

Lesson 112: Ocean Life **ANSWERS**

Biology with Lab

	Decomposer, Producer, or Consumer?	Eaten by...	Feeds on...	Other information
Zooplankton	Consumer	whales, shellfish, fish, birds	phytoplankton	bottom of the ocean food chain
Seaweed	Producer	crustaceans, birds, manatees	uses sunlight for photosynthesis	commonly eaten by people in Asian countries
Red cod	Consumer	sharks	crab, shrimp, small fish	found around Southern Australia and New Zealand
Sea stars	Consumer	sharks, manta ray, sea turtles, red king crab	coral, sponges, clams, oysters, sand dollars, mussels	also called starfish, but they are not fish
Phytoplankton	Producer	zooplankton, small fish, crustaceans	uses sunlight for photosynthesis	produce more than ½ the oxygen on Earth
Dolphins	Consumer	great white shark, orcas	fish, squid, shrimp, jellyfish, octopuses	very intelligent and friendly toward others
Crabs	Decomposer	sea turtles, humans	worms, shrimp, snails, dead remains	known as scavengers because they eat remains
Cockles	Consumer	starfish, birds, crabs	phytoplankton	popular food for humans all around the world
Arrow squid	Consumer	penguin, diving birds, large fish	crustaceans, fish, squid	important for commercial fisheries in New Zealand
Bryozoans	Consumer	fish, insects, snails	plankton, bacteria	small invertebrates
Sea birds	Consumer	seals, other sea birds	krill, fish	seamen consider their presence a positive sign
Bacteria	Decomposer	nanoflagellates, fan worms, shellfish	bacterioplankton, phytoplankton, zooplankton	marine microbes account for >98% of ocean biomass
The sun	Although most marine producers use the sun for photosynthesis, some use chemosynthesis to metabolize chemicals released from hydrothermal vents.			