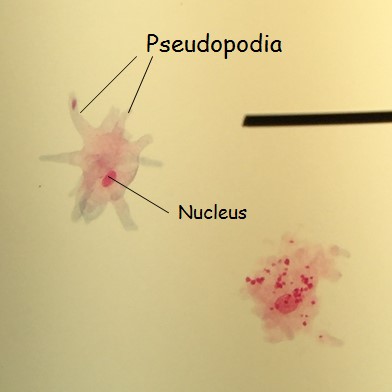
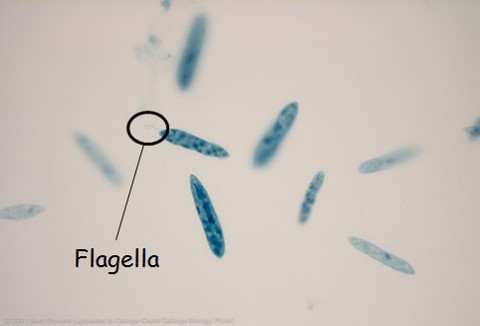
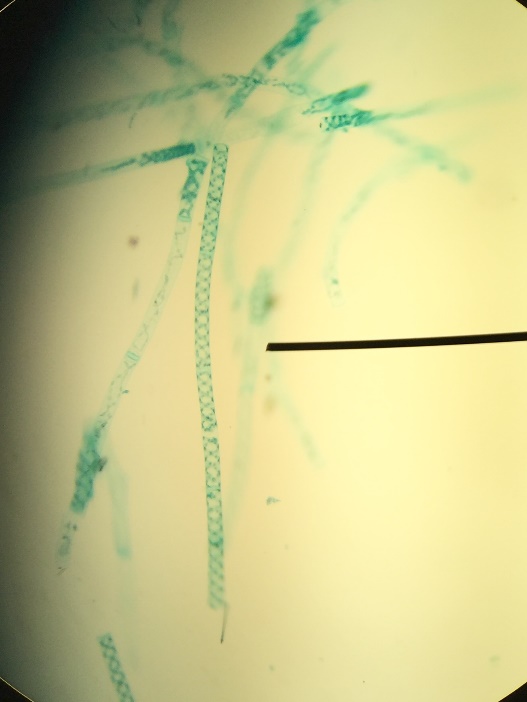
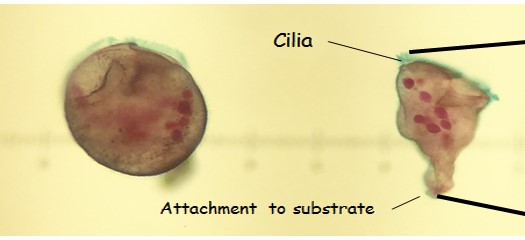
**General Biology II Lab Worksheet**

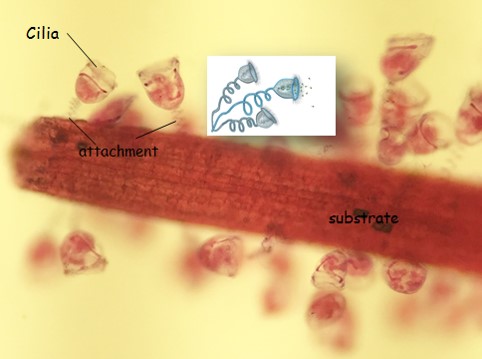
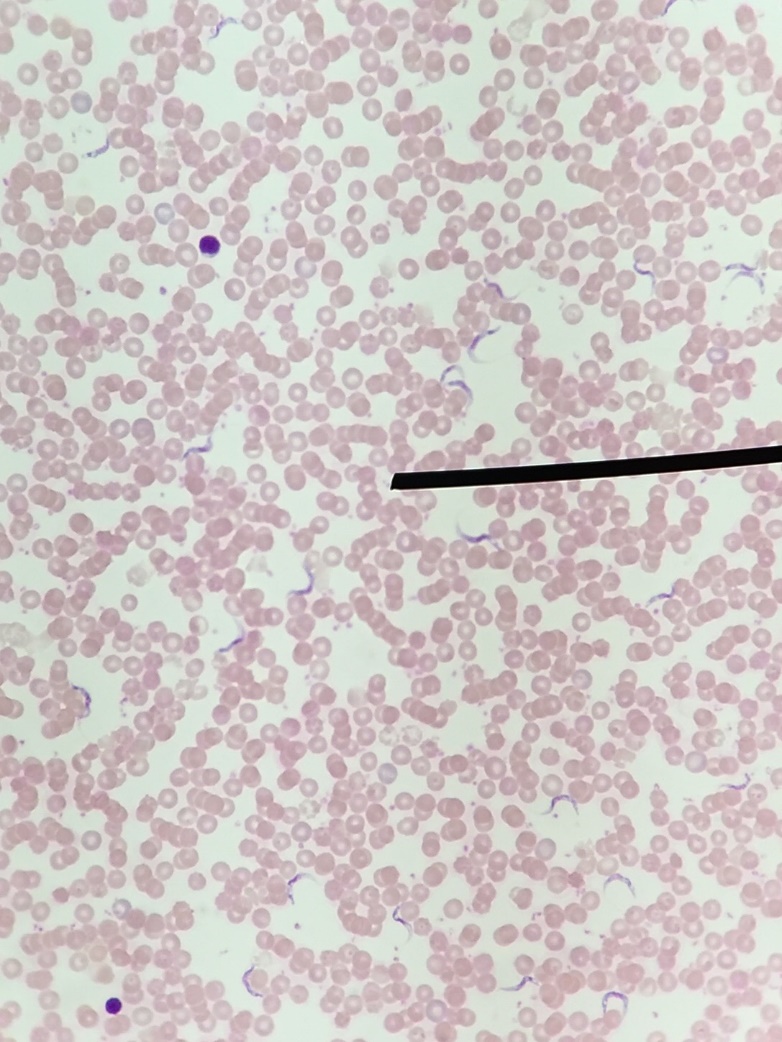
**Exercise 2 – The Protists Name:**

* http://image1.masterfile.com/em_w/04/35/33/400-04353365w.jpgLook 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.