	Sponges
Sponges are in the phylum	which means
<b>-</b>	
Sponges live their entire life	to a single spot. An
animal that does not move is cons	sidered to be
Sponges are classified as animals	because:
1.	
2.	
3.	
4.	
Sponges do not have a	or a, and they have
no tissues or	_ systems.
Sponges are	, they have no or
ends and no le	ft or right
The body of a sponge forms a wo	all around a large central
through which water is	continually.
Water enters through	located in the body wall and leaves
through the	, a large hole at the top of the sponge.

Draw a sponge below and label the osculum, pores and direction of water flow.

Choanocytes are \_\_\_\_\_ cells that use \_\_\_\_\_ to move a steady current of water through the sponge. Add Choanocytes to your sponge drawing. A spicule is a \_\_\_\_\_\_-shaped structure made of calcium carbonate and silica. Spicules give the sponge body \_\_\_\_\_ in the place of bones. Sponges are \_\_\_\_\_\_ feeders. As water moves through the sponge, \_\_\_\_\_ particles are trapped and engulfed by choanocytes that line the body cavity. Sponges reproduce \_\_\_\_\_\_ or asexually. The eggs are fertilized inside the sponge's body, in a process called \_\_\_\_\_\_ fertilization. Why are sponges important in aquatic ecology? 1. 2.