

FOSSIL RECORDS AND EVOLUTIONARY RELATIONSHIPS QUIZ 2

Fill-in-the-Blank Quiz

Word Bank

Evolution

common ancestor

relative dating

fossil record

transitional fossil

geological

homologous structures

extinction

natural selection

sedimentary

1. The collection of preserved remains and traces of organisms from Earth's past is called the _____.
2. Scientists often find fossils preserved in _____ rock, which forms from layers of deposited sediment.
3. The process of determining whether one fossil is older or younger than another based on the layers of rock is called _____.
4. A fossil that contains characteristics of two different groups and provides evidence of evolutionary change is called a _____.
5. Structures that have similar underlying anatomy because of shared ancestry are known as _____.
6. Two species that share a relatively recent _____ are generally more closely related than species whose common ancestor lived much farther in the past.
7. The gradual change in inherited characteristics of populations over generations is called _____.
8. The disappearance of a species from Earth is called _____.
9. Scientists use evidence from fossils to reconstruct changes that occurred throughout _____ time.
10. Fossil evidence, DNA comparisons, and anatomical similarities can all provide evidence for the process of _____.