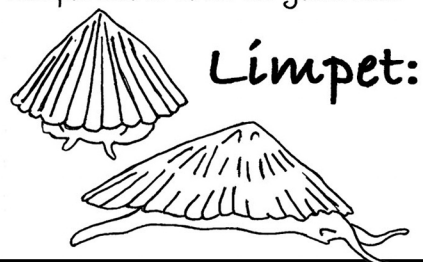


The supertidal Zone is the part of the coastline under water during the highest tides, subjected to crashing waves. This environment experiences drastic changes in moisture and temperature. Relatives here have special adaptations.

Limpet live to be 10-20 years old!



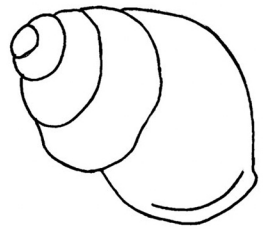
Limpet:

(Ask an Elder)
Scooped out of its shell:
To gather Limpet:

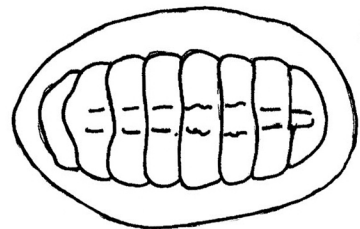
Common Plant Relatives here are lichen, fungi and microscopic algae. Animals of the super-tidal zone are drawn to this food resource, and the moisture retained by these plants.

Periwinkle live to be 5 years old!

Periwinkle (Marine snail)



Chiton:



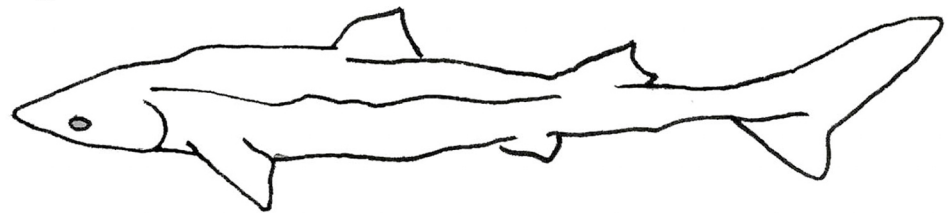
Named after ancient Greek and Roman armor that fastens at the shoulder- there are over a thousand different species. They are different colors, and come in all shapes and sizes.

The largest chiton species can live to be more than 20 years old!

Some of the most beneficial adaptations for "the Supertidal" or "Spray Zone": trapping water in their mantle cavity, or hiding in cracks of rocks, shells, and lowering metabolic rates during dry spells.

Mud Shark/ Mudsharks can live to be 100 years old!

Dogfish:



Which Relatives Are Benthic?

Jellyfish



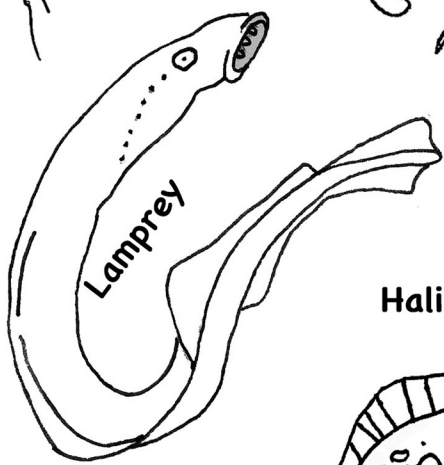
Depending on Species, Jellyfish can live for 13 months to 20 years!



Shrimp live to be 6-7 years old!

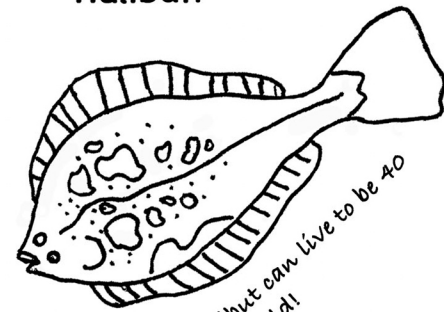
Shrimp:

Lamprey can live up to 8 years!



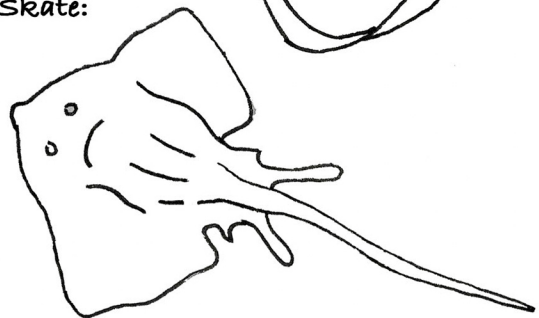
Lamprey

Halibut:



Halibut can live to be 40 years old!

Skate:



Seaskates live to be about 50 years old!