**Review: Classification and Diversity**

**Taxonomy**

Binomial Nomenclature

Species

Dichotomous Key

Phylogeny

Example classifications from class

**Viruses**

Capsid

Nucleic Acid

Selectivity

Host

**Bacteria**

Pathogenic

Decomposers

Peptidoglycan

Three shapes of bacteria

Obligate aerobes, obligate anaerobes, facultative anaerobes

Parasite

Saprophyte

Binary Fission vs. Conjugation

**Protista**

Animal-like, Plant-like and Fungi-like

Heterotroph vs Autotroph

Four phyla of animal-like fungi (classification, means of locomotion, appearance)

**K**ing **P**hillip **C**ame **O**ver **F**rom **G**reece **S**aturday