Exploring a Hawai’i Coral Reef Video

Vocabulary List

*Source:* NOAA Coral Reef Information System (CORIS) Glossary of Terminology

**Ecosystem**- an ecological community considered together with the nonliving factors of its environment as a unit.

**Habitat**- the place or environment where a particular organism, population, or species lives.

**Endemic**- a species whose distribution is restricted to a particular area.

**Detritus**- the particulate decomposition or disintegration products of plankton, including dead cells, cell fragments, fecal pellets, shells, and skeletons, and sometimes mineral particles in coastal waters.

**Bioerosion**- erosion of the physical/geological environment by organism activities such as boring, scraping, etching, etc..

**Scavenger**- an animal that feeds on dead or decaying organic matter.

**Coral Polyp**- an individual of a solitary cnidarian or one member of a cnidarian colony.

**Calyx (plural Calyces)**- the upper or open end of the corallite or coral polyp cup.

**Corallivore**- an organism that eats coral.

**Symbiotic**- the interaction between two different organisms living in close physical association.

**Endosymbiotic**- being symbiotic and living within the body of an individual of the associated species.

**Zooxanthellae**- a group of dinoflagellates living endosymbiotically in association with one of a variety of invertebrate groups (e.g., corals). In corals, they provide carbohydrates through photosynthesis, which are used as one source of energy for the coral polyps. They also provide coloration for the corals.

**Coral Bleaching**- the process in which a coral polyp, under environmental stress, expels its symbiotic zooxanthellae from its body. The affected coral colony appears whitened.
Exploring a Hawai‘i Coral Reef Video

List of Marine Species

All images come from the associated video and occur in order of appearance.

Mā‘i‘i‘i
Brown Surgeonfish
_Acanthurus nigrofuscus_

Limu
General term for Marine Algae
(There are 100s of different species in Hawai‘i)

Hawaiian Name Unknown
Hawaiian White Spotted Toby
_Canthigaster jactator_
Lauhau  
Fourspot Butterflyfish  
*Chaetodon quadrimaculatus*

ʻĀlo'ilo'i  
Hawaiian Dascyllus  
*Dascyllus albisella*

Loli  
General term for Sea Cucumber  
*Holothuria sp.*
ʻIna kea
Rock-Boring Urchin
*Echinometra mathaei*

Wana
Blue-Black Urchin
*Echinothrix diadema*

Wana
Banded Urchin
*Echinothrix calamaris*
Hāwaʻe maoli  
Collector Urchin  
*Tripneustes gratilla*

Pūnohu  
*(more common on Hawaiʻi Island)*  
Hāʻukeʻuke ʻulaʻula  
*(more common on other islands of Hawaiʻi)*

Red Pencil Urchin  
*Heterocentrotus mamillatus*
Unauna
General term for Hermit Crab
*Calcinus sp.*

Kio
Christmas Tree Worm
*Spirobranchus giganteus*

Hawaiian Name Unknown
Petroglyph Shrimp
*Alpheus deuteropus*

(Pictured: shrimp burrows)
Hawaiian Name Unknown
Imperial Nudibranch
*Hypselodoris imperialis*

Ulae
General term for Lizardfish
*Saurida sp.*

Puhi (general term)
Pictured: Zebra Moray Eel
*Gymnomuraena zebra*
Pākuʻikuʻi
Achilles Tang
Acanthurus achilles

Māikoiko
Whitebar Surgeonfish
Acanthurus leucopareius

ʻUhu
General term for Parrotfish
Chlorurus sp.
Ōmilu
Bluefin Trevally
*Caranx melampygus*

Honu
Green Sea Turtle
*Chelonia mydas*

Pōhaku puna
*(generally refers to larger corals)*

Pictured:
Mound Coral or Evermann’s Coral
*Porites evermannii*
Hawaiian name unknown
Rice Coral
*Montipora capitata*

(Note: Rice coral is partially bleached)

ʻĀkoʻakoʻa
(a general term for coral)

Pictured: Cauliflower Coral
*Pocillopora meandrina*

(Note: coral shows areas of live coral, bleached coral, and algae-covered dead coral)