

# Porifera

"Pore bearers"

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## World's Largest Sponge

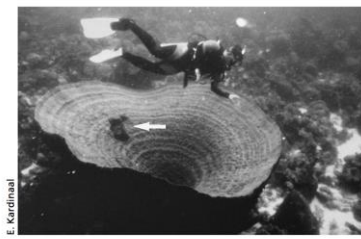


Figure 1. The first lesion (arrow) observed in the giant barrel sponge *Xestospongia muta*.

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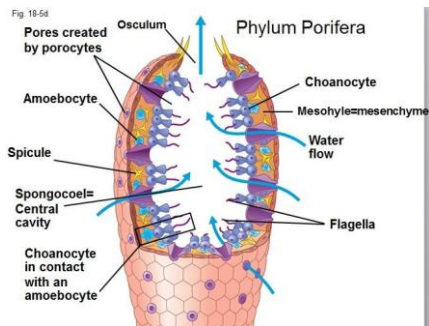
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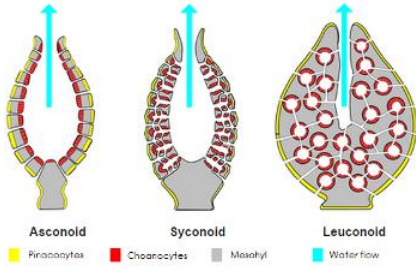
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Types of sponges



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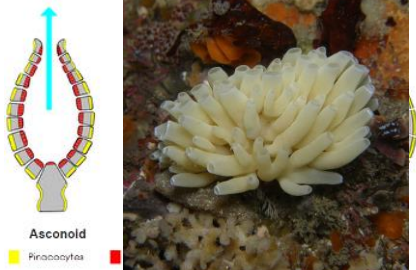
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Types of sponges



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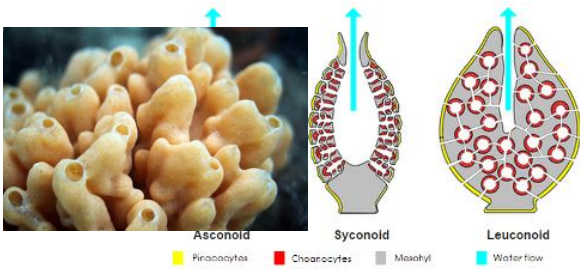
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Types of sponges



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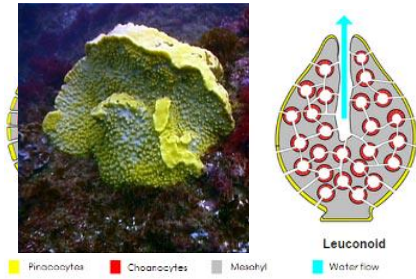
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### Types of sponges



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### Filter feeders!

- The volume of water passing through a sponge can be enormous, up to 20,000 times its volume in a single 24 hour period
- Some sponges trap roughly 90 percent of all bacteria in the water they filter.



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• <https://www.youtube.com/watch?v=m8a0oNsDEx8>

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