

DEFINE evolution

DEFINE genetic drift

DEFINE niche

LIST factors that are contributing to rate of extinction on earth

LIST cellular processes that generate genetic variation

LIST processes that can change the allele frequency in a gene pool over time

LIST two types of genetic drift

OUTLINE how diversity is measured in an ecosystem

OUTLINE evolutionary fitness

OUTLINE consequences when two species share the same niche

DESCRIBE mutations

IDENTIFY an example of artificial selection from a list of choices

IDENTIFY the most closely related species from a phylogenetic tree

IDENTIFY derived and ancestral traits from a phylogenetic tree

IDENTIFY the most diverse community from a list a different communities in a given data table

IDENTIFY a story of speciation as either allopatric or sympatric

COMPARE niche specialists and generalists

COMPARE species richness and evenness from two given pictures of communities

SUGGEST from a list of different communities given in a data table choose the one that is least vulnerable to environmental disturbances

DISCUSS the choices that two different species have when they both want the same niche

EXPLAIN natural selection

EXPLAIN phenotypes

PREDICT how a species distribution might change given their preference for climate and how their climate might change as a result from climate change

PREDICT whether niche specialists or generalists would be more adversely affected by climate change