

EVIDENCE OF EVOLUTION

FILL IN THE BLANKS:

- _____ reveals the prehistoric record of life on Earth via the study of fossils.
- _____ involves using geography to examine the distribution of extant species.
- _____ illustrates highly conserved stages in development between related species.
- The study of _____ examines homologous structures among extinct and extant species.
- The study of _____ examines similarities between DNA and proteins found within different extant species.
- Often found in sediment layers, _____ consists of impression, trace, or remnant biological specimens from a past geologic age that have been preserved within the crust of the Earth.

BONUS: _____ is a specialized field within paleontology that examines the process of fossilization.

WORD BANK:

Molecular biology Homologous structures
Comparative anatomy Taphonomy
Embryology Biogeography Paleontology

ESSAY:

Compare and contrast analogous and homologous anatomical structures.

Why is the fossil record considered to be highly biased towards certain species?

