**General Biology II Lab Worksheet**

**Exercise 2 – The Protists Name:**

* Look at the following slides and match the pictures:
	+ Protozoans:
		- *Amoeba* Slide #\_\_\_\_\_
		- Radiolarians Slide #\_\_\_\_\_
		- *Globigerina* Slide #\_\_\_\_\_
		- Ciliates *– Paramecium, Stentor, Vorticella* Slide # \_\_\_\_\_\_, \_\_\_\_\_\_\_, \_\_\_\_\_\_
		- *Trypanosoma* Slide #\_\_\_\_\_
		- *Trichomonas* Slide #\_\_\_\_\_
		- *Plasmodium* Slide #\_\_\_\_\_
	+ Algae:
		- Green Algae
			* *Spirogyra* Slide #\_\_\_\_\_
			* *Volvox* Slide #\_\_\_\_\_
		- *Euglena* Slide #\_\_\_\_\_
		- Diatoms Slide #\_\_\_\_\_
		- *Ceratium* (dinoflagellate) Slide #\_\_\_\_\_

  

  

 

 



1. Did you observe the specimens of algae that are displayed on the lab benches? \_\_\_\_\_\_\_\_
2. Are the protists eukaryotes or prokaryotes? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. What are photosynthetic protists called? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. What are heterotrophic protists called? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Draw the phylogenetic tree of the eukaryotes:
6. Were you able to find all of the microscopic protists using the microscope? \_\_\_\_\_\_\_\_\_ Did you label the pictures in your lab notebook? \_\_\_\_\_\_\_
7. What are the **macro**scopic algae called? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. Be sure to make flashcards to help you study. You will be required to identify all of these organisms.