysoma</i> Thompson I.C. & Scott A., 1903	
<i>Dactylopusia robusta</i> Thompson I.C. & Scott A., 1903	
<i>Dactylopusia tisboides</i> (Claus, 1863)	
<i>Diarthrodes imbricatus</i> (Brady, 1883)	(= <i>Pseudothalestris imbricata</i>)
<i>Paradactylopusia latipes</i> (Boeck, 1865)	(= <i>Dactylopusia latipes</i>)

Ectinosomatidae

<i>Ectinosoma normani</i> Scott T. & A., 1896	
<i>Ectinosoma propinquum</i> Scott T. & A., 1896	
<i>Microsetella atlantica</i> Brady & Robertson D., 1873	
<i>Microsetella rosea</i> (Dana, 1848)	(= <i>Ectinosoma roseum</i>)

Euterpinidae

<i>Euterpina acutifrons</i> (Dana, 1847)	
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Harpacticidae

<i>Harpacticus chelifera</i> O.F. Muller, 1776	
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Laophontidae

<i>Applanola hirsuta</i> (Thompson I.C. & Scott A., 1903)	(= <i>Laophonte hirsuta</i>)
<i>Laophonte inornata</i> Scott A., 1902	
<i>Laophonte serrata</i> (Claus, 1863)	

Longipedidae

<i>Longipedia coronata</i> Claus, 1863	
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Louriniidae

<i>Lourinia aculeata</i> (Thompson I.C. & Scott A., 1903)	(= <i>Ceylonia aculeata</i>)
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Kingdom	Phylum	Subphylum	Class
Animalia	Arthropoda	Crustacea	Maxillopoda

Family	Species	
Metidae		
	<i>Metis affinis</i> (Scott T., 1894)	(= <i>Ilyopsyllus affinis</i>)
Miraciidae		
	<i>Macrosetella gracilis</i> (Dana, 1847)	(= <i>Setella gracilis</i>)
	<i>Delavalia minuta</i> Scott, A. 1902	(= <i>Stenhelia minuta</i>)
	<i>Miracia efferata</i> Dana, 1849	
	<i>Robertsonia knoxi knoxi</i> (Thompson I.C. & Scott A., 1903)	
	<i>Stenhelia brevicornis</i> (Thompson I.C. & Scott A., 1903)	
	<i>Stenhelia dentipes</i> (Thompson I.C. & Scott A., 1903)	
	<i>Stenhelia gracilicaudata</i> (Thompson I.C. & Scott A., 1903)	
	<i>Stenhelia longicornis</i> (Thompson I.C. & Scott A., 1903)	
	<i>Stenhelia perplexa</i> Thompson I.C. & Scott A., 1903	
	<i>Stenhelia similis</i> Scott, A. 1896	
Parastenheliidae		
	<i>Parastenhelia hornelli</i> Thompson I.C. & Scott A., 1903	
	<i>Parastenhelia hornelli krusadensis</i> Krishnaswamy, 1957	
Peltidiidae		
	<i>Clytemnestra rostrata</i> (Brady, 1883)	
	<i>Clytemnestra scutellata</i> Dana, 1849	
	<i>Peltidium angulatum</i> Thompson I.C. & Scott A., 1903	
	<i>Peltidium ovale</i> Thompson I.C. & Scott A., 1903	
	<i>Peltidium perplexum</i> Thompson I.C. & Scott A., 1903	
	<i>Peltidium serratum</i> Thompson I.C. & Scott A., 1903	
	<i>Peltidium speciosum</i> Thompson I.C. & Scott A., 1903	
Porcellidiidae		
	<i>Porcellidium acuticaudatum</i> Thompson I.C. & Scott A., 1903	
	<i>Porcellidium ravanae</i> Thompson I.C. & Scott A., 1903	
Tegastidae		
	<i>Tegastes chalmersi</i> Thompson I.C. & Scott A., 1903	
	<i>Tegastes donnani</i> Thompson I.C. & Scott A., 1903	
	<i>Tegastes imthurni</i> Thompson I.C. & Scott A., 1903	
	<i>Tegastes nigrans</i> (Scott T. & A., 1894)	
	<i>Tegastes twynami</i> Thompson I.C. & Scott A., 1903	
Tetragonicepsidae		
	<i>Laophontella typica</i> Thompson I.C. & Scott A., 1903	
	<i>Phyllopodopsyllus minor</i> (Thompson I.C. & Scott A., 1903)	(= <i>Tetragoniceps minor</i>)
	<i>Tetragoniceps dubia</i> Thompson I.C. & Scott A., 1903	
Thalestridae		
	<i>Thalestris mysis</i> Claus, 1863	

Kingdom	Phylum	Subphylum	Class
Animalia	Arthropoda	Crustacea	Maxillopoda

Order

Poecilostomatida

Family	Species	
Bomolochidae		
	<i>Bomolochus unicirrus</i> Richiardi, 1880	
	<i>Nothobomolochus scomberesocis</i> (Krøyer, 1863)	(= <i>Bomolochus scomberesocis</i>)
Chondracanthidae		
	<i>Acanthochondria cornuta</i> (Müller O.F., 1776)	(= <i>Chondracanthus cornutus</i>)
	<i>Acanthochondria cynoglottidis</i> (Thompson I.C. & Scott A., 1903)	(= <i>Chondracanthus cynoglottidis</i>)
Clausidiidae		
	<i>Hemicyclops dubia</i> (Thompson I.C. & Scott A., 1903)	
	<i>Hemicyclops leggii</i> (Thompson I.C. & Scott A., 1903)	
	<i>Hemicyclops tamilensis</i> (Thompson I.C. & Scott A., 1903)	
Corycaeidae		
	<i>Corycaeus carinatus</i> Giesbrecht, 1891	
	<i>Corycaeus concinnus</i> Dana, 1849	
	<i>Corycaeus furcifer</i> Claus, 1863	
	<i>Corycaeus gibbulus</i> Giesbrecht, 1891	
	<i>Corycaeus longicaudis</i> Dana, 1849	
	<i>Corycaeus longistylis</i> Dana, 1849	
	<i>Corycaeus obtusus</i> Dana, 1849	
	<i>Corycaeus speciosus</i> Dana, 1849	
	<i>Corycaeus venustus</i> Dana, 1849	
	<i>Ditrichocorycaeus lubbocki</i> (Giesbrecht, 1891)	(= <i>Corycaeus lubbockii</i>)
	<i>Ditrichocorycaeus tenuis</i> (Giesbrecht, 1891)	(= <i>Corycaeus tenuis</i>)
Lichomolgidae		
	<i>Lichomolrus elegans</i> I. C. Thompson & A. Scott, 1903	
	<i>Lichomolrus gigas</i> I. C. Thompson & A. Scott, 1903	
	<i>Lichomolrus ierversi</i> I. C. Thompson & A. Scott, 1903	
	<i>Lichomolrus minor</i> Scott A., 1902	
	<i>Stellicola curticaudatus</i> (Thompson I.C. & Scott A., 1903)	
	<i>Synstellicola gracilis</i> (Thompson I.C. & Scott A., 1903)	(= <i>Lichomolrus gracilis</i>)
	<i>Synstellicola lankensis</i> (Thompson I.C. & Scott A., 1903)	
Macrochironidae		
	<i>Paramacrochiron maximum</i> (Thompson I.C. & Scott A., 1903)	(= <i>Pseudanthessius maximum</i>)
	<i>Macrochiron cheliferum</i> (Thompson I.C. & Scott A., 1903)	
Oncaeiidae		
	<i>Oncaea media</i> Giesbrecht, 1891	
	<i>Oncaea mediterranea</i> (Claus, 1863)	
	<i>Oncaea venusta</i> Philippi, 1843	
	<i>Triconia conifera</i> (Giesbrecht, 1891)	(= <i>Oncaea conifera</i>)
	<i>Triconia minuta</i> (Giesbrecht, 1893)	(= <i>Oncaea minuta</i>)
Pseudanthessiidae		
	<i>Pseudanthessius concinnus</i> Thompson I.C. & Scott A., 1903	
	<i>Senariellus liber</i> (Brady, 1880)	

Kingdom	Phylum	Subphylum	Class
Animalia	Arthropoda	Crustacea	Maxillopoda

Family	Species
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Rhynchomolgidae

- Colobomolgus dentipes* (Thompson I.C. & Scott A., 1903)
- Critomolgus buddhensis* (Thompson I.C. & Scott A., 1903)
- Doridicola longicauda* (Claus, 1860)
- Doridicola simplex* (Thompson I.C. & Scott A., 1903)
- Paradoridicola robustus* (Thompson I.C. & Scott A., 1903)

Sapphirinidae

- Copilia mirabilis* Dana, 1852
- Sapphirina auronitens* Claus, 1863
- Sapphirina bicuspidata* Giesbrecht, 1891
- Sapphirina intestinata* Giesbrecht, 1891
- Sapphirina metallina* Dana, 1849
- Sapphirina nigromaculata* Claus, 1863
- Sapphirina ovalis* Dana, 1849
- Sapphirina salpae* Claus, 1859
- Sapphirina sinuicauda* Brady, 1883

Synapticolidae

- Scambicornus robustus* (Thompson I.C. & Scott A., 1903)

Order

Siphonostomatoidea

Family	Species
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Asterocheridae

- Asterocheres dentatus* Giesbrecht, 1897
- Asterocheres major* Thompson I.C. & Scott A., 1903
- Asterocheres mannarensis* Thompson I.C. & Scott A., 1903
- Asterocheres minor* Thompson I.C. & Scott A., 1903
- Asterocheres minutus* (Claus, 1889)
- Asterocheres simulans* (T. Scott, 1898)
- Asteropontius typicus* I. C. Thompson & A. Scott, 1903
- Asteropontoides attenuatus* (Thompson I.C. & Scott A., 1903) (= *Asteropontius attenuatus*)

Caligidae

- Caligus dakari* Beneden, 1892
- Caligus diaphanus* van Nordmann, 1832
- Lepeophtheirus aesopus* Wilson C.B., 1906
- Lepeophtheirus brachyurus* Heller, 1865
- Lepeophtheirus thompsoni* Baird, 1850
- Sciaenophilus tenuis* Beneden, 1852 (= *Caligus benedeni*)

Dissonidae

- Dissonus spinifer* Wilson C.B., 1906

Hatschekiidae

- Hatschekia pholas* (Wilson C.B., 1906)

Pennellidae

- Peniculus furcatus* Krøyer, 1863

Trebiidae

- Trebius exilis* Wilson C.B., 1906

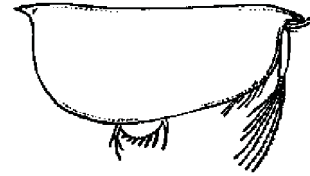
Kingdom
Animalia

Phylum
Arthropoda

Subphylum
Crustacea

Class
Ostracoda

These are small crustaceans with a flattened body covered by a bivalve like shell. Most species are benthic, but some are planktonic. Over 30 species are reported from the GoM.



Order

Myodocopida

Family	Species
Cylindroleberididae	
<i>Cyclasterope arthuri</i> (Stebbing, 1900)	(= <i>Asterope arthuri</i>)
<i>Synasterope oculata</i> (Brady, 1902)	(= <i>Asterope oculata</i>)
Sarsiellidae	
<i>Sarsiella gracilis</i> Scott, 1905	
<i>Sarsiella ornithoides</i> Brady, 1902	
<i>Sarsiella similis</i> Scott, 1905	
incertae cedis	
<i>Pyrocypris chierchiaie</i> Muller, 1890	

Order

Podocopida

Family	Species
Bairdiidae	
<i>Bairdia faveolata</i> Brady, 1867	
<i>Bairdoppilata hirsuta</i> Brady, 1880	
<i>Bairdoppilata villosa</i> (Brady, 1880)	(= <i>Paranesidea villosa</i>)
<i>Neonesidea amygdaloides</i> (Brady, 1880)	
<i>Neonesidea woodwardiana</i> (Brady, 1880)	
<i>Paranesidea attenuata</i> (Brady, 1880)	
Bythocyprididae	
<i>Anchistrocheles bradyi</i> Scott, 1905	
Cytheridae	
<i>Cythere darwini</i> Brady, 1868	
<i>Cythere ovalis</i> Brady, 1880	
<i>Cythere polytrema</i> Chapman, 1912	
<i>Cythere rectangularis</i> Brady, 1869	
<i>Cythere rupertii</i> Brady, 1886	
<i>Cythere stimpsoni</i> Brady, 1868	
Loxoconchidae	
<i>Loxoconcha alata</i> Brady, 1868	
<i>Loxoconcha anomala</i> Brady, 1880	
<i>Loxoconcha australis</i> Brady, 1880	
Macrocyprididae	
<i>Macrocypris decora</i> (Brady, 1866)	
<i>Macrocypris maculata</i> (Brady, 1866)	

Kingdom	Phylum	Subphylum	Class
Animalia	Arthropoda	Crustacea	Ostracoda

Family	Species
	<i>Macrocypris orientalis</i> Brady, 1868 <i>Macropyxis similis</i> (Brady, 1880)
Pectocytheridae	<i>Kotoracythere inconspicua</i> (Brady, 1880)
Pontocyprididae	<i>Propontocypris herdmani</i> (Scott, 1905) <i>Propontocypris robusta</i> (Scott, 1905) <i>Propontocypris tumida</i> (Scott, 1905)
Xestoleberididae	<i>Foveoleberis foveolata</i> Brady, 1880 <i>Xestgoleberis tumida</i> (Reuss, 1850) <i>Xestoleberis margaritea</i> (Brady, 1866) <i>Xestoleberis tumefacta</i> Brady, 1880 <i>Xestoleberis variegata</i> Brady, 1880

(= *Erthyrocypris herdmani*)
 (= *Pontocypris robusta*)
 (= *Pontocypris tumida*)
 (= *Xestoleberis foveolata*)

Kingdom	Phylum	Class
Animalia	Arthropoda	Insecta

Members of the family Gerridae called sea skaters are one of the few that can survive in the open seas. They are wingless, with small bodies and long legs. Members of the family Veliidae are smaller, and inhabit coastal waters. All species are predatory. Over a dozen species are reported from the GoM, and it is likely more exist.



Order
Hemiptera

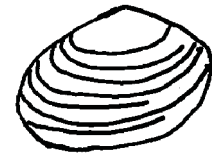
Family	Species
Gerridae	<i>Halobates formidabilis</i> (Distant, 1910) <i>Halobates flaviventris</i> Eschscholtz, 1822 <i>Halobates sexualis</i> Distant, 1903 <i>Halobates micans</i> Eschscholtz, 1910 <i>Halobates germanus</i> White, 1883 <i>Asclepios annandalei</i> Distant, 1910
Veliidae	<i>Xenobates</i> sp.1 (undescribed) <i>Xenobates</i> sp.2 (undescribed)

Kingdom
Animalia

Phylum
Mollusca

Class
Bivalvia

They are characterized by a laterally compressed body enclosed in a hinged shell. The majority of species are filter feeders. Over 200 species are reported from the GoM many of which are of commercial importance, mostly for consumption, but also for pearls.



Order

Anomalodesmata

Family

Species

Laternulidae

Laternula anatina (Linnaeus, 1758)

Laternula liataudi (Mitre, 1844)

(= *L. corugata* Reeve, 1863)

Penicillidae

Brechites dichotomus (Chenu, 1843)

Order

Arcoida

Family

Species

Arcidae

Anadara deshayesi Hanley, 1843

Anadara gubernaculum (Reeve, 1844)

Anadara inaequalis (Bruguière, 1789)

Arca navicularis Bruguière, 1789

Arca noae Linnaeus, 1758

Arca patriarchalis Röding, 1798

Arca zebra (Swainson, 1833)

Barbatia amygdalumtostum (Röding, 1798)

Barbatia barbata (Linnaeus, 1758)

Barbatia candida (Helbling, 1779)

Barbatia foliata (Forsskål in Niebuhr, 1775)

Barbatia trapezina (Lamarck, 1819)

Scapharca compacta Reeve, 1844

Striarca symmetrica (Reeve, 1844)

Trisidos tortuosa (Linnaeus, 1758)

(= *Arca gubernaculum*)

(= *Arca inaequalis*)

(= *Arca avellana*)

(= *Arca fusca*)

(= *Arca complanata*)

(= *Barbatia lima*)

(= *Barbatia decussata*)

(= *Arca symmetrica*)

Cucullaeidae

Cucullaea petita Iredale, 1939

(= *Cucullaea concamerata*)

Glycymerididae

Glycymeris holoserica (Reeve, 1843)

Limopsidae

Limopsis belcheri (Adams & Reeve, 1850)

Limopsis multistriata (Forsskål in Niebuhr, 1775)

Noetiidae

Sheldonella lateralis (Reeve, 1844)

Kingdom
Animalia

Phylum
Mollusca

Class
Bivalvia

Order
Carditoida

Family	Species
Carditidae	
<i>Arcturellina abyssicola</i> (Hinds, 1845)	(= <i>Cardita abyssicola</i>)
<i>Cardita crassicosta</i> Lamarck, 1819	(= <i>Beguina crassicosta</i>)
<i>Cardita variegata</i> Bruguière, 1792	(= <i>Beguina variegata</i>)
<i>Cardites bicolor</i> (Lamarck, 1819)	(= <i>Cardita bicolor</i>)

Order
Caritoida

Family	Species
Crassatellidae	
<i>Bathytormus radiata</i> (G.B. Sowerby I, 1825)	(= <i>Crassatellites radiata</i>)
<i>Crenocrassatella rostrata</i> (Lamarck, 1818)	(= <i>Crassatella rostrata</i>)

Order
Euheterodonta

Family	Species
Pharidae	
<i>Siliqua radiata</i> (Linnaeus, 1758)	(= <i>Solen radiata</i>)
Solenidae	
<i>Solen vagina</i> Linnaeus, 1758	
<i>Solen vaginoides</i> Lamarck, 1818	(= <i>S. aspersus</i> Duncker, 1862)

Order
Limoida

Family	Species
Limidae	
<i>Ctenoides scabra</i> (Born, 1778)	
<i>Lima lima</i> (Linnaeus, 1758)	
<i>Limaria fragilis</i> (Gmelin, 1791)	(= <i>Lima fragilis</i>)

Order
Lucinoidea

Family	Species
Lucinidae	
<i>Anodontia (Anodontia) edentula</i> (Linnaeus, 1758)	(= <i>Lucina edentula</i>)
<i>Anodontia (Cryptophysema) vesicula</i> (Gould, 1850)	(= <i>Lucina vesicula</i>)
<i>Anodontia (Euanodontia) ovum</i> (Reeve, 1850)	(= <i>Lucina ovum</i>)
<i>Ctena divergens</i> (Philippi, 1850)	(= <i>Codakia divergens</i>)
<i>Divaricella cumingi</i> (Adams, A & Angus, 1864)	
<i>Fimbria soverbii</i> (Reeve, 1842)	(= <i>Corbis sowerbyi</i>)
<i>Pillucina angela</i> (Melvill, 1899)	(= <i>Codakia angela</i>)

Kingdom
Animalia

Phylum
Mollusca

Class
Bivalvia

Order
Myoida

Family	Species
Corbulidae	
	<i>Corbula scaphoides</i> Hinds, 1843
	<i>Corbula sulcosa</i> H. Adams, 1870
	<i>Corbula taitensis</i> Lamarck, 1818
	(= <i>Aloidis modesta</i> Reeve, 1843)
Gastrochaenidae	
	<i>Cucurbitula cymbium</i> (Spengler, 1783)
	(= <i>Gastrochaena lagenula</i>)
	<i>Gastrochaena cuneiformis</i> Spengler, 1783
	(= <i>G. lamellosa</i>)
	<i>Gastrochaena indistincta</i> Deshayes, 1854
	<i>Spenglerichaena apertissima</i> (Deshayes, 1855)
	(= <i>Gastrochaena apertissima</i>)
Pholadidae	
	<i>Jouannetia cumingii</i> (G. B. Sowerby II, 1849)
	<i>Jouannetia globulosa</i> (Quoy and Gaimard, 1835)
	<i>Martesia striata</i> (Linnaeus, 1758)
	<i>Pholas orientalis</i> Gmelin, 1791

Order
Mytiloida

Family	Species
Mytilidae	
	<i>Arcuatula japonica</i> (Dunker, 1857)
	(= <i>Volsella japonicus</i>)
	<i>Brachidontes variabilis</i> Krauss, 1848
	<i>Lithophaga cinnamomea</i> (Lamarck, 1819)
	(= <i>Lithophagus cinnamoomea</i>)
	<i>Lithophaga gracilis</i> (Philippi, 1847)
	(= <i>Lithophagus gracilis</i>)
	<i>Lithophaga nigra</i> (d'Orbigny, 1853)
	(= <i>Lithophagus nigra</i>)
	<i>Lithophaga straminea</i> (Reeve, 1858)
	(= <i>Lithophagus straminea</i>)
	<i>Leiosolenus obesus</i> (Philippi, 1847)
	(= <i>Lithophagus obesus</i>)
	<i>Modiola caudigera</i> Lamarck, 1819
	(= <i>Lithophagus caudigerus</i>)
	<i>Modiolus barbatus</i> (Linnaeus, 1758)
	(= <i>Modiolus tulipa</i>)
	<i>Modiolus americanus</i> (Leach, 1815)
	(= <i>Modiolus metcalfei</i>)
	<i>Modiolus modulaides</i> (Röding, 1798)
	<i>Modiolus trailii</i> (Reeve, 1857)
	<i>Musculista perfragilis</i> (Dunker, 1857)
	(= <i>Modiolus perfragilis</i>)
	<i>Musculus cumingianus</i> (Reeve, 1857)
	(= <i>Musculus cumingiana</i>)
	<i>Musculus nanus</i> (Dunker, 1856)
	(= <i>Perna indica</i>)
	<i>Perna perna</i> (Linnaeus, 1758)
	<i>Perna viridis</i> (Linnaeus, 1758)
	<i>Septifer bilocularis</i> (Linnaeus, 1758)

Order
Nuculanoida

Family	Species
Nuculanidae	
	<i>Nuculana mauritiana</i> (G.B. Sowerby I, 1833)

Kingdom
Animalia

Phylum
Mollusca

Class
Bivalvia

Order
Ostreoida

Family	Species
Crassatellidae	
	<i>Crassatella rostrata</i> Lamarck, 1818
Ostreidae	
	<i>Crassostrea madrasensis</i> (Preston, 1916)
	<i>Dendostrea folium</i> (Linnaeus, 1758) (= <i>Ostrea folium</i>)
	<i>Hytotissa hyotis</i> (Linnaeus, 1758) (= <i>Ostrea hyotis</i>)
	<i>Lopha cristagalli</i> (Linnaeus, 1758) (= <i>Ostrea cristagalli</i>)
	<i>Saccostrea cucullata</i> (Born, 1778) (= <i>Ostrea cucullata</i>)
Pectinidae	
	<i>Decatopecten amiculum</i> (Philippi, 1851) (= <i>Pecten flabelloides</i>)
	<i>Decatopecten plica</i> (Linnaeus, 1758) (= <i>Pecten plica</i>)
	<i>Laevichlamys irregularis</i> (Sowerby, 1842) (= <i>Pecten irregularis</i>)
	<i>Mimachlamys crassicostata</i> (Sowerby, 1842) (= <i>Pecten crassicostatus</i>)
	<i>Mimachlamys sanguine</i> (Linnaeus, 1758)
	<i>Mimachlamys splendidula</i> (Sowerby, 1842) (= <i>Pecten splendidulus</i>)
	<i>Minnivola pyxidata</i> (Born, 1778) (= <i>Pecten pyxidatus</i>)
	<i>Notochlamys hexactes</i> (Lamarck, 1819)
	<i>Pecten pallium</i> Linnaeus, 1758
	<i>Volachlamys tranquebaria</i> (Gmelin, 1791) (= <i>Pecten tranquebaricus</i>)

Order
Pectinoida

Family	Species
Plicatulidae	
	<i>Plicatula australis</i> Lamarck, 1819
	<i>Plicatula ceylanica</i> Sowerby, 1873
	<i>Plicatula plicata</i> (Linnaeus, 1767)
Spondylidae	
	<i>Spondylus exilis</i> G.B. Sowerby III, 1895
	<i>Spondylus imperialis</i> Chenu, 1844
	<i>Spondylus layardi</i> Reeve, 1856
Pteriidae	
	<i>Isognomon isognomum</i> (Linnaeus, 1758)
	<i>Isognomon legumen</i> (Gmelin, 1791)
	<i>Isognomon nucleus</i> (Lamarck, 1819)

Order
Pterioida

Family	Species
Malleidae	
	<i>Malleus malleus</i> (Linnaeus, 1758) (= <i>M. vulgaris</i>)

Kingdom
Animalia

Phylum
Mollusca

Class
Bivalvia

Family	Species
Pinnidae	
<i>Atrina vexillum</i> (Born, 1778)	(= <i>Pinna nigra</i>)
<i>Pinna atropurpurea</i> G.B. Sowerby I, 1825	
<i>Pinna bicolor</i> Gmelin, 1791	
<i>Pinna fumata</i> Reeve, 1858	
<i>Pinna muricata</i> Linnaeus, 1758	(= <i>Pinna zebuensis</i>)
Pteriidae	
<i>Isognomon isognomum</i> (Linnaeus, 1758)	(= <i>Perna attenuata</i>)
<i>Pinctada imbricata fucata</i> (Gould, 1850)	(= <i>P. fucata</i>)
<i>Pinctada margaritifera</i> (Linnaeus, 1758)	
<i>Pinctada maxima</i> (Jameson, 1901)	(= <i>P. anomoides</i>)
<i>Pteria avicular</i> (Holten, 1802)	(= <i>Pteria chinensis</i>)
<i>Pteria heteroptera</i> (Lamarck, 1819)	(= <i>Pteria castanea</i>)
<i>Pteria physoides</i> (Lamarck, 1819)	(= <i>Avicula zebra</i>)
<i>Vulsella rugosa</i> Lamarck, 1819	
<i>Vulsella vulsella</i> Linnaeus, 1758	

Order

Veneroida

Family	Species
Cardiidae	
<i>Acrosterigma maculosum</i> (Wood, 1815)	
<i>Fragum fragum</i> (Linnaeus, 1758)	
<i>Fragum sueziense</i> (Issel, 1869)	
<i>Laevicardium lyratum</i> (Sowerby, 1840)	
<i>Lunulicardia retusa</i> (Linnaeus, 1767)	(= <i>L. subretusa</i>)
<i>Tridacna maxima</i> Röding, 1798	(= <i>T. elongata</i> Lamarck, 1819)
<i>Tridacna squamosa</i> Lamarck, 1819	
<i>Vasticardium assimile lacunosum</i> (Reeve, 1845)	
Chamidae	
<i>Chama fragum</i> Reeve, 1847	
<i>Chama lazarus</i> Linnaeus, 1758	(= <i>C. lazarus</i> Lamarck, 1819)
<i>Chama macerophylla</i> Gmelin, 1791	(= <i>C. reflexa</i> Reeve, 1846)
<i>Chama pacifica</i> Broderip, 1835	
<i>Pseudochama cristella</i> Lamarck, 1819	
Donacidae	
<i>Donax aperittus</i> Melvill, 1897	
<i>Donax cuneatus</i> Linnaeus, 1758	
<i>Donax faba</i> Gmelin, 1791	
<i>Donax incarnatus</i> Gmelin, 1791	
<i>Donax lubricus</i> Hanley, 1845	
<i>Donax scortum</i> (Linnaeus, 1758)	
<i>Donax spinosus</i> Gmelin, 1791	

Kingdom
Animalia

Phylum
Mollusca

Class
Bivalvia

Family

Species

Galeommatidae

Galeomma paucistriata Deshayes, 1856

Scintilla hanleyi Deshayes, 1856

Macrtridae

Mactra achatina Holten, 1802

(= *M. ornata* Gray, 1837)

Mactra antiquata Spengler, 1802

Mactra cuneata Gmelin, 1791

Mactra grandis Gmelin, 1791

(= *M. mera* Reeve, 1854)

Mactra luzonica Reeve, 1854

Mactra turgida Gmelin, 1791

Mactra violacea Gmelin, 1791

Meropesta nicobarica (Gmelin, 1791)

(= *Standella nicobarica*)

Spisula triangularis (Lamarck, 1819)

Mesodesmatidae

Atactodea glabrata (Gmelin, 1791)

(= *Mesodesma glabratum*)

Atactodea striata (Gmelin, 1791)

(= *Mesodesma trigona* Deshayes, 1832)

Montacutidae

Jousseaumia heterocyathi Bourne, 1906

Jousseaumia heteropsammiae Bourne, 1906

Semelidae

Semele casta (Reeve, 1853)

Semele crenulata (Reeve, 1853)

Semele striata (Reeve, 1853)

Tellinidae

Angulus tenellus A. E. Verrill, 1874

Tellina coarctata Philippi, 1845

Tellina angulata Chemnitz, 1782

Tellina ala Hanley, 1844

Tellina bruguieri Hanley, 1844

Tellina scalpellum Hanley, 1844

Veneridae

Antigona chemnitzii (Hanley, 1845)

(= *Venus chemnitzii*)

Antigona lamellaris Schumacher, 1817

Antigona reticulata (Linnaeus, 1758)

(= *Venus reticulata*)

Callista erycina (Linnaeus, 1758)

(= *Pitar erycina*)

Callista kingii (Gray in King, 1827)

Callista phasianella (Deshayes, 1853)

Circe scripta (Linnaeus, 1758)

Dosinia cretacea (Reeve, 1850)

Dosinia exoleta (Linnaeus, 1758)

(= *D. radiata*)

Dosinia herbariorum Fischer-Piette & Delmas, 1967

(= *D. puella*)

Dosinia histrio (Gmelin, 1791)

Dosinia lupinus (Linnaeus, 1758)

(= *D. modesta*)

Gafrarium dispar (Holten, 1802)

Gafrarium divaricatum (Gmelin, 1791)

(= *G. divaricata*)

Kingdom
Animalia

Phylum
Mollusca

Class
Bivalvia

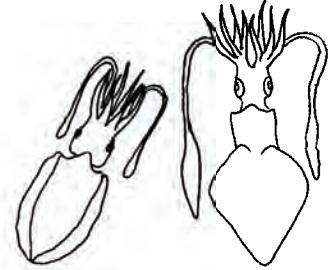
Family	Species
	<i>Gafrarium pectinatum</i> (Linnaeus, 1758)
	<i>Gafrarium tumidum</i> Roding, 1798
	<i>Irus exoticus</i> (Lamarck, 1818)
	<i>Lioconcha picta</i> Lamarck, 1818
	<i>Marcia opima</i> (Gmelin, 1791) (= <i>Katelsia opima</i>)
	<i>Meretrix casta</i> (Gmelin, 1791)
	<i>Paphia rotundata</i> (Linnaeus, 1758) (= <i>Paphia papillions</i>)
	<i>Paphia textile</i> (Gmelin, 1791) (= <i>Tapes textrix</i> (Deshayes, 1853))
	<i>Paphia malabarica</i> Chemnitz (= <i>P. malabaricus</i>)
	<i>Pelecypora trigona</i> (Reeve, 1850) (= <i>Dosinia trigona</i>)
	<i>Periglypta fischeri</i> (Recluz, 1852).
	<i>Petricola lapicida</i> (Gmelin, 1791) (= <i>P. divergens</i>)
	<i>Petricola lithophaga</i> (Retzius, 1788)
	<i>Petricolaria cultellus</i> (Deshayes, 1853) (= <i>Petricola cultellus</i>)
	<i>Pitar alabastrum</i> (Reeve, 1863)
	<i>Pitar nobilis</i> (Reeve, 1849)
	<i>Placamen calophyllum</i> (Philippi, 1836) (= <i>Callista calophylla</i>)
	<i>Placamen tiara</i> (Dilwyn, 1817) (= <i>Callista tiara</i>)
	<i>Sunetta scripta</i> (Linnaeus, 1758)
	<i>Timoclea imbricata</i> (G.B. Sowerby II, 1853) (= <i>Venus imbricata</i>)
	<i>Timoclea scabra</i> (Hanley, 1845) (= <i>Callista scabra</i>)
	<i>Venerupis macrophylla</i> Deshayes, 1853
	<i>Venerupis philippinarum</i> (Adams & Reeve, 1850) (= <i>Ruditapes philippinarum</i>)

Kingdom
Animalia

Phylum
Mollusca

Class
Cephalopoda

This group includes well known animals like the octopus, squid and cuttlefish, characterized by a prominent head and a set of tentacles armed with suckers. Most species can produce ink, which is expelled to deter predators. They also possess chromatophores which allow them to change colour rapidly, both for signaling and for camouflage. Over 20 species are reported from the GoM, many of which are commercially important.



Order

Myopsida

Family Species

Loliginidae

Doryteuthis sibogae Adam, 1954
Loliolus hardwickei (Gray, 1849)
Sepioteuthis lessoniana Lesson, 1830
Uroteuthis duvaucelii (d'Orbigny, 1835)

(= *Loliolus investigatoris*)
(= *Sepioteuthis arctipinnis*)
(= *Loligo indica*)

Order

Octopoda

Family Species

Octopodidae

Abdopus aculeatus (d'Orbigny, 1834)
Amphioctopus aegina (Gray, 1849)
Callistoctopus macropus (Risso, 1826)
Cistopus indicus (Rapp, 1835)
Octopus arborescens Hoyle, 1904
Octopus cyanea Gray, 1849
Octopus globosus Appelöf, 1886
Octopus hongkongensis Hoyle, 1885
Octopus rugosus Bose, 1792

Order

Sepiida

Family Species

Sepiadariidae

Sepiadarium kochi Steenstrup, 1881

Sepiidae

Sepia aculeata Van Hasselt, 1835
Sepia brevimana Steenstrup, 1875
Sepia pharaonis Ehrenberg, 1831
Sepia thurstoni Adam & Rees, 1966
Sepiella inermis (Van Hasselt, 1835)

Kingdom
Animalia

Phylum
Mollusca

Class
Cephalopoda

Order
Sepiolida

Family	Species
Sepiolidae	
	<i>Euprymna morsei</i> (Verrill, 1881)
	<i>Euprymna stenodactyla</i> (Grant, 1833)
	<i>Iniotheuthis maculosa</i> Goodrich, 1896

Order
Spirulida

Family	Species
Spirulidae	
	<i>Spirula spirula</i> (Linnaeus, 1758)

Kingdom

Animalia

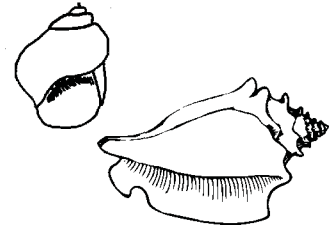
Phylum

Mollusca

Class

Gastropoda

This group includes a variety of species characterized by a muscular foot and a body encased in a shell. Over 400 species are reported from the GoM, some of which are commercially important, both for consumption and decorative purposes.



Order

Anaspidea

Family

Species

Aplysiidae

- Aplysia (Siphonata) elongata* (Pease, 1860)
- Aplysia benedicti* Bergh, 1905
- Aplysia cornigera* G.B. Sowerby I, 1869
- Aplysia intermedia* Farran, 1905
- Bursatella leachii* Blainville, 1817
- Dolabella auricularia* (Lightfoot, 1786)
- Dolabrifera dolabrifera* (Rang, 1828)
- Notarchus indicus* Schweigger, 1820
- Petalifera krusadala* Donoghue, 1930

Order

Archaeogastropoda

Family

Species

Angariidae

- Angaria atrata* (Reeve, 1843)
- Angaria delphinus* (Linnaeus, 1758)
- Angaria plicata* (Kiener, 1838)

Calliostomatidae

- Calliostoma tranquebaricum* (Röding, 1798)

Chilodontidae

- Euchelus atratus* (Gmelin, 1791)

Fissurellidae

- Diodora clathrata* (Reeve, 1851)
- Diodora funiculata* (Reeve, 1850)
- Diodora lima* (G.B. Sowerby II, 1862)
- Diodora singaporensis* (Reeve, 1850)
- Diodora ticaonica* (Reeve, 1850)
- Emarginula obovata* A. Adams, 1852
- Fissurella tenuistriata* Sowerby, 1862
- Macrochisma compressa* A. Adams, 1850
- Macrochisma scutiformis* G. & H. Nevill, 1869
- Scutus corrugatus* (Reeve, 1842)
- Scutus unguis* (Linnaeus, 1758)

Haliotidae

- Haliotis rufescens* Swainson, 1822
- Haliotis varia* Linnaeus, 1758

Kingdom
Animalia

Phylum
Mollusca

Class
Gastropoda

Family Species

Liotiidae

Liotia cidaris (Reeve, 1843)
Liotina crenata (Kiener, 1838)

Nacellidae

Cellana testudinaria (Linnaeus, 1758)

Phasianellidae

Phasianella nivosa Reeve, 1862
Phasianella variegata Lamarck, 1822

Solariellidae

Minolia gradata G.B. Sowerby III, 1895

Trochidae

Cantharidus interruptus (Wood, 1856)
Cantharidus polychroma (A. Adams, 1853)
Clanculus clanguloides (Wood, 1828)
Clanculus microdon A. Adams, 1853
Ethalia carneolata Melvill, 1992
Ethalia guamensis (Quoy & Gaimard, 1834)
Euchelus asper (Gmelin, 1791)
Euchelus circulatus (Anton, 1849)
Euchelus tricingulatus A. Adams, 1851
Gibbula blanfordiana G. & H. Nevill, 1869
Monilea callifera (Lamarck, 1822)
Monilea solanderi (philippi, 1851)
Pagodatrochus variabilis (H. Adams, 1873)
Rubritrochus pulcherrima (A. Adams, 1855)
Stomatia phymotis Helbling, 1779
Trochus maculatus Linnaeus, 1758
Trochus pustulosus Philippi, 1849
Trochus radiatus Gmelin, 1791
Trochus stellatus Gmelin, 1791
Umbonium vestiarium (Linnaeus, 1758)

Turbinidae

Astralium semicostatum (P. Fischer, 1875)
Tectus tentorium (Gmelin, 1791)
Turbo intercostalis Menke, 1846
Turbo petholatus Linnaeus, 1758
Turbo radiatus Gmelin, 1791

(= *Delphinula plicate*)

(= *Astraea semicostata*)

Order

Basommatophora

Family Species

Siphonariidae

Siphonaria stellata Helbling, 1779

Kingdom
Animalia

Phylum
Mollusca

Class
Gastropoda

Order
Caenogastropoda

Family	Species
Cerithiidae	<i>Cerithium citrinum</i> G.B. Sowerby II, 1855 <i>Cerithium columna</i> G.B. Sowerby I, 1834 <i>Cerithium lifuense</i> Melvill & Standen, 1895 <i>Cerithium morus</i> Lamarck, 1822 <i>Cerithium scabridum</i> Philippi, 1848 <i>Cerithium splendens</i> G.B.Sowerby, 1855 <i>Cerithium tennellum</i> G.B. Sowerby II, 1855 <i>Cerithium trailli</i> Sowerby, 1855 <i>Colina macrostoma</i> (Hinds, 1844) <i>Rhinoclavis articulata</i> (A. Adams & Reeve, 1850) <i>Rhinoclavis sinensis</i> (Gmelin, 1791)
Planaxidae	<i>Planaxis sulcatus</i> (Born I. von, 1780)
Potamididae	<i>Cerithidea fluviatilis</i> (Potiez and Michaud) <i>Terebralia palustris</i> (Linnaeus, 1767)
Siliquariidae	<i>Siliquaria encausticus</i> Morch, 1861 <i>Siliquaria lacteus</i> Lamarck, 1818 <i>Tenagodus (Siliquarius) tostus</i> Morch, 1861 <i>Tenagodus cumingii</i> Mörch, 1861
Thiaridae	<i>Melania tuberculata</i> (Muller, 1774)
Turritellidae	<i>Turritella attenuata</i> Reeve, 1849 <i>Turritella candida</i> Reeve, 1849 <i>Turritella duplicata</i> (Linnaeus, 1758) <i>Turritella maculata</i> Reeve, 1849 <i>Turritella vittulata</i> Adams & Reeve, 1850

Order
Cephalaspidea

Family	Species
Aplustridae	<i>Aplustrum amplustre</i> (Linnaeus, 1758) <i>Hydatina zonata</i> (Lightfoot, 1786)
Bullidae	<i>Bulla ampulla</i> Linnaeus, 1758
Philinidae	<i>Philine aperta</i> (Linnaeus, 1767)

Kingdom
Animalia

Phylum
Mollusca

Class
Gastropoda

Order
Cycloneritimorpha

Family	Species
Neritidae	
	<i>Nerita albicilla</i> Linnaeus, 1758
	<i>Nerita chameleon</i> Linnaeus, 1758
	<i>Nerita dombeyi</i> Recluz, 1841
	<i>Nerita marura</i> Reeve, 1855
	<i>Nerita plita</i> Linnaeus
	<i>Nerita policata</i> Linnaeus, 1758
	<i>Nerita rangiana</i> Recluz, 1841
	<i>Nerita rumphi</i> Recluz, 1841
	<i>Nerita squamulata</i> Le Guillou, 1841
	<i>Neritina oualaniensis</i> Lesson, 1831
Phenacolepadidae	
	<i>Phenacolepas asperulata</i> A. Adams, 1858

Order
Heterostropha

Family	Species
Acteonidae	
	<i>Pupa affinis</i> (A. Adams, 1855)
	<i>Pupa solidula</i> (Linnaeus, 1758)
Architectonicidae	
	<i>Architectonica laevigata</i> (Lamarck, 1816)
	<i>Architectonica perspectiva</i> (Linnaeus, 1758)
	<i>Heliacus (Torinista) implexus</i> Mighels, 1845
	<i>Solarium modestum</i> Philippi, 1849
	<i>Solarium variegatum</i> Gmelin, 1791

Order
Hypsogastropoda

Family	Species
Capulidae	
	<i>Lippistes helicoides</i> (Gmelin, 1791)
Calyptraeidae	
	<i>Calyptraea edgariana</i> Melvill, 1898
	<i>Calyptraea extinctorum</i> Lamarck, 1822
	<i>Calyptraea layardi</i> Reeve, 1859
	<i>Crucibulum violaceum</i> Carpenter, 1856
	<i>Siphopatella walshi</i> (Reeve, 1859)
Janthinidae	
	<i>Janthina janthina</i> (Linnaeus, 1758)
	<i>Janthina umbilicata</i> d'Orbigny, 1840

Kingdom
Animalia

Phylum
Mollusca

Class
Gastropoda

Family

Species

Rissoiidae

Rissoina media Schwartz, 1860
Phosinella clathrata (A. Adams, 1853)
Rissoina bertholleti Issel, 1869

Triphoridae

Triphora concinna Hinds, 1843
Iniforis violacea (Quoy & Gaimard, 1834)

Triviidae

Trivia annulata Gray, 1840
Trivia candidula (Gaskoin, 1836)
Trivia nucleus Linnaeus, 1758
Trivia staphylae Linnaeus, 1758

Vermetidae

Spirogyphus spirulaeformis de Seres, 1855
Vermetus eruca (Lamarck, 1818)

(= *Trivia rubinicolor*)

(= *Vermetus thylocodes dentiferus*)

Order

Littorinimorpha

Family

Species

Bursidae

Bursa granularis (Röding, 1798)
Bufonaria echinata (Link, 1807)
Bufonaria margaritula (Deshayes, 1832)
Tutufa (Tutufa) bubo (Linnaeus, 1758)

Cassidae

Phalium canaliculatum (Bruguiere, 1792)
Casmaria erinaceus erinaceus Linnaeus, 1758
Phalium areola (Linnaeus, 1758)
Phalium glaucum (Linnaeus, 1758)
Phalium ponderosum (Gmelin, 1791)
Semicassis bisulcata (Schubert & Wagner, 1829)

Cypraeidae

Mauritia arabica (Linnaeus, 1758)
Blasicrura hirundo (Linnaeus, 1758)
Chelycypraea testudinaria (Linnaeus, 1758)
Cypraea tigris Linnaeus, 1758
Erosaria erosa (Linnaeus, 1758)
Erosaria gangranosa (Dillwyn, 1817)
Erosaria ocellata Linnaeus, 1758
Erosaria poraria (Linnaeus, 1758)
Erronea caurica (Linnaeus, 1758)
Erronea erronea (Linnaeus, 1758)
Erronea onyx (Linnaeus, 1758)

Kingdom
Animalia

Phylum
Mollusca

Class
Gastropoda

Family	Species
	<i>Erronea pallida</i> (J. E. Gray, 1824)
	<i>Luria isabella</i> (Linnaeus, 1758)
	<i>Lyncina carneola</i> (Linnaeus, 1758)
	<i>Lyncina lynx</i> (Linnaeus, 1758)
	<i>Lyncina vitellus</i> (Linnaeus, 1758)
	<i>Monetaria annulus</i> (Linnaeus, 1758)
	<i>Monetaria caputserpentis</i> (Linnaeus, 1758)
	<i>Monetaria moneta</i> (Linnaeus, 1758)
	<i>Palmadusta asellus</i> (Linnaeus, 1758)
	<i>Palmadusta clandestina</i> (Linnaeus, 1767)
	<i>Palmadusta lentiginosa</i> (J. E. Gray, 1825)
	<i>Palmadusta ziczac</i> (Linnaeus, 1758)
	<i>Purpuradusta fimbriata</i> (Gmelin, 1791)
	<i>Purpuradusta gracilis</i> (Gaskoin, 1849)
	<i>Staphylaea staphylaea</i> (Linnaeus, 1758)
	<i>Talparia talpa</i> (Linnaeus, 1758)
Ficidae	
	<i>Ficus ficus</i> (Linnaeus, 1758)
	<i>Ficus filosa</i> (G. B. Sowerby III, 1892)
Hipponicidae	
	<i>Cheilea equestris</i> (Linnaeus, 1758)
	<i>Cheilea undulata</i> (Röding, 1798)
	<i>Malluvium lissum</i> (E. A. Smith, 1894)
Littorinidae	
	<i>Littoraria scabra</i> (Linnaeus, 1758)
	<i>Littoraria undulata</i> (Gray, 1839)
	<i>Nodilittorina leucosticta</i> Reeve, 1857
Naticidae	
	<i>Cellana radiata</i> (Born, 1778)
	<i>Eunaticina papilla</i> (Gmelin, 1791)
	<i>Glossaulax didyma</i> (Röding, 1798)
	<i>Mammilla simiae</i> Deshayes, 1848
	<i>Natica alapapilionis</i> (Röding, 1798)
	<i>Natica buriasiensis</i> Récluz, 1844
	<i>Natica forata</i> Reeve, 1855
	<i>Natica lineata</i> Lamarck, 1838
	<i>Natica marochiensis</i> (Gmelin, 1791)
	<i>Notocochlis tigrina</i> (Röding, 1798)
	<i>Polinices lacteus</i> (Guilding, 1834)
	<i>Polinices mammilla</i> (Linnaeus, 1758)
	<i>Polinices peselephanti</i> (Link, 1807)
	<i>Sinum neritoideum</i> (Linnaeus, 1758)
	<i>Sinum planulatum</i> (Récluz, 1843)

Kingdom
Animalia

Phylum
Mollusca

Class
Gastropoda

Family Species

Ovulidae

Cuspidolva formosa Adams and Reeve, 1848
Volva habei Oyama, 1961

Personidae

Distorsio cancellinus (Lamarck, 1803)
Distorsio ridens (Reeve, 1844)

Ranellidae

Bufo naria crumena (Lamarck, 1816)
Cymatium (Guttarium) retusum (Lamarck, 1843)
Cymatium femorale (Linnaeus, 1798)
Gyrineum natator (Röding, 1798)
Linatella caudata (Gmelin, 1791)
Monoplex vespaceus (Lamarck, 1822)
Ranularia exilis (Reeve, 1844)
Septa labiosum (Wood, 1828)
Septa pileare (Lamarck 1822)
Septa rubecula (Linnaeus, 1758)

Strombidae

Lentigo pipus (Röding, 1798)
Canarium urceus (Linnaeus, 1758)
Dolomena pulchella (Reeve, 1851)
Dolomena siboldi (G.B. Sowerby II, 1842)
Gibberulus gibberulus (Linnaeus, 1758)
Lambis lambis (Linnaeus, 1758)
Lambis scorpius (Linnaeus, 1758)
Margistrombus marginatus (Linnaeus, 1758)
Margistrombus succintus (Linnaeus, 1767)
Tridentarius dentatus (Linnaeus, 1758)

Tonnidae

Dolium maculatum (Linnaeus, 1758)
Tonna canaliculata (Linnaeus, 1758)
Tonna galea (Linnaeus, 1758)
Tonna perdix (Linnaeus, 1758)
Tonna poppei Vos, 2005
Tonna sulcosa (Born, 1778)
Tonna tessellata (Lamarck, 1816)

Vanikoridae

Vanikoro granulosa Recluz, 1845

Velutinidae

Lamellaria perspicua (Linnaeus, 1758)

Xenophoridae

Xenophora corrugata (Reeve, 1842)

Kingdom
Animalia

Phylum
Mollusca

Class
Gastropoda

Order
Neogastropoda

Family	Species
Babyloniidae	
	<i>Babylonia spirata</i> (Linnaeus, 1758)
	<i>Babylonia zeylanica</i> (Bruguère, 1789)
Borsoniidae	
	<i>Tomopleura reevii</i> (C.B. Adams, 1850)
	<i>Lophiotoma indica</i> (Röding, 1798)
	<i>Turris crispa</i> (Lamarck, 1816)
Buccinidae	
	<i>Cantharus melanostoma</i> (Sowerby I, 1825)
	<i>Engina trifasciata</i> (Reeve, 1846)
	<i>Engina turbinella</i> (Kiener, 1836)
	<i>Engina zea</i> Melvill, 1893
	<i>Nassaria acuminata</i> (Reeve, 1844)
	<i>Nassaria nivea</i> (Gmelin, 1791)
	<i>Nassaria suturalis</i> A.Adams, 1853
	<i>Phos nodicostatus</i> (A.Adams, 1851)
	<i>Phos retecosus</i> Hinds, 1844
	<i>Phos roseatus</i> (Hinds, 1844)
	<i>Pisania ignea</i> (Gmelin, 1791)
	<i>Pisania marmorata</i> (Reeve, 1846)
	<i>Pisania picta</i> Coen, 1933
	<i>Pollia undosa</i> (Linnaeus, 1758)
Cancellariidae	
	<i>Scalptia articularis</i> (G.B. Sowerby I, 1832)
	<i>Scalptia crenifera</i> (G.B. Sowerby I, 1832)
	<i>Scalptia hystrix</i> (Reeve, 1856)
Columbellidae	
	<i>Columbella fuscata</i> G.B. Sowerby I, 1832
	<i>Euplica scripta</i> (Lamarck, 1822)
	<i>Euplica turturina</i> (Lamarck, 1822)
	<i>Mitrella mindorensis</i> (Reeve, 1859)
	<i>Pardalinops propinqua</i> (Smith, 1891)
	<i>Pardalinops testudinaria</i> (Link, 1807)
	<i>Pyrene flava</i> (Bruguère, 1789)
	(= <i>Columbella vulpecula</i>)
	(= <i>Columbella versicolor</i>)
	(= <i>Columbella turturina</i>)
	(= <i>Columbella mindorensis</i>)
	(= <i>Columbella propinquans</i>)
	(= <i>Columbella pardalna</i>)
	(= <i>Columbella flavida</i>)
Conidae	
	<i>Conus amadis</i> Gmelin, 1791
	<i>Conus arenatus</i> Hwass in Bruguère, 1792
	<i>Conus augur</i> Lightfoot, 1786
	<i>Conus biliosus</i> (Röding, 1798)
	<i>Conus catus</i> Hwass in Bruguère, 1792
	<i>Conus coronatus</i> Gmelin, 1791
	<i>Conus dispar</i> Sowerby, 1833
	<i>Conus elbraeus</i> Linnaeus, 1758

Kingdom
Animalia

Phylum
Mollusca

Class
Gastropoda

Family	Species
	<i>Conus elegans</i> G.B. Sowerby III, 1895
	<i>Conus generalis</i> Linnaeus, 1767
	<i>Conus geographus</i> Linnaeus, 1758
	<i>Conus glans</i> Hwass in Bruguière, 1792
	<i>Conus gubernator</i> Hwass in Bruguière, 1792
	<i>Conus inscriptus</i> Reeve, 1845
	<i>Conus lentiginosus</i> Reeve, 1844
	<i>Conus lignarius</i> Reeve, 1843
	<i>Conus lineatus</i> Hwass in Bruguière, 1792
	<i>Conus litteratus</i> Linnaeus, 1758
	<i>Conus lividus</i> Hwass in Bruguière, 1792
	<i>Conus locumtenens</i> Blumenbach, 1791
	<i>Conus marmoreus</i> Linnaeus, 1758
	<i>Conus miles</i> Linnaeus, 1758
	<i>Conus monile</i> Bruguière, 1792
	<i>Conus nimbosus</i> Hwass in Bruguière, 1792
	<i>Conus nussatella</i> Linnaeus, 1758
	<i>Conus obscurus</i> G.B. Sowerby I, 1833
	<i>Conus pertusus</i> Hwass in Bruguière, 1792
	<i>Conus planorbis</i> Born, 1778
	<i>Conus striatus</i> Linnaeus, 1758
	<i>Conus tasselatus</i> Born, 1778
Costellariidae	
	<i>Vexillum (Costellaria) concentricum</i> (Reeve, 1844)
	<i>Vexillum revelata</i> Melvill, 1899
	<i>Vexillum tankervillei</i> (Melvill, 1888)
	<i>Vexillum (Costellaria) clathrata</i> (Reeve, 1844)
	<i>Vexillum (Costellaria) exasperatum</i> (Gmelin, 1791)
	<i>Vexillum (Costellaria) modesta</i> (Reeve, 1845)
	<i>Vexillum (Costellaria) zebuense</i> (Reeve, 1844)
	<i>Vexillum (Pusia) osiridis</i> (Issel, 1869)
	<i>Vexillum militare</i> (Reeve, 1845)
Fasciolariidae	
	<i>Dolicholatirus lancea</i> (Gmelin, 1791)
	<i>Fasciolaria filamentosa</i> (Röding, 1798)
	<i>Fusinus colus</i> (Linnaeus, 1758)
	<i>Fusus colus</i> (Linnaeus, 1758)
	<i>Linatella caudata</i> (Gmelin, 1791)
	<i>Lotoria lotoria</i> (Linnaeus, 1758)
	<i>Monoplex pilearis</i> (Linnaeus, 1758)
	<i>Peristernia pulchellus</i> (Reeve, 1847)
	<i>Pleuroploca trapezium</i> (Linnaeus, 1758)
Harpidae	
	<i>Harpa major</i> Röding, 1798

Kingdom
Animalia

Phylum
Mollusca

Class
Gastropoda

Family Species

Marginellidae

- Volvarina angustata* (G.B. Sowerby II, 1846)
- Cryptospira mabellae* (Melvill & Standen, 1901)

Melongenidae

- Hemifusus cochlidium* (Linnaeus, 1758)
- Melongena vespertilio* (Gmelin, J.F., 1791)

Mitridae

- Mitra guttata* Swainson, 1824
- Mitra nubila* (Gmelin, 1791)
- Mitra scabriuscula* Lamarck, 1811
- Neocancilla antoniae* H.Adams, 1870
- Neocancilla circula* (Kiener, 1838)
- Neocancilla clathrus* (Gmelin, 1791)
- Scabricola fissurata* (Lamarck, 1811)
- Ziba interlirata* (Reeve, 1844)

Muricidae

- Coralliophila violacea* (Kiener, 1836)
- Chicoreus aculeatus* (Lamarck, 1822)
- Chicoreus brunneus* (Link, 1807)
- Chicoreus denudatus* (Perry, 1811)
- Chicoreus ramosus* (Linnaeus, 1758)
- Chicoreus virgineus* (Röding, 1798)
- Clavatula virgineus* (Dillwyn, 1817)
- Cronia konkanensis* (Melvill) 1893
- Drupa margariticola* (Broderip, in Broderip & Sowerby, 1833)
- Drupa morum* Röding, 1798
- Ergalatax contracta* (Reeve, 1846)
- Ergalatax heptagonalis* (Reeve, 1846)
- Haustellum haustellum* (Linnaeus, 1758)
- Homalocantha digitata* (G.B. Sowerby II, 1841)
- Maculotriton serriale* (Deshayes, 1834)
- Morula (Morula) granulata* (Duclos, 1832)
- Murex (Murex) ternispina* Lamarck, 1822
- Murex (Murex) trapa* Röding, 1798
- Muricanthus virgineus* (Röding, 1798)
- Nassa sarta* (Bruguiere, 1789)
- Nassarius (Niotha) stigmarius* (A. Adams, 1852)
- Nassarius conoidalis* (Deshayes in Belanger, 1832)
- Nassarius micans* (A. Adams, 1852)
- Orania badia* (Reeve, 1845)
- Pinaxia coronata* (H. Adams, 1853)
- Purpura persica* (Linnaeus, 1758)
- Rapana rapiformis* (Born, 1778)

Kingdom
Animalia

Phylum
Mollusca

Class
Gastropoda

Family	Species
	<i>Semiricinula chrysostoma</i> (Deshayes, 1844)
	<i>Thais bufo</i> Lamarck, 1822
	<i>Thais intermedia</i> (Kiener, 1835)
	<i>Thais rugosa</i> Born 1778
	<i>Thais tissoti</i> (Petit, 1852)
	<i>Thaisella coronata</i> (Lamarck, 1816)
	<i>Thaisella sacellum</i> (Gmelin, 1791)
	<i>Vokesimurex malabaricus</i> (E. A. Smith, 1894)

Nassariidae

- Bullia melanoides* (Deshayes, 1832)
- Nassarius costata* Adams, 1851
- Nassarius frederici* (Melvill & Standen, 1901)
- Nassarius glans* (Linnaeus, 1758)
- Nassarius jacksonianus* (Quoy & Gaimard, 1833)
- Nassarius pullus* (Linnaeus, 1758)

Olividae

- Agaronia nebulosa* (Lamarck, 1811)
- Agaronia plicaria* Lamarck, 1811
- Ancilla acuminata* (Sowerby G.B. II, 1859)
- Ancilla albisulcata* (G.B. Sowerby I, 1830)
- Ancilla ampla* (Gmelin, 1791)
- Ancilla cinnamomea* (Lamarck, 1801)
- Ancilla fasciata* (Reeve, 1864)
- Ancilla scaphella* (G.B. Sowerby II, 1859)
- Ancilla tindalli* Melvill, 1898
- Oliva mantichora* Duclos, 1840
- Oliva picta* Reeve, 1850
- Oliva polita* Marrat, 1867
- Oliva reticularis* Lamarck, 1811
- Oliva elegans* Lamarck, 1811
- Oliva oliva* (Linnaeus, 1758)
- Oliva pacifica* Marrat, 1870
- Oliva todosina* Duclos, 1840
- Oliva tremulina* Lamarck, 1811
- Olivancillaria gibbosa* (Born, 1778)

Pseudomelatomidae

- Brachytoma crenularis* Lamarck, 1823

Terebridae

- Duplicaria duplicata* (Linnaeus, 1758)
- Hastula hastata* (Gmelin, 1791)
- Myurella kilburni* (R.D. Burch, 1965)
- Terebra amanda* Hinds, 1844
- Terebra duplicata* Linnaeus, 1758
- Terebra strigilata* (Linnaeus, 1758)

Kingdom
Animalia

Phylum
Mollusca

Class
Gastropoda

Family Species

Turbinellidae

Tudicla spirillus (Linnaeus, 1767)
Turbinella pyrum (Linnaeus, 1767)
Turbinella rapa Lamarck, 1816

Turridae

Drillia crenularis Lamarck, 1816
Pleurotoma carinata Reeve, 1843
Pleurotoma marmorata Link, 1807
Turris undosa (Lamarck, 1816)

Volutidae

Cymbium melo (Lightfoot, 1786)
Voluta lapponica Linnaeus, 1767

Order

Nudibranchia

Family Species

Aegiridae

Aegirus villosus Farran, 1905

Arminidae

Armina californica (J. G. Cooper, 1863)
Armina cinerea (Farran, 1905)

Bornellidae

Bornella stellifer (A. Adams & Reeve, 1848)

Chromodorididae

Goniobranchus tinctorius (Rüppell & Leuckart, 1828)
Chromodoris tenuilinearis Farran, 1905
Glossodoris humberti (Kelaart, 1858)

Dendrodorididae

Dendrodoris aurea (Quoy & Gaimard, 1832)
Dendrodoris nigra (Stimpson, 1855)
Dendrodoris rubra Kelaart, 1858

Discodorididae

Asteronotus madrasensis O'Donoghue, 1932
Discodoris labifera (Abraham, P.S., 1877)
Halgerda apiculata (Alder & Hancock, 1866)
Halgerda punctata Farran, 1902
Platydoris spinulosa Farran, 1905
Sebadoris nubilosa (Pease, 1871)
Thordisa caudata Farran, 1905
Thordisa villosa (Alder & Hancock, 1864)
Trippa tristis (Alder & Hancock, 1864)

Eubranchidae

Galvina producta (Farran, 1905)
Eubranchus productus (Farran, 1905)

Kingdom
Animalia

Phylum
Mollusca

Class
Gastropoda

Family Species

Facelinidae

Phidiana militaris (Alder & Hancock, 1864)

Gymnodorididae

Gymnodoris bicolor (Alder & Hancock, 1864)

Hancockiidae

Hancockia papillata (O'Donoghue, 1932)

Hexabanchidae

Hexabanchus sanguineus (Rüppell & Leuckart, 1830)

Phyllididae

Phyllidia nobilis Farran, 1905

Phyllidia varicosa Lamarck, 1801

Polyceridae

Kalinga ornata Alder & Hancock, 1864

Scyllaeidae

Scyllaea pelagica Linneaus, 1758

Tethydidae

Melibe viridis (Kelaart, 1858)

Tergapedidae

Hervia ceylonica Farran, 1905

Order

Pleurobranchomorpha

Family Species

Pleurobranchidae

Berthellina citrina (Rüppell & Leuckart, 1828)

Euselenops winckworthi Satyamurti, 1946

Pleurobranchaea borcki Bergh, 1897

Order

Sacoglossa

Family Species

Caliphyllidae

Polybranchia orientalis (Kelaart, 1858)

Elysiidae

Elysia grandifolia Kelaart, 1857

Elysia ornata (Swainson, 1840)

Order

Systemommatophora

Family Species

Camaenidae

Planispira fallaciosa (Férussac, 1821)

Planispira vittata (Muller, 1774)

Onchidiidae

Peronia verruculata (Cuvier, 1830)

Kingdom
Animalia

Phylum
Mollusca

Class
Polyplacophora

Commonly called chitons, these animals are characterized by a shell made of overlapping plates. Most species are found in the intertidal or subtidal zone. They are herbivores, scraping algae from rocks. Many species return to the same spot to rest after feeding. Ten species are reported from the GoM.



Order
Chitonida

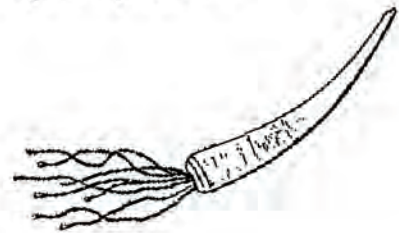
Family	Species
Acanthochitonidae	<i>Acanthochitona mahensis</i> Winckworth, 1927 <i>Acanthochitona penicillata</i> (Deshayes, 1863) <i>Craspedochiton laqueatus</i> (G.B Sowerby II, 1842)
Callochitonidae	<i>Callochiton sublaevis</i> Sykes, 1903
Chitonidae	<i>Chiton (Rhyssoplax) maldivensis</i> (E. A. Smith, 1903) <i>Lucilina pectinoides</i> (Sykes, 1903)
Ischnochitonidae	<i>Ischnochiton (Ischnochiton) bouryi</i> Dupuis, 1917 <i>Ischnochiton comptus</i> (Gould, 1859) <i>Ischnochiton ravanae</i> Sykes, 1903 <i>Stenoplax (Stenoplax) alata</i> (Sowerby, 1841)

Kingdom
Animalia

Phylum
Mollusca

Class
Scaphopoda

Commonly called tusk shells, these mollusks possess an elongated shell resembling a tooth or tusk. They inhabit offshore sediments, feeding on detritus and microorganisms. Four species are reported from the GoM.



Order
Dentaliida

Family	Species
Dentaliidae	<i>Dentalium aprinum</i> Linnaeus, 1768 <i>Dentalium elpis</i> (Wickworth, 1927) <i>Dentalium formosum</i> Adams & Reeve, 1850 <i>Dentalium mannarensis</i> Wickworth, 1927

Kingdom
Animalia

Phylum
Annelida

Class
Polychaeta

Commonly called bristle worms, polychaetes bear a pair of fleshy parapodia covered with bristles on each body segment. They are found in a variety of marine habitats and range from free living to parasitic forms. Reproduction is sexual. Over 60 species are reported from GoM.



Order

Amphinomida

Family Species

Amphinomidae

Chloeia flava Quatrefages, 1866
Eurythoe complanata Pallas, 1766
Eurythoe longicirra (Schmarda, 1861)

Order

Eunicida

Family Species

Eunicidae

Eunice afra Peters, 1855
Eunice coccinea Grube, 1878
Eunice indica Kinberg, 1865
Lysidice collaris Grube, 1870
Nematonereis hebes Verrill, 1900
Paramarphysa orientalis Willey, 1905

Oeononidae

Oenone fulgida Savigny in Lamarck, 1818

Onuphidae

Diopatra amboinensis Audouin & Milne Edwards, 1833
Hyalinoecia camiguina Grube, 1878
Nothria conchylega (Sars, 1835)
Onuphis holobranchiata Marenzeller, 1879

Order

Phyllodocida

Family Species

Aphrodictidae

Hermonia malleata (Grube, 1875)
Pontogenia indica Grube, 1875

Acoetidae

Acoetes melanonota (Grube, 1876)
Zachsiella nigromaculata (Grube, 1878)

Hesionidae

Hesione genetta Grube, 1866
Hesione splendida Savigny in Lamarck, 1818

Nereididae

Ceratonereis pectinifera (Grube, 1878)
Neanthes indica (Kinberg, 1866)
Neanthes unifasciata (Willey, 1905)
Nereis ehlersiana (Grube, 1878)
Nereis falcaria (Willey, 1905)
Platynereis bengalensis (Willey, 1905)

Kingdom
Animalia

Phylum
Annelida

Class
Polychaeta

Family Species

Phyllodoceidae

Anaitis zeylanica Willey, 1905
Notophyllum splendens (Schmarda, 1861)
Phyllodoce dissotyla Willey, 1905
Phyllodoce foliosopapillata Willey, 1905
Phyllodoce sanctijosephi Gravier, 1900

Polynoidea

Gastrolepidia clavigera Schmarda, 1861
Harmothoe dictyophora (Grube, 1878)
Hololepidella commensalis Willey, 1905
Iphione muricata (Savigny in Lamarck, 1818)
Lepidonotus carinulatus (Grube, 1870)
Thormora jukesi Baird, 1865

Sigalionidae

Psammolyce antipoda (Schmarda, 1861)
Thalenessa stylolepis Willey, 1905

Syllidae

Eusyllis ceylonica Augener, 1926
Syllis gracilis Grube, 1840

Order

Sabellida

Family Species

Capitellidae

Notomastus ceylonicus Pillai, 1961

Opheliidae

Armandia lanceolata Willey, 1905
Armandia leptocirris (Grube, 1878)
Polyopthalmus pictus (Dujardin, 1839)

Oweniidae

Owenia fusiformis Delle Chiaje, 1844

Sabellariidae

Idanthyrus pennatus (Peters, 1855)

Sabellidae

Branchiomma quadrioculatum Willey, 1905
Hypsicomus phaeotaenia (Schmarda, 1861)
Jasmineira elegans Saint-Joseph, 1894
Sabellastarte spectabilis (Grube, 1878)

Serpulidae

Hydroides exaltatus (Marenzeller, 1885)
Hydroides heterocerus (Grube, 1868)
Hydroides minax (Grube, 1878)
Serpula granulosa Marenzeller, 1885
Spirobranchus tetraceros (Schmarda, 1861)
Vermiliopsis pygidialis (Willey, 1905)

Kingdom
Animalia

Phylum
Annelida

Class
Polychaeta

Order
Siponida

Family	Species
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Chaetopteridae

Chaetopterus variopedatus Cuvier, 1827

Spionidae

Polydora hornelli Willey, 1905

Order
Terebellida

Family	Species
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Cirratulidae

Timarete anchylochaeta (Schmarda, 1861)

Caulleriella typhlops (Willey, 1905)

Flabelligeridae

Pherusa parmata (Grube, 1877)

Terebellidae

Eupolymnia labiata (Willey, 1905)

Loimia crassifilis (Grube, 1878)

Loimia medusa (Savigny in Lamarck, 1818)

Loimia montagui (Grube, 1878)

Loimia variegata (Grube, 1870)

Streblosoma cespitosa (Willey, 1905)

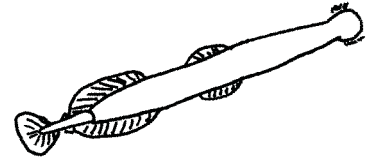
Terebella inversa (Willey, 1905)

Kingdom
Animalia

Phylum
Chaetognatha

Class
Sagittoidea

Commonly called arrow worms, these predatory worms are an important component of zooplankton. They possess fin like lateral appendages that allow them to swim rapidly over short distances. They lay eggs that hatch out into miniature worms. 15 species are known from the GoM.



Order

Aphragmophora

Family	Species
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Krohnittidae

Krohnitta pacifica (Aida, 1897)

Krohnitta subtilis (Grassi, 1881)

Pterosagittidae

Pterosagitta draco (Krohn, 1853)

Sagittidae

Aidosagitta neglecta (Aida, 1897)

Aidosagitta regularis (Aida, 1897)

Donosagitta pulchra (Doncaster, 1902)

Ferosagitta ferox (Doncaster, 1902)

Ferosagitta robusta (Doncaster, 1902)

Flaccisagitta enflata (Grassi, 1881)

Flaccisagitta hexaptera (d'Orbigny, 1836)

Mesosagitta minima (Grassi, 1881)

Serratosagitta pacifica (Tokioka, 1940)

Zonosagitta bedoti (Beraneck, 1895)

(= *Sagitta neglecta*)

(= *Sagitta regularis*)

(= *Sagitta pulchra*)

(= *Sagitta ferox*)

(= *Sagitta robusta*)

(= *Sagitta enflata*)

(= *Sagitta hexaptera*)

(= *Sagitta minima*)

(= *Sagitta pacifica*)

(= *Sagitta bedoti*)

Order

Phragmophora

Family	Species
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Spadellidae

Spadella cephaloptera (Busch, 1851)

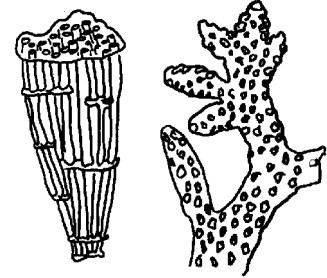
Spadella angulata Tokioka, 1951

Kingdom
Animalia

Phylum
Cnidaria

Class
Anthozoa

Anthozoans include organisms like corals and anemones that do not have a medusa stage in development. They are characterized by the presence of stinging cells called nematocysts. Both solitary and colonial species exist. Some species enter into a symbiotic relationship with unicellular algae called zooxanthellae. Over 200 species are reported from the GoM. Many species are affected by increasing water temperatures.



Order
Actinaria

Family	Species
Haliactiidae	
	<i>Pelocoetes exul</i> (Annandale, 1907)
	<i>Phytocoetes gangeticus</i> Annandale, 1915
Actiniidae	
	<i>Anthopleura annea</i> Carlgren, 1940
	<i>Anthopleura michaelsoni</i> (Pax, 1920)
	<i>Anthopleura nigrescens</i> (Verrill, 1928)
	<i>Anthopleura thallia</i> (Gosse, 1854)
	<i>Anthopleura waridi</i> (Carlgren, 1900)
	<i>Condylactis parvicornis</i> Kwietniewski, 1898
	<i>Gyactis sesere</i> (Haddon & Schackleton, 1893)
	<i>Isoulactinia stelloides</i> (McMurrich, 1889)
	<i>Macrodactyla doreensis</i> (Quoy and Gaimard, 1833)
Isophelliidae	
	<i>Telmatactis decora</i> (Hemprich & Ehrenberg in Ehrenberg, 1834)
Hormathiidae	
	<i>Calliactis parasitica</i> (Couch, 1842)
	<i>Hormathia coronata</i> (Gosse, 1858)
	<i>Paracalliactis valdiviae</i> Carlgren, 1928
Diadumenidae	
	<i>Diadumene leucolena</i> (Verrill, 1866)
Stichodactylidae	
	<i>Entacmaea quadricolor</i> (Rueppel & Leuckart, 1828)
	<i>Heteractis aurora</i> (Quoy and Gaimard, 1833)
	<i>Heteractis magnifica</i> (Quoy & Gaimard, 1833)
	<i>Heteractis malu</i> (Haddon & Shackleton, 1893)
	<i>Stichodactyla gigantea</i> (Forsskål, 1775)
	<i>Stichodactyla haddoni</i> (Saville-Kent, 1893)
	<i>Stichodactyla mertensii</i> Brandt, 1835
Thalassianthidae	
	<i>Cryptodendrum adhaesivum</i> Klunzinger, 1877

Long tentacled anemone

Dusky anemone

(= *Bunodactis varidi*)

(= *Actinogeton sesere*)

Bubble tip anemone

White beaded anemone

Magnificent anemone

Malu anemone

Giant carpet anemone

Haddon's carpet anemone

Merten's carpet anemone

Kingdom
Animalia

Phylum
Cnidaria

Class
Anthozoa

Order
Alcyonacea

Family	Species
Alcyoniidae	
	<i>Alcyonium ceylonese</i> May, 1899
	<i>Cladiella pachyclados</i> (Klunzinger, 1877)
	<i>Lobophytum pauciflorum</i> (Ehrenberg, 1834)
	<i>Sarcophyton tortuosum</i> Tixier-Durivault, 1946
	<i>Sclerophytum herdmani</i> Pratt
	<i>Sinularia brassica</i> May, 1898
	<i>Sinularia capitalis</i> (Pratt, 1903)
	<i>Sinularia densa</i> (Whitelegge, 1897)
	<i>Sinularia gardineri</i> (Pratt, 1903)
	<i>Sinularia marenzelleri</i> (Wright and Studer, 1889)
	<i>Sinularia polydactyla</i> (Ehrenberg, 1834)
	<i>Sinularia querciformis</i> (Pratt, 1903)
	(= <i>Sclerophytum durum</i> Pratt, 1903)
	(= <i>Sclerophytum palmatum</i>)
	(= <i>Sclerophytum densum</i>)
	(= <i>Sclerophytum gardineri</i>)
	(= <i>Sclerophytum marenzelleri</i>)
	(= <i>Sclerophytum polydactylum</i>)
	(= <i>Sclerophytum querciforme</i>)
Anthothelidae	
	<i>Solenocaulon tortuosum</i> Gray, 1862
Clavariidae	
	<i>Clavularia margaritiferae</i> Thomson & Henderson, 1905
Nephtheidae	
	<i>Chromonephthea lobulifera</i> (Holm, 1894)
	<i>Dendronephthya dendrophyta</i> Wright & Studer, 1889
	<i>Dendronephthya pulchra</i> Thomson & Henderson, 1905
	<i>Dendronephthya purpurea</i> Henderson, 1909
	<i>Dendronephthya rosea</i> Kukenthal, 1895
	<i>Dendronephthya umbellata</i> Wright & Studer, 1889
	<i>Nephthea chabrolii</i> Audoin, 1828
	<i>Umbellulifera striata</i> Thomson & Henderson, 1906
	(= <i>Spongodes pulchra</i>)
	(= <i>Spongodes bicolor</i>)
	(= <i>Paraspongodes striata</i>)
Nidaliidae	
	<i>Siphonogorgia splendens</i> Kukenthal, 1906
	<i>Siphonogorgia variabilis</i> Hickson, 1903
Plexauridae	
	<i>Astrogorgia rubra</i> Thomson & Henderson, 1906
	<i>Echinogorgia complexa</i> Nutting, 1910
	<i>Echinogorgia flora</i> Nutting, 1910
	<i>Echinogorgia reticulata</i> (Esper, 1791)
	<i>Echinomuricea indica</i> Thomson and Simpson, 1909
	<i>Echinomuricea indomalaccensis</i> Ridley, 1884
	<i>Heterogorgia flabellum</i> Pallas, 1766
	<i>Menella praelonga</i> (Ridley, 1884)
	<i>Thesea flava</i> Nutting, 1910
	<i>Villogorgia ceylonensis</i> Thomson & Henderson, 1905
	(= <i>Plexauroides praelonga</i>)
Acanthogorgiidae	
	<i>Acanthogorgia ceylonensis</i> Thomson & Henderson, 1905
	<i>Muricella complanata</i> Wright and Studer, 1889
	<i>Muricella ramosa</i> Thomson & Henderson, 1905

Kingdom
Animalia

Phylum
Cnidaria

Class
Anthozoa

Family Species

Subergorgiidae

Annella reticulata (Ellis & Solander, 1786)
Subergorgia suberosa (Pallas, 1766)

(= *Subergorgia reticulata*)

Ellisellidae

Dichotella gemmacea (Milne Edwards & Haime, 1857)
Ellisella ceylonensis (Simpson, 1910)
Ellisella andamanensis (Simpson, 1910)
Ellisella filiformis (Toeplitz, 1889)
Ellisella maculata (Studer, 1878)
Junceella fragilis (Ridley, 1884)
Junceella juncea (Pallas, 1766)
Nicella dichotoma (Gray, 1860)
Verrucella flexuosa (Lamarck, 1815)
Verrucella umbraculum (Ellis & Solander, 1786)

Gorgoniidae

Lophogorgia irregularis Henderson & Thomson, 1905
Pseudopterogorgia australiensis (Ridley, 1884)

(= *Leptogorgia australiensis*)

Order

Antipatharia

Family Species

Antipathidae

Antipathes elegans (Thomson & Simpson, 1905)
Antipathes gallensis Thomson & Simpson, 1905
Stichopathes ceylonensis Thomson & Simpson, 1905
Stichopathes contorta Thomson & Simpson, 1905
Stichopathes echinulata Brook, 1889
Stichopathes gracilis Gray, 1857
Stichopathes papillosa Thomson & Simpson, 1905

Myriopathidae

Antipathella strigosa (Brook, 1889)
Cupressopathes abies (Linnaeus, 1758)
Cupressopathes gracilis Gray, 1860

(= *Antipathes abies*)
(= *Antipathes gracilis*)

Order

Pennatulacea

Family Species

Virgularidae

Halisceptrum periyense Henderson & Thomson, 1905
Virgularia gustaviana (Herklots, 1863)

(= *Halisceptrum gustavianum*)

Veretillidae

Cavernularia obesa Valenciennes Milne Edwards & Haime, 1850

Kingdom
Animalia

Phylum
Cnidaria

Class
Anthozoa

Order
Scleractinia

Family	Species
Siderastreidae	
	<i>Coscinaraea monile</i> Forskal, 1775
	<i>Psammocora contigua</i> (Esper, 1797)
	<i>Pseudosiderastrea tayami</i> Yabe and Sugiyama, 1935
	<i>Siderastrea lilacea</i> Klunziger, 1879
	<i>Siderastrea savignyana</i> Milne Edwards and Haime, 1850
Turbinoliidae	
	<i>Cyathotrochus pileus</i> (Alcock, 1902)
Pocilloporidae	
	<i>Pocillopora damicornis</i> (Linnaeus, 1758)
	<i>Pocillopora eydouxi</i> Milne Edwards and Haime, 1860
	<i>Pocillopora verrucosa</i> (Ellis and Solander, 1786)
	<i>Madracis interjecta</i> Marenzeller, 1906
Acroporidae	
	<i>Acropora abrolhosensis</i> (Veron, 1985)
	<i>Acropora brevicollis</i> (Brook, 1891)
	<i>Acropora corymbosa</i> (Lamarck, 1816)
	<i>Acropora cytherea</i> (Dana, 1846)
	<i>Acropora digitifera</i> (Dana, 1846)
	<i>Acropora diversa</i> (Brook, 1891)
	<i>Acropora echinata</i> (Dana, 1846)
	<i>Acropora exigua</i> (Dana, 1846)
	<i>Acropora formosa</i> (Dana, 1846)
	<i>Acropora hebes</i> (Dana, 1846)
	<i>Acropora hemprichi</i> (Ehrenberg, 1834)
	<i>Acropora humilis</i> (Dana, 1846)
	<i>Acropora hyacinthus</i> (Dana, 1846)
	<i>Acropora indica</i> (Brook, 1893)
	<i>Acropora intermedia</i> (Brook, 1891)
	<i>Acropora microphthalma</i> (Verrill, 1869)
	<i>Acropora millepora</i> (Ehrenberg, 1834)
	<i>Acropora nasuta</i> (Dana, 1846)
	<i>Acropora nobilis</i> (Dana, 1846)
	<i>Acropora obscura</i> (Brook, 1893)
	<i>Acropora polymorpha</i> (Brook, 1891)
	<i>Acropora robusta</i> (Dana, 1846)
	<i>Acropora secale</i> (Studer, 1878)
	<i>Acropora stoddarti</i> Pillai & Scheer, 1976
	<i>Acropora thurstoni</i> (Brook, 1893)
	<i>Acropora valenciennesi</i> (M. Ed. and Haime, 1816)
	<i>Acropora valida</i> (Dana, 1846)
	<i>Astreopora myriophthalma</i> (Lamarck, 1816)
	<i>Montipora aequituberculata</i> Bernard, 1897

(= *C. herdmani* Bourne, 1905)

(= *P. danae* Verrill, 1864)

(= *M. kirbyi* Veron & Pichon, 1976)

Kingdom
Animalia

Phylum
Cnidaria

Class
Anthozoa

Family

Species

Montipora danae Milne Edwards and Haime, 1851
Montipora digitata Dana, 1846
Montipora elschneri Vaughan, 1918
Montipora exerta Quelch, 1886
Montipora explanata Brueggeman, 1879
Montipora foliosa (Pallas, 1766)
Montipora granulosa Bernard, 1897
Montipora hispida Dana, 1846
Montipora informis Bernard, 1897
Montipora jonesi Pillai, 1969
Montipora manauliensis Pillai, 1969
Montipora millepora Crossland, 1952
Montipora monasteriata Forskal, 1775
Montipora spongiosa Ehrenberg, 1834
Montipora spumosa Lamarck, 1816
Montipora subtilis Bernard, 1897
Montipora tuberculosa (Lamarck, 1816)
Montipora turgescens Bernard, 1897
Montipora undata Bernard, 1897
Montipora venosa Ehrenberg, 1834
Montipora verrilli Vaughan, 1907
Montipora verrucosa (Lamarck, 1816)

Agariciidae

Pachyseris rugosa (Lamarck, 1801)
Pavona cactus (Forskal, 1775)
Pavona clavus (Dana, 1846)
Pavona decussata Dana, 1846
Pavona divaricata Lamarck, 1816
Pavona duerdeni Vaughan, 1907
Pavona maldivensis (Gardiner, 1905)
Pavona varians Verrill, 1864

Fungiidae

Cycloseris cylolites (Lamarck, 1801)

Poritidae

Goniopora djiboutiensis Vaughan, 1907
Goniopora lobata Milne Edwards and Haime, 1851
Goniopora minor Crossland, 1952
Goniopora nigra Pillai, 1967
Goniopora planulata (Ehrenberg, 1834)
Goniopora stokesi Milne Edwards and Haime, 1851
Goniopora stutchburyi Wells, 1955
Porites alveolata Milne Edwards and Haime, 1860
Porites compressa Dana, 1846
Porites exserta Pillai, 1969

(= *Porites convexa* Verrill)
(= *M. divaricata* Brueggemann, 1879)

(= *P. praetorta* (Dana))

(= *G. duofasciata* Thiel)

Kingdom
Animalia

Phylum
Cnidaria

Class
Anthozoa

Family	Species
	<i>Porites fragosa</i> Dana, 1846
	<i>Porites lichen</i> Dana, 1846
	<i>Porites lutea</i> Milne Edwards and Haime, 1860
	<i>Porites mannarensis</i> Pillai, 1969
	<i>Porites nodifera</i> Klunzinger, 1879
	<i>Porites solida</i> (Forskål, 1775)
	<i>Porites somaliensis</i> Gravier
Faviidae	
	<i>Cyphastrea chalcidicum</i> (Forskål, 1775)
	<i>Cyphastrea microphthalma</i> (Lamarck, 1816)
	<i>Cyphastrea serailia</i> (Forskål, 1775)
	<i>Echinopora gemmacea</i> (Lamarck, 1816)
	<i>Echinopora lamellosa</i> (Esper, 1795)
	<i>Favia bestae</i> Veron, 2000
	<i>Favia favius</i> (Forskål, 1775)
	<i>Favia pallida</i> (Dana, 1846)
	<i>Favia speciosa</i> Dana, 1846
	<i>Favia stelligera</i> (Dana, 1846)
	<i>Favia valenciennesi</i> (Milne Edwards and Haime, 1848)
	<i>Favida danae</i> Verrill, 1872
	<i>Favites abdita</i> (Ellis and Solander, 1786)
	<i>Favites complanata</i> (Ehrenberg, 1834)
	<i>Favites halicora</i> (Ehrenberg, 1834)
	<i>Favites pentagona</i> (Esper, 1794)
	<i>Goniastrea aspera</i> Verrill, 1905
	<i>Goniastrea pectinata</i> (Ehrenberg, 1834)
	<i>Goniastrea retiformis</i> (Lamarck, 1816)
	<i>Hydnophora exesa</i> (Pallas, 1766)
	<i>Hydnophora grandis</i> Gardiner, 1906
	<i>Hydnophora microconos</i> (Lamarck, 1816)
	<i>Leptastrea purpurea</i> (Dana, 1846)
	<i>Leptastrea transversa</i> Klunzinger, 1879
	<i>Leptoria phrygia</i> (Ellis and Solander, 1786)
	<i>Montastrea valenciennesi</i> M. Ed. & Haime, 1848
	<i>Platygyra daedalea</i> (Ellis and Solander, 1786)
	<i>Platygyra lamellina</i> (Ehrenberg, 1834)
	<i>Platygyra sinensis</i> (Milne Edwards and Haime, 1849)
Rhizangiidae	
	<i>Culicia rubeola</i> (Quoy and Gaimard, 1833)
Oculinidae	
	<i>Galaxea fascicularis</i> (Linneaus, 1767)
	<i>Galaxea astreata</i> (Lamarck, 1816)
Merulinidae	
	<i>Merulina ampliata</i> (Ellis and Solander, 1786)

(= *F. melicerum*)

(= *F. virens* Dana, 1846)

(= *G. incrustans* Duncan 1889)

(= *G. clavus* Dana, 1846)

Kingdom
Animalia

Phylum
Cnidaria

Class
Anthozoa

Family	Species
Mussidae	
	<i>Acanthastrea echinata</i> Dana, 1846
	<i>Lobophylla corymbosa</i> (Forskal, 1775)
	<i>Symphyllia recta</i> (Dana, 1846)
	<i>Symphyllia radians</i> Milne Edwards and Haime, 1849

Pectiniidae	
	<i>Mycedium elephantotus</i> (Pallas, 1766)

Caryophylliidae	
	<i>Paracyathus andersoni</i> Duncan, 1899
	<i>Paracyathus profundus</i> Duncan, 1889
	<i>Polycyathus verrilli</i> Duncan, 1889
	<i>Heterocyathus aequicostatus</i> Milne Edwards & Haime, 1848

Dendrophylliidae	
	<i>Balanophyllia affinis</i> (Semper, 1872)
	<i>Cladopsammia gracilis</i> Milne Edwards & Haime, 1848
	<i>Dendrophyllia indica</i> Pillai, 1969
	<i>Endopsammia philippensis</i> M. Ed. and Haime, 1848
	<i>Heteropsammia cochleata</i> (Spengler, 1781)
	<i>Tubastrea aurea</i> (Quoy and Gaimard, 1833)
	<i>Turbinaria peltata</i> (Esper, 1794)
	<i>Turbinaria crater</i> (Pallas, 1766)
	<i>Turbinaria frondens</i> (Dana, 1846)
	<i>Turbinaria mesenterina</i> (Lamarck, 1816)

(= *Dendrophyllia coarctata* Duncan, 1889)

(= *H. michelinii* Milne Edwards & Haime, 1848)

Kingdom
Animalia

Phylum
Cnidaria

Class
Hydrozoa

Hydrozoans are a group of predatory organisms that may be solitary or colonial. Most species alternate between free swimming medusae and sessile polyp stages in their life cycle. Some species carry a very potent venom in their nematocysts. 48 species are reported from the GoM.



Order

Anthoathecata

Family	Species
Hydractiniidae	
	<i>Clavactinia gallensis</i> Thorney 1904
	<i>Hydractinia denhami</i> (Thornely, 1904)
Pandeidae	
	<i>Leuckartiara octona</i> (Fleming, 1823)
Proboscidactylidae	
	<i>Proboscidactyla minima</i> Browne, 1905
Porpitiidae	
	<i>Porpita porpita</i> (Linnaeus, 1758)
Tubulariidae	
	<i>Ectopleura crocea</i> (Agassiz, 1862)
	(= <i>Tubularia gracilis</i> von Lendenfeld, 1885)

Order

Leptothecata

Family	Species
Aequoreidae	
	<i>Aequorea conica</i> Browne, 1905
	<i>Aequorea parva</i> Browne, 1905
	<i>Aequorea pensilis</i> (Haeckel, 1879)
Aglaopheniidae	
	<i>Aglaophenia latecarinata</i> Allman, 1877
	<i>Gymnangium setosum</i> (Armstrong, 1879)
	<i>Halicornaria insignis</i> Allman
	<i>Macrorhynchia multiplicatopinnata</i> (Stechow, 1919)
	<i>Macrorhynchia phoenicea</i> (Busk, 1852)
	<i>Monoserius pennarius</i> (Linnaeus, 1758)
Campanulariidae	
	<i>Habella corrugata</i> (Thornely, 1904)
	<i>Obelia andersoni</i> Hincks, 1889
	<i>Obelia dichotoma</i> (Linnaeus, 1758)
Eirenidae	
	<i>Eirene ceylonensis</i> Browne, 1905
	<i>Eirene hexanemalis</i> (Goette, 1886)
	<i>Eirene palkensis</i> Browne, 1905
Haleciidae	
	<i>Halecium mediterraneum</i> Weismann, 1883
	(= <i>Halicornaria setosa</i>)
	(= <i>Lytocarpus hornelli</i> Thornely, 1904)
	(= <i>Lytocarpus phoeniceus</i> (Busk, 1882))
	(= <i>Lytocarpus fasciculatus</i> Thornely, 1904)
	(= <i>Campanularia corrugata</i>)
	(= <i>O. hyalina</i> Clarke, 1879)

Kingdom
Animalia

Phylum
Cnidaria

Class
Hydrozoa

Family	Species	
Halopterididae	<i>Antennella allmani</i> Armstrong, 1879 <i>Antennella secundaria</i> (Gmelin, 1791) <i>Halopteris glutinosa</i> (Lamouroux, 1816) <i>Monostaechas quadridens</i> (McCrary, 1859)	(= <i>H. buskii</i> (Bale, 1884))
Hebellidae	<i>Hebella scandens</i> (Bale, 1888)	(= <i>Hebella calcarata</i> (Agassiz, 1862))
Lafoeidae	<i>Filellum serratum</i> (Clarke, 1879)	(= <i>Lafoea serrata</i>)
Laodiceidae	<i>Laodicea undulata</i> (Forbes & Goodsir, 1853)	(= <i>Laodicea indica</i> Browne, 1905)
Lovenellidae	<i>Lovenella assimilis</i> (Browne, 1905)	(= <i>Mitrocomium assimile</i>)
Malagazziidae	<i>Octocanna polynema</i> Haeckel, 1879	
Plumulariidae	<i>Lytocarpus plumosus</i> Thornley, 1904 <i>Plumularia setacea</i> (Linnaeus, 1758)	
Sertulariidae	<i>Diphasia mutulata</i> (Busk, 1852) <i>Idiellana pristis</i> (Lamouroux, 1816) <i>Sertularella quadridens</i> Bale, 1884 <i>Sertularia fissa</i> (Thornley, 1904) <i>Sertularia gracilis</i> Hassall, 1848 <i>Sertularia loculosa</i> Busk, 1852 <i>Sertularia rugosissima</i> Thornley, 1904 <i>Sertularia tenuis</i> Bale, 1884	(= <i>S. ligulata</i> Thornely, 1804)
Syntheciidae	<i>Synthecium orthogonium</i> (Busk, 1852)	

Order

Limnomedusae

Family	Species	
Olindiasidae	<i>Scolionema suvaense</i> (Agassiz & Mayer, 1899)	(= <i>Gonionemus suvaense</i>)

Order

Narcomedusae

Family	Species	
Aeginidae	<i>Solmundella bitentaculata</i> (Quoy & Gaimard, 1833)	

Kingdom
Animalia

Phylum
Cnidaria

Class
Hydrozoa

Order
Siphonophorae

Family	Species
--------	---------

Agalmatidae

Agalmopsis sp.

Diphyidae

Diphyes chamissonis Huxley, 1859

Physaliidae

Physalia utriculus (La Martiniere, 1787)

Order
Trachymedusae

Family	Species
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Geryoniidae

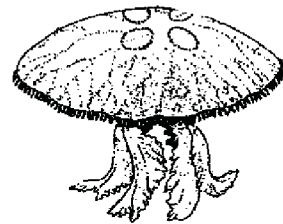
Liriope tetraphylla (Chamisso & Eysenhardt, 1821)

Kingdom
Animalia

Phylum
Cnidaria

Class
Scyphozoa

Many of the conspicuous jellyfish are scyphozoans. Like hydrozoans, they too alternate between medusa and polyp in their life cycle. Two species are reported from the GoM.



Order
Coronatae

Family	Species
--------	---------

Nausithoidae

Nausithoe punctata Kolliker, 1853

Order
Semaestomeae

Family	Species
--------	---------

Pelagiidae

Pelagia sp.

Kingdom
Animalia

Phylum
Ctenophora

Class
Tentaculata

Commonly called comb jellies, these organisms are characterized by a pair of retractile, feathery tentacles. They are pelagic and capture prey with the help of specialized cells on their tentacles. One species is reported from the GoM.



Order
Cydippida

Family	Species
Pleurobranchiidae	
<i>Pleurobrachia globosa</i> Moser, 1903	

Kingdom
Animalia

Phylum
Bryozoa

Class
Gymnolaemata

Commonly called moss animals, they are mostly colonial zooids characterized by a tentacle bearing organ called a lophophore, which helps in capturing food. They represent an important food source for many grazing invertebrates. Over a hundred species are reported from the GoM.



Order

Cheilostomatida

Family	Species
Actisecidae	<i>Actisecos regularis</i> Canu & Bassler, 1927
Adeonidae	<i>Adeonellopsis arculifera</i> (Canu & Bassler, 1929) <i>Adeona foliacea</i> Lamouroux, 1816
Aeteidae	<i>Aetea anguina</i> (Linnaeus, 1758)
Antroporidae	<i>Antropora claustracassa</i> (Canu & Bassler, 1930) <i>Antropora erecta</i> (Silen, 1941) <i>Antropora granulifera</i> (Hincks, 1880) <i>Antropora marginella</i> (Hincks, 1884) <i>Antropora tincta</i> (Hastings), 1930
Archnopusiidae	<i>Poricella robusta</i> (Hincks, 1884)
Bitectiporidae	<i>Codonellina montferrandii</i> (Audouin, 1826) <i>Metroperiella pyriformis</i> Harmer, 1957 <i>Schizomavella inclusa</i> (Thornely, 1905)
Bugulidae	<i>Bugula cucullata</i> (Busk, 1867) <i>Bugula neritina</i> (Linnaeus, 1758)
Calescharidae	<i>Caleschara levinseni</i> Harmer, 1926 <i>Caleschara mexicana</i> Osburn, 1950
Calloporidae	<i>Cranosina coronata</i> (Hincks, 1881)
Candidae	<i>Caberea lata</i> Busk, 1852 <i>Scrupocellaria ferox</i> Busk, 1852
Catencellidae	<i>Catencella elegans</i> Busk, 1852 <i>Scrupocellaria cervicornis</i> Busk, 1852 <i>Scrupocellaria diadema</i> Busk, 1852 <i>Scrupocellaria scrupea</i> Busk, 1852
Cellariidae	<i>Cellaria johnsoni</i> Busk, 1858 <i>Cellaria punctata</i> (Busk, 1852)

Kingdom
Animalia

Phylum
Bryozoa

Class
Gymnolaemata

Family	Species
Celleporidae	
	<i>Bufonellaria depressa</i> (Phillips, 1900)
	<i>Celleporaria albirostris</i> (Smitt, 1873)
	<i>Celleporaria columnaris</i> (Busk, 1881)
	<i>Celleporina rota</i> (MacGillivray, 1885)
	<i>Lagenicella punctulata</i> (Gabb & Horn, 1862)
	<i>Lagenipora spinulosa</i> Hincks, 1877
	<i>Turbicellepora redoutei</i> (Audouin, 1826)
Cleidochasmatidae	
	<i>Characodoma protrusa</i> (Thornely, 1905)
	<i>Cleidochasma biavicularium</i> (Canu & Bassler, 1929)
	<i>Gemelliporina glabra</i> (Smitt, 1873)
Colatooeciidae	
	<i>Trematooecia turrita</i> (Smitt, 1873)
Conescharellinidae	
	<i>Conescharellina jacunda</i> Canu & Bassler, 1929
Crepidacanthidae	
	<i>Crepidacantha crinispina</i> (Canu & Bassler, 1929)
	<i>Crepidacantha poissonii</i> (Audouin, 1826)
Cribrilinidae	
	<i>Cribrilaria radiata</i> (Moll, 1803)
	<i>Membraniporella nitida</i> (Johnston, 1838)
	<i>Puellina vulgaris</i> Ryland & Hayward, 1992
Cryptosulidae	
	<i>Cryptosula pallasiana</i> Moll, 1803
Cupuladriidae	
	<i>Cupuladria indica</i> Cook, 1965
	<i>Cupuladria guineensis</i> (Busk, 1854)
Electrinidae	
	<i>Electra bengalensis</i> (Stoliczka, 1869)
	<i>Conopeum reticulum</i> (Linnaeus, 1767)
Epistomiidae	
	<i>Synnotum aegyptiacum</i> (Audouin, 1826)
Escharinidae	
	<i>Escharina pesanseris</i> (Smitt, 1873)
Exechonellidae	
	<i>Exechonella tuberculata</i> MacGillivray, 1883
Heliodomidae	
	<i>Setosellina constricta</i> Harmer, 1926
Hippaliosinidae	
	<i>Hippaliosina acutirostris</i> Canu & Bassler, 1929
Hippopodidae	
	<i>Hippopodina californica</i> (Osburn, 1952)

Kingdom
Animalia

Phylum
Bryozoa

Class
Gymnolaemata

Family	Species
	Hippopodina feegeensis (Busk, 1884)
	Hippopodina iririkiensis Tilbrook, 1999
	Thornelya ceylonica (Thornely, 1905)
Hippothoidae	
	<i>Hippothoa flagellum</i> Manzoni, 1870
Lepraliellidae	
	<i>Celleporaria granulosa</i> (Haswell, 1880)
	<i>Celleporaria magnifica</i> Osburn, 1914
	<i>Celleporaria pilaefera</i> (Lamouroux, 1821)
	<i>Drepanophora corrugata</i> (Thornely, 1905)
	<i>Drepanophora incisor</i> (Thornely, 1905)
Margarettidae	
	<i>Margaretta watersi</i> Canu & Bassler, 1930
Membraniporidae	
	<i>Amphiblestrum delicatulum</i> (Busk, 1884)
	<i>Amphiblestrum granuliferum</i> (Hincks, 1877)
	<i>Amphiblestrum marginella</i> (Hincks, 1877)
	<i>Amphiblestrum paiillatum</i> Busk, 1884
	<i>Membranipora savarti</i> Auoduin, 1826
	<i>Siphonoporella bursaria</i> (MacGillivray, 1886)
Microporellidae	
	<i>Calloporina sculpta</i> Canu & Bassler, 1929
	<i>Calloporina sigillata</i> Canu & Bassler, 1929
	<i>Fenestrulina malusii</i> (Audouin, 1826)
	<i>Microporella orientalis</i> Harmer, 1957
	<i>Microporelloides hawaiiensis</i> Soule et al., 2003
Onychocellidae	
	<i>Onychocella antiqua</i> (Busk, 1858)
	<i>Onychocella cucullata</i> (Thornely, 1905)
	<i>Smittipora abyssicola</i> (Smitt, 1873)
Petraliellidae	
	<i>Hippopetraliella magna</i> (D'Orbginy, 1852)
	<i>Mucropetraliella philippinensis</i> (Canu & Bassler, 1929)
	<i>Mucropetraliella thenardii</i> (Audouin, 1826)
	<i>Sinupetraliella affinis</i> Harmer, 1957
Phidoloporidae	
	<i>Metacleidochasma planulata</i> (Canu & Bassler, 1929)
	<i>Retepora pocillum</i> Thornely, 1905
	<i>Rhynchozoon bifurcum</i> Harmer, 1957
	<i>Rhynchozoon bispinosum</i> (Johnston, 1847)
	<i>Rhynchozoon compactum</i> Thornely, 1905
	<i>Rhynchozoon globosum</i> Harmer, 1957
	<i>Rhynchozoon incrassatum</i> (Hincks, 1882)
	<i>Rhynchozoon larreyi</i> (Audouin, 1826)
	<i>Rhynchozoon tubulosum</i> (Hincks, 1880)

Kingdom
Animalia

Phylum
Bryozoa

Class
Gymnolaemata

Family	Species
	<i>Rhynchozoon verruculatum</i> (Smitt, 1873)
	<i>Schizotheca fissa</i> (Busk, 1856)
	<i>Triphyllozoon philippinense</i> (Busk, 1884)
	<i>Triphyllozoon tubulatum</i> (Busk, 1884)
Quadracellariidae	
	<i>Nellia oculata</i> Busk, 1852
Reteporidae	
	<i>Lepralia multidentata</i> Thornely, 1905
	<i>Lepralia purpurea</i> Busk, 1884
Schizoporellidae	
	<i>Robertsonidra argentea</i> (Hincks, 1881)
	<i>Schizoporella pulcherrima</i> (MacGillivray, 1886)
	<i>Schizoporella argentea</i> (Hincks, 1881)
	<i>Schizoporella celia</i> (Audouin, 1826)
	<i>Schizoporella circinata</i> (MacGillivray, 1869)
	<i>Schizoporella errata</i> (Waters, 1878)
	<i>Schizoporella inclusa</i> (Thornely, 1905)
	<i>Schizoporella nivea</i> Busk, 1852
	<i>Schizoporella spongitis</i> (Pallas, 1771)
	<i>Schizoporella unicornis</i> (Johnston, 1847)
	<i>Stylopoma viridae</i> (Thornely, 1905)
Smittinidae	
	<i>Parasmittina aviculata</i> (Mawatari, 1952)
	<i>Parasmittina parsevalii</i> (Audouin, 1826)
	<i>Parasmittina tubula</i> (Krikpatrick, 1888)
	<i>Phylactella spiralis</i> Thornely, 1905
	<i>Smittina landsborovii</i> (Johnston, 1847)
	<i>Smittina nitidissima</i> (Hincks, 1884)
	<i>Smittina trispinosa</i> (Johnston, 1836)
Steganoporellidae	
	<i>Steganoporella mandibulata</i> Harmer, 1926
	<i>Steganoporella simplex</i> Harmer, 1900
	<i>Steganoporella sulcata</i> Harmer, 1900
Steginoporellidae	
	<i>Steginoporella buskii</i> Harmer, 1900
	<i>Labioporella sinuosa</i> (Osburn, 1940)
Tetraplariidae	
	<i>Diploecium simplex</i> Kirkpatrick, 1888
Thalamoporellidae	
	<i>Thalamoporella spinosa</i> Chaney et al., 1989
	<i>Thalamoporella expansa</i> Levinsen, 1909
	<i>Thalamoporella gothica</i> (Busk, 1856)
	<i>Thalamoporella hamata</i> Harmer, 1926
	<i>Thalamoporella rozierii</i> (Audouin, 1826)
Trypostegidae	
	<i>Trypostega venusta</i> (Norman, 1864)
Watersiporidae	
	<i>Watersipora subovoidea</i> (D'Orbingy, 1852)

Kingdom

Animalia

Phylum

Bryozoa

Class

Gymnolaemata

Order

Ctenostomata

Family

Species

Aeverilliidae

Aeverillia setigera (Hincks, 1887)

Alcyonidiidae

Alcyonidium erectum (Silen, 1942)

Alcyonidioides mytili (Dalyell, 1848)

Vesiculariidae

Amathia distans Busk, 1886

Kingdom

Animalia

Phylum

Bryozoa

Class

Stenolaemata

They are distinguished from gymnolaemata by the presence of strongly calcified walls. They were widespread and diverse during the paleozoic, but only one order survives today. Four species are reported from the GoM.

Order

Cyclostomatida

Family

Species

Crisiidae

Crisia elongata H. Milne-Edwards, 1838

Crisia holdsworthii Busk, 1875

Lichenoporidae

Lichenopora novaezelandiae Busk, 1875

Stomatoporidae

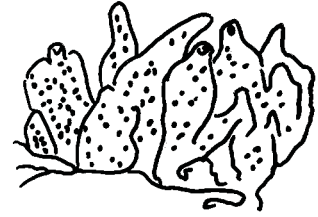
Stomatopora granulata (H. Milne-Edwards, 1836)

Kingdom
Animalia

Phylum
Porifera

Class
Desmospongiae

Commonly called sponges, they possess soft bodies supported by a skeleton of calcareous spicules. They are filter feeders that vary greatly in size, shape and colour. Reproduction is both sexual and asexual. Some species, commonly called bath sponges are harvested commercially. Over 250 species are reported from the GoM.



Order

Agelasida

Family	Species
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Agelasidae

- Agelas ceylonica* Dendy, 1905
- Agelas mauritiana* (Carter, 1883)

Order

Astrophorida

Family	Species
--------	---------

Ancorinidae

- Asteropus simplex* (Carter, 1879)
- Dercitus (Stoeba) extensus* (Dendy, 1905)
- Dercitus (Stoeba) plicatus* (Schmidt, 1868)
- Ecionemia acervus* Bowerbank, 1864
- Ecionemia laviniensis* Dendy, 1905
- Jaspis diastra* (Vacelet & Vasseur, 1965)
- Jaspis investigatrix* (Annandale, 1915)
- Jaspis penetrans* (Carter, 1880)
- Jaspis reptans* (Dendy, 1905)
- Rhabdastrella globostellata* (Carter, 1883)
- Rhabdastrella providentiae* (Dendy, 1916)
- Stelletta clavosa* Ridley, 1884
- Stelletta herdmani* Dendy, 1905
- Stelletta purpurea* Ridley, 1884
- Stelletta tethyopsis* Carter, 1880
- Stelletta vestigium* Dendy, 1905

Geodiidae

- Erylus carteri* Sollas, 1888
- Geodia areolata* Carter, 1880
- Geodia globostellifera* Carter, 1880
- Geodia inconspicua* (Bowerbank, 1873)
- Geodia lindgreni* (Lendenfeld, 1903)
- Geodia perarmata* Bowerbank, 1873
- Geodia ramodigitata* Carter, 1880
- Penares dendyi* (Hentschel, 1912)
- Penares intermedia* (Dendy, 1905)

Pachastrellidae

- Triptolemma intextum* (Carter, 1876)

Theneidae

- Annulastrella annulata* (Carter, 1880)

Kingdom
Animalia

Phylum
Porifera

Class
Desmospongiae

Family Species

Thoosidae

Delectona higgini (Carter, 1880)

Thoosa fischeri Topsent, 1891

Thoosa socialis Carter, 1880

Vulcanellidae

Poecillastra schulzei (Sollas, 1886)

Order

Chondrosida

Family Species

Chondrillidae

Chondrilla australiensis Carter, 1873

Chondrilla kilakaria Kumar, 1925

Chondrilla sacciformis Carter, 1879

Chondrosia reniformis Nardo, 1847

Order

Dendroceratida

Family Species

Darwinellidae

Darwinella mulleri (Schultze, 1889)

Dendrilla cactus (Selenka 1867)

Dictyodendrillidae

Spongionella tubulosa Burton, 1937

Order

Dictyoceratida

Family Species

Dysideidae

Dysidea fragilis (Montagu, 1818)

Lamellodysidea herbacea (Keller, 1889)

Irciniidae

Ircinia fusca (Carter, 1880)

Ircinia ramosa (Keller, 1889)

Ircinia tuberculata Polejoeff, 1884

Spongiidae

Hyattella cribriformis (Hyatt, 1877)

Hyattella intestinalis (Lamarck 1814)

Spongia ceylonensis Dendy, 1905

Spongia hispida Lamarck. 1814

Spongia officinalis Linnaeus, 1759

Thorectidae

Cacospongia mollior Schmidt, 1862

Kingdom
Animalia

Phylum
Porifera

Class
Desmospongiae

Family

Species

Fasciospongia cavernosa (Schmidt, 1862)
Hyrtios erectus (Keller, 1889)
Phyllospongia papyracea (Esper, 1794)
Scalariispongia scalaris (Schmidt, 1862)

Order

Hadromerida

Family

Species

Clionidae

Cervicornia cuspidifera (Lamarck, 1815)
Cliona celata Grant, 1826
Cliona ensifera Sollas, 1878
Cliona lobata Hancock, 1849
Cliona mucronata Sollas, 1878
Cliona orientalis Thiele, 1900
Cliona viridis (Schmidt, 1862)
Cliothesa aurivillii (Lindgren, 1897)
Cliothesa investigatoris (Annandale, 1915)
Cliothesa quadrata (Hancock, 1849)
Dotona pulchella Carter, 1880
Pione carpenteri (Hancock, 1867)
Pione margaritiferae (Dendy, 1905)
Pione vastifica (Hancock, 1849)
Sphaciospongia inconstans (Dendy, 1887)
Spirastrella cocinea (Duchassaing & Michelotti, 1864)

Hemiaspicerellidae

Hemiaspicerella bouilloni (Thomas, 1973)
Placospongia carinata (Bowerbank, 1858)

Placospongiidae

Aptos aptos (Schmidt, 1864)
Placospongia melobesioides Gray, 1867

Spirastrellidae

Spirastrella pachyspira Lévi, 1958

Suberitidae

Prosuberites conulosus (Burton, 1930)
Pseudosuberites andrews Kirkpatrick, 1900
Suberites carnosus (Johnston, 1842)
Suberites tylobtus Levi, 1958
Terpios cruciata (Dendy, 1905)
Terpios fugax Duchassaing & Michelotti, 1864
Xenospongia patelliformis Gray, 1858

Tethyidae

Stellitethya repens (Schmidt, 1870)
Tethya diploderma Schmidt, 1870

Kingdom
Animalia

Phylum
Porifera

Class
Desmospongiae

Family Species

Tethya japonica Sollas, 1888
Tethya robusta (Bowerbank, 1873)

Timeidae

Timea capitatostellifera (Carter, 1880)
Timea curvistellifera (Dendy, 1905)
Timea moorei (Carter, 1880)
Timea spinatostellifera (Carter, 1880)
Timea stellata (Bowerbank, 1866)
Timea stelligera (Carter, 1882)

Order

Halichondria

Family Species

Axinellidae

Auleta elongata Dendy, 1905
Auleta lyrata (Esper, 1794)
Axinella bubarinoides Dendy, 1922
Axinella donnani (Bowerbank, 1873)
Axinella halichondroides Dendy, 1905
Axinella labyrinthica Dendy, 1889
Axinella lamellata (Dendy, 1905)
Axinella manus Dendy, 1905
Axinella tenuidigitata Dendy, 1905
Dragmacidon agariciforme (Dendy, 1905)
Phakellia crassistylifera Dendy, 1905

Bubaridae

Bubaris vermiculata (Bowerbank, 1866)
Cerbaris curvispiculifer (Carter, 1880)
Monocrepidium eruca (Carter, 1880)

Dictyonellidae

Liosina paradoxa Thiele 1899
Phakettia ridleyi (Dendy, 1887)
Stylissa carteri (Dendy, 1889)

Halichondriidae

Amorphinopsis excavans Carter, 1887
Amorphinopsis fenestrata (Ridley, 1884)
Amorphinopsis foetida (Dendy, 1889)
Axinyssa aplysinooides (Dendy, 1922)
Axinyssa flabelliformis Keller, 1889
Ciocalypta digitata (Dendy, 1905)
Ciocalypta penicillus Bowerbank, 1862
Epipolasis topsentii Dendy, 1905
Halichondria glabrata Keller, 1891
Halichondria nigrocutis (Carter, 1886)

Kingdom
Animalia

Phylum
Porifera

Class
Desmospongiae

Family

Species

Hymeniacidon petrosioides Dendy, 1905
Spongosorites lapidiformis Dendy, 1905
Spongosorites niger (Dendy, 1922)
Topsentia halichondrioides (Dendy, 1905)

Heteroxyidae

Higginsia higgini Dendy, 1922
Higginsia mixta Hentschel 1912
Myrmekioderma granulata (Esper, 1794)
Negombo tenuistellata Dendy, 1905

Order

Haplosclerida

Family

Species

Callyspongiidae

Callyspongia (Cladochalina) diffusa (Ridley, 1884)
Callyspongia (Cladochalina) fibrosa (Ridley & Dendy, 1886)
Callyspongia (Cladochalina) spinosissima (Dendy, 1887)
Callyspongia (Toxochalina) dendyi (Burton, 1931)
Callyspongia barodensis Burton, 1959
Callyspongia clathrata (Dendy, 1905)
Callyspongia fistularis (Topsent, 1892)
Callyspongia pambanensis Rao, 1941

Chalinidae

Haliclona (Gellius) cellaria (Rao, 1941)
Haliclona (Gellius) fibulata (Schmidt, 1862)
Haliclona (Gellius) toxia (Topsent, 1897)
Haliclona (Soestella) implexa (Schmidt, 1868)
Haliclona camerata (Ridley, 1884)
Haliclona madrepora Dendy, 1889
Haliclona pigmentifera (Dendy, 1905)
Haliclona tenuiramosa Burton, 1930

Niphatidae

Gelliodes petrosioides Dendy, 1905
Gelliodes pumila (Lendenfeld, 1887)

Phloeodictyidae

Amphimedon chloros Ilan *et al.*, 2004
Gelliodes fibrosa Dendy, 1905
Gelliodes incrustans Dendy, 1905
Niphates obtusispiculifera (Dendy, 1905)
Oceanapia sagittaria (Sollas, 1902)
Siphonodictyon diagonoxeum (Thomas, 1968)
Siphonodictyon minutum (Thomas, 1973)

Kingdom

Animalia

Phylum

Porifera

Class

Desmospongiae

Family

Species

Petrosiidae

- Hymenancora exigua* (Kirkpatrick, 1907)
- Petrosia (Petrosia) nigricans* Lindgren, 1897
- Petrosia (Strongylophora) durissima* (Dendy, 1905)
- Xestospongia testudinaria* (Lamarck, 1815)

Order

Lithistida

Family

Species

Corallistidae

- Corallistes elegantissima* Carter, 1880
- Corallistes verrucosa* Carter, 1880
- Corallistes aculeata* Carter, 1880

Desmanthidae

- Desmanthus rhabdophorus* (Hentschel, 1912)
- Petromica massalis* Dendy, 1905

Scleritodermidae

- Aciculites orientalis* Dendy, 1905
- Microscleroderma herdmani* (Dendy, 1905)

Theonellidae

- Cinachyrella cavernosa* (sensu Tsurumal, 1969)
- Discodermia emarginata* Dendy, 1905
- Discodermia laevidiscus* Carter, 1880
- Discodermia papillata* Carter, 1880
- Discodermia sinuosa* Carter, 1881
- Paratetilla bacca* Selenka, 1867
- Racodiscula sceptrifera* (Carter, 1881)
- Racodiscula spinispirulifera* (Carter, 1880)
- Theonella swinhoei* Gray, 1868

Order

Poecilosclerida

Family

Species

Acarinidae

- Acarinus souriei* (Lévi, 1952)
- Acarinus ternatus* Ridley, 1884
- Acarinus thielei* Lévi, 1958
- Damiria fistulata* (Carter, 1880)
- Damiria simplex* Keller, 1891
- Zyzzya papillata* (Thomas, 1968)

Cladorhizidae

- Asbestopluma symmetrica* (Ridley & Dendy, 1886)
- Cladorhiza similis* Ridley & Dendy, 1886

Kingdom
Animalia

Phylum
Porifera

Class
Desmospongiae

Family	Species
Chondropsidae	<i>Strongylacidon stelliderma</i> (Carter, 1886)
Coelosphaeridae	<i>Coelosphaera navicelligera</i> (Ridley, 1884) <i>Coelosphaera encrustata</i> Kumar, 1925 <i>Lissodendoryx (Ectyodoryx) lissostyla</i> (Thomas, 1970) <i>Lissodendoryx (Waldoschmittia) schmidti</i> (Ridley, 1884) <i>Lissodendoryx balanophilus</i> Annandale, 1914 <i>Lissodendoryx ternatensis</i> (Thiele, 1903)
Desmacellidae	<i>Biemna fistulosa</i> (Topsent, 1897) <i>Biemna fortis</i> (Topsent, 1897) <i>Biemna tubulata</i> (Dendy, 1905)
Desmacididae	<i>Desmapsamma anchorata</i> (Carter, 1882)
Echinodictyinae	<i>Echinodictyum clathratum</i> Dendy, 1905
Hymedesmiidae	<i>Hymedesmia mannaensis</i> Thomas, 1970 <i>Hymedesmia mertoni</i> Hentschel, 1912 <i>Hymedesmia stylophora</i> Thomas, 1970 <i>Hymedesmia tenuissima</i> (Dendy, 1905)
Isodictyidae	<i>Coelocarteria singaporensis</i> (Carter, 1883)
Iotrochotidae	<i>Iotrochota baculifera</i> Ridley, 1884
Microcionidae	<i>Antho (Acarnia) manaensis</i> (Carter, 1880) <i>Artemisina indica</i> (Thomas, 1974) <i>Clathria (Microcion) aceratoobtusa</i> (Carter, 1887) <i>Clathria (Microcion) affinis</i> (Carter, 1880) <i>Clathria decumbens</i> Ridley, 1884 <i>Clathria gorgonioides</i> (Dendy, 1916) <i>Clathria (Microcion) antarctica</i> (Topsent, 1917) <i>Clathria (Microcion) atrasanguinea</i> (Bowerbank, 1862) <i>Clathria (Microcion) rhopalophora</i> (Hentschel, 1912) <i>Clathria (Thalysias) amirantiensis</i> Hooper, 1996 <i>Clathria (Thalysias) longitoxa</i> (Hentschel, 1912) <i>Clathria (Thalysias) procera</i> (Ridley, 1884) <i>Clathria (Thalysias) vulpina</i> (Lamarck, 1814) <i>Echinochalina ridleyi</i> (Dendy, 1896) <i>Echinoclathria rimosa</i> (Ridley, 1884) <i>Holopsamma crassa</i> Carter, 1885 <i>Sigmeurypon fascispiculiferum</i> (Carter, 1880)

Kingdom
Animalia

Phylum
Porifera

Class
Desmospongiae

Family Species

Mycalidae

- Mycale (Aegogropila) crassissima* (Dendy, 1905)
- Mycale (Aegogropila) sulevoidea* (Sollas, 1902)
- Mycale (Arenochalina) mirabilis* (Lendenfeld, 1887)
- Mycale (Arenochalina) trincomalensis* Rao, 1941
- Mycale (Carmia) mytilorum* Annandale, 1914
- Mycale (Carmia) tenuispiculata* (Dendy, 1905)
- Mycale (Mycale) grandis* Gray, 1867
- Mycale (Mycale) graveleyi* Burton, 1937
- Mycale (Mycale) indica* (Carter, 1887)
- Mycale (Mycale) madraspatana* Annandale, 1914
- Mycale (Mycale) monanchorata* Burton & Rao, 1932
- Mycale (Paresperella) bidentata* (Dendy, 1905)
- Mycale (Paresperella) serratohamata* (Carter, 1880)
- Mycale (Zygomycale) parishi* (Bowerbank, 1875)
- Mycale mannarensis* Thomas, 1968

Myxillidae

- Myxilla (Ectyomyxilla) arenaria* Dendy, 1905
- Psammochela fibrosa* (Ridley, 1884)
- Stelodoryx dubia* (Burton, 1928)

Phloeodictyidae

- Oceanapia zoologica* (Dendy, 1905)
- Oceanapia arenosa* Rao, 1941
- Oceanapia fistulosa* (Bowerbank, 1873)
- Oceanapia media* Thiele, 1899

Raspailiidae

- Acanthostylotella cornuta* (Topsent, 1897)
- Aulospongius sessilis* Carter, 1880
- Aulospongius tubulatus* (Bowerbank, 1873)
- Cyamon quadriradiatum* (Carter, 1880)
- Cyamon quinquerradiatum* (Carter, 1880)
- Echinodictyum longistylum* Thomas, 1968
- Endectyon (Endectyon) fruticosum* (Dendy, 1887)
- Endectyon (Endectyon) hornelli* (Dendy, 1905)
- Endectyon (Endectyon) lamellosum* Thomas, 1976
- Endectyon (Endectyon) thurstoni* (Dendy, 1887)
- Eurypon clavatum* (Bowerbank, 1866)
- Eurypon unispiculum* (Carter, 1880)

Rhabderemiidae

- Rhabderemia acanthostyla* Thomas, 1968
- Rhabderemia prolifera* Annandale, 1915

Tedaniidae

- Tedania (Tedania) anhelans* (Lieberkühn, 1859)

Kingdom

Animalia

Phylum

Porifera

Class

Desmospongiae

Order

Spirophorida

Family

Species

Samidae

Samus anonymus Gray, 1867

Order

Verongida

Family

Species

Aplysinidae

Aplysina lacunosa (Lamarck, 1814)

Ianthellidae

Hexadella purpurea Burton, 1937

Pseudoceratinidae

Pseudoceratina purpurea (Carter, 1880)

Kingdom

Animalia

Phylum

Porifera

Class

Homoscleromorpha

They are viviparous, encrusting sponges with a simple body plan. Eight species are reported from the GoM.

Order

Homoscleridophorida

Family

Species

Plakinidae

Corticium acanthastrum Thomas, 1968

Corticium candelabrum Schmidt, 1862

Placinolopha acantholopha (Thomas, 1970)

Plakina monolopha Schulze, 1880

Plakina trilopha Schulze, 1880

Plakinastrella ceylonica (Dendy, 1905)

Plakinastrella minor (Dendy, 1916)

Tetillidae

Cinachyrella anomala (Dendy, 1905)

Kingdom

Plantae

Phylum

Rhodophyta

Class

Bangiophyceae

The taxonomic identity of the species in this class is in doubt and molecular methods might help in clarifying relationships. Some authorities place this group under floridophyceae. One species is reported from the GoM.



Order

Bangiales

Family

Species

Bangiaceae

Porphyra vietnamensis T. Tanaka & Pham-Hoàng Ho, 1962

Kingdom

Plantae

Phylum

Rhodophyta

Class

Compsopogonophyceae

This class includes filamentous and multicellular species with variably coloured chloroplasts. They are usually found in coastal waters. One species is reported from the GoM.

Order

Erythropeltidales

Family

Species

Erythrotrichiaceae

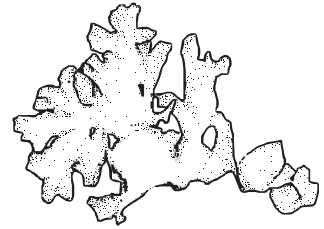
Sahlingia subintegra (Rosenvinge) Kornmann, 1989

Kingdom
Plantae

Phylum
Rhodophyta

Class
Florideophyceae

They are an assemblage of red algae characterized by cells with multiple nuclei, tetrasporangia and a filamentous gonimoblast. Some species are commercially important. Over 50 species are reported from the GoM.



Order

Bonnemaisoniales

Family	Species
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Bonnemaisoniaceae

Asparagopsis taxiformis (Delile) Trevisan de Saint-Léon, 1845

Order

Corallinales

Family	Species
--------	---------

Corallinaceae

Amphiroa anceps (Lamarck) Decaisne, 1842

Amphiroa fragilissima (Linnaeus) J.V.Lamouroux, 1816

Jania spectabile J.H. Kim *et al.*, 2007

Jania rubens (Linnaeus) J. V. Lamouroux, 1816

Order

Ceramiales

Family	Species
--------	---------

Ceramiaceae

Centroceras clavulatum (C.Agardh) Montagne 1846

Dasyaceae

Dictyurus purpurascens Bory de Saint-Vincent, 1834

Heterosiphonia muelleri (Sonder) De Toni, 1903

Delesseriaceae

Martensia fragilis Harvey, 1854

Taenioma perpusillum (J. Agardh) J. Agardh, 1863

Rhodomelaceae

Acanthophora muscoides (Linnaeus) B. de Saint-Vincent, 1828

Acanthophora spicifera (Linnaeus) B. de Saint-Vincent, 1828

Chondria armata (Kützting) Okamura, 1907

Chondria cornuta Boergesen 1932

Enantiocladia prolifera Falkenberg, 1897

Herposiphonia insidiosa (Greville ex J. Agardh) Falkenberg, 1901

Laurencia obtusa (Hudson) J. V. Lamouroux, 1813

Palisada perforata (B. de Saint-Vincent) K. W. Nam, 2007

Leveillea jungermannioides (Hering & G. Martens) Harvey, 1855

Neurymenia fraxinifolia (Mertens ex Turner) J. Agardh, 1863

Polysiphonia platycarpa Børgesen, 1934

Kingdom
Plantae

Phylum
Rhodophyta

Class
Florideophyceae

Family	Species
	<i>Tolypocladia glomerulata</i> (C. Agardh) F. Schmitz, 1897
	<i>Veleroa karuvalensis</i> (Varma) Krishnamurthy & Thomas, 1971

Spyridiaceae
Spyridia filamentosa (Wulfen) Harvey, 1833
Spyridia fusiformis Boergesen, 1937

Order
Gelidiales

Family	Species
Gelidiellaceae	<i>Gelidiella acerosa</i> (Forsskal) Feldman & Hamel, 1934
Gelidiaceae	<i>Gelidium pusillum</i> (Stackhouse) Le Jolis, 1863

Order
Gigartinales

Family	Species
Areschougaceae	<i>Kappaphycus alvarezii</i> (Doty) Doty ex Silva, 1996
	<i>Kappaphycus cottonii</i> (W. van Bosse) Doty ex Silva, 1996

Gigartinaceae
Chondracanthus acicularis (Roth) Fredericq, 1993

(= *Gigartina acicularis* J. V. Lamouroux, 1813)

Hypneaceae
Hypnea musciformis (Wulfen) Lamouroux, 1813
Hypnea pannosa J. Agard, 1847
Hypnea valentiae (Turner) Montagne, 1841

Rhizophyllidaceae
Portieria hornemannii (Lyngbye) P. C. Silva, 1987

Solieriaceae
Sarconema filiforme (Sonder) Kylin, 1932
Solieria robusta (Greville) Kylin, 1932

Order
Gracillariales

Family	Species
Gracilariaceae	<i>Gracilaria arcuata</i> Zanardini, 1858
	<i>Gracilaria corticata</i> J. Agardh, 1852
	<i>Gracilaria canaliculata</i> Sonder, 1871
	<i>Gracilaria foliifera</i> (Forsskål) Børgesen, 1932
	<i>Gracilaria debilis</i> (Forsskål) Børgesen, 1932
	<i>Gracilaria tuticorinensis</i> Krishnamurthy & Rajendran, 1987
	<i>Gracilaria textorii</i> (Suringar) De Toni, 1895

Kingdom
Plantae

Phylum
Rhodophyta

Class
Florideophyceae

Family

Species

Gracilaria gracilis (Stackhouse) Steentoft et al., 1995
Hydropuntia edulis Gurgel & Fredericq, 2004

Order

Halymeniales

Family

Species

Halymeniaceae

Grateloupia lithophila Børgesen, 1938
Grateloupia filicina (Lamouroux) C. Agardh, 1822
Halymenia floresia (Clemente) C. Agardh, 1807
Halymenia porphyroides Børgesen, 1932

Order

Hildenbrandiales

Family

Species

Hildenbrandtiaceae

Hildenbrandia rubra (Sommerfelt) Meneghini, 1841

Order

Nemaliales

Family

Species

Galaxauraceae

Actinotrichia fragilis (Forsskål) Børgesen, 1932
Tricleocarpa fragilis (Linnaeus) Huisman & Townsend, 1993

Liagoraceae

Liagora albicans Lamouroux, 1816

Scinaiaceae

Scinaia hatei Børgesen, 1931

Order

Rhodymeniales

Family

Species

Champiaceae

Champia parvula (C. Agardh) Harvey, 1853

Rhodymeniaceae

Botryocladia leptopoda (J. Agardh) Kylin, 1931
Coelarthrum opuntia (Endlicher) Børgesen, 1937
Rhodymenia dissecta Boergesen, 1938

Kingdom
Plantae

Phylum
Heterokontophyta

Class
Phaeophyceae

Commonly called brown algae, they are a large group of multicellular algae that form an important part of the food chain in marine ecosystems. They are amongst the largest and fastest growing algae, and some species are commercially important. Over 30 species are reported from the GoM.



Order

Dictyotales

Family	Species
Dictyoaceae	
	<i>Dictyopteris australis</i> (Sonder) Askenasy, 1888
	<i>Dictyopteris delicatula</i> Lamouroux, 1809
	<i>Dictyopteris woodwardia</i> (Brown ex Turner) Agardh, 1817
	<i>Dictyota bartayresiana</i> Lamouroux, 1809
	<i>Dictyota dichotoma</i> (Hudson) Lamouroux, 1809
	<i>Padina boryana</i> Thivy, 1966
	<i>Padina gymnospora</i> (Kützing) Sonder, 1871
	<i>Padina pavonica</i> (Linnaeus)Thivy, 1960
	<i>Padina antillarum</i> (Kützing) Piccone,1886
	<i>Lobophora variegata</i> (Lamouroux) Womersley ex Oliveira, 1977
	<i>Spatoglossum asperum</i> Agardh, 1894
	<i>Stoechospermum polypodioides</i> (Lamouroux) Agardh, 1848
	<i>Lobophora variegata</i> (Lamouroux) Womersley ex Oliveira, 1977

Order

Ectocarpales

Family	Species
Acinetosporaceae	
	<i>Feldmannia irregularis</i> (Kützing) G. Hamel, 1939
	<i>Hincksia mitchelliae</i> (Harvey) P. C. Silva, 1987
Chordariaceae	
	<i>Myriocladia</i> sp.
	<i>Levringia boergesenii</i> Kylin,1940

Order

Fucales

Family	Species
Sargassaceae	
	<i>Hormophysa cuneiformis</i> (Gmelin) P. C. Silva, 1987
	<i>Cystoseira trinodis</i> (Forsskal) C. Agardh, 1820
	<i>Sargassum aquifolium</i> (Turner) C. Agardh, 1820
	<i>Sargassum ilicifolium</i> (Turner) C. Agardh, 1820
	<i>Sargassum polycystum</i> C. Agardh, 1824

Kingdom

Plantae

Phylum

Heterokontophyta

Class

Phaeophyceae

Family

Species

Sargassum tenerrimum J. Agardh, 1848
Sargassum wightii Greville, 1848
Turbinaria conoides (J. Agardh) Kützinger, 1860
Turbinaria ornata (Turner) J. Agardh, 1848

Order

Scytosiphonales

Family

Species

Chnoosporaceae

Chnoospora minima (Hering) Papenfuss, 1956

Scytosiphonaceae

Colpomenia sinuosa (Mertens ex Roth) Derbès & Solier, 1851
Hydroclathrus clathratus (C. Agardh) M. A. Howe, 1920
Iyengaria stellata (Børgesen) Børgesen, 1939
Rosenvingeia intricata (J. Agardh) Boergesen, 1914
Rosenvingeia orientalis (J. Agardh) Boergesen, 1914

Order

Scytothamnales

Family

Species

Scytothamnaceae

Asteronema breviarticulatum (J. Agardh)
Ouriques & Bouzon, 2000

Order

Sphacelariales

Family

Species

Sphacelariaceae

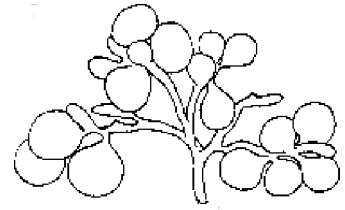
Sphacelaria rigidula Kützinger, 1843
Sphacelaria tribuloides Meneghini, 1840

Kingdom
Plantae

Phylum
Chlorophyta

Class
Ulvophyceae

This group of green algae comes in a variety of forms and occupy a range of marine habitats. They exhibit alternation of generations. Some species are toxic. Species of the genus *Caulerpa* have value as marine ornamental plants. They are also highly invasive in some parts of the world. Over 25 species are reported from the GoM.



Order
Bryopsidales

Family	Species
Bryopsidaceae	
	<i>Pseudobryopsis mucronata</i> Børgesen 1930
Codiaceae	
	<i>Codium adhaerens</i> C. Agardh, 1822
	<i>Codium decortiatum</i> (Woodward) M. A. Howe, 1911
	<i>Codium tomentosum</i> Stackhouse, 1797
Halimedaceae	
	<i>Halimeda macroloba</i> Decaisne, 1841
	<i>Halimeda opuntia</i> (Linnaeus) Lamouroux, 1816
	<i>Halimeda tuna</i> (J. Ellis & Solander) Lamouroux, 1816
Udoteaceae	
	<i>Avrainvillea erecta</i> (Berkeley) A. Gepp & E. S. Gepp, 1911

Order
Cladophorales

Family	Species
Anadyomenaceae	
	<i>Microdictyon tenuius</i> J. E. Gray, 1866
	<i>Boodlea composita</i> (Harvey) F. Brand, 1904
Cladophoraceae	
	<i>Chaetomorpha antennina</i> (Bory de Saint-Vincent) Kützing, 1847
	<i>Cladophora herpestica</i> (Montagne) Kützing, 1849
Caulerpaceae	
	<i>Caulerpa cupressoides</i> (West) Agardh 1817
	<i>Caulerpa fastigiata</i> Montagne 1837
	<i>Caulerpa peltata</i> Lamouroux 1809
	<i>Caulerpa racemosa</i> (Forsskal) Agardh, 1873
	<i>Caulerpa scalpelliformis</i> (R. Brown ex Turner) Agardh, 1817
	<i>Caulerpa sertularioides</i> (Gmelin) M. A. Howe 1905
	<i>Caulerpa taxifolia</i> (M. Vahl.) Agardh, 1817
	<i>Caulerpa verticillata</i> Agardh, 1847

Kingdom
Plantae

Phylum
Chlorophyta

Class
Ulvophyceae

Order
Dasycladales

Family	Species
Polyphysaceae	
	<i>Acetabularia calyculus</i> Lamouroux, 1824

Order
Siphonocladales

Family	Species
Valoniaceae	
	<i>Valonia aegagropila</i> C. Agardh, 1823

Order
Ulvales

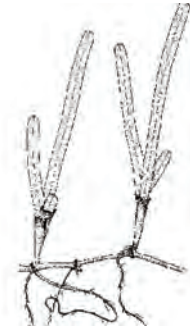
Family	Species
Ulvaceae	
	<i>Ulva compressa</i> Linnaeus, 1753
	<i>Ulva flexuosa</i> Wulfen, 1803
	<i>Ulva intestinalis</i> Linnaeus, 1753
	<i>Ulva fasciata</i> Delile, 1813
	<i>Ulva lactuca</i> Linnaeus, 1753
	<i>Ulva reticulata</i> Forsskal, 1775

Kingdom
Plantae

Phylum
Tracheophyta

Class
Liliopsida

Commonly called seagrasses, these plants are monocot angiosperms and true flowering plants. They form large beds, called meadows, in shallow tropical waters and support diverse and highly productive ecosystems. Seagrasses are in decline worldwide, mostly due to anthropogenic effects. Twelve species are reported from the GoM.



Order
Alismatales

Family Species

Cymodoceaceae

- Cymodocea rotundata* Ehrenberg & Hemprich ex Ascherson, 1870
- Cymodocea serrulata* (R. Brown) Aschers. & Magnus
- Halodule pinifolia* (Miki) den Hartog
- Halodule uninervis* (Forsskål) Ascherson, 1882
- Syringodium isoetifolium* (Ascherson) Dandy, 1939

Hydrocharitaceae

- Enhalus acoroides* (Linnaeus) Royle, 1839
- Halophila beccarii* Ascherson, 1871
- Halophila decipiens* Ostenfeld, 1902
- Halophila ovalis* (R. Brown) J. D. Hooker, 1858
- Halophila ovata* Gaudichaud, 1827
- Halophila stipulacea* (Forsskål) Ascherson, 1867
- Thalassia hemprichii* (Ehrenberg) Ascherson, 1871

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TUTICORIN GROUP: **1.** Van, **2.** Kasuwar, **3.** Karaichalli, **4.** Vilanguchalli

VEMBAR GROUP: **5.** Upputhanni, **6.** Puluvarunnichalli, **7.** Nallathani

KILAKARAI GROUP: **8.** Anaipar, **9.** Vallimunai, **10.** Poovarasampatti, **11.** Appa, **12.** Thalayiari, **13.** Valai, **14.** Mulli

MANDAPAM GROUP: **15.** Moyal, **16.** Manoli, **17.** Manoliputti, **18.** Pullivasal, **19.** Poomarichan, **20.** Krusadai, **21.** Shingle



Map of the Gulf of Mannar

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