Ecology Study Guide

**Define the following terms:**

Biosphere

Population

Community

Abiotic factors

Biotic factors

Biome

Ecosystem

Endangered Species Act

Gnatcatcher

Autotrophs

Heterotrophs

Herbivore

Carnivore

Omnivore

Detrivore

Trophic Level

Emerpgy Pyramid

Biomass Pyramid

Pyramid of numbers

Chemosynthesis

Photosynthesis

Explain the relationship between ecology and economics and give a specific example that shows how they relate.

What percentage of energy is transferred to each trophic level?

What is the difference between a food chain and a food web?

What methods are used in ecological studies?