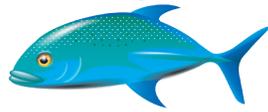


Teacher Answer Key



Vertebrates of the Coral Reef City

On this chart you will find a list of common reef vertebrates, as well as what they eat, when they eat, where they eat and their Hawaiian names. In the final column students will decide the type of consumer by putting:

Herbivore (H)

Carnivore (C)

Omnivore (O)

Detritivore (D)

Top Predator (TP)

(Student answers are in the last two columns.)

Note: There is only one phylum for vertebrate (chordata), therefore, the 1st column will be titled, "Example".

Example of a Vertebrate	Hawaiian name	What they eat	When they eat	Where they eat	Type of Consumer	Interesting Facts
Chubs	<i>Nenue</i>	algae	day	reef	H	
Angelfish	<i>none</i>	algae	day	reef	H	
Blennies	<i>Pao'ō</i>	algae, parasites, scales	day	reef	O	
Boxfish	<i>Moa</i>	algae, sponges, worms	day	reef	O	
Butterflyfish	<i>Kikakapu</i>	algae, coral, zoo- plankton, worms	day	reef	O	
Cardinalfish	<i>upapalu</i>	zooplankton, crustaceans, fish	night	reef	C	
Parrotfish	<i>Uhu</i>	algae and coral	day	reef	O	
Eels	<i>Puhi</i>	fish, shrimp, crabs	night	reef	C	
Garden eels	<i>none</i>	zooplankton, particles	day	bottom sand	C,D	
Big Eyes	<i>Aweoweo</i>	zooplankton	night	reef	C	
Damselfishes	<i>Mamo</i>	zooplankton & algae	day	reef	O	
Filefish	<i>O'ili</i>	fish & algae	day	reef	O	

Example of a Vertebrate	Hawaiian name	What they eat	When they eat	Where they eat	Type of Consumer	Interesting Facts
Sea Horses	<i>none</i>	crustaceans	day	reef	O	
Wrasses	<i>Hinalea</i>	fish, zooplankton, invertebrates	day	reef	C	
Flatfishes	<i>Paki'i</i>	fish & crustaceans	day	bottom sand	C	
Frogfishes	<i>none</i>	shrimp, fish	day	reef	C	
Goatfishes	<i>Kumu, munu</i>	worms, mollusks	day	bottom sand	C	
Gobies	<i>O'opu</i>	algae, invertebrates, detritus	day	bottom reef	O,D	
Squirrelfish	<i>Ala'ihī</i>	zooplankton, crabs, shrimp	night	reef	C	
Surgeonfish	<i>Pualo, Palani, etc.</i>	algae	day	reef	H	
Triggerfish	<i>humuhumu</i>	coral, crustaceans, echinoderms	day	reef	C	
Lizardfish	<i>Ulae</i>	fish, invertebrates	day	bottom reef	C	
Needlefish	<i>Aha</i>	fish	day	reef surface	C	
Giant Groupers	<i>Hapu'u</i>	lobsters, stingrays, sea turtles, fish	day	deep reef, open ocean	C	
Hawkfish	<i>Pili-ko'a</i>	fish, crustaceans	day	reef	C	
Jacks	<i>Ulua</i>	fish	early & late day	deep reef, open ocean	C	
Pufferfish	<i>O'opu-hue</i>	fish	day	reef	C	
Sting Rays	<i>Lupe, hihimanu</i>	fish, crabs	day	bottom sand	C	
Sharks	<i>Mano</i>	fish, turtles	late day, night	deep reef, open ocean	C	
Trumpetfish	<i>Nunu</i>	fish	day	reef	C	

Example of a Vertebrate	Hawaiian name	What they eat	When they eat	Where they eat	Type of Consumer	Interesting Facts
Scorpionfish	<i>nobu</i>	fish, invertebrates	day	reef	C	
Snappers	<i>Tā'ape, uku ulaula</i>	fish	night	reef	C	
Barracuda	<i>Kaku</i>	fish	day	deep reef, open ocean	C	
Manta Rays	<i>Hahalua</i>	zooplankton	night	“ “	C	

