

Introduction to Ecology

I. What does survival depend upon?

- A. Our world is a very special place! It is our responsibility to take care of it.
- B. To do so we need to understand that all organisms on earth are
- C. Survival depends upon _____ with the environment.

II. What is Ecology? = Study of the

- A. "logia" = _____
- B. "oikos" = _____

III. What are the parts of an environment?

- A. All organisms are affected by both _____ factors.
- B. **Biotic factors** = _____
Examples- plants, animals, bacteria, interactions, fungi, and waste
- C. **Abiotic Factors** = _____

Examples – sunlight, temperature, moisture, rocks, _____ minerals, gases, pH, and air currents

IV. Mini – Structure within Environments

- A. **Niche** = way of life;
- B. **Habitat** = _____

V. Levels of Ecological Organization

- A. **Biosphere**= _____
 - a. area of earth _____, living globe
 - b. about _____ of water, land & atmosphere
- B. **Biome** = worldwide group of _____