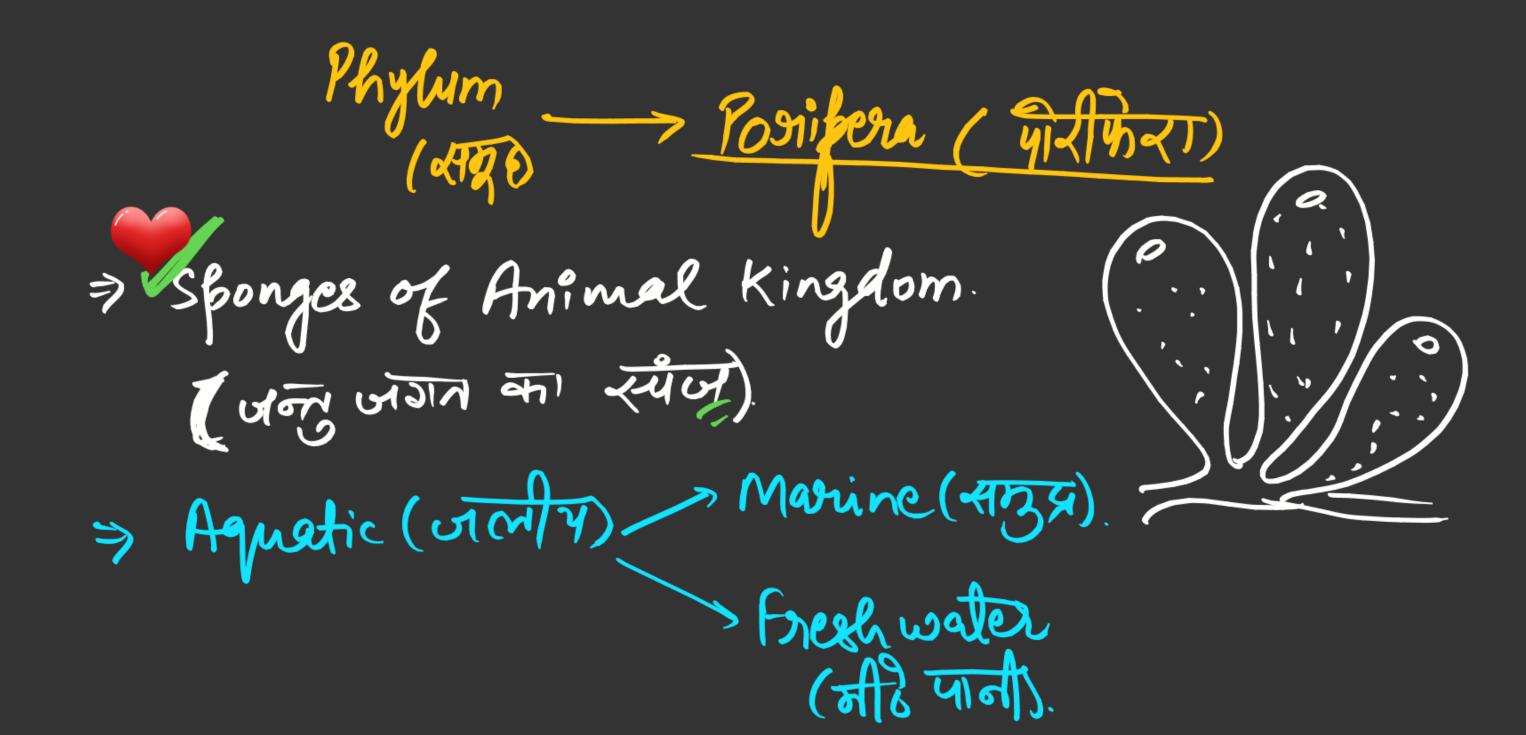
Mon-chordates
Invertebrates

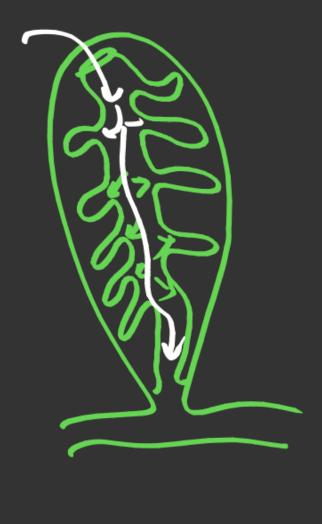
(3101)



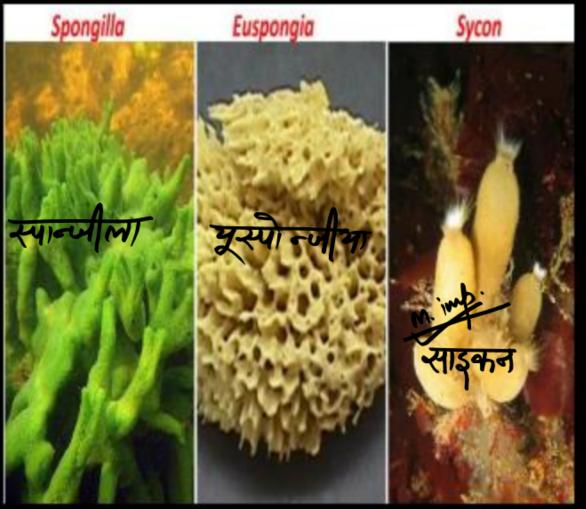


- 7 Asymmeterical (318)
- Hermaphradite (39121-47). OR Bisexual (Balmisil).

Sold By







Phylum – Porifera

- Members of this phylum are commonly known as sponges.
- ii. Sponges have a water transport or canal system.
- iii. Sexes are not separate (hermaphrodite).
- iv. Examples of Porifera:
- (a) Sycon (b) Euspongia (c) Spongilla.



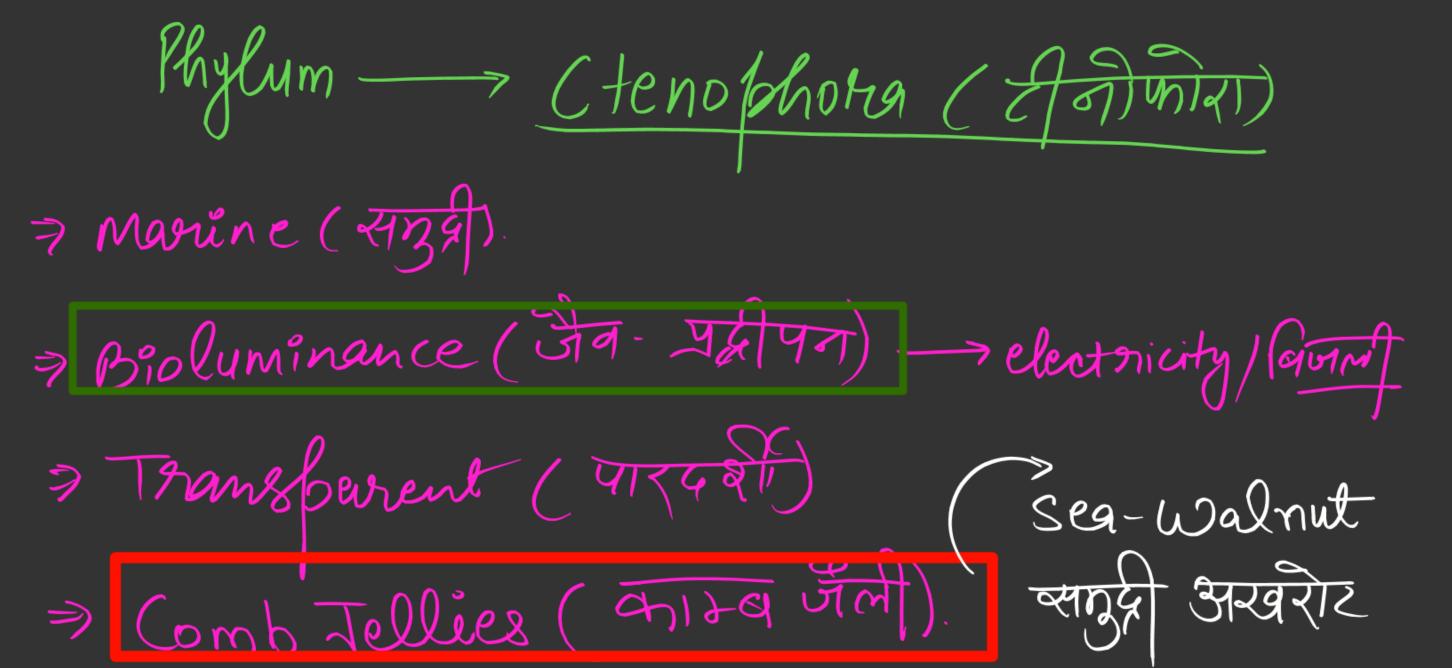


Phylum – Coelenterata (Cnidaria)

- 1. They are aquatic, mostly marine, sessile or free-swimming, radially symmetrical animals.
- 2. Cnidarians exhibit two basic body forms called polyp and medusa.
- 3. Examples: Hydra, Sea anemone, corals and Aurelia or jelly fish.

Phylum Cnideria (ARE 1813/241) of Coelentrata (Rim FZT) > Mostly marine (31/eum10211/8 2439) Radial Symmetry (2184M)

Polys/ Medusa (41604 415).

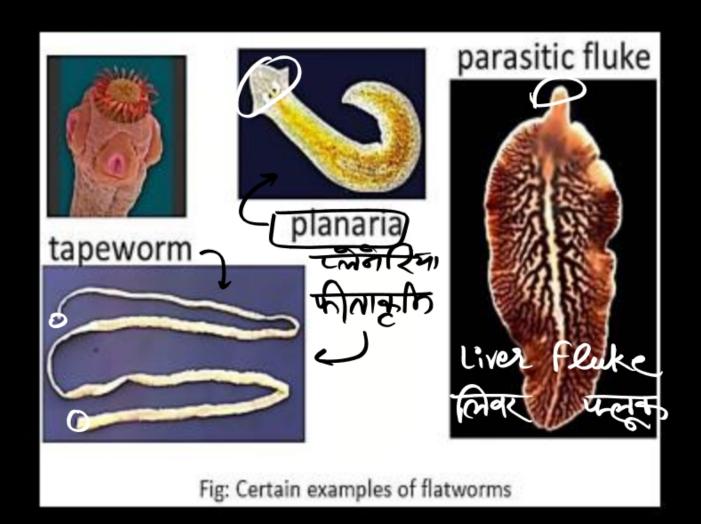


Phylum – Ctenophora



- 1.Ctenophores, commonly known as sea walnuts or comb jellies.
- 2.Bioluminescence (the property of a living organism to emit light) is well-marked in ctenophores.
- 3. Examples: Pleurobrachia and Ctenoplana.





Phylum – Platyhelminthes

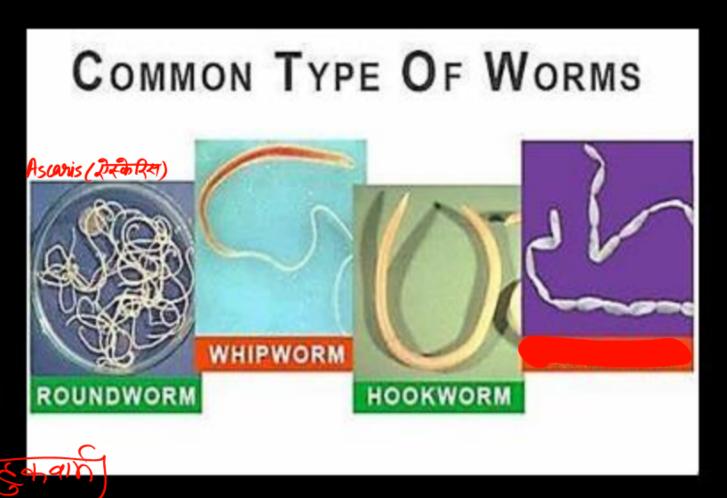
- 1. They have dorso-ventrally flattened body, hence are called flatworms.
- 2.These are mostly endoparasites found in animals including human beings.
- 3.Hooks and suckers are present in the parasitic forms.
- 4.Examples: Taenia (Tapeworm), Fasciola (Liver fluke).

Phylum > Pletyhelminthes (The Evologist)

(Flat worm > Flat worm func of the forms of the forms of the forms of the property o

Ascalminthes (22 Lan modout 14) Round WORM (Silonianiz as 187) Jendobarasites. Male (oTZ) female (81191) अन्तः पर्जीवीः





Phylum – Aschelminthes

- 1. Also known as roundworms.
- 2. Often females are longer than males.
- 3.Examples : Ascaris (Round Worm), Wuchereria (Filaria worm), Ancylostoma (Hookworm).



- 1.Metamerically segmented body.
- 2.Aquatic annelids like Nereis possess lateral appendages, parapodia, which help in swimming.
- 3.A closed circulatory system is present.
- 4. Nephridia help in osmoregulation and excretion.
- 5.Neural system consists of paired ganglia connected by lateral nerves to a double ventral nerve cord.
- 6.Note: Nereis, an aquatic form, is dioecious, but earthworms and leeches are monoecious.
- 7.Examples: Nereis, Pheretima (Earthworm) and Hirudinaria (Blood sucking leech).





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