

NON-CHORDATA PART I

I Semester B.Sc. Zoology Core Course I

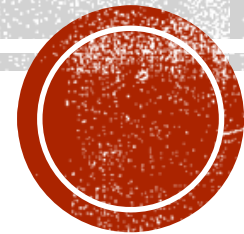
Dr. Swapana Johny

Asst. Professor

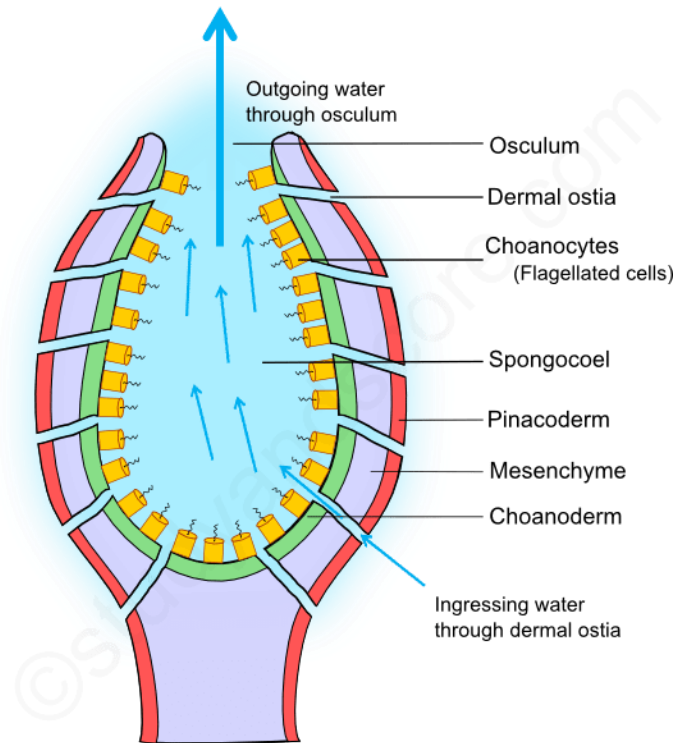
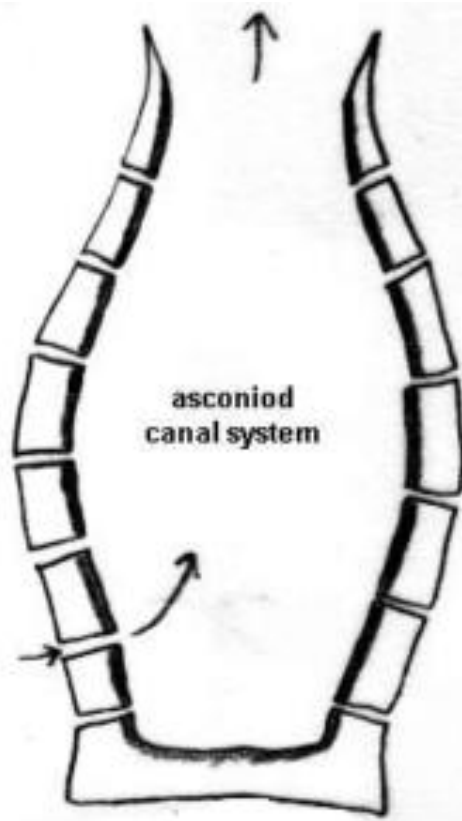
Dept of Zoology



CANAL SYSTEM IN SPONGES



ASCONOID TYPE



Ascon type canal system (Ex: Leucosolenia)

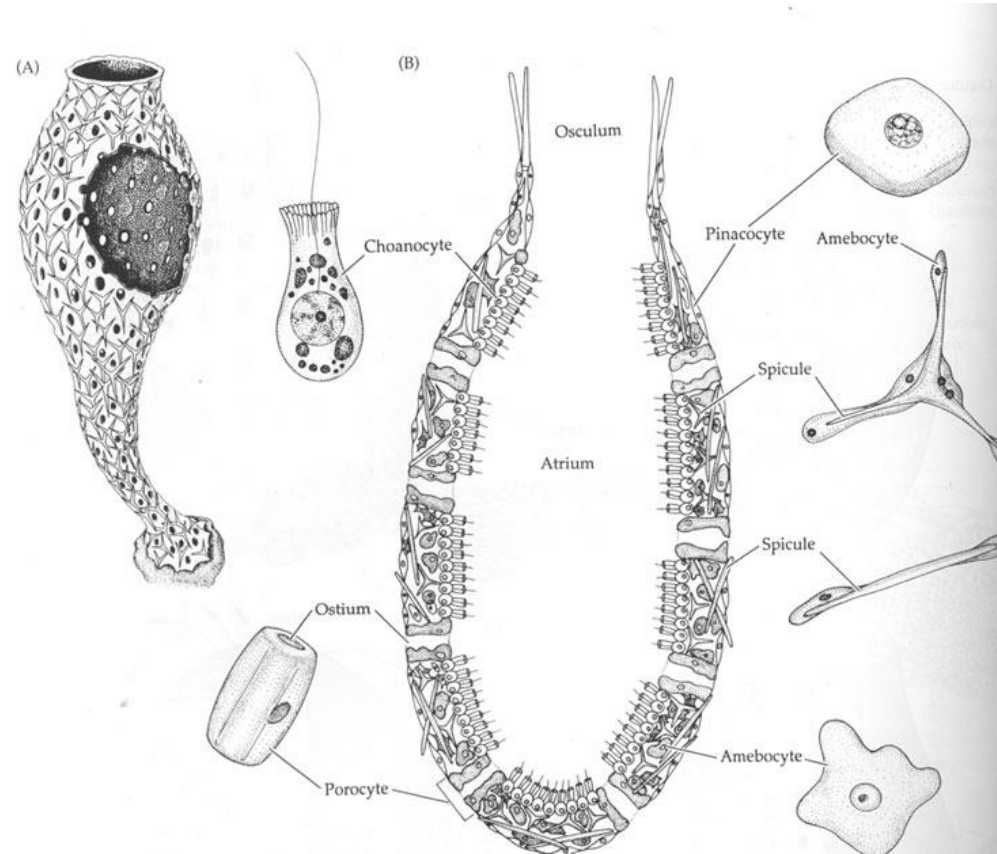


ASCONOID TYPE

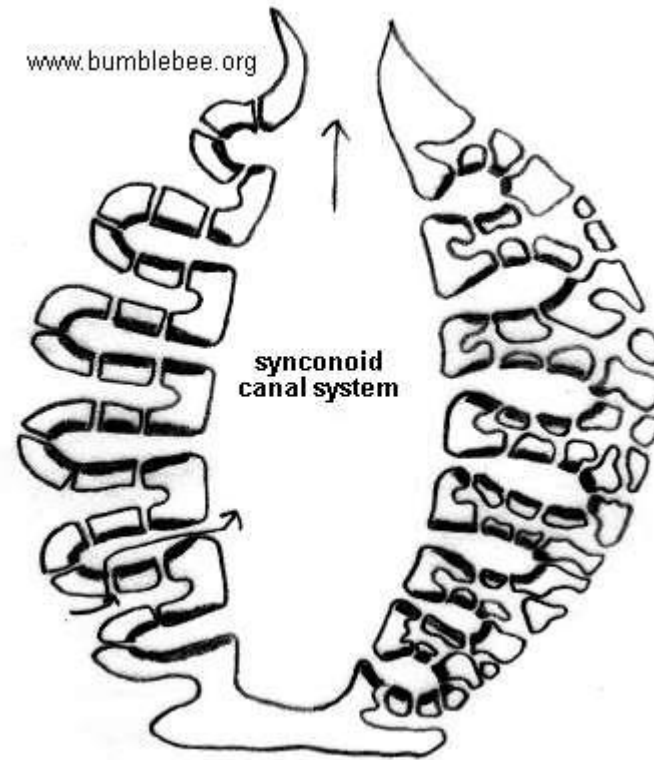
- Outside ----- Ostia ----- spongocoel ----- osculum ----- outside



ASCONOID TYPE



SYCONOID TYPE

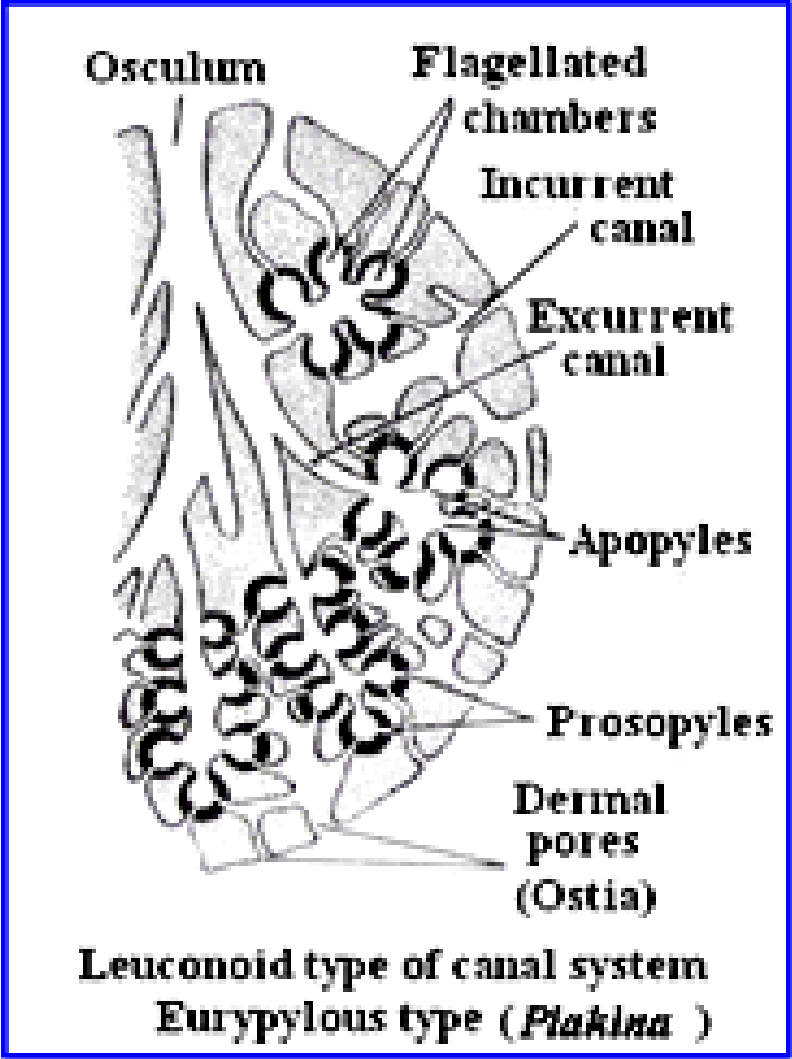


SYCONOID TYPE

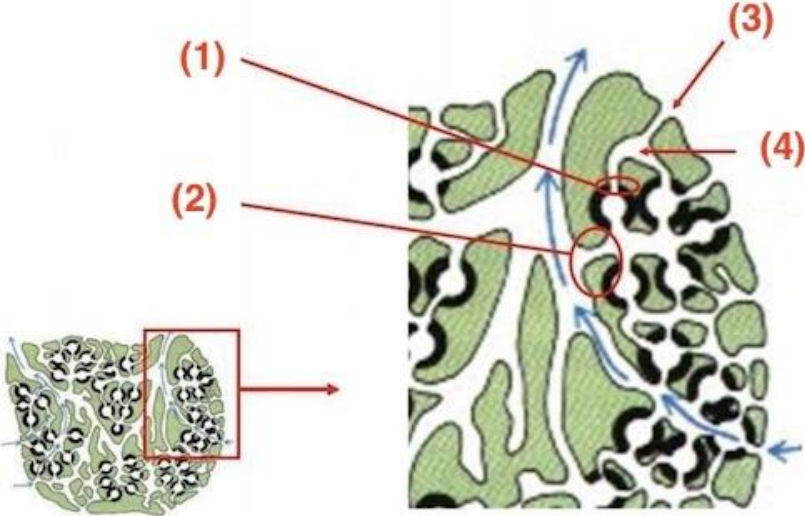
- Outside ----- dermal pores ----- incurrent canals ----- prosopyles -----
radial canal ----- apopyles ----- spongocoel ----- osculum ----- outside



LEUCONOID TYPE



Leuconoid Body Type

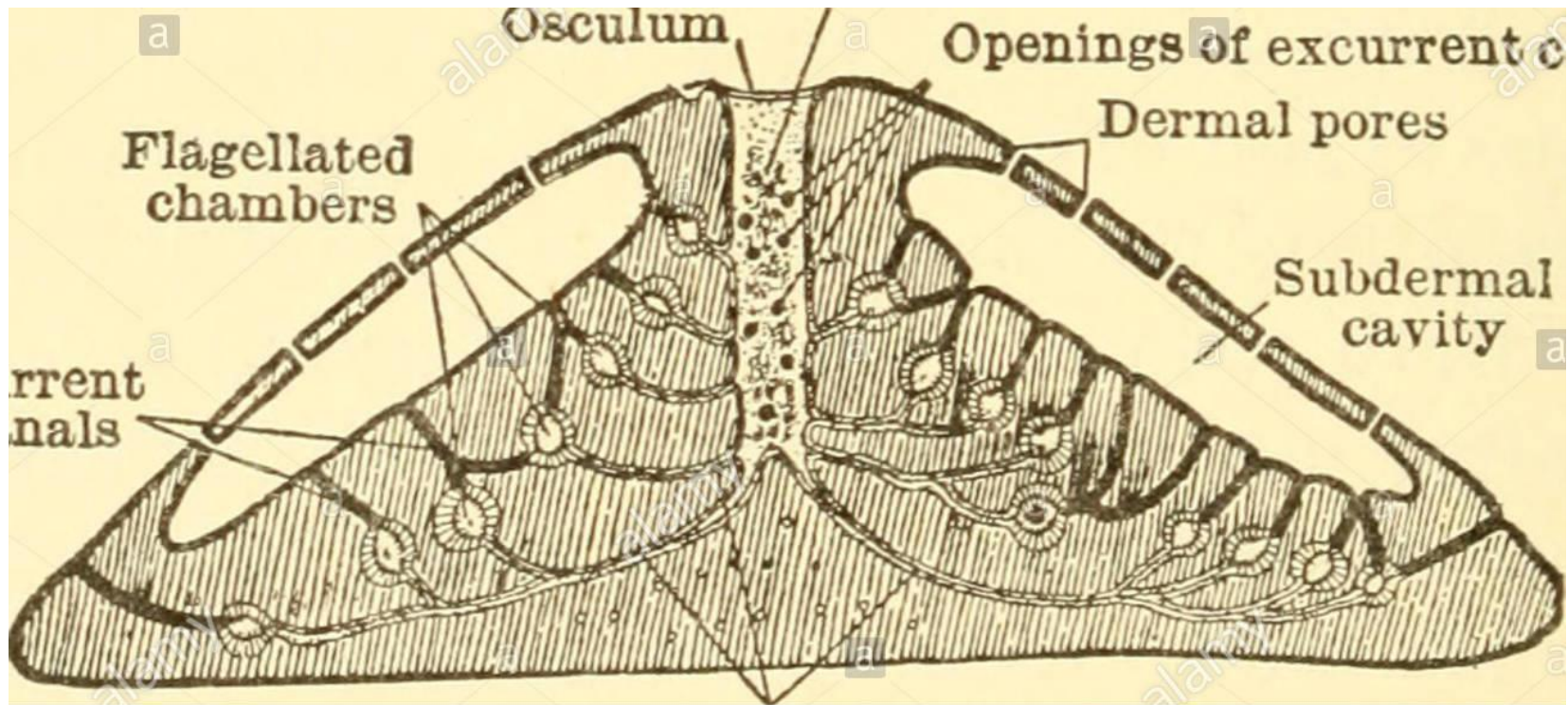


LEUCONOID TYPE

- Outside ----- dermal pores / ostia ----- incurrent canals ----- prosopyles ---
---- flagellated chambers ----- apopyles -----excurrent canals -----large
channels ----- osculum ----- outside



RHAGON TYPE



RHAGON TYPE

- Outside ----- dermal pores / ostia ----- subdermal spaces -----incurrent
canals ----- prosopyles ----- flagellated chambers ----- excurrent canals -
----- apopyles -----spongocoel----- osculum ----- outside

