

ANIMAL BIOLOGY LABORATORY
Lab 1: Introduction to Animal Classification

Read pages 7-18 in your lab manual before coming to lab.

Objectives:

- Review the lab syllabus.
- Review how to use a Dichotomous Key.
- Learn how to reconstruct phylogenetic hypotheses.
- Set up an infusion culture.

Exercise 2A: Taxonomic Keys. Follow instructions in your lab book on pp. 7-8.

Fill out table on page 17.

Exercise 2B: Phylogeny Reconstruction. Follow the instructions in your lab book on pp. 12-16.

Review Questions

All questions pp. 15-16.

Infusion culture: Working as a group of 4, each bag of hay or grass clippings in the jar provided on your table. Next fill the jar with water and cover the jar. Finally put the names of your group members on the jar.

Read pages 20-25; 26-27 in your lab manual before coming to lab.