
Phylum Porifera Webquest

1. What does the word **Porifera** mean?

Go to: <http://www.earthlife.net/inverts/porifera.html>

2. List the 10 characteristics of the Phylum Porifera.
3. What are the 3 main types of canals in sponges? Briefly describe each.
4. What are the 4 main types of cells found in sponges? Briefly describe each.
5. What type of reproduction do sponges generally exhibit?
6. Briefly describe the life cycle of a sponge.

Click on <http://www.ucmp.berkeley.edu/porifera/porifera.html>

There are 4 icons at the top (Fossil Record, Life History & Ecology, etc.) that you have to click on to find the answers).

7. Where in the fossil record do sponges first appear?
8. Describe the feeding strategy of a typical sponge.
9. What is the carnivorous exception?
10. What does this webpage say about their reproduction?
11. Click on the morphology icon and sketch the flow of water through a typical sponge
12. Click on the morphology icon & then the sponge skeleton link. What are spicules? What are they made out of?
13. Which types of sponges were used in the bath? Why are they not as commonly used?
14. Sketch a few examples of the different types of spicules.

Source: hs.skschools.net/Teachers/ndinitto/Downloads/Porifera%20Webquest.doc