## Animals 2

• send answer to iClicker Question 17A now.

Pre med society event

Temple Univ med student quest QIA

This Friday 3-4PM CC-2-2540 Free food

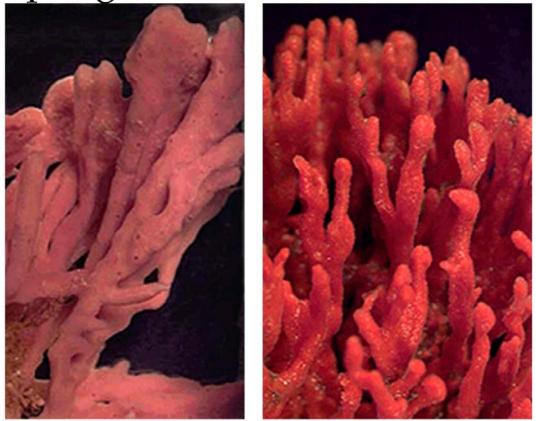
(Arr 7: UMW admission director ] Uisits

- Animation symbols
- Sponge
  - details
  - animation
- Jellyfish
  - details
    - animation
- Planarian I
- iClicker Question 17B
- Due in lab <u>this</u> week:  $\Rightarrow$  bring in a flower

Symbols used in animations



## Sponges



SPONJE - phylum positera group = parazon (6 different cell types but no true tissnes) habitat: in HzO only (usually salt HzO) - attached to rocks, etc (no motion :. no nervous system) structural supront : spicules (small particles of Ca CO3, siO2 and/or protein "skeleton") - "natural sponge" = spicules + protein (loofal is a plant) eating - protozoa swept by HzO current are captured & digested by individual cells (like how protozoa eat) reproduction (see book for details) . sexual? g , g, o? tow do spern get to egg? : ascxual? when to do?

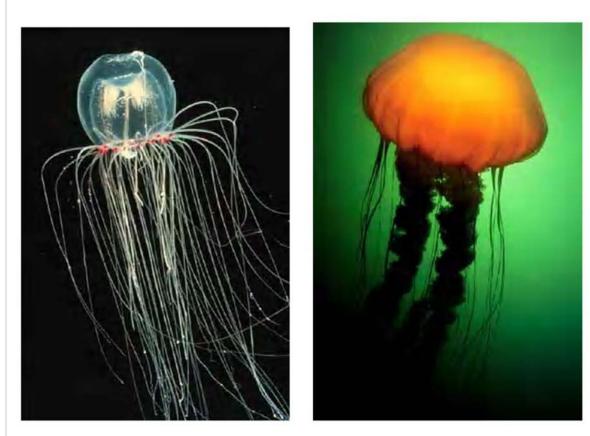
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Animals2 Page 2

· a sexual? what kinds? · life cycle? - larvae? can larvae move?



## Jellyfish



<u>Sellyfish</u> <u>Phylum</u> = cnidaria <u>grup</u> = radieta (radielly symmetric) -have tissues & organs habitat = only H2O; mostly salt H2O structural surjurt = protein + "hydrostatic" ("full of stuff") motion - pumping of mantle squirts out H2O \* has gastro vascular cavity <u>stomach</u> <u>circulatory</u> stomach <u>circulatory</u> of igestion happens here <u>one</u> opening <u>branches</u> "near all cells" food enters/feces leave <u>not</u> a true circulatory System



(no blood or vessels) eating - Oprey hit tentacles Onemato cysts sting prey (paralyze è grob) Stentacles bring prey to mouth/anus nervous - simple nerve net, no brain " reproduction : 2 forms (see book) · sexual : 9, or medusa spawn (release eggs i spern into the where they mix i fert ilize) · asexual polyp can reproduce by budding meduse cannot do asexual reproduction



## Planarian Plananian = phylun platy helminthes (flat worms) group = lophotroclozoa body plan = bilateral symmetry found : moist habitati é parasiter (blood flukes, tapeworms)

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Animals2 Page 6

