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# Ecology Unit Study Guide

DIRECTIONS: Answer the following questions using a separate sheet of paper. Use your text book and notes to help answer questions.

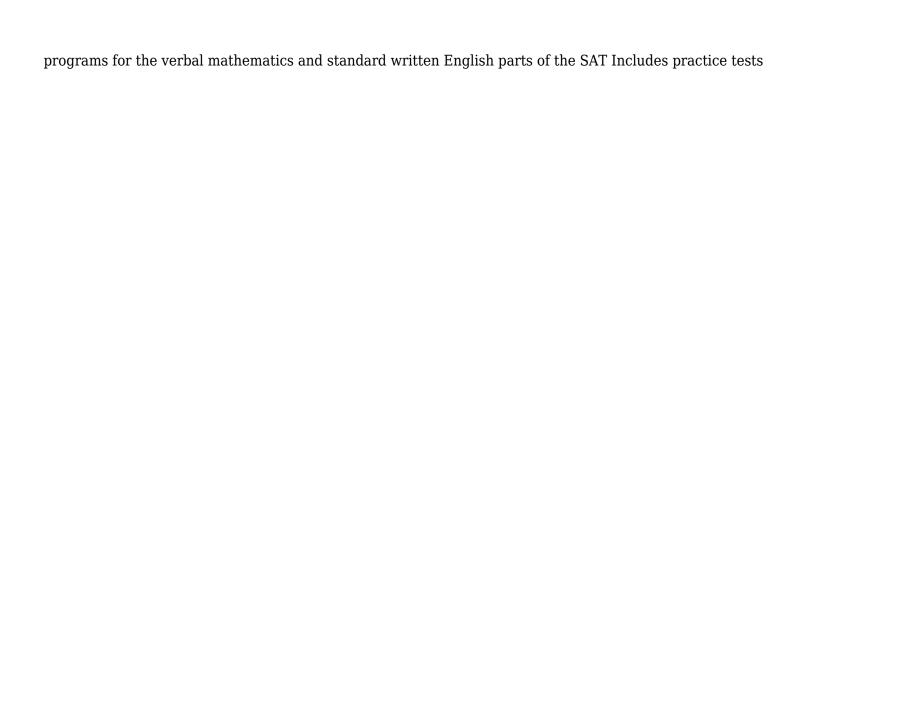
- Define the following terms: biosphere, species, population, limiting factor, limiting nutrient, producer/autotroph, decomposer, berbivere, empirore, predation, population density, sustainable use, endangered species, carrying capacity, competitive exclusion principal, renewable resource, nonrenewable resource, niche, photic zone, global warming, and greenhouse effect.
- Describe nitrogen fixation. What organism is mainly responsible for this process?
- List and give examples of the 3 types of symbiosis.
- 4. What is an algae bloom?
- 5. What is the difference between abiotic and biotic factors?
- List and describe the 3 types of succession and the difference between them.
- What type of succession takes place after a lava flow?
- Differentiate between a pyramid of numbers and a pyramid of energy. How is energy lost as you more up the pyramid? What percent of the energy is available to each successive step?

# **Biology Ecology Unit Study Guide**

P. William Davis, Eldra Pearl Solomon, Linda R. Berg

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This book delves into Biology Ecology Unit Study Guide. Biology Ecology Unit Study Guide is a vital topic that must be grasped by everyone, from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Biology Ecology Unit Study Guide, encompassing both the fundamentals and more intricate discussions.

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