

Phylum – Porifera

- Sponges
- mostly asymmetrical
- cellular level of organisation
- Digestion is intracellular
- Hermaphrodite->reproduce asexually
- Examples: Sycon (Scypha), Spongilla (Fresh water sponge) and Euspongia (Bath sponge).

Phylum – Coelenterata (Cnidaria)

- Aquatic
- radially symmetrical
- tissue level of organisation
- diploblastic
- Examples: Physalia (Portuguese man-of-war), Adamsia (Sea anemone), Pennatula (Sea-pen), Gorgonia (Sea-fan) and Meandrina (Brain coral).

Phylum – Ctenophora

- sea walnuts/ comb jellies
- exclusively marine
- radially symmetrical
- diploblastic organisms
- tissue level of organisation
- Digestion is both extracellular and intracellular
- Bioluminescence
- reproduce sexually
- Examples: Pleurobrachia and Ctenoplana

Phylum – Platyhelminthes

- dorso-ventrally flattened body->flatworms
- bilaterally symmetrical
- triploblastic
- acoelomate animals
- organ level of organisation
- Examples: Taenia (Tapeworm), Fasciola (Liver fluke).

Phylum – Aschelminthes

- bilaterally symmetrical& circular in cross-section
- triploblastic
- organ level of organisation
- pseudocoelomate
- dioecious
- Examples : Ascaris (Roundworm), Wuchereria (Filaria worm), Ancylostoma (Hookworm).