

QUIZ EXPECTATIONS ENVIRONMENTAL SCIENCE QUIZ “Ecosystem Quiz”

STATE the two fundamental processes that occur in ecosystems
DEFINE inhabitant
DEFINE niche
DEFINE habitat
DEFINE Lotka-Volterra equations
DEFINE carrying capacity
DEFINE symbiosis
DEFINE a species (biological concept)
IDENTIFY the area of a lake with the highest concentration of oxygen
IDENTIFY the area of a lake with the highest concentration of life
IDENTIFY a biome on a climograph
IDENTIFY three fundamental interactions between species
OUTLINE the role of decomposers
OUTLINE the role of producers
OUTLINE the competitive exclusion principle
OUTLINE optimal foraging theory
OUTLINE commensalism
ANALYZE a climograph
ANALYZE a graph
DESCRIBE the components of the “simplest ecosystem” possible
DESCRIBE the effects of competition on the population of organisms
COMPARE biosphere, ecosystems, communities, populations
COMPARE intraspecific competition and interspecific competition