**Taxonomy Worksheet - Practicum 1**

**Taxonomy Cladograms**

1. Fill in the missing taxa on the list:

Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Group: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Group: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Group: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Group: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Group: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Fill in the missing taxa on the list:

Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Supergroup: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Supergroup: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Supergroup: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Supergroup: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Fill out the missing taxa on the list.

Supergroup: Unikonta

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade/Kingdom: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Clade/Kingdom: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Division: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Division: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Division: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Division: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Division: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Note: Depending on which professor you have, you may not need to know some of the taxa, but it never hurts to know everything!

**Taxonomy Questions**

1. Which of the above groups does *Treponema pallidum* belong to?

2. Which of the above groups does *Chylamydia trachomatis* belong to?

3. What clade does *Entamoeba histolytica* belong to?

4. What supergroup does Fungi belong to?

5. What domain does *Plasmodium* belong to?

6. What clade2 does *Plasmodium* belong to?

7. What supergroup do higher plants belong to?

8. What supergroup does downy mildew belong to?

9. What domain does *E. coli* belong to?

10. What supergroup do choanoflagellates belong to?

11. What clade2 does *Trichomonas* belong to?

12. What clade2 does *Sargassum* belong to?

13. What supergroup does *Corallina* and *Chondrus* belong to?

14. What group does *Clostridium tetani* belong to?

15. What division does mushrooms belong to?

16. What clade2 does golden algae belong in?

17. What clade2 does red algae belong in?

18. What clade1 does brown algae belong in?

19. What supergroup does Dinoflagellates belong in?

20. What division does black bread mold (*Rhizopus*) belong to?

21. What clade2 does *Trypanosoma* belong to?