

**Pond Water Micropet**

Find me?



**Alli**  
**Aelosoma**  
Type: Bristle Worm

Size: 1/2 mm

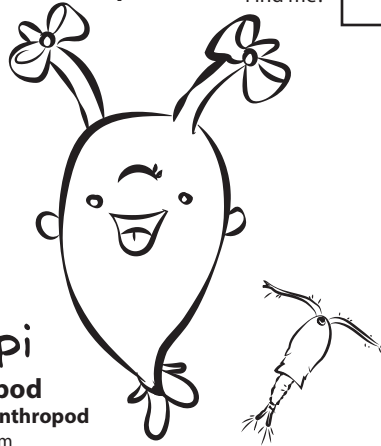
I am a fresh water worm that you will find in lakes and ponds everywhere. Don't be scared of me, I am not parasitic, I am a decomposer. One really cool thing about me is that I just split in half to reproduce.

Observations: \_\_\_\_\_

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**Pond Water Micropet**

Find me?



**Kopi**  
**Copepod**  
Type: Anthropod

Size: 1 mm

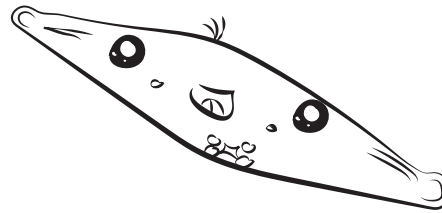
I live in saltwater and fresh water. I only have one eye to see with. I am so small that I don't need a heart or circulatory system to live, I can just absorb the oxygen I need from the water around me. My baby larvae don't look like me were once thought to be a different species.

Observations: \_\_\_\_\_

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**Pond Water Micropet**

Find me?



**Dy**  
**Diatom**  
Type: Algae

Size: 10 micrometers (1/10 of a mm)

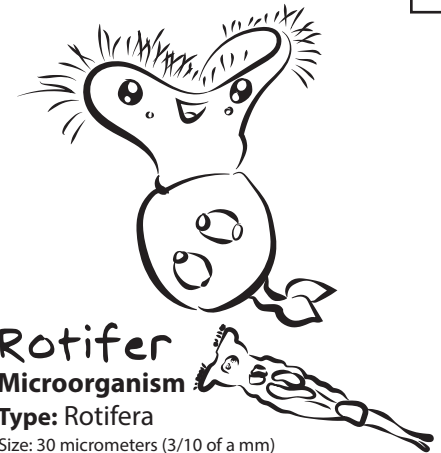
I am a unicellular organism that can swim like an animal but I produce my own food like a plant. One of the most unique things about me is that my cell wall is a hard silica shell that is a lot like glass. It is called a frustule. I fill it with oil that I make and use for my food.

Observations: \_\_\_\_\_

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**Pond Water Micropet**

Find me?



**Rotifer**  
**Microorganism**  
Type: Rotifera

Size: 30 micrometers (3/10 of a mm)

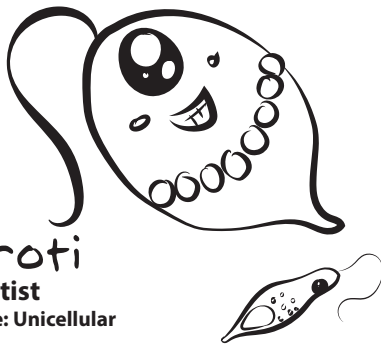
I am made of around 1000 cells. I have a small brain and a few nerves, a digestive system and up to 5 eyes. You can see lots of me in just a single drop of water. I have one foot and I use it to stand when I am not swimming around. I also have social behaviors.

Observations: \_\_\_\_\_

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**Pond Water Micropet**

Find me?



**Proti**  
**Protist**  
Type: Unicellular

Size: 1 micrometer (1/10 of a mm)

I am not a plant, an animal, or a fungus. I am actually a lot like all three. Scientists didn't know what to call me so I became my own class of thing. I am a protist. I am usually unicellular, so you can see my nucleus and cell organelles inside me. Some protists photosynthesize, some hunt other protists, and some eat plants.

Observations: \_\_\_\_\_

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**Pond Water Micropet**

Find me?



**Spiro**  
**Spirogyra**  
Type: Plantae (Water Silk)

Cell Size: 10 micrometers (1/10 of a mm)

Length: Several centimeters

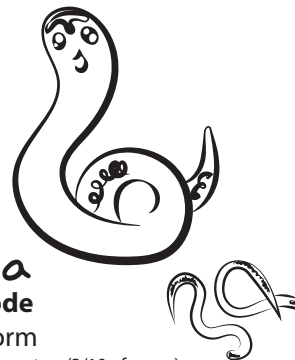
I am different than most plants because I have beautiful ribbon-like chloroplasts that spiral inside my cells. I grow underwater in fresh water but make so much oxygen that sometimes I float to the surface of the water. If you pick me up I feel like slippery green mermaid hair.

Observations: \_\_\_\_\_

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**Pond Water Micropet**

Find me?



**Nema**  
**Nematode**  
Type: Worm

Size: 30 micrometers (3/10 of a mm)

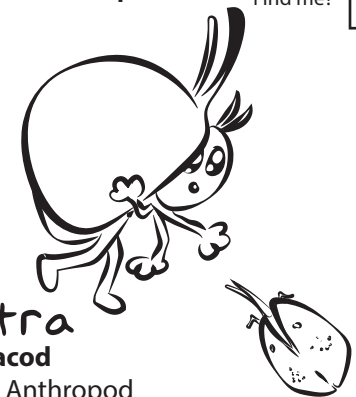
I am one of the most abundant life forms on earth. Biologists estimate that there are around 1 million types of nematodes. Around 12,000 species are known to be parasitic. That is one of the reasons why you should not drink pond water! I am so well at adapting to living environments that I can be found in salt water, fresh water, in soil and on land.

Observations: \_\_\_\_\_

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**Pond Water Micropet**

Find me?



**Ostra**  
**Ostracod**  
Type: Anthropod

Size: 10-30 micrometers (3/10 of a mm)

We live all over the world in saltwater and fresh water. Ostracods have a wide range of diets including being carnivores, herbivories, omnivores, scavengers, and filter feeders. Africa and Australia are hot spots for discovering new Ostracod species.

Observations: \_\_\_\_\_

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