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| **Sun**  I am the sun. ***Everything* on earth depends on me.** And in my hands I hold the web of life. | **Water**  I am water. **All *living things*** need me to survive. Saltwater from ocean tides and fresh water from the rain collect in small pools among the rocks. |
| **Air**  I am air. I am made up of oxygen and nitrogen. I am very important to ***all living things***. Fish, which do not breathe air directly, get oxygen from the water. It is important to keep me clean because pollution in the air is harmful to all creatures. | **Rocky Substrate**  I am rock. I take the place of soil in the rocky intertidal habitat. Seaweed anchors its holdfast to me. Mussels, limpets, barnacles, sea stars, and sea urchins cling to my surface as waves crash to shore and the tides come in and go out. |
| **Zooplankton**  I am ***zooplankton***. I like to eat ***detritus***, ***phytoplankton***, and other ***zooplankton***.  I am eaten by a lot of different animals, including ***small fish***, **aquatic worms**, ***shrimp***, ***clams***, and ***barnacles*** as I swim through the water. | **Phytoplankton** I am ***phytoplankton***. I use ***sunlight*** to make my own food.  Many different organisms like to eat me, including ***small fish, aquatic worms, zooplankton, shrimp, clams, and barnacles*** as I float in the water. |
| **Detritus**  I am ***detritus***-dead plant material. When I was a live plant, I used ***sunlight*** to produce my own food. When I died, I decomposed into a material that feeds lots of other animals.  ***Zooplankton, phytoplankton, shrimp, aquatic worms, clams, and barnacles*** eat me. | **Algae/Seaweed**  I am algae. I am sometimes as small as single cell **algae** and sometime as large as a giant kelp ***seaweed***. I use sunshine to make food for myself.   Many different animals eat me. As seaweed, I also provide places for fish and other wildlife to hide. When I die, I become ***detritus*** and am eaten by many other organisms in this form. |

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| **Periwinkle Snail** I am a ***snail***. I feed on ***algae and barnacle larvae.***  ***Sea stars*** and ***whelks*** (carnivorous snails) feed on me. | **Chiton**  I am a ***chiton***. I feed on ***algae and seaweeds****.*  Many animals eat me, including ***humans, sea stars, and gulls***. |
| **Limpet** I am a ***limpet***. I cling to ***rocks*** with my single foot that’s like a suction cup and move around, scraping off ***algae***.  I get eaten by ***sea stars*** and by ***people***. | **Clam** I am a ***clam***. I feed on ***algae and detritus*** that I filter out of the water.  Many animals eat me, including ***humans, sea stars, and seaducks***. |
| **Sea Urchin** I am a ***sea urchin***. I cling to the ***rocks*** as the surf rolls in and out of the tidepool or beach. I eat ***seaweed*** that grows on rocks or is brought in with the tide. ***Gulls and sea stars*** like to eat me. | **Sea Star** I am a ***sea star***. I cling to ***rocks*** as waves and tide rolls in and as I dry out when the tide is out. I eat anything I can get my strong arms around, mostly ***clams, limpets, chitons, barnacles***, and ***sea urchins***.  ***Gulls*** like to eat me if they can tear me loose from the rocks. |
| **Beach Hopper/Amphipod** I am a beach hopper also called an ***amphipod***. I live in a burrow and come out at night to feed on ***detritus*** and ***seaweed*** washed up on the beach.  I get eaten by shorebirds and ***tidepool sculpins***. | **Sea Duck (scoters and eiders)** I am a ***sea duck***. I eat ***clams*** and ***small snails***.  ***People*** eat me. |

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| **Tidepool Sculpin**  I am a ***tidepool sculpin***. I eat ***amphipods***, ***worms, periwinkle snails***, and the feet of ***barnacles*** when they are feeding.  I’m well camouflaged in a tide pool and can remain very still, but large birds like the great blue heron and large fish sometimes eat me. | **Barnacle** I am a ***barnacle***. I filter ***zooplankton, phytoplankton***, and ***detritus*** from the water for food.  ***Sea stars*** eat me. |
| **Aquatic Worm** I am an ***aquatic worm***. I eat mostly ***detritus, phytoplankton,*** and ***zooplankton***.  Lots of animals eat me, including ***gulls***. | **Hermit Crab** I am a ***hermit crab***.I feed *on* ***algae and zooplankton*,** and scavenge ***detritus*** and dead animals.  ***Sea stars*** and ***gulls*** eat me. |
| **Whelk**  I am a ***whelk***, a type of marine snail. I feed on ***aquatic worms*** and smaller snails like ***periwinkles***. I also eat ***clams*** and other mollusks after drilling through their shells.  I have a strong shell but ***gulls,*** large crabs, and ***people*** eat me. ***Sea ducks*** swallow me whole. | **Bacteria**  I am **bacteria**. I colonize **detritus** and consume dead organic matter, then break it down into the minerals needed by producers like **phytoplankton, sedges,** and **goose-tongue** to make their own food.  The ***animals that eat detritus*** also eat me. |
| **Human Being**  I am a ***human being***. I’m at the top of the food web. I harvest and eat ***seaweed, whelks, sea urchins, clams, chitons,*** and ***sea ducks***. |  |