

RACIONALIZACION DEL SISTEMA NACIONAL DE LAS AREAS PROTEGIDAS DE HONDURAS

VOLUMEN II, ANEXO 2: INVERTEBRADOS MARINOS

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Table 1: Sponges of the Honduran Caribbean

Source: RIMS¹, 1999.

PHYLUM PORIFERA

Class: Demospongiae

- Pseudoceratina crassa*, Branching tube sponge
- Aplysina archeri*, Stove pipe sponge
- A. fistularis*, Yellow tube sponge
- A. cauliformes*, Row pore rope sponge
- A. lacunosa*, Convoluted barrel sponge
- A. fulva*, Scattered pore rope sponge
- Agelas conifera*, Brown tube sponge
- Callyspongia vaginalis*, Branching vase sponge
- C. plicifera*, Azure vase sponge
- Niphates digitalis*, Pink vase sponge
- Verongula gigantea*, Netted barrel sponge
- V. rigida*, Pitted sponge
- Cribrochalina vasculum*, Bowl sponge
- Xestospongia muta*, Giant barrel sponge
- Ircinia felix*, Stinker sponge
- I. strobilina*, Black ball sponge
- Calyx podotypa*, Volcano sponge
- Tedania ignis*, Fire sponge
- Ectyoplasia ferox*, Brown encrusting octopus sponge
- Amphimedon compressa*, Erect rope sponge
- Phorbas amaranthus*, Red sieve encrusting sponge
- Diplastrella* sp., Orange sieve encrusting sponge
- Monanchora barbadensis*, Red encrusting sponge
- Mycale laevis*, Orange icing sponge
- M. laxissima*, Strawberry vase sponge
- Ulosa ruetzleri*, Orange lumpy encrusting sponge
- Cliona delitrix*, Red boring sponge
- Siphonodictyon coralliophagum*, Variable boring sponge
(both white and yellow morphs)
- Halisarca* sp. (blue and red forms)

¹ The compilation of this list is a result of observations and positive identifications performed by the staff at the Roatan Institute for Marine Sciences

Table 2: Coelenterates of the Honduran Caribbean

Source: RIMS², 1999.

PHYLUM CNIDARIA

Class: Hydrozoa

Order: Siphonophora

Agalma okeni, Paired bell siphonophore
Physalis physalis, Portuguese man of war

Order: Hydroidea

Sertularia speciosa, Branching hydroid
Macrorhynchia allmani, Stinging hydroid
Cnidoscypus marginata, Unbranched hydroid
Thyroscyphus ramosus, Algae hydroid
Halopterus carinata, Thread hydroid
Ralpharia gorgoniae, Solitary gorgonian hydroid
Gymnangium sp. *longicauda* or *speciosum*, Feather hydroid
Aequorea aequorea, Ribbed Hydromedusa
Orchistoma pileus, Club Hydromedusa

Order: Milliporina

Millipora alcicornis, Branching fire coral
M. complanata, Blade fire coral

Class: Scyphozoa

Order: Somaestomeae

Linuche unguiculata, Sea thimble
Aurelia aurita, Moon jelly
Chrysaora quinquecirrha, Sea nettle

Order: Rhizostomeae

Cassiopea xamachana, Mangrove upsidedown jelly
Cassiopea frondosa, Upsidedown jelly

Order: Cubomedusae

Carybdea alata, Sea wasp

Class: Anthozoa

Subclass: Zoantharia(Hexacorallia)

Order: Actinaria

Condylactis gigantea, Giant anemone
Stoichactis helianthus, Sun anemone
Bartholomea annulata, Corkscrew anemone
Heteractis lucida?, Knobby anemone
Epicystis crucifer, Beaded anemone
Aiptasia tagetes, Pale anemone
Viatrix globulifera, Turtle grass anemone
Actinosella flosculifera, Collared sand anemone
Lebrunia coralligens, Hidden anemone
Lebrunia danae, Stinging or Branching anemone

Order: Zoanthidea

Parazoanthus parasiticus, Sponge zoanthid
Parazoanthus puertoricense, Maroon sponge zoanthid
Palythoa caribaeorum, White encrusting zoanthid
Zoanthus pulchellus, Sea mat

Order: Ceriantharia

Arachnanthus nocturnus, Banded tube dwelling anemone
Ceriantheopsis americanus, American tube dwelling anemone

Order: Antipatharia

² The compilation of this list is a result of observations and positive identifications performed by the staff at the Roatan Institute for Marine Sciences

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Cirrhipathes leukeni, Wire coral
Antipathes hirta, Bottle brush black coral
Antipathes pinnacea, Feather black coral
Antipathes sp., Black coral

Order: Scleractinia

Acropora cervicornis, Staghorn coral
A. palmata, Elkhorn coral
A. prolifera, Fused elkhorn coral
Porites porites, forma *porites*, Finger coral
P. porites, forma *furcata*, Branched finger coral
P. porites, forma *divaricata*, Thin finger coral
P. asteroides, Mustard hill coral
P. colonensis, Honeycomb plate coral
Dendrogyra cylindrus, Pillar coral
Madracis mirabilis, Yellow pencil coral
M. formosa, Eight ray finger coral
M. decactis, Ten ray finger coral
Stephanocoenia mitchilini, Blushing star coral
Montastrea annularis, Boulder coral
M. cavernosa, Great star coral
Solenastrea bournoni, Smooth star coral
Dichocoenia stokesii, Ellptical star coral
Favia fragum, Golfball coral
Siderastrea siderea, Greater starlet coral
S. radians, Lesser starlet coral
Diploria strigosa, Smooth brain coral
D. clivosa, Knobby brain coral
D. labyrinthiformes, Grooved brain coral
Colpophyllia natans, Giant brain coral
Meandrina meandrites, Butterprint coral
Agaricia agaricites, Lettuce coral
A. agaracities crassa
A. agaracites carinata
A. agaracites purpurea
A. tenuifolia, Leaf coral
A. lamarki, Lamark's sheet coral
A. grahamae, Graham's sheet coral
A. fragilis, Fragile saucer coral
Leptoseris cucullata, Sunray lettuce coral
Mycetophyllia lamarckiana, Ridged cactus coral
M. danaana, Low ridge cactus coral
M. aliciae, Knobby cactus coral
M. ferox, Rough cactus coral
Scolymia cubensis, Artichoke coral
S. lacera, Atlantic mushroom coral
Mussa angulosa, Spiny flower coral
Eusimilia fastigiata, Smooth flower coral
Isophyllia sinuosa, Sinuous cactus coral
Isophyllastrea rigida, Rough star coral
Manicina areolata, Rose coral

Subclass: Octocorallia

Order: Alcyonacea

Briareum abestinum, Corky sea fingers
Erythropodium caribaeorum, Encrusting gorgonian
Plexaura homormalla, Black sea rod
P. flexuosa, Bent sea rod

Plexaurella nutans, Giant slit pore sea rod
Eunicea calyculata, Warty sea rod
Eunicea sp.
Pseudopterogorgia americana, Slimy sea plume
P. bipinnata, Bipinnate sea plume
Pseudopterogorgia sp.
Muricea muricata, Spiny sea rod
Ellisella elongata, Long sea whip
E. Barbadosensis, Devil's sea whip
Pterogorgia guadalupensis, Grooved blade sea whip
P. anceps, Angular sea whip
Gorgonia ventalina, Common sea fan
G. flabellum, Venus sea fan
G. marinae, Wide mesh sea fan
Icligorgia schrammi, Deep water sea fan

Table 3: Ctenophora of the Honduran Caribbean

Source: RIMS³, 1999.

PHYLUM CTENOPHORA

Class: Tentaculata

Folia parallela, Small venus girdle
Mnemiopsis maccadyi, Sea walnut
Leucothea multicornis, Warty comb jelly
Ocyropsis cystallina, Winged comb jelly

Table 4: Annelida of the Honduran Caribbean

Source: RIMS⁴, 1999.

PHYLUM ANNELIDA

Class: Polychaeta

Order: Errantia

Hermodice carunculata, Fireworm
(both red and green forms)
Chloeia viridis, Red tipped fireworm

Order: Sedentaria

Eupolyornia crassicornis, Spaghetti worm
Spirobranchus giganteus, Christmas tree worm
Pomatostegus stellatus, Star horseshoe worm
Vermilliopsis sp., Blushing star coral fanworm
Bispira brunnea, Aggregate feather duster
B. variegata, Variegated feather duster
Sabellastarte magnifica, Magnificent feather duster
Haplosyllis sp., Sponge worm
Anamobaea sp., Ghost feather dusters

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⁴ The compilation of this list is a result of observations and positive identifications performed by the staff at the Roatan Institute for Marine Sciences

Table 5: Mollusks of the Honduran Caribbean

Source: RIMS⁵, 1999.

PHYLUM MOLLUSCA

Class: Polyplacophora

Acanthopleura granulata, Fuzzy chiton

Chiton tuberculatus, West Indian chiton

Class: Gastropoda

Subclass: Prosobranchiata

Order: Diotocardia (Archaeogastropoda)

Lucapina suffusa, Cancellate keyhole limpet

Turbo castaneus, Knobby turban

Astrea phoebia, Long spined star shell

Lithopoma tectum, West Indian star snail

Nerita peloronta, Bleeding tooth

N. versicolor, Four tooth nerite

N. tessellata, Checkered nerite

Order: Monotocardia

Suborder: Taenioglossa

Littorina ziczac, Zebra periwinkle

Nodlittorina tuberculata, Prickly periwinkle

Tecturis muricata, Knobby periwinkle

Truncatella pulchella, Beautiful truncatella

Serpulorbis decussata, Decussate worm shell

S. riisei, Riise's worm shell

Batillaria minima, Black horn shell

Cerithium literatum, Lettered cerith

Cerithium sp.

Strombus gigas, Queen conch

S. pugilis, Fighting conch

Polinices lacteus, Milky moon snail

Trivia pediculus, Coffee bean trivia

Cyphoma gibbosum, Flamingo tongue

Tonna galea, Giant tun(juvenile)

Charonia variegata, Variegated triton

Order: Monotocardia

Suborder: Stenoglossa

Muricopsis oxytatus, Hexagonal murex

Thais deltoidea, Deltoid rock shell

Pseudoneptunea multangula, False drill

Costanachis histro, Dove shell

Columbella mercatoria, Mottled dove shell

Prunum apicinum, Common marginalla

Melongena melongena, Brown crown conch

Order: Monotocardia

Suborder: Toxoglossa

Conus sp.

Subclass: Opisthobranchia

Order: Sacoglossa

Tridachia crispata, Lettuce sea slug

Order: Nudibranchia

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Scyllaea pelagica, Sargassum nudibranch
 Order: Anaspida
 Bursatella leachii, Ragged sea hare
 Aplysia dactylomela, Spotted sea hare
 Class: Bivalvia
 Subclass: Pteriomorphia
 Order: Arcoida
 Glycymeris undata, Lined bittersweet
 Order: Mytiloidea
 Pteria colymbus, Wing oyster
 Pinna carnea, Flesh pen shell
 Brachiodontes exustus, Scorched mussel
 Limeria scabra, Rough file clam
 Subclass: Heterodonta
 Order: Veneroidea
 Codakia orbicularis, Little white lucine
 Trachycardium isocardia, Prickly cockle
 Pteroglypta listeri, Lister's venus
 Semele bellastrata, Cancellate semele
 Class: Cephalopoda
 Subclass: Coleoidea
 Order: Teuthoidea
 Sepioteuthis sepioidea, Caribbean reef squid
 Order: Octopoda
 Octopus briareus, Caribbean reef octopus

Table 6: Marine arthropods of the Honduran Caribbean

Source: RIMS⁶, 1999.

PHYLUM ARTHROPODA

Class: Crustacea

Subclass: Cirripedia

Order: Thoracica

Lepas anatifera, Goose barnacle

Chthamalus fragilis, Fragile star barnacle

Tetraclita squamosa stalactifera, Ribbed barnacle

Balanus amphitrite, Striped barnacle

Subclass: Malacostraca

Superorder: Hoplocarida

Order: Stomatopoda

Gonodactylus sp., Mantis shrimp

Superorder: Peracarida

Order: Mysidacea

Mysidium sp., Mysid shrimp

Order: Isopoda

Anilocra laticaudata, Parasitic isopod

Superorder: Eucarida

Order: Decapoda

Suborder: Natantia

Periclimenes pedersoni, Peterson's cleaner shrimp

P. yucatanicus, Spotted cleaner shrimp

Stenopus hispidus, Banded coral shrimp

Lysmata wurdemanni, Peppermint shrimp

Rhynchocinetes rigens, Red night shrimp

Suborder: Reptantia

Section: Palinura

Panulirus argus, Caribbean spiny lobster

P. guttatus, Spotted spiny lobster

Scyllarides aequinoctialis, Spanish lobster

Section: Anomura

Petrochirus diogenes, Giant hermit

Paguristes punticeps, White speckled hermit

P. cadenati, Red reef hermit

Clibinarius tricolor, Three colored hermit

Phimochirus operculatus, Polkadotted hermit

Coenobita clypeatus, Soldier crab

Section: Brachyura

Callinectes sapidus, Blue swimming crab

Portunis sebae, Ocellate swimming crab

Carpilius corallinus, Batwing coral crab

Mithrax cinctimanus, Banded clinging crab

M. spinosissimus, Spiny spider crab or King crab

Stenorhynchus seticornis, Yellowline arrow crab

Macrocoeloma sp. Maybe *trispinosum*, Sponge spider crab

Grapsus grapsus, Sally lightfoot

Pachygrapsus transversus, Common shore crab

Uca leptodactylis, Dwarf fiddler crab

Dissodactylus primitivus, Heart urchin pea crab

Cardisomi guanhumii, Great land crab

⁶ The compilation of this list is a result of observations and positive identifications performed by the staff at the Roatan Institute for Marine Sciences

Table 7: Echinodermates of the Honduran Caribbean

Source: RIMS⁷, 1999.

PHYLUM ECHINODERMATA

Class: Crinoidea

Order: Comatulida

Davidaster rubiginosa, Golden crinoid

D. discoidea, Beaded crinoid

Nemaster grandis, Black and white crinoid

Class: Stelleroidea

Subclass: Asteroidea

Oreaster reticularis, Cushion star

Echinaster spinulosus, Orange ridged sea star

Subclass: Ophiuroidea

Ophiocoma echinata, Blunt spined brittle star

O. paucigranulata, Spiny brittle star

Ophioderma rubicundum, Ruby brittle star

O. appressum, Banded arm brittle star

Ophiothrix suensonii, Sponge brittle star

Ophonereis reticulata, Reticulated brittle star

Astrophyton muricatum, Giant basket star

Class: Echinoidea

Diadema antillarum, Long spined urchin

Echinometra viridis, Reef urchin

E. lucunter, Rock boring urchin

Lytechinus variegatus, Variegated urchin

Eucidaris tribuloides, Slate pencil urchin

Tripneustes ventricosus, West Indian sea egg

Meoma ventricosa, Red heart urchin

Clypeaster subdepressus, Sand dollar

Mellita sexiesperforata, Six keyhole sand dollar

Class: Holothuroidea

Holothura mexicana, Donkey dung sea cucumber

H. thomasi, Tiger tail sea cucumber

H. arenicola, Burrowing sea cucumber

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Table 8: Urochordates of the Honduran Caribbean

Source: RIMS⁸, 1999.

PHYLUM CHORDATA

Subphylum: Urochordata

Class: Ascidiacea

Didemnum conchyliatum, White speck tunicate

Trididemnum solidum, Mat tunicate

Botrylloides negrum?, Flat tunicate

Purple tunicate (unidentified species)

Clavelina puertoricensis, Blue bell tunicate

Eudistoma sp., Condominium tunicates

Polycarpa spongiabilis, Giant tunicate

⁸ The compilation of this list is a result of observations and positive identifications performed by the staff at the Roatan Institute for Marine Sciences

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