



BIVALVES



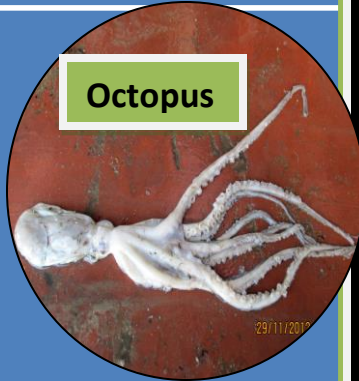
GASTROPODS



Sea slug



Pearl Oyster



Octopus



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MOLLUSCA

- Bilaterally symmetrical, triploblastic (3 layers) animal with reduced coelom (true body cavity)
- Soft, fleshy, unsegmented body usually with shell
- Shell may be external, bivalve (as in Oysters), coiled (as in snails), internal (as in Squids) or absent (in Octopus, slug etc.)
- Ventral flat foot
- A soft, spongy layer of skin-mantle covers the soft parts (visceral hump)
- Examples:
 - Snails (Gastropods)
 - oysters and mussels (Bivalves)
 - slugs (octopus, squids, cuttle fish - (Cephalopods) etc.



CLAM



CONCH

Sepia (Cuttle fish)



Cuttle bone/internal shell

Picture sources: Sea slug https://commons.wikimedia.org/wiki/File:Spanish_Shawl_nudibranch,_Channel_Islands,_California.jpg; - <https://creativecommons.org/licenses/by/4.0/> COMMON SNAIL https://en.wikipedia.org/wiki/File:Loligo_vulgaris.jpg; cuttle bone <https://commons.wikimedia.org/wiki/File:Cuttlefish-Cuttlebone2.jpgs>; BIVALVES https://commons.wikimedia.org/wiki/File:The_baltic_sea_molluscs.png

Other picture contributed by Dr. Sabyasachi Majumdar