

Protist Lab

You will need to view and photograph 2 different protists. You can choose between prepared slides or make your own with diatomaceous earth.

When photographing, choose the power that you feel best shows the detail.

Protist #1

Name of protist (name on slide): **Diatoms**

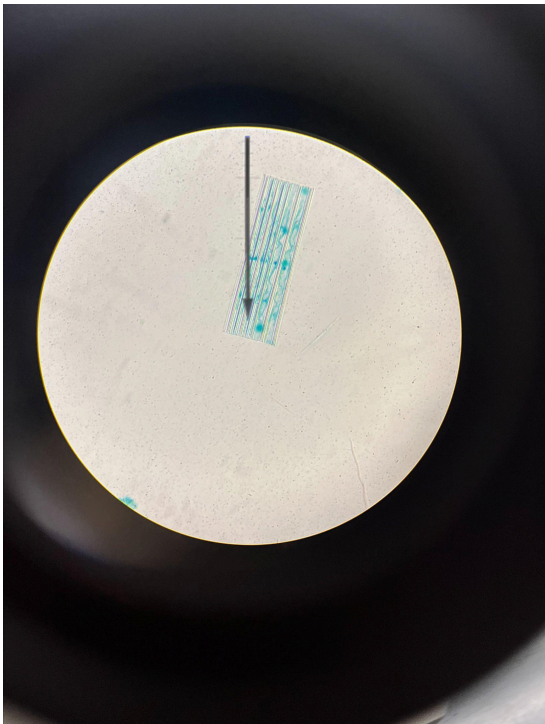
Type (animal, plant or fungal like): **animal-like**

Phylum and common name: **Bacillariophyta - Golden Algae/ Diatoms**

Distinguishing characteristics or anatomical features:

- Unique Cell wall (which is made of silica)
- Top and bottom (In the name **diatoms**) fit together like a box
- Distinctive shape

Insert picture- Include title and magnification



Diatoms

Magnification of 100x.

Protist #2

Name of protist (name on slide): **Euglena**

Type (animal, plant or fungal like): **Animal Like/Plant like**

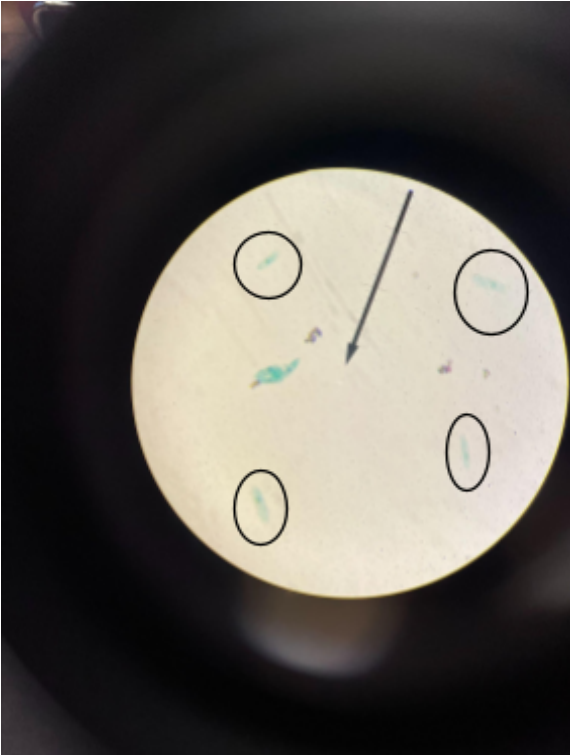
Phylum and common name: **Euglenophyla - Euglena**

Distinguishing characteristics or anatomical features:

- Elongated
- Eyespot

- Single flagellum
- “Flexible” cell shape (no cell wall - has a cell membrane)

Insert picture- Include title and magnification



Euglena

Magnification of 400x.