

Review for Marine Science Test on Marine Animals (Ch 15)

Review all phyla covered in the animal kingdom:

Porifera

Cnidaria

Mollusca (and classes gastropoda, bivalvia, and cephalopoda)

Arthropoda (and superclass crustacea including krill, copepods, decapods)

Echinodermata (and classes asteroidea, ophiuroidea, echinoidea)

Chordata including the invertebrate subphyla urochordata and cephalochordata...

Subphylum vertebrata

Classes:

Agnatha (hagfish and lampreys)

Chondrichthyes (sharks and rays – characteristics, anatomy, reproduction)

Osteichthyes (bony fishes – characteristics, anatomy, reproduction); examples of order clupeiformes; characteristics of pelagic and demersal fish

Reptilia – characteristics, reproduction, examples

Aves – examples of marine birds

Mammalia – characteristics, reproduction, examples...

Orders of mammalia including cetacean, carnivora (suborder pinnipedia) and order sirenia

Review the examples of organisms that live in each of these phyla and classes and the characteristics found in these animals.