

# Ecology: Chapter 3.1 – The Biosphere

## Warm-up Activity:

1. Make a table of all the types of organisms, including plants, humans, insects, and so on, that you have seen near your home or school.
  - a. You need to list at LEAST five organisms besides the examples given.
2. In the boxes explain how the organisms interact with each other.

## Warm-up Continued:

- Are there any organisms that do not interact together?

- 
- If so, can you think of another organism that may interact with them?
-

### What is Ecology:

Ecology is:

---

---

---

- All living things are \_\_\_\_\_
  - In other words, \_\_\_\_\_

### Levels of Organization

Ecologists \_\_\_\_\_

---

---

- From \_\_\_\_\_ to \_\_\_\_\_ the levels are as follows:

---

---

---

### Organism

---

Example: Fox, Amoeba, Mouse, Grass, Human, etc.

Your Example: \_\_\_\_\_

### Population

---

---

---

- Remember: this includes \_\_\_\_\_

---

**NOT** just animals!

### Community

---

---

---

### Ecosystem

---

---

---

---

### Biome

---

---

---

### Biosphere

---

---

---

In other words, \_\_\_\_\_

### Example of Levels of Organization

- Organism: \_\_\_\_\_
- Population: \_\_\_\_\_
- Community: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Ecosystem: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Biome: \_\_\_\_\_
- Biosphere: \_\_\_\_\_

Your Example of Levels of organization

- Organism: \_\_\_\_\_
- Population: \_\_\_\_\_
- Community: \_\_\_\_\_
- Ecosystem: \_\_\_\_\_  
\_\_\_\_\_