

## I. Reef Fish FMU

### Morays - Muraenidae

1. Chain moray, *Echidna catenata*
2. Green moray, *Gymnothorax funebris*
3. Goldentail moray, *Gymnothorax miliaris*

### Snake eels - Ophichthidae

4. Goldspotted eel, *Myrichthys oculatus*

### Lizardfishes - Synodontidae

5. Sand diver, *Synodus intermedius*

### Frogfishes - Antennariidae

6. Frogfish, *Antennarius spp.*

### Batfishes - Ogcocephalidae spp.

7. Batfish, *Ogcocephalus spp.*

### Squirrelfishes - Holocentridae

8. Squirrelfish, *Holocentrus ascensionis*
9. Longspine squirrelfish, *Holocentrus rufus*
10. Blackbar soldierfish, *Myripristis jacobus*
11. Cardinal soldierfish, *Plectrypops retrospinis*

### Trumpetfishes - Aulostomidae

12. Trumpetfish, *Aulostomus maculatus*

### Pipefishes - Syngnathus spp.

13. Seahorses, *Hippocampus spp.*
14. Pipefishes, *Syngnathus spp.*

### Flying gurnards - Dactyloptaridae

15. Flying gurnard, *Dactylopterus volitans*

### Scorpionfishes - Scorpaenidae

### Sea basses - Serranidae

16. Rock hind, *Epinephelus adscensionis*
17. Graysby, *Epinephelus cruentatus*
18. Yellowedge grouper, *Epinephelus flavolimbatus*
19. Coney, *Epinephelus fulvus*
20. Red hind, *Epinephelus guttatus*
21. Jewfish, *Epinephelus itajara*

22. Red grouper, *Epinephelus morio*
23. Misty grouper, *Epinephelus mystacinus*
24. Nassau grouper, *Epinephelus striatus*
25. Butter hamlet, *Hypoplectus unicolor*
26. Swissguard basslet, *Liopropoma rubre*
27. Yellowfin grouper, *Mycteroperca venenosa*
28. Tiger grouper, *Mycteroperca tigris*
29. Creole-fish, *Paranthias furcifer*
30. Greater soapfish, *Rypticus saponaceus*
31. Orangeback bass, *Serranus annularis*
32. Lantern bass, *Serranus baldwini*
33. Tobaccofish, *Serranus tabacarius*
34. Harlequin bass, *Serranus tigrinus*
35. Chalk bass, *Serranus tortugarum*

Basslets - Grammatidae

36. Royal gramma, *Gramma loreto*

Bigeyes - Priacanthidae

37. Bigeye, *Priacanthus arenatus*
38. Glasseye snapper, *Priacanthus cruentatus*

Cardinalfishes - Apogonidae

39. Flamefish, *Apogon maculatus*
40. Conchfish, *Astrapogon stellatus*

Tilefishes - Malacanthidae

41. Blackline tilefish, *Caulolatilus cyanops*
42. Sand tilefish, *Malacanthus plumieri*

Jacks - Carangidae

43. Yellow jack, *Caranx bartholomaei*
44. Blue runner, *Caranx crysos*
45. Horse-eye jack, *Caranx latus*
46. Black jack, *Caranx lugubris*
47. Bar jack, *Caranx ruber*
48. Greater amberjack, *Seriola dumerili*
49. Almaco jack, *Seriola rivoliana*

Snappers - Lutjanidae

50. Black snapper, *Apsilus dentatus*
51. Queen snapper, *Etelis oculatus*

52. Mutton snapper, *Lutjanus analis*
53. Schoolmaster, *Lutjanus apodus*
54. Blackfin snapper, *Lutjanus buccanella*
55. Gray snapper, *Lutjanus griseus*
56. Dog snapper, *Lutjanus jocu*
57. Mahogany snapper, *Lutjanus mahogoni*
58. Lane snapper, *Lutjanus synagris*
59. Silk snapper, *Lutjanus vivanus*
60. Yellowtail snapper, *Ocyurus chrysurus*
61. Wenchman, *Pristipomoides aquilonaris*
62. Vermilion snapper, *Rhomboplites aurorubens*

Grunts - Haemulidae

63. Porkfish, *Anisotremus virginicus*
64. Margate, *Haemulon album*
65. Tomtate, *Haemulon aurolineatum*

Grunts - Haemulidae (cont.)

66. French grunt, *Haemulon flavolineatum*
67. White grunt, *Haemulon plumieri*
68. Bluestriped grunt, *Haemulon sciurus*

Porgies - Sparidae

69. Sea bream, *Archosargus rhomboidalis*
70. Jolthead porgy, *Calamus bajonado*
71. Sheepshead porgy, *Calamus penna*
72. Pluma, *Calamus pennatula*

Drums - Sciaenidae

73. High-hat, *Equetus acuminatus*
74. Jackknife-fish, *Equetus lanceolatus*
75. Spotted drum, *Equetus punctatus*

Goatfishes - Mullidae

76. Yellow goatfish, *Mulloidichthys martinicus*
77. Spotted goatfish, *Pseudupeneus maculatus*

Spedefishes - Ehippidae

78. Atlantic spadefish, *Chaetodipterus faber*

Butterflyfishes - Chaetodontidae

79. Longsnout butterflyfish, *Chaetodon aculeatus*
80. Foureye butterflyfish, *Chaetodon capistratus*

81. Spotfin butterflyfish, *Chaetodon ocellatus*

82. Banded butterflyfish, *Chaetodon striatus*

Angelfishes - Pomacanthidae

83. Cherubfish, *Centropyge argi*

84. Queen angelfish, *Holacanthus ciliaris*

85. Rock beauty, *Holacanthus tricolor*

86. Gray angelfish, *Pomacanthus arcuatus*

87. French angelfish, *Pomacanthus paru*

Damselfishes - Pomacentridae

88. Sergeant major, *Abudefduf saxatilis*

89. Blue chromis, *Chromis cyaneus*

90. Sunshinefish, *Chromos insolatus*

91. Yellowtail damselfish, *Microspathodon chrysurus*

92. Dusky damselfish, *Pomacentrus fuscus*

93. Beaugregory, *Pomacentrus leucostictus*

94. Bicolor damselfish, *Pomacentrus partitus*

95. Threespot damselfish, *Pomacentrus planifrons*

Hawkfishes - Cirrhitidae

96. Redspotted hawkfish, *Amblycirrhitus pinos*

Wrasses - Labridae

97. Spanish hogfish, *Bodianus rufus*

98. Creole wrasse, *Clepticus parrai*

99. Yellowcheek wrasse, *Halichoeres cyanocephalus*

100. Yellowhead wrasse, *Halichoeres garnoti*

101. Clown wrasse, *Halichoeres maculipinna*

102. Puddingwife, *Halichoeres radiatus*

103. Pearly razorfish, *Hemipteronotus novacula*

104. Green razorfish, *Hemipteronotus splendens*

105. Hogfish, *Lachnolaimus maximus*

106. Bluehead wrasse, *Thalassoma bifasciatum*

Parrotfishes - Scaridae

107. Midnight parrotfish, *Scarus coelestinus*

108. Blue parrotfish, *Scarus coeruleus*

109. Striped parrotfish, *Scarus croicensis*

110. Rainbow parrotfish, *Scarus guacamaia*

111. Princess parrotfish, *Scarus taeniopterus*

112. Queen parrotfish, *Scarus vetula*
- Parrotfishes - Scaridae (cont.)
113. Redband parrotfish, *Sparisoma aurofrenatum*
114. Redtail parrotfish, *Sparisoma chrysopteron*
115. Redfin parrotfish, *Sparisoma rubripinne*
116. Stoplight parrotfish, *Sparisoma viride*
- Jawfishes - Opistognathidae
117. Yellowhead jawfish, *Opistognathus aurifrons*
118. Dusky jawfish, *Opistognathus whitehursti*
- Combtooth blennies - Blenniidae
119. Redlip blenny, *Ophioblennius atlanticus*
- Gobies - Gobiidae
120. Neon goby, *Gobiosoma oceanops*
121. Rusty goby, *Priolepis hipoliti*
- Surgeonfishes - Acanthuridae
122. Ocean surgeonfish, *Acanthurus bahianus*
123. Doctorfish, *Acanthurus chirurgus*
124. Blue tang, *Acanthurus coeruleus*
- Lefteye flounders - Bothidae
125. Peacock flounder, *Bothus lunatus*
- Soles - Soleidae
126. Caribbean tonguefish, *Symphurus arawak*
- Leatherjackets - Balistidae
127. Scrawled filefish, *Aluterus scriptus*
128. Queen triggerfish, *Balistes vetula*
129. Whitespotted filefish, *Cantherhines macrocerus*
130. Ocean triggerfish, *Canthidermis sufflamen*
131. Black durgon, *Melichthys niger*
132. Sargassum triggerfish, *Xanthichthys ringens*
- Boxfishes - Ostraciidae
133. Spotted trunkfish, *Lactophrys bicaudalis*
134. Honeycomb cowfish, *Lactophrys polygonia*
135. Scrawled cowfish, *Lactophrys quadricornis*
136. Trunkfish, *Lactophrys trigonus*
137. Smooth trunkfish, *Lactophrys triqueter*

Puffers - Tetraodontidae

- 138. Sharpnose puffer, *Canthigaster rostrata*
- 139. Porcupinefish, *Diodon hystrix*

II. Spiny Lobster FMU

Palinuridae

- Caribbean spiny lobster, *Panulirus argus*
- Spotted spiny lobster, *Panulirus guttatus*
- Smoothtail spiny lobster, *Panulirus laevicauda*

III. Queen Conch FMU

Phylum Mollusca

Class Gastropoda (Snails)

Order Mesogastropoda

Family Strombidae

- Strombus gigas*
- S. costatus*
- S. pugilis*
- S. gallus*
- S. raninus*

Family Fascioliidae

- Fasciolaria tulipa*

Family Cymatiidae

- Charonia variegata*

Family Cassidae

- Cassis flammea*
- C. madagascarensis*
- C. tuberosa*

Family Trochidae

Cittarium pica

Astrea tuber

Family Turbinellidae

Vasum muricatum

IV. Coral FMU

Scientific Name

PHYLUM PORIFERA

Class Demospongiae

Niphates digitalis

N. erecta

Aphimedon compressa

Spinosella polycifera

S. vaginalis

Geodia neptuni

Chondrilla nacula

Cynachirella alloclada

Tethya crypta

Myriastras sp.

Haliclona

PHYLUM CNIDARIA

Class Hydrozoa

Order Hydroida

Order Milleporina

Millepora spp.

Order Stylasterina

Stylaster roseus

Class Anthozoa

Order Antipatharia

Antipathes spp.

Stichopathes spp.

Subclass Octocorallia

Order Alcyonacea

Family Anthothelidae

*Erythropodium caribaeorum*

*Iciligorgia schrammi*

Family Briareidae

*Briareum asbestinum*

Family Telestacea

*Telesto riisei*

Order Gorgonacea

Family Gorgoniidae

*Gorgonia mariae*

*G. ventalina*

*G. flabellum*

*Pseudopterogorgia acerosa*

*P. americana*

*P. bipinnata*

*P. rigida*

*P. albatrossae*

*Pterogorgia anceps*

*P. citrina*

Family Plexauridae

*Eunicea mammosa*

*E. succinea*

*E. laxispica*

*E. fusca*

*E. laciniata*

*E. touneforti*

*E. clavigera*

*E. knighti*

*E. calyculata*

*Muricea atlantica*

*M. muricata*

*M. pinnata*

*M. laxa*

*M. elongata*

*Muriceopsis* sp.

M. sulphurea  
M. flavida  
Plexaura flexuosa  
P. homomalla  
Pseudoplexaura porosa  
P. flagellosa  
P. wagnaari  
P. crucis  
Plexaurella dichotoma  
P. nutans  
P. grandiflora  
P. grisea  
P. fusifera  
Family Ellisellidae  
Ellisella spp.

Order Scleractinia

Family Astrocoeniidae  
Stephanocoenia michelinii  
Family Pocilloporidae  
Madracis decactis  
M. mirabilis  
Family Acroporidae  
Acropora palmata  
A. cervicornis  
A. prolifera  
Family Agaricidae  
Agaricia agaricites  
A. fragilis  
A. tenuifolia  
A. lamarcki  
Leptoseris cucullata  
Family Siderastreidae  
Siderastrea siderea  
S. radians  
Family Poritidae  
Porites astreoides

*P. porites*  
*P. branneri*  
*P. divaricata*  
Family Faviidae  
*Favia fragum*  
*Diploria clivosa*  
*D. strigosa*  
*D. labyrinthiformis*  
*Manicina areolata*  
*M. mayori*  
*Colpophyllia natans*  
*Cladocora arbuscula*  
*Montastrea annularis*  
*M. cavernosa*  
*Solenastrea bournoni*  
Family Rhizangiidae  
*Phyllangia americana*  
*Astrangia solitaria*  
Family Meandrinidae  
*Meandrina meandrites*  
*Dichocoenia stokesi*  
*D. stellaris*  
*Dendrogyra cylindrus*  
Family Mussidae  
*Mussa angulosa*  
*Scolymia lacera*  
*S. cubensis*  
*Isophyllia sinuosa*  
*Isophyllastrea rigida*  
*Mycetophyllia lamarckiana*  
*M. aliciae*  
*M. danae*  
*M. ferox*  
Family Caryophyllidae  
*Eusmilia fastigiata*  
*Tubastrea aurea*

Family Oculinidae

Oculina diffusa

Order Actiniaria

Condylactis gigantea

Bartholomea annulata

Hereractis lucida

Aiptasia tagetes

Lebrunia spp.

Stichodactyla helianthus

Order Zoanthidea

Zoanthus spp.

Order Corallimorpharian

Ricordia florida

Discosoma spp.

(formally Rhodactis)

Phylum Mollusca

Class Gastropoda

Order Mesogastropoda

Family Strombidae

Strombus spp. (except

Queen Conch (*S. gigas*)

Family Ovulidae

Cyphoma gibbosum

Family Ranellidae

Charonia tritonis

Order Neogastropoda

Family Olividae

Oliva reticularis

Order Sacoglossa

Family Elysiidae

Tridachia crispata

Class Bivalvia

Order Limoida

Family Limidae

Lima spp.

L. scabra  
Order Ostreoida  
Family Spondylidae  
Spondylus americanus  
Class Cephalopoda  
Order Octopoda  
Family Octopodidae  
Octopus spp. (except  
the Common Octopus  
(O. vulgaris))

Phylum Annelida  
Class Polychaeta  
Family Sabellidae  
Sabellastarte magnifica  
Sabellastarte spp.  
Family Serpulidae  
Spirobranchus giganteus

Phylum Arthropoda  
Sub-phylum Crustacea  
Order Decapoda  
Family Stenopodidae  
Stenopus hispidus  
S. scutellatus  
Family Hippolytidae  
Lysmata spp.  
Thor amboinensis

Family Palaemonidae  
Periclimenes spp.  
Family Alpheidae  
Alpheus armatus  
Family Diogenidae  
Paguristes spp.  
P. cadenati

Family Majidae

Mithrax spp.

M. sculptus

M. cinctimanus

Stenorhynchus seticornis

Family Grapsidae

Percnon gibbesi

Family Squillidae

Lysiosquilla spp.

Gonodactylus spp.

Phylum Bryozoa (Ectoprocta)

Phylum Echinodermata

Class Stellerioidea

Oreaster reticulatus

Linckia guildingii

Ophidiaster guildingii

Astropecten spp.

Ophiocoma spp.

Ophioderma spp.

Ophioderma rubicundum

Astrophyton muricatum

Davidaster spp.

Nemaster spp.

Analcidometra armata

Class Echinoidea

Diadema antillarum

Echinometra spp.

Lytechinus spp.

Eucidaris tribuloides

Tripneustes ventricosus

Class Holothuroidea

Holothuria spp.

Phylum Chordata

Subphylum Urochordata

Phylum Chlorophyta

Halimeda spp.

Penicillus spp.

Caulerpa spp.

Ventricaria ventricosa

Udotea spp.

Phylum Rhodophyta

Phylum Angiospermae

Thalassia testudium

Syringodium filiforme

Halophila spp.

Halodule wrightii

Ruppia maritima