

Table 4. Species in the Caribbean Coral Reef Resource FMU.

Sponges – Phylum Porifera

Demosponges -- Class Demospongiae

Aphimedon compressa, Erect rope sponge
Chondrilla nucula, Chicken liver sponge
Cynachirella alloclada
Geodia neptuni, Potato sponge
Haliclona sp., Finger sponge
Myriastras sp.
Niphates digitalis, Pink vase sponge
N. erecta, Lavender rope sponge
Spinoseella polycifera
S. vaginalis
Tethya crypta

Coelenterates – Phylum Coelenterata

Hydrocorals -- Class Hydrozoa

Hydroids -- Order Athecatae
Family Milleporidae
Millepora spp., Fire corals
Family Stylasteridae
Stylaster roseus, Rose lace corals

Anthozoans -- Class Anthozoa

Soft corals -- Order Alcyonacea
Family Anthothelidae
Erythropodium caribaeorum,
Encrusting gorgonian
Iciligorgia schrammi, Deepwater sea fan
Family Briaridae
Briareum asbestinum, Corky sea finger
Family Clavulariidae
Carijoa riisei
Telesto spp.
Gorgonian corals -- Order Gorgonacea
Family Ellisellidae
Ellisella spp., Sea whips
Family Gorgoniidae
Gorgonia flabellum, Venus sea fan
G. mariae, Wide-mesh sea fan
G. ventalina, Common sea fan
Pseudopterogorgia acerosa, Sea plume
P. albatrossae
P. americana, Slimy sea plume
P. bipinnata, Bipinnate plume
P. rigida

Coelenterates – Phylum Coelenterata (cont.)

Anthozoans -- Class Anthozoa (cont.)

Gorgonian corals -- Order Gorgonacea (cont.)
Family Gorgoniidae (cont.)
Pterogorgia anceps, Angular sea whip
P. citrina, Yellow sea whip
Family Plexauridae
Eunicea calyculata, Warty sea rod
E. clavigera
E. fusca, Doughnut sea rod
E. knighti
E. laciniata
E. laxispica
E. mammosa, Swollen-knob
E. succinea, Shelf-knob sea rod
E. touneforti
Muricea atlantica
M. elongata, Orange spiny rod
M. laxa, Delicate spiny rod
M. muricata, Spiny sea fan
M. pinnata, Long spine sea fan
Muriceopsis sp.
M. flavida, Rough sea plume
M. sulphurea
Plexaura flexuosa, Bent sea rod
P. homomalla, Black sea rod
Plexaurella dichotoma, Slit-pore sea rod
P. fusifera
P. grandiflora
P. grisea
P. nutans, Giant slit-pore
Pseudoplexaura crucis
P. flagellosa
P. porosa, Porous sea rod
P. wagnaari
Hard Corals -- Order Scleractinia
Family Acroporidae
Acropora cervicornis, Staghorn coral
A. palmata, Elkhorn coral
A. prolifera, Fused staghorn
Family Agaricidae
Agaricia agaricities, Lettuce leaf coral
A. fragilis, Fragile saucer
A. lamarcki, Lamarck's sheet
A. tenuifolia, Thin leaf lettuce
Leptoseris cucullata, Sunray lettuce

Coelenterates – Phylum Coelenterata (cont.)
 Anthozoans -- Class Anthozoa (cont.)
 Hard Corals -- Order Scleractinia (cont.)
 Family Astrocoeniidae
Stephanocoenia michelinii, Blushing star
 Family Caryophyllidae
Eusmilia fastigiata, Flower coral
Tubastrea aurea, Cup coral
 Family Faviidae
Cladocora arbuscula, Tube coral
Colpophyllia natans, Boulder coral
Diploria clivosa, Knobby brain coral
D. labyrinthiformis, Grooved brain
D. strigosa, Symmetrical brain
Favia fragum, Golfball coral
Manicina areolata, Rose coral
M. mayori, Tortugas rose coral
Montastrea annularis, Boulder star coral
M. cavernosa, Great star coral
Solenastrea bournoni, Smooth star coral
 Family Meandrinidae
Dendrogyra cylindrus, Pillar coral
Dichocoenia stellaris, Pancake star
D. stokesi, Elliptical star
Meandrina meandrites, Maze coral
 Family Mussidae
Isophyllastrea rigida, Rough star coral
Isophyllia sinuosa, Sinuous cactus
Mussa angulosa, Large flower coral
Mycetophyllia aliciae, Thin fungus coral
M. danae, Fat fungus coral
M. ferox, Grooved fungus
M. lamarckiana, Fungus coral
Scolymia cubensis, Artichoke coral
S. lacera, Solitary disk
 Family Oculinidae
Oculina diffusa, Ivory bush coral
 Family Pocilloporidae
Madracis decactis, Ten-ray star coral
M. mirabilis, Yellow pencil
 Family Poritidae
Porites astreoides, Mustard hill coral
P. branneri, Blue crust coral
P. divaricata, Small finger coral
P. porites, Finger coral
 Family Rhizangiidae
Astrangia solitaria, Dwarf cup coral

Coelenterates – Phylum Coelenterata (cont.)
 Anthozoans -- Class Anthozoa (cont.)
 Hard Corals -- Order Scleractinia (cont.)
 Family Rhizangiidae (cont.)
Phyllangia americana, Hidden cup coral
 Family Siderastreidae
Siderastrea radians, Lesser starlet
S. siderea, Massive starlet
 Black Corals -- Order Antipatharia
Antipathes spp., Bushy black coral
Stichopathes spp., Wire coral
 Anemones -- Order Actiniaria
Aiptasia tagetes, Pale anemone ¹
Bartholomea annulata, Corkscrew anemone ¹
Condylactis gigantea, Giant pink-tipped anemone ¹
Hereractis lucida, Knobby anemone ¹
Lebrunia spp., Staghorn anemone ¹
Stichodactyla helianthus, Sun anemone
 Colonial Anemones -- Order Zoanthidea
Zoanthus spp., Sea mat ¹
 False Corals -- Order Corallimorpharia
Discosoma spp. (formerly Rhodactis), False coral
Ricordia florida, Florida false coral

Annelid Worms – Phylum Annelida
 Polychaetes -- Class Polychaeta
 Family Sabellidae, Feather duster worms ¹
Sabellastarte spp., Tube worms ¹
S. magnifica, Magnificent duster
 Family Serpulidae ¹
Spirobranchus giganteus, Christmas tree worm ¹

Mollusks – Phylum Mollusca
 Gastropods -- Class Gastropoda
 Family Elysiidae
Tridachia crispata, Lettuce sea slug ¹
 Family Olividae
Oliva reticularis, Netted olive
 Family Ovulidae
Cyphoma gibbosum, Flamingo tongue ¹
 Family Ranellidae
Charonia tritonis, Atlantic triton trumpet ¹

Mollusks – Phylum Mollusca (cont.)
 Gastropods -- Class Gastropoda (cont.)
 Family Strombidae, Winged conchs
Strombus spp. (except *S. gigas*)¹
 Bivalves -- Class Bivalvia
 Family Limidae
Lima spp., Fileclams¹
L. scabra, Rough fileclam¹
 Family Spondylidae
Spondylus americanus, Atlantic thorny oyster¹
 Cephalopods -- Class Cephalopoda
 Octopuses -- Order Octopoda
 Family Octopodidae
Octopus spp. (except *O. vulgaris*)¹

Arthropods – Phylum Arthropoda
 Crustaceans -- Subphylum Crustacea
 Decapods -- Order Decapoda
 Family Alpheidae
Alpheus armatus, Snapping shrimp
 Family Diogenidae
Paguristes spp., Hermit crabs¹
P. cadenati, Red reef hermit¹
 Family Grapsidae
Percnon gibbesi, Nimble spray crab¹
 Family Hippolytidae
Lysmata spp., Peppermint shrimp¹
Thor ambionensis, Anemone shrimp
 Family Majidae, Coral crabs
Mithrax spp., Clinging crabs¹
M. cinctimanus, Banded clinging¹
M. sculptus, Green clinging¹
Stenorhynchus seticornis, Yellowline arrow¹
 Family Palaemonida
Periclimenes spp., Cleaner shrimp¹
 Family Squillidae, Mantis crabs
*Gonodactylus spp.*¹
*Lysiosquilla spp.*¹
 Family Stenopodidae, Coral shrimp
Stenopus hispidus, Banded shrimp
S. scutellatus, Golden shrimp

Bryozoans -- Phylum Bryozoa

Echinoderms -- Phylum Echinodermata
 Feather stars -- Class Crinoidea
Analcidometra armata, Swimming crinoid¹
Davidaster spp., Crinoids¹
Nemaster spp., Crinoids¹
 Sea stars -- Class Asteroidea
Astropecten spp., Sand stars¹
Linckia guildingii, Common comet star¹
Ophidiaster guildingii, Comet star¹
Oreaster reticulatus, Cushion sea star
 Brittle and basket stars -- Class Ophiuroidea
Astrophyton muricatum, Giant basket star¹
Ophiocoma spp., Brittlestars¹
Ophioderma spp., Brittlestars¹
O. rubicundum, Ruby brittlestar¹
 Sea Urchins -- Class Echinoidea
Diadema antillarum, Long-spined urchin¹
Echinometra spp., Purple urchin¹
Eucidaris tribuloides, Pencil urchin¹
Lytechinus spp., Pin cushion urchin¹
Tripneustes ventricosus, Sea egg¹
 Sea Cucumbers -- Class Holothuroidea
Holothuria spp., Sea cucumbers¹

Chordates – Phylum Chordata
 Tunicates -- Subphylum Urochordata¹

Green Algae -- Phylum Chlorophyta
Caulerpa spp., Green grape algae
Halimeda spp., Watercress algae
Penicillus spp., Neptune's brush
Udotea spp., Mermaid's fan
Ventricaria ventricosa, Sea pearls

Red Algae -- Phylum Rhodophyta

Sea grasses -- Phylum Angiospermae
Halodule wrightii, Shoal grass
Halophila spp., Sea vines
Ruppia maritima, Widgeon grass
Syringodium filiforme, Manatee grass
Thalassia testudium, Turtle grass

¹ Species that would be deleted from the FMU proposed in Section 4.1.1.3.

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