

- Sponges are one of the most simplest multicellular organism
- Tabulate and Rugose corals dominated in the Paleozoic, while Hexacorals did not exist in the Paleozoic
- Bryozoans look like corals but are completely different organisms

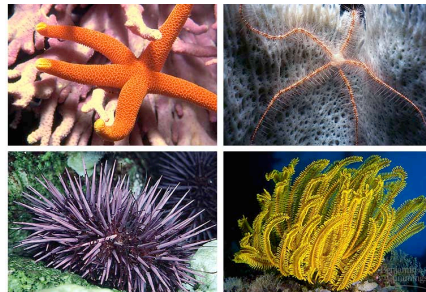
Some more organisms...

- Brachiopoda (brachiopods)



<http://www.eeob.iastate.edu/faculty/DrewesC/htdocs/brachiopods-4sm.jpg>

- Mollusca (Mollusks-octopuses, etc.)
- Echinodermata (Echinoderms)



<http://kentsimmons.uwinnipeg.ca/16cm05/1116/33-37-EchinodermsCollage.jpg>

- Arthropoda (insects, trilobites, crustaceans, etc.)
- Chordata (the ancestors of vertebrates)