

Chapter Content Mastery

Fossils and Evolution

CHAPTER 6
LESSON 1

Directions: Complete the following sentences using the terms below.

decomposition

fossil

fossil record

mold

paleontologist

permineralization

1. The _____ consists of all known fossils, their placements in rock, and their positions in time.
2. A scientist who studies fossils is a _____.
3. Petrified wood is formed through _____.
4. The naturally preserved remains of an organism that lived long ago are called a _____.
5. An old piece of fruit that begins to rot and grow mold is undergoing _____.
6. Cast and _____ fossils do not contain parts of the original organism.

Directions: On the line at the left, write T if the statement is true and F if it is false. For each false statement, write a new version that is true.

- _____ 7. Fossils provide evidence of how living organisms and the environment have changed throughout time.
-
- _____ 8. In nature, insects, worms, bacteria, and fungi contribute to the decomposition process by breaking down dead organisms.
-
- _____ 9. Heavy rains and acidic soils are two environmental factors that help fossils form.
-
- _____ 10. In permineralization, the hard parts of a dead organism dissolve and are replaced with minerals.
-
- _____ 11. Carbonization occurs when the elements that once made up an organism are removed and a thin film of carbon is left behind.
-

Copyright © Glencoe/McGraw-Hill, a division of The McGraw-Hill Companies, Inc.