**Lesson 1: Ecological Levels**

*Answer the following questions in full sentences.*

1. What is ecology?

2. What are the 7 ecological levels?

3. What is an ecotone?

4. What level do each of the following belong to?

a. Giraffes and gazelles on the plain

b. A brook trout

c. A trout

d. A trout in a brook

e. Canadian Geese

f. King's Square

g. A road between a pond and a forest

h. A fox

i. A thin layer of life on Earth

j. Rats and snakes in a sewer

k. A willow tree

5. What is the difference between:

a. an organism and a species?

b. a population and a community?

c. biome and an ecosystem?

6. What are the 2 factors we look at in ecosystems? (Explain what each is, and give examples.)