



Coral Reef Ecosystem Organism	What It Eats	What Eats It
Bacteria	Detritus from all living things	Corals, sponges
Bigeye scad (Atule): <i>Selar crumenophthalmus</i>	Zooplankton (e.g. <i>Oikopleura longicauda</i>)	Bluefin trevally, humans
Bluefin trevally (Malauli-apamoana)	Small fish, bigeye scad	Humans
Bluespine unicornfish: <i>Naso unicornis</i>	Brown algae	Bluefin trevally
Bumphead parrotfish (Green humphead parrotfish): <i>Bolbometopon muricatum</i>	Algae, coral (polyps)	Humans
Crown of thorns starfish: <i>Acanthaster planci</i>	Lobe (Porites) coral	Titan triggerfish
Crustose coralline algae (CCA)	Sun's energy (photosynthesis)	Parrotfishes, surgeonfishes
Dark-capped parrotfish (laea): <i>Scarus oviceps</i>	Algae, coral (polyps)	Tiger shark, moray eel
Day octopus: <i>Octopus cyanea</i>	Samoan crab; fish, molluscs, shrimp	Tiger shark, spinner dolphin
Giant clam (faisua): <i>Tridacna gigas</i>	Filter feeders with symbiotic zooxanthellae algae	Humans
Giant mud crab / Samoan crab: <i>Scylla serrata</i>	Crustaceans, plants, detritus	Day octopus, humans
Great frigatebird: <i>Fregata minor</i>	Bigeye scad, squid, flying fish, sea turtle hatchlings, other seabird chicks	Humans, tiger shark
Green sea turtle (laumei ena`ena): <i>Chelonia mydas</i>	Algae, sea grasses	Tiger shark
Hawksbill sea turtle (laumei uga): <i>Eretmochelys imbricata</i>	Sponges, algae, corals (zooplankton when hatchlings)	Young turtles are eaten by octopus, crabs, great frigatebird
Honeycomb grouper (gatala-aloalo): <i>Epinephelus merra</i>	Graceful tailed moray, parrotfish, surgeonfish	Humans
Humpback whale: <i>Megaptera novaeangliae</i>	Zooplankton, small fish	Humans
Lobe coral / hump coral: <i>Porites lobata</i>	Carbohydrates produced by zooxanthellae, phytoplankton, zooplankton	Crown of thorns starfish, puffer fish

<i>Oikopleura longicauda</i> (type of zooplankton)	Phytoplankton	Bigeye scad, corals, humpback whale
Orangespine unicornfish (ume): <i>Naso lituratus</i>	Algae	Bluefin trevally, humans, moray eel
Phytoplankton	Sun's energy (photosynthesis)	Corals, giant clam, humpback whale, <i>Oikopleura longicauda</i> , sponges, zooplankton
Sabre squirrelfish (tamalau): <i>Sargocentron spiniferum</i>	Small crabs, fish, shrimp	Banded moray eel, spinner dolphin
Sea grape (type of algae): <i>Caulerpa racemosa</i>	Sun's energy (photosynthesis)	Unicornfish
Seagrass, such as <i>Halophila ovalis</i>	Sun's energy (photosynthesis)	Sea turtles
Slendertail moray / Graceful tailed moray: <i>Gymnothorax gracilicauda</i>	Small fish, crustaceans	Dwarf spotted grouper
Spinner dolphin: <i>Stenella longirostris</i>	Fish, crustaceans	Tiger shark and other sharks
Sponges (many species)	Phytoplankton, zooplankton, detritus	Hawksbill sea turtle
Striped surgeonfish / blue-banded surgeonfish (alogo): <i>Acanthurus lineatus</i>	Algae	Dwarf spotted grouper, spinner dolphin
Staghorn coral: <i>Acropora muricata</i>	Carbohydrates produced by zooxanthellae, phytoplankton, zooplankton	Bumphead parrotfish, crown of thorns starfish
Table coral: <i>Acropora hyacinthus</i>	Carbohydrates produced by zooxanthellae, phytoplankton, zooplankton	Crown of thorns starfish
Tiger shark: <i>Galeocerdo cuvier</i>	Any fish, green sea turtle, great frigatebird,	Humans
Titan triggerfish: <i>Balistoides viridescens</i>	Crown of thorns starfish	Tiger shark
White-spotted surgeonfish (maogo):	Algae	Moray eels
Yellowstripe goatfish (i'asina): <i>Mulloidichthys flavolineatus</i>	Shrimp, mollusks, worms	Humans, moray eels
Zooplankton (multiple species)	Phytoplankton	Bigeye scad, corals, sponges, humpback whale
Zooxanthellae: <i>Symbiodinium</i>	Sun's energy (photosynthesis)	Consumed when coral polyps eaten by parrotfish, etc.