



Reef Urchin. S, 1, So, Rf. *Echinometra viridis.*



Striped Sea Star. S, 1, So, Sa. *Luidia clathrata.*



Golden Crinoid. S-M, 1, So, Rf. *Davidaster rubiginosa.*



Donkey Dung Sea Cucumber. M, 1, So, Sa. *Holothuria mexicana.*



Three-Rowed Sea Cucumber. M, 1, So, Rf. *Isostichopus badionotus.*



Furry Sea Cucumber. M, 5, So & Sh, Sa & Sg. *Astichopus multifidus.*



Elkhorn Coral. M-L, 2, Co, Rf. *Acropora palmata.*



Finger Coral (Lft). M, 1, Co, Rf. *Porites ?porites.* **Yellow Pencil Coral (Rht).** M, 1, Co, Rf. *Madracis mirabilis.*



Massive Starlet Coral (surrounding Finger Coral). L, 5, Co, Rf., *Siderastrea siderea.*



Grooved Brain Coral. S-M, 1, Co, Rf. *Diploria labyrinthiformis.*



Knobby or Encrusting Brain Coral. M, 1, Co, Rf. *Diploria clivosa.*



Maze Coral. S, 1, Co, Rf. *Meandrina meandrites.*



Sun Coral. S, 1, Sh & Co, Rf. Closed during day. *Tubastraea coccinea.*



Sun Coral, same species at dusk and during night.



Branching Fire Coral. S-M, 1, Co, Rf. Also encrusts *Millepora alcicornis.* ☹️



Common Sea Fan. M-L, 5, Co, Rf. *Gorgonia ventalina.*



Giant Anemone. S-M, 1, So, Rf. *Condylactis gigantea.*



Banded Tube Dwelling Anemone. S-M, 1, So, Sa. *Isarachnanthus ?nocturnus.*



Spaghetti Worm. S, 1, So, Rf/Sa. *Eupolymnia crassocornis.*



Bearded Fireworm. S, 1, So, Rf & Sg. *Hermodice carunculata.* ☹️



Social Feather Duster. S, 1, Sh, Rf. *Bispira brunnea.*



Split-Crown Feather Duster. S, 1, Sh, Rf. *Anamobaea orstedii.*



Magnificent Feather Duster. S, 1, So, Rf. *Sabellastarte magnifica.*



Christmas Tree Worm. Vs, 1, So & Sh, Rf. *Spirobranchus giganteus.*



Giant Barrel Sponge. L, 1 & 5, Co, Rf. *Xestospongia muta.*



Orange Elephant Ear Sponge & Erect Rope Sponge. M, 1, Co, Rf.



Yellow Tube Sponge. M, 2, Co, Rf. *Aplysina fistularis.*



Azure Vase Sponge. M, 1, Co, Rf. *Callyspongia plicifera.*



Branching Vase Sponge. M, 1, Co, Rf. *Callyspongia vaginalis.*



Broadleaf Seagrass & Mermaid's Shaving Brush Alga. 3, Sg.



Snorkellers Guide to Marine Life at Sugar Beach

Prepared by Dr. Nigel Thomas, with the collaboration of the watersports team of SUGAR BEACH

MARINE LIFE

This guide is intended to let you know about a few of the many marine species you can see in the waters off Sugar Beach Resort.

The species have been grouped into different types, with an indication of where you can best see them.

All of these images were collected while snorkelling at Sugar Beach in 2017. **Common names** are in bold while *Latin* are in italic. An indication of size is given: **L** = Large, **M** = Medium, **S** = Small and **VS** = Very small. ☹️ = Don't touch, ☺️ = Keep your distance. **1, 2, All,** etc. indicates where you can see them. Species are classified as: **So** = Solitary or in pairs; **Sh** = shoaling/aggregating; **Co** = Colonial. Habitats are classified as: Found near/on the reef (**Rf**); in open water (**Ow**); on sand (**Sa**); or Seagrass (**Sg**). ? = uncertain species.

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SAFETY

Pay particular attention to safe entry and exit points at all times. The safest place to snorkel is in the roped off area within the Marine Reserve (1). This is to the right hand side of the beach. Vessel activity can occur in all other areas.



Brown Chromis. S, 1, Sh, Rf. *Chromis multilineata.*



Sergeant Major. S, 1, Sh, Rf. *Abudefduf saxatilis.*



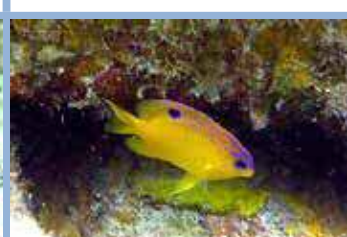
Banded Butterflyfish. S, 1, So, Rf. *Chaetodon striatus.*



Ocean Surgeonfish. M, 1 & 3, Sh, Rf. *Acanthurus bahianus.*



Yellowtail Damselfish (Juv). S, 1, So, Rf. *Microspathodon chrysurus.*



Longfin Damselfish (Juv). S, 1, So, Rf. *Stegastes diencaeus.*



Spotfin Butterflyfish. S, 1, So, Rf. *Chaetodon ocellatus*.



French Grunt. S-M, 1, Sh, Rf. *Haemulon flavolineatum*.



Four-eye Butterflyfish (Lft). S, 1, So, Rf. *Chaetodon capistratus*. With an **Ocean Surgeonfish (Rht)**



Blue Tang. M, 1, So & Sh, Rf. *Acanthurus coeruleus*.



Mutton Snapper. M, 1, So, Rf. *Lutjanus analis*.



Coney. M, 1, So, Rf. *Cephalopholis fulva*.



Yellowtail Parrotfish (initial phase). M, 1, So, Rf. *Sparisoma rubripinne*.



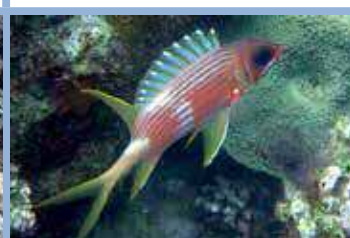
Queen Parrotfish (initial phase). M, 1, So, Rf. *Scarus vetula*.



Princess Parrotfish. M, 1, So, Rf. *Scarus taeniopterus*.



Yellowhead Wrasse. S-M, 1, So, Rf. *Halihoeres gamoti*.



Longfin Squirrelfish. S-M, 1, So, Rf. *Holocentrus rufus*.



Redlip Blenny. VS-S, 1, So, Rf. *Ophioblennius macclurei*.



Peacock Flounder. M, 1, So, Rf. *Bothus lunatus*.



Spotted Scorpionfish. S-M, 1, So, Rf. *Scorpaena plumieri*. 🐊



Sand Diver. M, 1 & 4, So, Rf/Sa. *Synodus intermedius*.



Trumpetfish. M-L, All, So, Rf. *Aulostomus maculatus*.



Honeycomb Cowfish. S-M, 1, So, Rf. *Acanthostracion polygonia*



Smooth Trunkfish. S, 1, So, Rf. *Lactophrys triqueter*.



Scrawled Filefish. M, 1, So, Rf. *Aluterus scriptus*.



Whitespotted Filefish. S-M, 1, So, Rf. *Cantherhines macrocerus*



Orangespotted Filefish. S-M, 1, So, Rf. *Cantherhines pullus*.



Glassy Sweeper. S, 1, Sh, Rf. *Pempheris schomburgki*.



Yellow Goatfish. S-M, 1&3, Sh, Sa & Rf. *Mulloidichthys martinicus*.



Spotted Drum. S, 1, So, Rf. *Equetus punctatus*.



Common Lionfish (Juv). M, 1&3, So, Rf. *Pterois miles*.



Spotted Moray. S-M, 1&3, Rf & Sg. *Gymnothorax moringa*.



Goldentail Moray. M-L, 1, Rf. *Gymnothorax miliaris*.



Chain Moray. S-M, 1, So, Rf. *Echidna catenata*.



Close up of **Chain Moray.**



Sharptail Eel. S-M, 1, So, Rf. *Myrichthys breviceps*.



Horse-Eye Jack. M, 1, Sh, Ow. *Caranx latus*.



Cero. M-L, 1, So, Ow. *Scomberomorus regalis*.



Great Barracuda. M-L, 1, So, Ow. *Sphyræna barracuda*.



Yellowtail Snapper. M, 1, So or Sh, Ow. *Ocyurus chrysurus*.



Keeltail Needlefish. S-M, Sh, Ow. *Platybelone argalus*.



Flat Needlefish. M-L, So & Sh, Ow. *Blennes hians*.



Caribbean Spiny Lobster. M, 1, So & Sh, Rf. *Panulirus argus*.



Channel Clinging Crab. M-L, 1, So, Rf. *Mithrax spinosissimus*.



Sally Lightfoot Crab. S, All, Intertidal rock. *Percnon gibessi*.



Amber Penshell. S-M, 1&3, Sa & Sg. *Pinna carnea*.



Common Octopus. S-M, 1&3, So, Rf & Sg. *Octopus vulgaris*.



Caribbean Reef Squid. S-M, All, Sh, Rf. *Sepioteuthis sepioidea*.



Long-Spined Urchins. M, 1, Rf. *Diadema antillarum*. 🐊



Slate Pencil Urchin. S, 4, Rf. *Eucidaris tribuloides*.



West Indian Sea Egg. S, 3, Sg. *Tripneustes ventricosus*.