**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

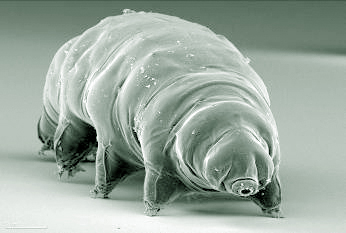
- Trunk bears four pairs of short unjointed legs with four to eight claws

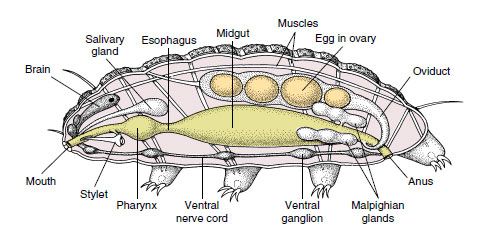
- Body covered by cuticle

-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

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**Phylum : Ectoprocta ( Bryozoa )**

**1-Class : Gymnolaemata (marine bryozoa)**

**2-Class : Phylactolaemata (fresh water bryozoa)**

**General Charectors :**

**- Commonly called moss animals**

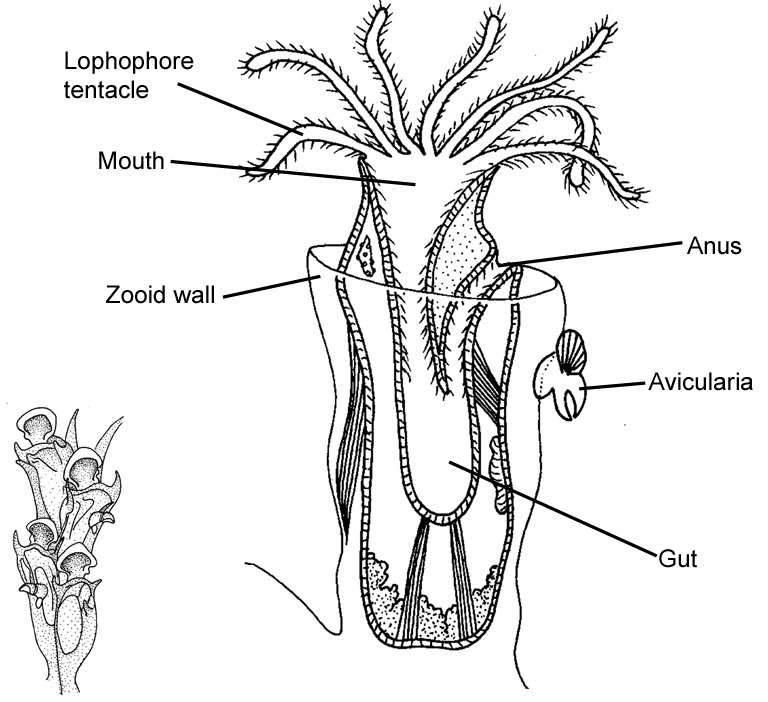
**-Sessile colonies have individuals branching called zooids**

**-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**

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