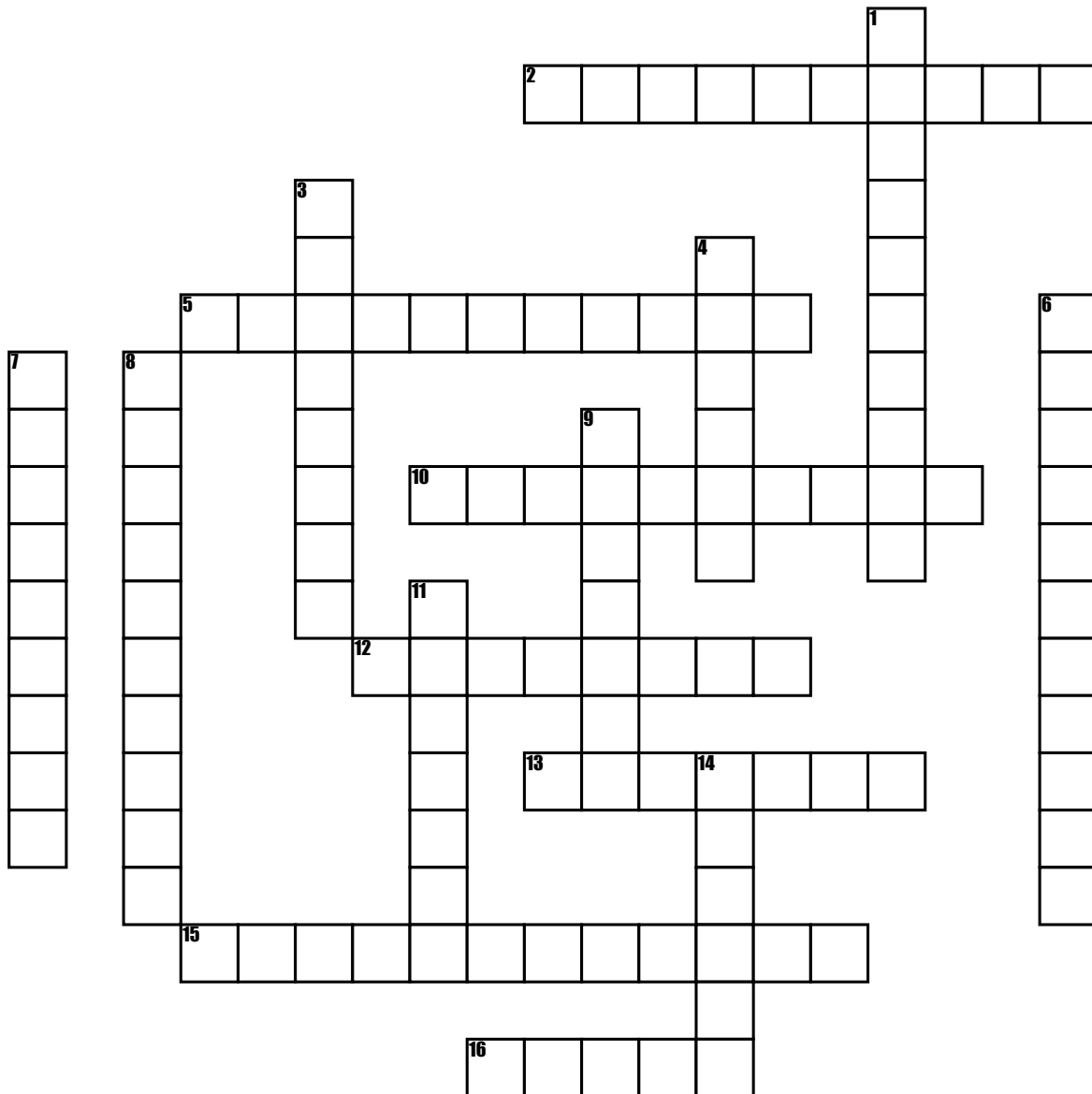


# ~The Phylum Porifera~



## **Across**

- 2.** This is another word for hermaphrodite  
**5.** The "hollow vessel" that holds amoebic cells  
**10.** A specialized cell that helps to secrete mineralized structures such as a sponges  
**12.** A needle-like structure supporting the softer tissues  
**13.** AKA the mesenchyme or as mesoglea acting as a filling between the pinacoderm and the choanoderm

## **15.** A sponge larva

**16.** Water enters the sponge here

## **Down**

- 1.** Flattened cells that contract and help in maintenance with the size and structure of the sponge  
**3.** Simplest body structure  
**4.** This stem-like structure attaches colonies to substrates  
**6.** Cells having a spongy appearance

**7.** A more complex body structure

**8.** Also known as the "collar cell" which is the filter that water passes through

**9.** A group of embryonic cells produced by a fresh water sponge.

**11.** The fibrous substance found on the skeleton of the sponge

**14.** Water exits the sponge here