

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 CO₂ 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.

- Niche _____ The role and organism plays in its community.
- Sun _____ the original source of almost all the energy in most ecosystems
- Herbivore _____ an organism that feeds only on plants
- Secondary _____ The type of succession that begins after a disturbance
- Food Web _____ an ecological model of the relationships that form a network of complex interactions among organisms in a community from producers to decomposers
- Trophic Level _____ each step in the transfer of energy and matter within a biological community
- Mutualism _____ symbiosis in which both species benefit
- Primary _____ The type of succession that begins with bare rock.
- Demography _____ The scientific study of human population distributions