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Deptt of zoology

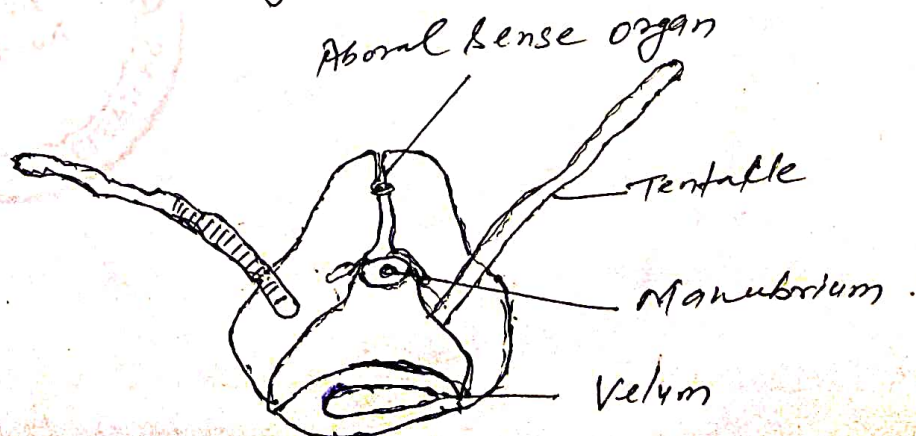
J. H. College, Madhusani

4.4.21 DI Zoology (H)

special features of ctenophora (comb jellies)

1. Oppositely placed tentacles in sheaths.
2. Presence of aboral sense organ.
3. Absence of Nematocytes and presence of Lasso cells.
4. Trophoblastic because of the presence of well-developed ectomesoderm.
5. Absence of epitheliomuscular cells.
6. Eight locomotor meridional ciliated bands or comb rows.
7. Digestive system with aboral anal pores.
8. Development involves gastrula-like stage formed by epiboly or overgrowth.
9. Determinate type of development.

Some zoologists (especially Lany) have advocated the view that ctenophora lead directly to the polyclad flatworms (Turbellaria).



Hydrocotea