

SPONGE WORKSHEET

Use your notes & the text and lecture material to fill in the information on the sponges.

1. The phylum which the sponges are in is: _____
2. The Latin word Porifera means: _____
3. The sponge's general habitat is: _____
4. The sponge's distinguishing feature is the: _____
5. Most sponges are _____, which means attached and not moving.
6. If a sponge is pushed through a mesh screen, the pieces will _____
7. _____ cells are used to pump water into a sponge.
8. Choanocytes, or _____ line the inside of a sponge and use their _____ to move water through and capture small particles of food.
9. Sponges are filter feeders, dining on _____ caught in the collar cells.
10. The hole where water leaves a sponge is called the _____.
11. Spicules & Spongin are substances which provide the sponge with _____.
12. Sponges reproduce _____.
13. Some marine sponges are of commercial importance such as _____.
14. DRAW a sponge here. Label your drawing with: osculum, pores, collar cell, spicule, & the flow in and out of the sponge of the water.

15. Not all sponges are filter feeders. At least one variety is a "carnivore" dining on _____ (hint: see web info)

16. The bath sponge is a popular use of porifera. Describe the steps which are taken to make a bath sponge: (hint web)

17. The medical industry has taken a look at sponges for what reason? (hint web)