

### **Ecology Review Worksheet**

- Decreases \_\_\_\_\_ Energy \_\_\_\_\_ as you move up a food web from producers to consumers
- Bacteria \_\_\_\_\_ Type of organism that carries out nitrogen fixation
- Climax Community \_\_\_\_\_ The stable ecosystem that develops due to succession
- Limiting Factor \_\_\_\_\_ biotic or abiotic resource in the environment that limits population size
- Water \_\_\_\_\_ sulfur oxides and nitric oxides react with \_\_\_\_\_ to form acid rain.
- Density-Dependent \_\_\_\_\_ competition and disease are examples of \_\_\_\_\_-\_\_\_\_\_ limiting factor.
- Producer/Autotroph \_\_\_\_\_ An organism that makes its own food
- Density-Independent \_\_\_\_\_ natural disaster is an example of a \_\_\_\_\_-\_\_\_\_\_ limiting factor.
- CFCs \_\_\_\_\_ The major cause of ozone depletion
- Global Warming \_\_\_\_\_ Increase in Earth's temperature from buildup of CO<sub>2</sub> and other gases in atmosphere
- Carrying Capacity \_\_\_\_\_ the number of organisms an environment can support over a long time
- Exponential Growth \_\_\_\_\_ as a population gets larger, it also grows faster
- Death Rate \_\_\_\_\_ population growth is determined by birth rate and \_\_\_\_\_.
- Consumer/Heterotroph \_\_\_\_\_ An organism that cannot make its own food.
- Decomposer \_\_\_\_\_ Organisms that break down and feed on wastes and dead organisms
- Greenhouse Effect \_\_\_\_\_ the reason the earth's average global temperature is 53 degrees rather than zero degrees.
- Habitat Degredation \_\_\_\_\_ damage to a habitat by pollution
- Immigration \_\_\_\_\_ when organisms move into an area from another area.
- Habitat Loss \_\_\_\_\_ The greatest threat to biodiversity today
- Emmigration \_\_\_\_\_ when organisms move out of the population they were born in
- Biosphere \_\_\_\_\_ The part of Earth in which all living things exist is called the
- Edge Effect \_\_\_\_\_ the different conditions around the boundaries of an ecosystem, this is greater in smaller islands than in larger islands
- Endangered \_\_\_\_\_ a species that is near extinction.