

EXPECTATIONS

ENVIRONMENTAL SCIENCE QUIZ

“Population Biology Concepts”

DEFINE environmental resistance
DEFINE biotic potential
DEFINE carrying capacity
DEFINE pioneer species
DEFINE opportunist
DEFINE fecundity
LIST factors that contribute to environmental resistance
IDENTIFY a number sequence that illustrates exponential growth
IDENTIFY a curve on a graph that represents exponential growth
IDENTIFY parts of a logistic growth curve from a graph
IDENTIFY a limiting factor as either density dependent or density independent
OUTLINE diebacks or population crashes
OUTLINE 4 factors that affect population size
ANALYZE survivorship curves
DESCRIBE reproductive strategies associated with different survivorship curves
COMPARE r-selected and K-selected strategies
COMPARE natality and mortality
COMPARE density dependent and density independent limiting factors
COMPARE intraspecific and interspecific
COMPARE abiotic and biotic factors
PREDICT a habitat where K-selected or r-selected species are likely to be found