

Aquatic invertebrate

LAB (7)

Phylum : Tardigrade

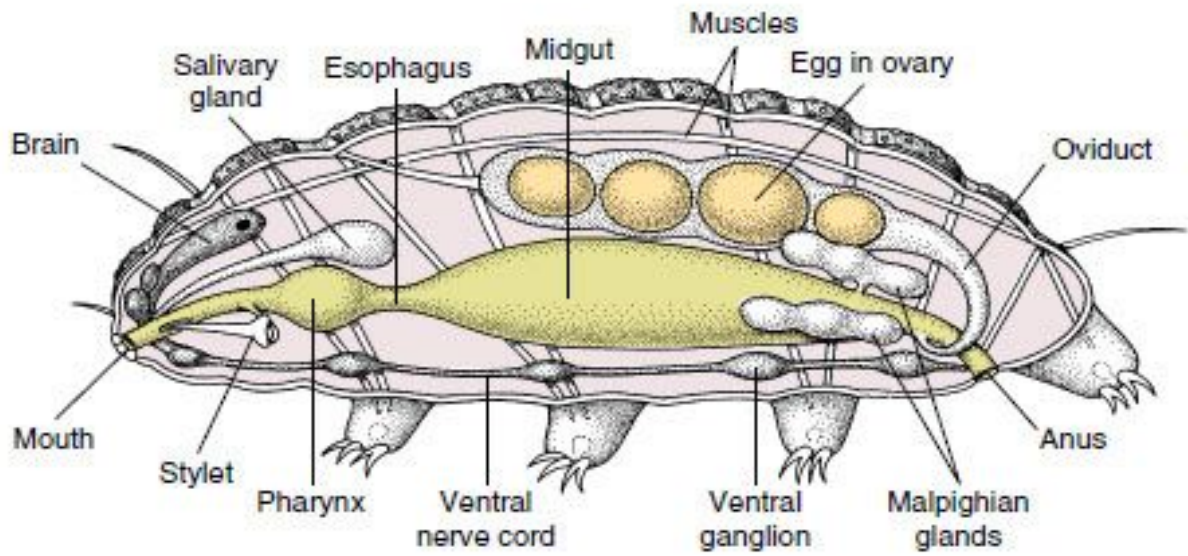
1-Class : Eutardigrada

2-Class : Heterotardigrada

3-Class : Mesotardigrada

General Charectors

- Slow walking animals commenly called (water bears)
- Barrel and unsegmented body range from (0.5 -1) mm in length
- Trunk bears four pairs of short unjointed legs with four to eight claws
- Body covered by cuticle
- Tubular sucking mouth armed with sharp stylets
- No circulatory or respiratory systems, gas exchange occurring through the body surface
- Nervous system with brain and double ventral nerve cord



Phylum : Ectoprocta (Bryozoa)

1-Class : Gymnolaemata (marine bryozoa)

2-Class : Phylactolaemata (fresh water bryozoa)

General Charectors :

- Commonly called moss animals**
- Sessile colonies have individuals branching called zooids**
- Gut is u shapped with mouth inside the crown of tentacles (lophophore) and the anus outside it**
- Body enclosed by calcareous or chitinous box**
- Zooids are hermaphrodites**
- Have avicularia a beak like structure for protective function**

