

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.



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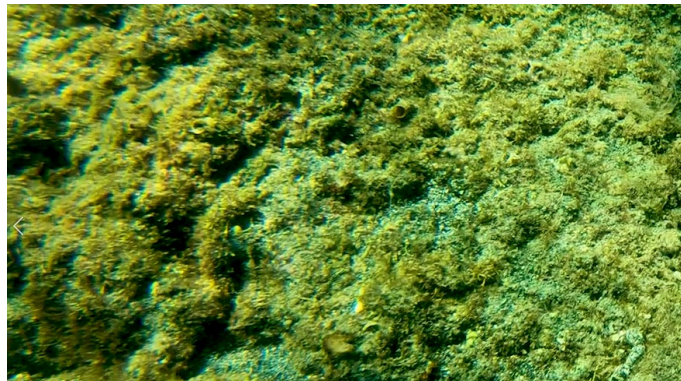
List of Marine Species

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

Mā'i'i
Brown Surgeonfish
Acanthurus nigrofuscus



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



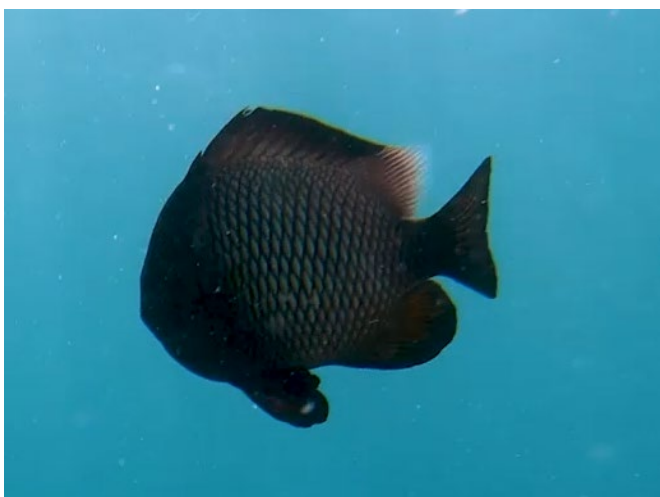
Hawaiian Name Unknown
Hawaiian White Spotted Toby
Canthigaster jactator



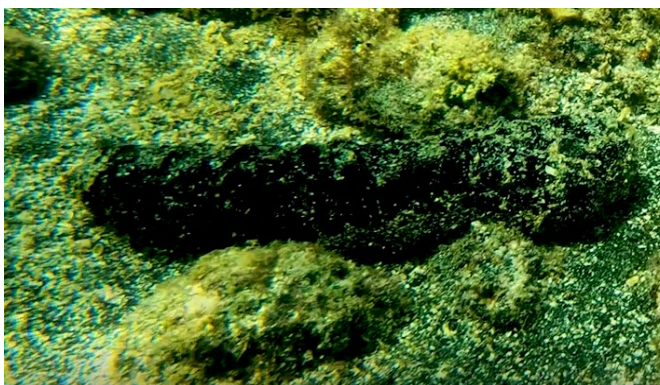
Lauhau
Fourspot Butterflyfish
Chaetodon quadrimaculatus



'Ālo'ilo'i
Hawaiian Dascyllus
Dascyllus albisella



Loli
General term for Sea Cucumber
Holothuria sp.



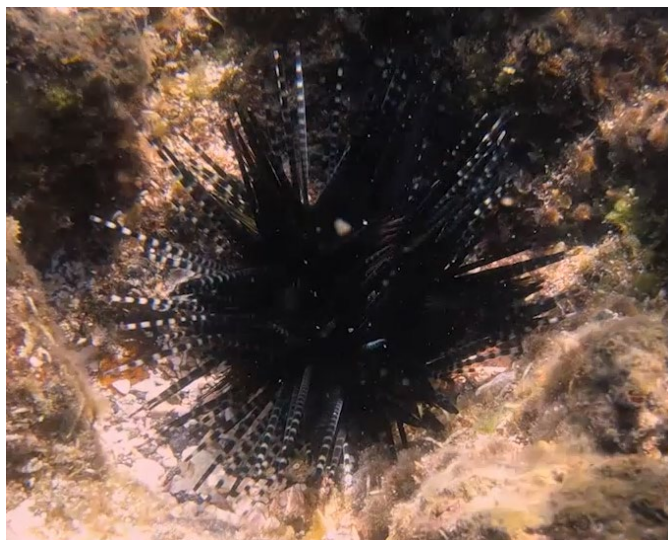
'Ina kea
Rock-Boring Urchin
Echinometra mathaei



Wana
Blue-Black Urchin
Echinothrix diadema



Wana
Banded Urchin
Echinothrix calamaris

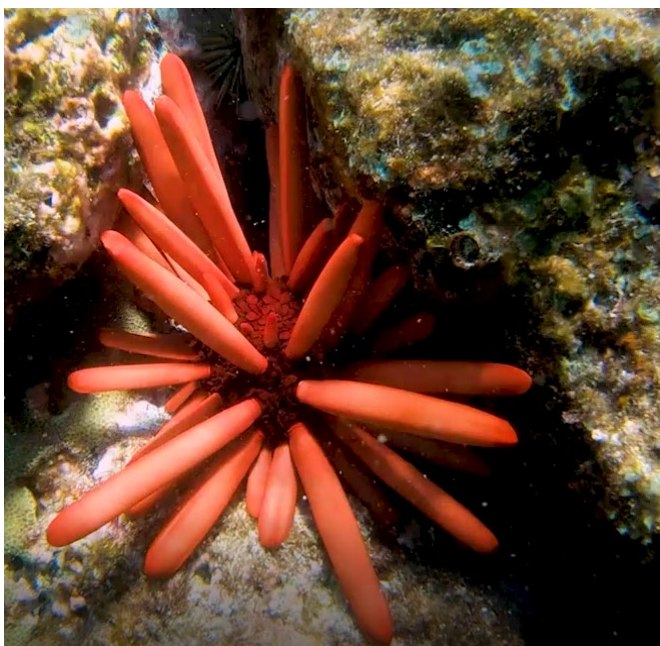


Hāwa'e maoli
Collector Urchin
Tripneustes gratilla



Pūnohu
(more common on Hawai'i Island)
Hā'uke'uke 'ula'ula
(more common on other islands of Hawai'i)

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

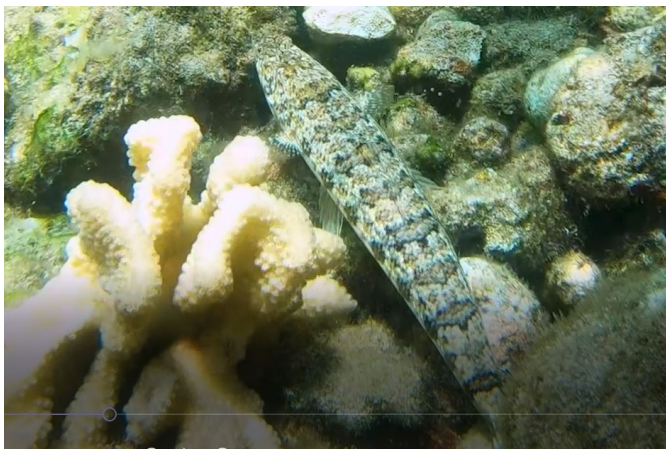
(Pictured: shrimp burrows)



Hawaiian Name Unknown
Imperial Nudibranch
Hypselodoris imperialis



Ulae
General term for Lizardfish
Saurida sp.



Puhi (general term)
Pictured: Zebra Moray Eel
Gymnomuraena zebra



Pāku'iku'i
Achilles Tang
Acanthurus achilles



Māikoiko
Whitebar Surgeonfish
Acanthurus leucopareius



'Uhu
General term for Parrotfish
Chlorurus sp.



Ōmilu
Bluefin Trevally
Caranx melampygus



Honu
Green Sea Turtle
Chelonia mydas



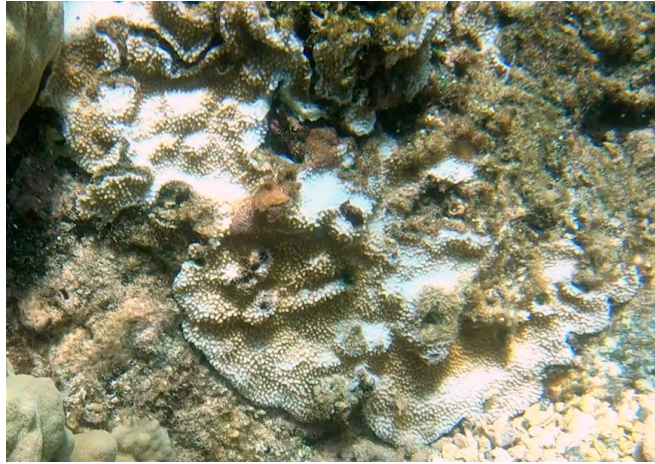
Pōhaku puna
(generally refers to larger corals)

Pictured:
Mound Coral or Evermann's Coral
Porites evermanni



Hawaiian name unknown
Rice Coral
Montipora capitata

(Note: Rice coral is partially bleached)



‘Āko‘ako‘a
(a general term for coral)

Pictured: Cauliflower Coral
Pocillopora meandrina

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



bleached
dead coral

