**7.11A – Dichotomous Keys**

**Dichotomous Key** - Tool used to sort organisms by paired similarities or differences based on a series of questions.

**Taxonomy** - The science of systematically categorizing organisms into a hierarchical system.

**Binomial Classification** - The system of naming an organism using two terms, the first genus, and the second, species.

**Genus** - A taxonomic category ranking below a family and above a species; generally consists of a group of species exhibiting similar characteristics.

**Species** - A fundamental category of classification, ranking below genus and consisting of related organisms capable of interbreeding.

Example of genus and species in an organism scientific name:

Common Name: Tiger\_\_\_\_\_\_\_\_\_

Scientific Name: Panthera tigris\_

 Genus Species