



Chapter 15: Classification

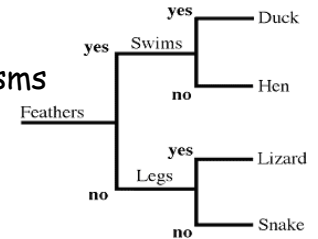
LEARNING GOALS

- ☐ 1. I can **explain the characteristics of a good classification system**

- ☐ 2. I can **use & make dichotomous keys** to classify organisms

-branching keys

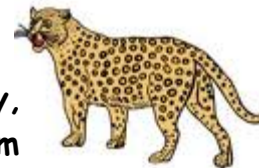
-paired statement keys



- ☐ 3. I can **describe Carolus Linnaeus' contributions** to classification

- ☐ 4. I can **use binomial nomenclature** to name & obtain information about organisms

- ☐ 5. I can **use the taxa: Kingdom, Phylum, Class, Order, Family, Genus and Species** to group and infer information about an organism



Acinonyx jubatus

- ☐ 6. I can **define the following vocabulary words:**

-taxonomy

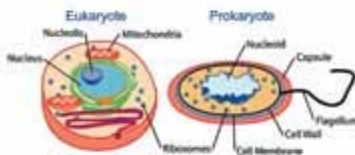
-prokaryotic

-heterotrophic

-taxon

-eukaryotic

-autotrophic



- ☐ 7. I can **name all the Kingdoms** that are used in classification today

-Monera (Archaeobacteria/Eubacteria), Protista, Fungi, Plantae, Animalia

- ☐ 8. I can **list the general characteristics of organisms within each specific Kingdom**