



WCS

A LIST OF SPECIES FROM GLOVER'S REEF ATOLL, BELIZE

Compiled by Thomas Bright and Alex Tilley, February, 2013

This is a list of species known to reside in or migrate through the waters and islands of Glover's Reef Atoll, Belize. It was compiled from the sources listed at the end which include published accounts as well as unpublished notes, lists and personal observations.

We have proofed the scientific and common names against a variety of taxonomic data bases to rectify inconsistencies. Where synonyms in scientific names appeared, they were replaced with the currently accepted epithets. We have generally chosen the locally employed common names but have replaced some used in the sources with more widely recognized versions.

Except where otherwise noted, the higher taxonomy follows closely that adopted by the *World register of Marine Species*. Some placements may differ from those of other classification schemes in use (for example, the brown algae are placed in the kingdom Chromista, rather than Plantae). However, from the family level down, there should be no differences between conflicting taxonomies.

As careful as we have striven to be, there are certainly some errors herein. We request that the reader inform us of any. Most importantly, please report any new sightings so they may be included.

FORAMINIFERANS FROM GLOVER'S REEF ATOLL

EUKARYOTA empire

PROTOCTISTA kingdom

GRANULORITICULOSA phylum

FORAMINIFERA class

Amphisteginidae family

Amphistegina lessonii

Anomalinidae

Cibicides sp.

Asterigerinatidae

Asterigerina sp.

Astrorhizidae

Bathysiphon sp.

Bigenerina sp.

Bagginidae

Cancris oblongus

Boliviniidae

Brizalina striatula

Buliminidae

Bulimina sp.

Cornuspiridae

Cornuspira planorbis

Discorbidae

Discorbis sp.

Rosalina floridana

Discorbinellidae

Hanzawaia strattoni

Elphidiidae

Cribroelphidium sp.

Elphidium sp.

Hauerinidae

Articulina pacifica

Articularia sagra

Sigmoihauerina bradyi

Homotrematidae

Homotrema rubra

Lagenidae

Lagena perlucida

Miliolidae

Massilina peruviana

Milliolinella oblongata

Pyrgo sp.

Quinqueloculina bosciana

Quinqueloculina lamarckiana

Quinqueloculina polygona

Quinqueloculina semiluna

Spiroloculina sp.

Massilina granulocostata

Triloculina planciana

Triloculina trigonula

Nodosariidae

Marginulina sp.

Nodosaria sp.

Nonionidae

Nonion sp.

Peneroplidae

Peneroplis pertusus

Peneroplis proteus

Coscinospira arietina

Rosalinidae

Neoconorbina terquemi

Rotaliidae

Ammonia beccarii

Saccaminidae

Lagenammina difflugiformis

Textulariidae

Textularia sp.

Uvigerinidae

Uvigerina sp.

Valvulinidae

Valvulina oviedonia

MARINE ALGAE FROM GLOVER'S REEF ATOLL

PROKARYOTA empire

MONERA kingdom

GRACILICUTES phylum

CYANOBACTERIA Blue-green algae subphylum

Homoeotrichaceae family

Blennothrix lyngbyacea

Oscillatoriaceae

Lyngbya confervoides

Phormidiaceae

Trichodesmium sp.

Rivulariaceae

Calothrix confervicola

Calothrix crustacea

Calothrix parietina

Calothrix pilosa

Dichothrix penicillata

Rivularia nitida

Schizotrichaceae

Schizothrix calcicola

Schizothrix mexicana

EUKARYOTA empire

PROTOCTISTA Protozoa and Protophyta kingdom

DINOMASTIGOTA phylum

DINOPHYCEAE Dinoflagellates class

Symbiodiniaceae family

Symbiodinium spp.

Zooxanthellae *Symbiodinium microadriaticum* Freudenthal

CHROMISTA kingdom

OCHROPHYTA phylum

PHAEOPHYCEAE Brown algae class

Acinetosporaceae family

Hincksia mitchelliae

Dictyotaceae

Dictyopteris delicatula

Dictyopteris jamaicensis

Dictyota bartayresii

Dictyota cervicornis

Dictyota dichotoma

Dictyota humifusa

Dictyota menstrualis

Dictyota mertensii
Lobophora variegata Encrusting fan leaf algae
Padina gymnospora
Padina sanctae-crucis
Styopodium zonale
Padina jamaicensis White scroll algae

Sargassaceae

Sargassum cymosum
Sargassum filipendula
Sargassum fluitans Sargassum
Sargassum hystrix White vein sargassum
Sargassum polyceratium
Sargassum vulgare
Turbinaria tricolorata Saucer leaf algae
Turbinaria turbinata

Scytosiphonaceae

Colpomenia sinuosa
Hydroclathrus clathratus

Sphacelariaceae

Sphacelaria sp.

PLANTAE kingdom

RHODOPHYTA Red algae division

Areschougiaceae family

Euclima isiforme

Bonnemaisoniaceae

Asparagopsis sp.

Ceramiaceae

Centroceras clavulatum
Ceramium cimbricum
Ceramium corniculatum
Ceramium nitens
Gayliella flaccida
Corallophila huysmansii

Champiaceae

Champia parvula
Coelothrix irregularis

Corallinaceae Calcareous algae

Amphiroa fragilissima
Amphiroa hancockii
Amphiroa rigida
Amphiroa tribulus
Corallina sp. Crustose coralline algae
Fosliella farinosa
Goniolithon sp.
Jania adhaerens
Jania capillacea
Jania rubens
Lithophyllum pustulatum
Metagoniolithon sp.

Cystocloniaceae

Hypnea musciformis

Hypnea spinella

Delesseriaceae

Martensia pavonia

Galaxauraceae

Galaxaura comans

Galaxaura rugosa

Gelidiellaceae

Gelidiella acerosa

Gelidiaceae

Gelidium pusillum

Kallymeniaceae

Kallymenia limminghei

Lomentariaceae

Gelidiopsis intricata

Peyssonneliaceae

Peyssonnelia conchicola

Rhodomelaceae

Acanthophora spicifera Spiny algae

Chondria dasyphylla

Chondria floridana

Chondria leptacremon

Chondria littoralis

Digenea simplex

Herposiphonia pecten-veneris

Herposiphonia secunda

Laurencia corallopsis

Laurencia intricata

Laurencia obtusa

Laurencia papillosa

Laurencia poitei

Lophosiphonia cristata

Polysiphonia scopulorum

Rhodymeniaceae

Botryocladia occidentalis

Botryocladia pyriformis

Botryocladia shanksii

Sebdeniaceae

Sebdenia flabellata

Wrangeliaceae

Lejolisia sp.

Wrangelia argus

Liagoraceae

Liagora dendroidea

Solieriaceae

Wurdemannia miniata

Spyridiaceae

Spyridia filamentosa

Stylonemataceae

Pterocладиella capillacea

Stylonema sp.

CHLOROPHYTA Green algae division**Polyphysaceae** family

Acetabularia calyculus Green mermaid's wine glass

Parvocaulis polyphysoides

Anadyomenaceae

Anadyomene stellata

Caulerpaceae

Caulerpa cupressoides Cactus tree algae

Caulerpa mexicana

Caulerpa microphysa

Caulerpa racemosa Green grape algae

Caulerpa sertularioides

Caulerpa urvilleana

Cladophoraceae

Chaetomorpha gracilis

Chaetomorpha linum

Cladophora catenata

Cladophora liebetruthii

Cladophora prolifera

Rhizoclonium riparium

Codiaceae

Codium intertextum

Codium repens

Codium taylorii

Boodleaceae

Cladophoropsis membranacea

Phyllocladion anastomosans

Derbesiaceae

Derbesia sp.

Halimedaceae

Halimeda copiosa

Halimeda discoidea Large leaf watercress algae

Halimeda goreau Small-leaf hanging vine

Halimeda incrassata Three finger leaf algae

Halimeda monile

Halimeda opuntia Watercress algae

Halimeda tuna Stalked lettuce leaf algae

Siphonocladaceae

Dictyosphaeria cavernosa Green bubble algae

Dictyosphaeria ocellata

Udoteaceae

Avrainvillea asarifolia

Avrainvillea levis

Avrainvillea rawsonii

Penicillus capitatus

Penicillus dumetosus Bristle ball brush
Penicillus lamourouxii
Rhizocephalus phoenix Pinecone algae
Penicillus pyriformis Flat top bristle brush
Udotea conglutinata
Udotea cyathiformis
Udotea flabellum
Udotea occidentalis

Ulvaceae

Ulva prolifera

Valoniaceae

Valonia macrophysa Elongated sea pearls

Valonia utricularis

Valonia ventricosa Sea pearl

Hapalidiaceae

Lithothamnion sp.

SEAGRASSES FROM GLOVER'S REEF ATOLL

PLANTAE kingdom

ANGIOSPERMOPHYTA Flowering plants division

LILIOPSISIDA Monocotyledons class

Hydrocharitaceae Tape-grass family

Halophila Americanae engelmannii Engelmann's seagrass

Thalassia testudinum Turtle grass

Cymodoceaceae Manatee-grass family

Cymodocea filiformis Manatee grass

Halodule wrightii Shoalweed

LAND PLANTS FROM MIDDLE CAYE

PLANTAE kingdom

ANGIOSPERMOPHYTA Flowering plants division

LILIOPSISIDA Monocotyledons class

Agavaceae

Agave sp. Agave

Arecaceae palm family

Cocos nucifera Coconut palm

Cocos nucifera Maypan coconut palm hybrid

Thrinax radiata Chit palm

Cyperaceae Sedge family

Cyperus ligularis Swamp flatsedge

Cyperus planifolius Flatleaf flatsedge

Fimbristylis cymosa Tropical fimbry

Liliaceae Lily family

Hymenocallis littoralis Spider lily

Musaceae

Musa sp. Banana plant

Orchidaceae

Myrmecophila tibicinis Cow horn orchid

Pandanaceae

Pandanus sp. Pandanus (Screw palm)

Poaceae Grass family

- Andropogon glomeratus* Bushy bluestem
- Cenchrus spinifex* Coastal sandbur
- Cynodon dactylon* Bermuda grass
- Eragrostis prolifera* Dominican lovegrass
- Eustachys petraea* Pinewoods fingergrass
- Paspalum laxum* Coconut paspalum
- Paspalum vaginatum* Seashore paspalum
- Saccharum officinarum* Sugar cane

MAGNOLIOPSIDA Dicotyledons class

Aizoaceae Fig-marigold family

- Sesuvium portulacastrum* Shoreline seapurslane

Amaranthaceae Amaranth family

- Blutaparon vermiculare* Silverhead
- Iresine diffusa* Juba's bush

Apocynaceae Dogbane family

- Rhabdadenia biflora* Mangrovevine
- Nerium oleander* Oleander

Asteraceae Aster family

- Ageratum littorale* White weed
- Ambrosia hispida* Coastal ragweed
- Borrchia arborescens* Tree seaside tansy
- Eclipta prostrata* False daisy
- Sphagneticola trilobata* Rabbit's paw

Bataceae Saltwort family

- Batis maritima* Turtleweed

Boraginaceae Borage family

- Argusia gnaphalodes* Sea rosemary
- Cordia sebestena* Ziricote (Geiger tree)
- Tournefortia gnaphalodes* Sea lavender (Fishermen's tobacco)

Burseraceae Frankincense family

- Bursera simaruba* Gumbo limbo

Casuarinaceae

- Casuarina sp.* Australian pine

Chrysobalanaceae Cocoa-plum family

- Chrysobalanus icaco* Coco plum

Combretaceae Indian almond family

- Conocarpus erectus* Buttonwood
- Laguncularia racemosa* White mangrove
- Terminalia catappa* Indian almond (Tropical almond)

Convolvulaceae Morning-glory family

- Ipomoea pes-caprae* Bayhops

Euphorbiaceae Spurge family

- Chamaesyce blodgettii* Limestone sandmat
- Chamaesyce mesembrianthemifolia* Coastal beach sandmat
- Euphorbia sp.* Spurge

Fabaceae Pea family

- Canavalia rosea* Baybean
- Pithecellobium keyense* Florida Keys blackbead
- Sophora tomentosa* Yellow necklacepod

- Lauraceae** Laurel family
Cassytha filiformis Devil's gut
- Malvaceae**
Thespesia populnea Seaside maho
- Moraceae** Mulberry family
Ficus citrifolia Wild banyantree
- Myricaceae** Bayberry family
Morella cerifera Wax myrtle
- Nyctaginaceae** Four o'clock family
Neea psychotrioides Salat
- Passifloraceae** Passion-flower family
Passiflora suberosa Corkystem passionflower
- Polygonaceae** Buckwheat family
Coccoloba uvifera Seagrape
- Pteridaceae** Maidenhair Fern family
Acrostichum aureum Golden leatherfern
- Rhizophoraceae** Red Mangrove family
Rhizophora mangle Red mangrove
- Rubiaceae** Madder family
Erithalis fruticosa Blacktorch
Ernodea littoralis Golden creeper
Ixora coccinea West Indian jasmine
Morinda citrifolia Noni
- Sapotaceae** Sapodilla Family
Pouteria campechiana Canistel (Kaniste)
- Scrophulariaceae** Figwort family
Capraria biflora Goatweed
- Solanaceae** Potato family
Solanum donianum Mullein nightshade
- Surianaceae** Suriana family
Suriana maritima Bay cedar
- Verbenaceae** Verbena family
Avicennia germinans Black mangrove
Stachytarpheta jamaicensis Light-blue snakeweed

SPONGES FROM GLOVER'S REEF ATOLL

PORIFERA Sponges phylum

DEMOSPONGIAE class

Aplysiniidae family

Aiolochoxia crassa

Aplysina fistularis Yellow tube sponge

Aplysina fulva Scattered pore rope sponge

Aplysina lacunosa

Callyspongiidae

Callyspongia plicifera Azure vase sponge

Callyspongia vaginalis Branching vase sponge

Chalinidae

Agelas tubulata

Chondrillidae

Chondrilla nucula Chicken liver sponge

Clionidae

Cliona delitrix Red boring sponge

Cliona tenuis

Cliona varians Brown variable sponge

Spherospongia vesparium Loggerhead sponge

Dictyonellidae

Scopalina ruetzleri

Irciniidae

Ircinia felix

Mycalidae

Mycale laevis

Mycale laxissima

Mycale sp.

Niphatidae

Amphimedon compressa

Cribrochalina vasculum

Niphates digitalis

Raspailiidae

Ectyoplasia ferox

Petrosiidae

Xestospongia muta Giant barrel sponge

Phloeodictyidae

Aka coralliphaga

Tedaniidae

Tedania ignis Fire sponge

CNIDARIA FROM GLOVER'S REEF ATOLL**CNIDARIA** phylum**SCYPHOZOA** Jellyfish class**Cassiopeidae** Upsidedown jellyfishes family

Cassiopea frondosa Upsidedown jellyfish

Linuchidae

Linuche unguiculata Thimble jelly

CUBOZOA Box jellyfish class**Carybdeidae** family

Carybdea alata Sea wasp

HYDROZOA Hydrozoans class**Milleporidae** Fire corals family

Millepora alcicornis Fire coral

Millepora complanata Bladed fire coral

ANTHOZOA Sea anemones and corals class**CERIANTIPATHARIA** subclass**CERIANTHARIA** Tube-dwelling anemones order**Cerianthidae** family

Tube anemone

ANTIPATHARIA Black corals, thorny corals order**Antipathidae**

Antipathes sp.

HEXACORALLIA subclass

ACTINIARIA Sea anemones order

Actiniidae

Condylactis gigantea Giant Caribbean anemone

Aiptasiidae

Bartholomea annulata Ringed anemone

Alicidae

Alicia mirabilis Berried anemone

Phymanthidae

Phymanthus crucifer Red beaded anemone

Stichodactylidae

Stichodactyla helianthus Sun anemone

ZOANTHIDEA Zoanths order

Parazoanthidae

Parazoanthus parasiticus Sponge zoanthid

Zoanthidae

Palythoa caribbaeorum White encrusting zoanthid

Zoanthus pulchellus Mat zoanthid

CORALLIMORPHARIA order

Actinodiscidae

Discosoma sanctithomae Warty corallimorpharian

SCLERACTINIA Stony corals order

(using classification proposed by Budd et al., 2012)

Poritidae

Porites astreoides Mustard hill coral

Porites divaricata Thin finger coral

Porites furcata Branched finger coral

Porites porites Club tip finger coral

Acroporidae

Acropora cervicornis Staghorn coral

Acropora palmata Elkhorn coral

Acropora prolifera Fused staghorn coral

Agariciidae

Agaricia agaricites Lettuce coral

(sometimes referred to as *Undaria agaricites*)

Agaricia tenuifolia Thin leaf lettuce coral

(sometimes referred to as *Undaria tenuifolia*)

Agaricia fragilis Fragile saucer coral

Agaricia grahamae Dimpled sheet coral

Agaricia lamarcki Whitestar sheet coral

Helioseris cucullata Sunray lettuce coral

(formerly *Leptoseris cucullata*)

Astrocoeniidae

Stephanocoenia intersepta Blushing star coral

Siderastreidae

Siderastrea radians Lesser starlet coral

Siderastrea siderea Massive starlet coral

Pocilloporidae

Madracis decactis Ten-ray star coral

Madracis auretenra Yellow pencil coral
(formerly *Madracis mirabilis*)

Meandrinidae

Dendrogyra cylindrus Pillar coral

Dichocoenia stokesi Domed star coral

Meandrina meandrites Maze coral

Meandrina danae Butterprint rose coral

Eusmilia fastigiata Smooth flower coral
(formerly in Family Caryophylliidae)

Oculinidae

Cladocora arbuscula Tube coral

(formerly in Family Caryophylliidae)

Solenastrea bournoni Smooth star coral
(formerly in Family Faviidae)

Montastraeidae

Montastraea cavernosa Great star coral
(formerly in Family Faviidae)

Merulinidae

Orbicella annularis Lobed star coral

(formerly *Montastraea annularis* in Family Faviidae)

Orbicella faveolata Mountainous star coral

(formerly *Montastraea faveolata* in Family Faviidae)

Orbicella franksi Boulder star coral

(formerly *Montastraea franksi* in Family Faviidae)

Mussidae

Mussinae

Isophyllia rigida Rough star coral

(formerly *Isophyllastrea rigida*)

Isophyllia sinuosa Sinuous cactus coral

Mussa angulosa Spiny flower coral

Mycetophyllia aliciae Knobby cactus coral

Mycetophyllia ferox Rough cactus coral

Mycetophyllia lamarckiana Ridged cactus coral

Mycetophyllia reesi Ridgeless cactus coral

Scolymia cubensis Artichoke coral

Scolymia lacera Atlantic mushroom coral

Faviinae (formerly Family Faviidae, *in part*)

Colpophyllia natans Boulder brain coral

Diploria labyrinthiformis Grooved brain coral

Pseudodiploria clivosa Knobby brain coral
(formerly *Diploria clivosa*)

Pseudodiploria strigosa Symmetrical brain coral
(formerly *Diploria strigosa*)

Favia fragum Golfball coral

Manicina areolata Rose coral

OCTOCORALLIA subclass

ALCYONACEA Soft corals, Sea fans, Sea whips order

Briaridae

Briareum asbestinum Corky sea finger

Gorgoniidae

Gorgonia ventalina Common sea fan

Pseudopterogorgia bipinnata Bipinnate sea plume

Plexauridae

Eunicea mammosa Swollen-knob candelabrum

Plexaura homomalla Black sea rod

Plexaurella sp.

Pseudoplexaura sp.

ANNELID WORMS FROM GLOVER'S REEF ATOLL

ANNELIDA phylum

POLYCHAETA class

Amphinomidae Fire worms

Hermodice carunculata Bearded fire worm

Arenicolidae Lugworms

Arenicola cristata Southern lugworm

Sabellidae Feather duster worms

Anamobaea oerstedii Split-crown feather duster

Bispira brunnea Social feather duster

Sabellastarte magnifica Magnificent feather duster

Serpulidae Serpulid worms

Pomatostegus stellatus Star horseshoe worm

Salmacina huxleyi Sea frost

Spirobranchus giganteus Christmas tree worm

Terebellidae Spaghetti worms

Eupolyommia crassicornis Spaghetti worm

MOLLUSCA FROM GLOVER'S REEF ATOLL

MOLLUSCA phylum

GASTROPODA class

Aglajidae

Chelidonura hirundinina Leech headshield slug

Aplysiidae

Aplysia dactylomela Spotted sea hare

Aplysia parvula

Buccinidae family

Engina turbinella

Pisania pusio Miniature trumpet triton

Bursidae

Bursa granularis

Bursa thomae

Cassidae Helmet shells

Cassis madagascariensis Emperor helmet

Cypraecassis testiculus Reticulated cowrie-helmet

Cerithiidae Ceriths

Cerithium atratum

Cerithium litteratum Stocky cerith

Columbellidae

Columbella mercatoria West Indian dove shell

Nitidella ocellata White-spotted dove shell

Conidae Cone snails

Conus mus

Conus regius Crown cone

Coralliophilidae

Coralliophila abbreviata

Coralliophila caribaca

Costellariidae

Vexillum hanlevi

Cymatiidae

Cymatium muricinum

Cypraeidae Cowries

Cypraea cervus Atlantic deer cowrie

Elysiidae Sea slugs

Elysia crispata Lettuce sea slug

Elysia tuca Sacoglossan sea slug

Fasciariidae Tulip and Spindle shells

Leucozonia leucozonalis

Leucozonia ocellata White-spotted latirus

Pleuroploca gigantea Horse conch

Littorinidae Periwinkles

Littorina ziczac Zebra periwinkle

Marginellidae

Hyalina albolineata

Prunum guttatum

Mitridae

Mitra barbadensis Barbados miter

Modulidae Modulus sea snails

Modulus carchedonius Angled modulus

Modulus modulus Button snail

Muricidae

Drupa nodulosa Blackberry drupe

Murex florifer

Muricopsis oxytatus

Thais deltoidea Deltoid rocksnail

Neritidae Nerites

Nerita sp. Nerite

Ovulidae False cowries

Cyphoma gibbosum Flamingo tongue

Strombidae Conchs

Strombus costatus Milk conch

Strombus gigas Queen conch

Strombus raninus Hawkwing conch

Tonnidae

Malea pomum

Trochidae Top snails

Calliostoma javanicum Chocolate-lined top-shell

Cittarium pica West Indian top-shell, Whelk

Tegula fasciata Silky tegula

Tegula livdomaculata

Turbinellidae

Turbinella angulata West Indian chank

Vasum muricatum Caribbean vase

Turbinidae

Astraea americana

Astraea caelata

Astraea phoebia

Turridae

Crassispira fuscescens

Turritellidae Tower shells

Vermicularia knorrii Florida wormsnail

BIVALVIA class

Lucinidae Lucines

Lucina pensylvanica Pennsylvania lucine

Pinnidae Pen shells

Pinna carnea Amber penshell

Pteriidae Pearl oysters

Pteria colymbus Atlantic wing-oyster

Pinctada imbricata Atlantic pearl oyster

CEPHALOPODA class

DECAPODA order

Loliginidae Inshore squids

Sepioteuthis sepioidea Caribbean reef squid

OCTOPODA order

Octopodidae Octopusses

Octopus briareus Caribbean reef octopus

ARTHROPODS FROM GLOVER'S REEF ATOLL

ARTHROPODA phylum

CRUSTACEA subphylum

CALANOIDA Calanoid copepods order

Acartiidae family

Acartia tonsa

DECAPODA order

Anomura infraorder

Galatheoidea superfamily

Porcellanidae Porcelain crabs

Petrolisthes armatus Green porcelain crab

Paguroidea superfamily

Coenobitidae Land hermit crabs

Coenobita clypeatus Land hermit crab

Diogenidae

Paguristes cadenati Red reef hermit crab

Brachyura Short-tailed crabs infraorder

Calappoidea superfamily

- Calappidae** Box crabs family
 - Calappa gallus* Rough box crab
- Grapsoidea** superfamily
 - Gecarcinidae**
 - Cardisoma guanhumi* Blue land crab
 - Grapsidae**
 - Grapsus grapsus* Sally Lightfoot
 - Sesarmidae**
 - Aratus pisonii* Mangrove tree crab
- Majoidea** Spider crabs superfamily
 - Inachidae**
 - Stenorhynchus seticornis* Arrowhead crab
- Mithracidae**
 - Mithraculus sculptus* Green clinging crab
 - Mithrax spinosissimus* Channel clinging crab
- Pinnotheroidea** superfamily
 - Pinnotheridae** Pea crabs
 - Dissodactylus primitivus* Heart urchin pea crab
- Caridea** True shrimps infraorder
 - Alpheoidea** superfamily
 - Hippolytidae**
 - Lysmata wurdemanni* Peppermint shrimp
 - Palaemonoidea** superfamily
 - Palaemonidae**
 - Periclimenes pedersoni* Pederson cleaner shrimp
- Palinura** infraorder
 - Palinuroidea** superfamily
 - Palinuridae** Spiny lobsters
 - Panulirus argus* Caribbean spiny lobster
 - Panulirus guttatus* Spotted spiny lobster
 - Scyllaridae** Slipper lobsters
 - Scyllarides aequinoctialis* Spanish slipper lobster
- Cirrhypedia** **Barnacles** Infraclass
 - PEDUNCULATA** Goose barnacles order
 - Lepas anatifera* Common goose barnacle
 - Lepas anserifera*

CONSPICUOUS SPIDERS AND INSECTS OF MIDDLE CAYE

ARTHROPODA phylum

ARACHNIDA class

Theridiidae Tangled web spiders

Tangled web spider (at least 2 species)

Salticidae Jumping spiders

Jumping spider (at least 1 species)

INSECTA class

DICTYOPTERA order

Blattaria Cockroaches suborder

Cockroach (at least 2 species)

- DIPTERA** true flies order
Ceratopogonidae no-see-ums
Culicoides sp. Sand fly
Culicidae Mosquitoes
Anopheles sp.
Aedes sp.
Culex sp.
Muscidae
Musca domestica Housefly
HEMIPTERA True bugs order
Cixiidae Cixiid planthoppers
Myndus crudus American palm cixiid
ISOPTERA Termites order
Termite
ODONATA
Epiprocta suborder
Anisoptera infraorder
Dragonfly
SIPHONAPTERA Fleas order
Ctenocephalides sp. Flea

ECHINODERMS FROM GLOVER'S REEF ATOLL

ECHINODERMATA phylum

ASTEROIDEA Sea stars class

Astropectinidae family

Astropecten duplicatus Two-spined seastar

Oreasteridae Cushion stars

Oreaster reticulatus Cushioned star

ECHINOIDEA Sea urchins class

Brissidae Heart urchins

Meoma ventricosa Red heart urchin

Cidaridae Pencil urchins

Eucidaris tribuloides Slate pencil urchin

Diadematidae Longspine sea urchins

Diadema antillarum Long-spined sea urchin

Echinometridae

Echinometra mathaei Rock-boring urchin

Echinometra viridis Reef urchin

Mellitidae Sand dollars

Leodia sexiesperforata Six holed keyhole urchin

Toxopneustidae

Tripneustes ventricosus West Indian sea egg

HOLOTHUROIDEA Sea cucumbers class

Holothuriidae

Holothuria mexicana Donkey dung sea cucumber

Holothuria thomasi Tiger tail sea cucumber

Stichopodidae

Isostichopus badionotus Chocolate chip sea cucumber

Synaptidae

Euapta lappa

OPHIUROIDEA Brittle stars class

Ophiocomidae

Ophiocoma echinata Black brittle star

ASCIDIANS FROM GLOVER'S REEF ATOLL

CHORDATA phylum

ASCIDIACEA class

Holozoidae Sea squirts family

Distaplia corolla Button tunicates

FISHES FROM GLOVER'S REEF ATOLL

CHORDATA phylum

CHONDRICHTHYES Sharks & rays class

CARCHARHINIFORMES Ground sharks order

Carcharhinidae Requiem sharks family

Carcharhinus falciformis Silky shark

Carcharhinus galapagensis Galapagos shark

Carcharhinus isodon Cuban night shark

Carcharhinus leucas Bull shark

Carcharhinus limbatus Blacktip Shark

Carcharhinus perezii Caribbean reef shark

Galeocerdo cuvier Tiger shark

Negaprion brevirostris Lemon shark

Rhizoprionodon porosus Caribbean sharpnose shark

Sphyrnidae Hammerhead sharks

Sphyrna lewini Scalloped hammerhead

Sphyrna mokarran Great hammerhead

Sphyrna zygaena Smooth hammerhead

Triakidae Hound sharks

Mustelus canis insularis Smooth dogfish

ORECTOLOBIFORMES Carpet sharks order

Ginglymostomatidae Nurse sharks

Ginglymostoma cirratum Nurse shark

Rhincodontidae Whale shark

Rhincodon typus Whale shark

MYLIOBATIFORMES Stingrays order

Dasyatidae Stingrays

Dasyatis americana Southern stingray

Himantura schmardae Caribbean stingray

Myliobatidae Eagle rays

Aetobatus narinari Spotted eagle ray

Torpedinidae Electric rays

Narcine brasiliensis Lesser electric ray

Urolophidae Round stingrays

Urobatis jamaicensis Yellow stingray

ACTINOPTERYGII Ray-finned fishes class

ALBULIFORMES Bonefishes order

Albulidae Bonefishes family

Albula vulpes Bonefish

ANGUILLIFORMES Eels order
 Congridae Conger eels
 Heteroconger longissimus Brown garden eel
 Muraenidae Moray eels
 Gymnothorax funebris Green moray
 Gymnothorax miliaris Goldentail moray
 Gymnothorax moringa Spotted moray
 Ophichthidae Snake eels
 Myrichthys breviceps Sharptail eel
 Ophichthus ophis Spotted snake eel
AULOPIFORMES Aulopiforms order
 Synodontidae Lizardfishes
 Synodus intermedius Sand diver
 Synodus saurus Bluestriped lizardfish
BATRACHOIDIFORMES Batrachoidiforms order
 Batrachoididae Toadfishes
 Batrachoides gilberti Large eye toadfish
 Sanopus astrifer Whitespotted toadfish
 Sanopus splendidus Splendid toadfish
BELONIFORMES Needlefishes and relatives order
 Belonidae Needlefishes
 Ablennes hians Flat needlefish
 Strongylura marina Atlantic needlefish
 Tylosurus crocodilus Houndfish
 Exocoetidae Flyingfishes
 Hirundichthys speculiger Mirrorwing flyingfish
BERYCIFORMES order
 Holocentridae Squirrelfishes and Soldierfishes
 Holocentrus adscensionis Squirrelfish
 Holocentrus rufus Longspine squirrelfish
 Myripristis jacobus Blackbar soldierfish
 Neoniphon marianus Longjaw squirrelfish
 Sargocentron coruscum Reef squirrelfish
 Sargocentron vexillarium Dusky squirrelfish
CLUPEIFORMES Herrings order
 Clupeidae Herrings and relatives
 Harengula humerali Redear Herring (Sprat)
ELOPIFORMES Tarpons order
 Megalopidae Tarpons
 Megalops atlanticus Atlantic tarpon
GASTEROSTEIFORMES Pipefishes and relatives order
 Aulostomidae Trumpetfishes
 Aulostomus maculatus Trumpetfish
 Syngnathidae seahorses
 Hippocampus erectus Lined seahorse
 Hippocampus reidi Longsnout seahorse
LOPHIIFORMES Anglerfishes order
 Ogcocephalidae Batfishes
 Ogcocephalus nasutus Shortnose batfish

PERCIFORMES Perch-like fishes order

Apogonidae Cardinalfishes

- Apogon binotatus* Barred cardinalfish
- Apogon lachneri* Whitestar cardinalfish
- Apogon maculatus* Flamefish
- Apogon planifrons* Pale cardinalfish
- Apogon townsendi* Belted cardinalfish
- Astrapogon stellatus* Conchfish
- Phaeoptyx pigmentaria* Dusky cardinalfish

Blenniidae Blennies

- Ophioblennius atlanticus* Redlip blenny

Carangidae Jacks

- Carangoides bartholomaei* Yellow jack
- Carangoides ruber* Bar jack
- Caranx crysos* Blue runner
- Caranx hippos* Crevalle jack
- Caranx latus* Horse-eye jack
- Caranx lugubris* Black jack
- Elagatis bipinnulata* Rainbow runner
- Selene vomer* Lookdown
- Seriola dumerili* Greater amberjack
- Trachinotus falcatus* Permit

Chaenopsidae Flag blennies, Tube blennies

- Acanthemblemaria aspera*
- Acanthemblemaria spinosa* Spinyhead blenny
- Chaenopsis ocellata* Bluethroat pikeblenny
- Emblemaria pandionis* Sailfin blenny
- Lucayablennius zingaro* Arrow blenny

Chaetodontidae Butterflyfishes

- Chaetodon capistratus* Foureye butterflyfish
- Chaetodon ocellatus* Spotfin butterflyfish
- Chaetodon striatus* Banded butterflyfish
- Cheatodon sedentarius* Reef butterflyfish
- Prognathodes aculeatus* Longsnout butterflyfish

Cirrhitidae Hawkfishes

- Amblycirrhitus pinos* Redspotted hawkfish

Echeneidae Sharksuckers

- Echeneis naucrates* Sharksucker
- Echeneis neucratoides* Whitefin sharksucker

Ephippidae Spadefishes

- Chaetodipterus faber* Atlantic spadefish

Gerreidae Mojarras

- Gerres cinereus* Yellowfin mojarra

Gobiidae Gobies

- Bathygobius soporator* Frillfin goby
- Coryphopterus dicrus* Colon goby
- Coryphopterus eidolon* Pallid goby
- Coryphopterus hyalinus* Glass goby
- Coryphopterus lipernes* Peppermint goby
- Coryphopterus personatus* Masked goby

Ctenogobius saepepallens Dash goby
Elacatinus dilepis Orangesided goby
Elacatinus louisae Spotlight goby
Elacatinus lobeli
Gnatholepis thompsoni Goldspot goby
Gobiosoma sp. Cleaning goby

Grammatidae Basslets

Gramma loreto Fairy basslet, Royal gramma
Gramma melacara Blackcap basslet

Haemulidae Grunts

Anisotremus surinamensis Black margate
Anostremus virginicus Porkfish
Haemulon album White margate
Haemulon aurolineatum Tomtate
Haemulon carbonarium Caesar grunt
Haemulon chrysargyreum Smallmouth grunt
Haemulon flavolineatum French grunt
Haemulon macrostomum Spanish grunt
Haemulon parrai Sailor's choice
Haemulon plumieri White grunt
Haemulon sciurus Bluestriped grunt
Haemulon striatum Striped grunt

Inermiidae Bogas and Bonnetmouths

Emmelichthyops atlanticus Bonnetmouth
Inermia vittata Boga

Istiophoridae

Makaira nigricans Atlantic blue marlin

Kyphosidae Sea chubs

Kyphosus incisor Yellow Chub
Kyphosus sectator Chub

Labride Wrasses

Bodianus pulchellus Spotfin hogfish
Bodianus rufus Spanish hogfish
Clepticus parrae Creole wrasse
Halichoeres bivittatus Slippery dick
Halichoeres garnoti Yellowhead wrasse
Halichoeres maculipinna Clown wrasse
Halichoeres pictus Rainbow Wrasse
Halichoeres radiatus Puddingwife
Lachnolaimus maximus Hogfish
Thalassoma bifasciatum Bluehead wrasse
Xyrichtys martinicensis Rosy razorfish
Xyrichtys splendens Green razorfish

Labrisomidae Labrisomid blennies

Malacoctenus boehlkei Diamond blenny
Malacoctenus macropus Rosy blenny
Malacoctenus triangulatus Saddled blenny

Lutjanidae Snappers

Lutjanus analis Mutton snapper
Lutjanus apodus Schoolmaster snapper

Lutjanus buccanella Blackfin snapper
Lutjanus cyanopterus Cubera snapper
Lutjanus griseus Gray snapper
Lutjanus jocu Dog snapper
Lutjanus mahogoni Mahogany snapper
Lutjanus synagris Lane snapper
Lutjanus vivanus Silk Snapper, Yellow eye snapper
Ocyurus chrysurus Yellowtail snapper

Malacanthidae Tilefishes

Malacanthus plumieri Sand tilefish

Mugilidae Mulletts

Mugil curema White mullet

Mullidae Goatfishes

Mulloidichthys martinicus Yellow goatfish

Pseudupeneus maculatus Spotted goatfish

Opistognathidae Jawfishes

Opistognathus aurifrons Yellowhead jawfish

Opistognathus macrogathus Banded jawfish

Opistognathus whitehursti Dusky jawfish

Pempheridae Sweepers

Pempheris schomburgkii Glassy Sweeper

Pomacanthidae Angelfishes

Centropyge argi Cherubfish

Holacanthus bermudensis Blue angelfish

Holacanthus ciliaris Queen angelfish

Holacanthus tricolor Rock beauty

Pomacanthus arcuatus Gray angelfish

Pomacanthus paru French angelfish

Pomacentridae Damselishes

Abudefduf saxatilis Sergeant major

Chromis cyanea Blue chromis

Chromis enchrysur Yellowtail reeffish

Chromis insolata Sunshinefish

Chromis multilineata Brown chromis

Microspathodon chrysurus Yellowtail damselfish

Stegastes diencaeus Longfin damselfish

Stegastes adustus Dusky damselfish

Stegastes leucostictus Beaugregory

Stegastes partitus Bicolor damselfish

Stegastes planifrons Threespot damselfish

Stegastes variabilis Cocoa Damselfish

Priacanthidae Bigeyes

Heteropriacanthus cruentatus Glasseye snapper

Priacanthus arenatus Bigeye

Rachycentridae Cobias

Rachycentron canadum Cobia

Scaridae Parrotfishes

Cryptotomus roseus Bluelip parrotfish

Scarus coelestinus Midnight parrotfish

Scarus coeruleus Blue parrotfish

Scarus guacamaia Rainbow parrotfish
Scarus iseri Striped parrotfish
Scarus taeniopterus Princess parrotfish
Scarus vetula Queen parrotfish
Sparisoma atomarium Greenblotch parrotfish
Sparisoma aurofrenatum Redband parrotfish
Sparisoma chrysopterus Redtail parrotfish
Sparisoma radians Bucktooth parrotfish
Sparisoma rubripinne Redfin Parrotfish
Sparisoma viridae Stoplight parrotfish

Sciaenidae Drums

Equetus punctatus Spotted drum

Scombridae Mackerels

Acanthocybium solandri Wahoo
Scomberomorus cavalla King mackerel
Scomberomorus maculatus Spanish mackerel
Scomberomorus regalis Cero
Thunnus albacares Yellowfin Tuna

Serranidae Sea basses

Cephalopholis cruentata Graysby
Cephalopholis fulva Coney
Epinephelus adscensionis Rock hind
Epinephelus guttatus Red hind
Epinephelus itajara Goliath grouper
Epinephelus striatus Nassau grouper
Hypoplectrus aberrans Yellowbelly hamlet
Hypoplectrus gummigutta Golden hamlet
Hypoplectrus guttavarius Shy hamlet
Hypoplectrus indigo Indigo hamlet
Hypoplectrus nigricans Black hamlet
Hypoplectrus providencianus Masked hamlet
Hypoplectrus puella Barred hamlet
Hypoplectrus sp. Hybrid hamlet
Hypoplectrus unicolor Butter hamlet
Liopropoma mowbrayi Cave bass
Liopropoma rubre Peppermint bass
Mycteroperca bonaci Black grouper
Mycteroperca interstitialis Yellowmouth grouper
Mycteroperca phenax Scamp
Mycteroperca tigris Tiger grouper
Mycteroperca venenosa Yellowfin grouper
Paranthias furcifer Creole-fish
Rypticus saponaceus Greater soapfish
Schultzea beta School bass
Serranus tabacarius Tobaccofish
Serranus tigrinus Harlequin bass
Serranus tortugarum Chalk bass

Sparidae Porgies

Archosargus probatocephalus Sheepshead

Calamus bajonado Jolthead Porgy

Calamus calamus Saucereye Porgy

Sphyraenidae Barracudas

Sphyraena barracuda Great barracuda

Sphyraena borealis Southern sennet

Tripterygiidae Triplefins

Enneanectes altivelis Lofty Triplefin

PLEURONECTIFORMES Flatfishes order

Bothidae Lefteye flounders

Bothus lunatus Peacock flounder

Bothus ocellatus Eyed Flounder

SCORPAENIFORMES Scorpionfishes and relatives order

Dactylopteridae Flying gurnards

Dactylopterus volitans Flying Gurnard

Scorpaenidae Scorpionfishes

Scorpaena plumieri Spotted scorpionfish

Pterois volitans Red lionfish

TETRAODONTIFORMES Trunkfishes and relatives order

Acanthuridae Surgeonfishes

Acanthurus bahianus Ocean surgeonfish

Acanthurus chirurgicus Doctorfish

Acanthurus coeruleus Blue tang

Balistidae Triggerfishes and Filefishes

Balistes caprisus Grey triggerfish

Balistes vetula Queen triggerfish

Canthidermis sufflamen Ocean triggerfish

Melichthys niger Black durgon

Diodontidae Porcupinefishes

Chilomycterus antennatus Bridled Burrfish

Diodon holocanthus Balloonfish

Diodon hystrix Porcupinefish

Monacanthidae Filefishes

Aluterus schoepfii Orange filefish

Aluterus scriptus Scrawled filefish

Cantherhines macrocerus Whitespotted filefish

Cantherhines pullus Orangespotted filefish

Monacanthus tuckeri Slender filefish

Ostraciidae Boxfishes

Acanthostracion polygonius Honeycomb Cowfish

Acanthostracion quadricornis Scrawled Cowfish

Lactophrys bicaudalis Spotted trunkfish

Lactophrys trigonus Trunkfish

Lactophrys triqueter Smooth trunkfish

Tetraodontidae Puffers

Sphoeroides spengleri Bandtail puffer

Canthigaster rostrata Sharpnose puffer

REPTILES FROM GLOVER'S REEF ATOLL

CHORDATA phylum

REPTILIA class

SQUAMATA Lizards order

Gekkonidae Geckos family

Aristelliger georgeensis St. George island gecko

Phyllodactylus insularis Island leaf-toed gecko

Polychrotidae Anoloid Lizards

Anolis sagrei Brown Anole

Iguanidae Iguanas

Ctenosaura similis Black spiny-tailed Iguana

Iguana iguana Green Iguana

TESTUDINES Turtles order

Cheloniidae Sea Turtles

Caretta caretta Loggerhead sea turtle

Chelonia mydas Green sea turtle

Eretmochelys imbricata Hawksbill sea turtle

CROCODILIA Crocodylians order

Crocodylidae Crocodiles

Crocodylus acutus American crocodile

BIRDS SEEN ON GLOVER'S REEF ATOLL

CHORDATA phylum

AVES class

Accipitridae Eagles and Hawks family

Pandion haliaetus Osprey

Anatidae Ducks

Anas discors Blue-winged Teal

Apodidae Swifts

Chaetura pelagica Chimney Swift

Ardeidae Bitterns, Egrets, Herons

Ardea alba Great Egret

Ardea herodias Great Blue Heron

Bubulcus ibis Cattle Egret

Butorides virescens Green Heron

Egretta caerulea Little Blue Heron

Egretta thula Snowy Egret

Egretta tricolor Tricolored Heron

Nyctanassa violacea Yellow-crowned Night-Heron

Nycticorax nycticorax Black-crowned Night Heron

Bombycillidae Waxwings

Bombycilla cedrorum Cedar Waxwing

Caprimulgidae Nightjars

Chordeiles minor Common Nighthawk

Cardinalidae Cardinals and Grosbeaks

Passerina caerulea Blue Grosbeak

Passerina ciris Painted Bunting

Passerina cyanea Indigo Bunting

Pheucticus ludovicianus Rose-breasted Grosbeak

Charadriidae Plovers and relatives
Pluvialis squatarola Black-bellied Plover

Columbidae Doves and Pigeons
Patagioenas leucocephala White-crowned Pigeon
Zenaida asiatica White-winged Dove

Cuculidae Cuckoos
Coccyzus americanus Yellow-billed Cuckoo

Enidae Kingfishers
Megaceryle alcyon Belted Kingfisher

Falconidae Caracaras, Falcons
Falco columbarius Merlin
Falco peregrinus Peregrine Falcon

Fregatidae Frigatebirds
Fregata magnificens Magnificent Frigatebird

Fringillidae Old World Finches
Carduelis tristis American Goldfinch

Hirundinidae Swallows
Hirundo rustica Barn Swallow
Progne subis Purple Martin
Riparia riparia Bank Swallow
Stelgidopteryx ruficollis Southern Rough-winged Swallow
Tachycineta bicolor Tree Swallow

Icteridae Blackbirds and Oreoles
Icterus galbula Baltimore Oriole
Icterus spurius Orchard Oriole
Quiscalus mexicanus Great-tailed Grackle

Laridae Terns, Gulls and relatives
Anous stolidus Brown Noddy
Anous tenuirostris Sooty Noddy
Larus atricilla Laughing Gull
Sterna antillarum Least Tern
Sterna fuscata Sooty Tern
Sterna maxima Royal Tern

Mimidae Mockingbirds and Thrashers
Dumetella carolinensis Gray Catbird

Parulidae New World Warblers, Wood-Warblers
Dendroica caerulescens Black-throated Blue Warbler
Dendroica castanea Bay-breasted Warbler
Dendroica cerulea Cerulean Warbler
Dendroica coronata Yellow-rumped warbler
Dendroica discolor Prairie Warbler
Dendroica dominica Yellow-throated Warbler
Dendroica fusca Blackburnian Warbler
Dendroica magnolia Magnolia Warbler
Dendroica palmarum Palm Warbler
Dendroica pensylvanica Chestnut-sided Warbler
Dendroica petechia erithachorides Mangrove Warbler
Dendroica petechia Yellow Warbler
Dendroica tigrina Cape May Warbler
Dendroica virens Black-throated Green Warbler

Geothlypis trichas Common Yellowthroat
Helmitheros vermivorum Worm-eating Warbler
Icteria virens Yellow-breasted Chat
Limnothlypis swainsonii Swainson's Warbler
Mniotilta varia Black-and-white Warbler
Oporornis formosus Kentucky Warbler
Parula americana Northern Parula
Protonotaria citrea Prothonotary Warbler
Seiurus aurocapilla Ovenbird
Seiurus motacilla Louisiana Waterthrush
Seiurus noveboracensis Northern Waterthrush
Setophaga ruticilla American Redstart
Vermivora chrysoptera Golden-winged Warbler
Vermivora peregrina Tennessee Warbler
Vermivora pinus Blue-winged Warbler
Wilsonia citrina Hooded Warbler

Pelecanidae Pelicans

Pelecanus occidentalis Brown Pelican

Phaethontidae Tropicbirds

Phaethon lepturus White-tailed Tropicbird

Phalacrocoracidae Cormorants

Phalacrocorax auritus Double-crested Cormorant

Phasianidae Pheasants and relatives

Gallus gallus domesticus Domesticated Chicken

Picidae Woodpeckers

Sphyrapicus varius Yellow-bellied Sapsucker

Rallidae Coots and Rails

Fulica sp. Coot

Rail

Porzana carolina Sora

Scolopacidae Sandpipers

Actitis macularius Spotted Sandpiper

Arenaria interpres Ruddy Turnstone

Calidris alba Sanderling

Tringa melanoleuca Greater Yellowlegs

Sulidae Boobies and Gannets

Sula leucogaster Brown Booby

Sula sula Red-footed Booby

Thraupidae Tanagers

Piranga olivacea Scarlet Tanager

Piranga rubra Summer Tanager

Trochilidae Hummingbirds

Amazilia tzacatl Rufous-tailed Hummingbird

Anthracothorax prevostii prevostii Green-breasted Mango

Archilochus colubris Ruby-throated Hummingbird

Chlorostilbon ricordii Cuban Emerald Hummingbird

Turdidae

Catharus guttatus Hermit Thrush
Catharus minimus Gray-cheeked Thrush
Catharus ustulatus Swainson's Thrush
Hylocichla mustelina Wood Thrush

Tyrannidae Tyrant Flycatchers

Contopus virens Eastern Wood-Pewee
Empidonax flaviventris Yellow-bellied Flycatcher
Myiarchus crinitus Great-crested Flycatcher
Tyrannus forficatus Scissortail Flycatcher
Tyrannus tyrannus Eastern Kingbird
Xenotriccus mexicanus Pileated Flycatcher

Vireonidae Vireos

Vireo altiloquus Black-whiskered Vireo
Vireo flavifrons Yellow-throated Vireo
Vireo griseus White-eyed Vireo
Vireo magister Yucatan Vireo
Vireo olivaceus Red-eyed Vireo
Vireo pallens Mangrove Vireo
Vireo philadelphicus Philadelphia Vireo
Vireo solitarius Solitary Vireo

MAMMALS FROM GLOVER'S REEF ATOLL

CHORDATA phylum

MAMMALIA class

ARTIODACTYLA order

Suidae Pigs

Sus sp. Domesticated pig

CARNIVORA order

Canis familiaris Domesticated dog

Felis cattus Domesticated cat

CETACEA order

Delphinidae Dolphins

Stenella frontalis Atlantic spotted dolphin

Stenella longirostris Long-snouted spinner dolphin

Tursiops truncatus Bottlenosed dolphin

CHIROPTERA Bats order

Bat

LAGOMORPHA order

Leporidae

Oryctolagus cuniculus European rabbit (Domestic rabbit)

RODENTIA order

Cavia sp. Guinea pig

Rattus sp. Rat

SIRENIA order

Trichechidae Manatees

Trichechus manatus West Indian Manatee

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TAXONOMIC DATA BASES:

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Belize Biodiversity Information System	http://fwie.fw.vt.edu/wcs/
FishBase	http://www.fishbase.org/
GBIF, Global Biodiversity Information Facility	http://data.gbif.org/
Glover's Reef Marine Station	http://wcsgloversreef.org/
ITIS, Integrated Taxonomic Information System	http://www.itis.gov/
NBII, National Biol. Information Infrastructure	http://www.nbii.gov/
PlantBase	http://www.plantbase.net/
USDA Plants Database	http://plants.usda.gov/
WoRMS, World register of Marine Species	http://www.marinespecies.org/
ReefVid	http://www.reefvid.org

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