



Practice with Taxonomy and Classification

1. Kingdoms – Put these examples in the correct box:

Proteoachaeota Jaguar Bamboo E. coli Paramecium Chanterelle

	Animalia	Plantae	Fungi	Eubacteria	Archaea	Protists
Examples						

2. Into what kingdom would each of the following be classified:

- Unicellular prokaryotes that live in dust. _____
- Unicellular eukaryotes that live in pond water. _____
- Multicellular eukaryotes that live all over the planet and consume food. _____
- Unicellular prokaryotes that live in volcanic ash. _____
- Multicellular eukaryotes that have cell walls and are heterotrophic. _____
- Multicellular eukaryotes that have cell walls and are autotrophic. _____

3. Organisms that belong to the same class must belong to the same: (check)

_____ Order _____ Phylum _____ Kingdom _____ Family

4. Fill in the blanks:

Kingdom → _____ → Class → _____
 → _____ Genus → _____

5. In each pair, which one would you expect to find the most individual species?

- | | | |
|-----------------|------------------|----------------|
| Kingdom & Genus | Phylum & Kingdom | Class & Family |
| Order & Phylum | Genus & Order | Phylum & Class |
| Order & Class | Genus & Species | |

Use the chart to answer the next questions. →

6. Which three animals is the tiger most closely related to?

7. Would you expect an animal with the name *Rania onca* to look similar to a jaguar? _____

Why or why not? _____

8. Which animal is the house cat closest to? _____



Scientific Name	Common Name
<i>Panthera onca</i>	Jaguar
<i>Panthera pardus</i>	Leopard
<i>Felis lybica</i>	African Wild Cat
<i>Panthera leo</i>	Lion
<i>Felis catus</i>	House cat
<i>Canis lupus</i>	Wolf
<i>Panthera tigris</i>	Tiger