

Phylum Mollusca

Phylum: Mollusca

- Very successful phylum
- Name = soft-bodied
- Many have external CaCO_3 shell
- Cephalization: development of head region
- Several specialized organs
 - Mantle
 - Foot
 - Radula ← Feature of the gastropods
- Seven classes (we talk about three)

Kingdom: Animalia

Phylum: Porifera

Phylum: Cnidaria

Class: Hydrozoa

Class: Scyphozoa

Class: Anthozoa

Phylum: Ctenophora

Phylum: Platyhelminthes

Phylum: Nemertea

Phylum: Gastrotricha

Phylum: Kinorhyncha

Phylum: Priapulida

Phylum: Nematoda

Phylum: Entoprocta

Phylum: Ectoprocta

Phylum: Cycliophora

Phylum: Phoronida

Phylum: Brachiopoda

Phylum: Mollusca

Class: Aplousobranchia

Class: Monoplacophora

Class: Polyplacophora

→ Class: Gastropoda

Class: Scaphopoda

Class: Bivalvia

Class: Cephalopoda

Phylum: Sipunculida

Phylum: Echiuroidea

Phylum: Pogonophora

Phylum: Hemichordata

Phylum: Chaetognatha

Phylum: Annelida

Phylum: Arthropoda

Subphylum: Chelicerata

Class: Merostomata

Class: Pycnogonida

Subphylum: Crustacea

Class: Branchiopoda

Class: Ostracoda

Class: Copepoda

Class: Cirripedia

Class: Malacostraca

Phylum: Echinodermata

Class: Asterozoa

Class: Ophiurozoa

Class: Echinozoa

Class: Crinozoa

Class: Holothurozoa

Phylum: Chordata

Subphylum: Urochordata

Subphylum: Cephalochordata