

Fossils and Ecosystem Changes

1. If I find fossils of petrified trees in a desert, what does that tell me?

- a)** The desert was once a forest full of trees and life. **b)** Trees were made of rock in the past.

2. If I find fossils of shells and water creatures in a desert, what does that tell me?

- a) These water creatures walked many kilometers from the sea to the desert.

- b) The desert was once a water ecosystem.**

3. Scientists have concluded that millions of years ago, the Spinosaurus lived in an environment with:

- a) snow** **b) water** **c) only sand & rock**

4. Why have scientists concluded that the Spinosaurus used to live in a water ecosystem?

- a) Because they found pictures of them swimming in giant swimming pools.

- b) Fossils of water creatures and spinosaurus have been found together in the same place.**

5. If you find plant fossils in a cold and lifeless place such as the Antarctic, what can you conclude?

- a) The Antarctic used to have plants and trees in the past.**

- b) Maybe some penguins took the plant fossils there.**

Write if the following information is True or False.

1. Indians built a house made out of petrified trees. True / False
2. The Painted Desert is a region that has many paintings of Native Americans. True / False
3. The spinosaurus used to hunt in water. True / False
4. Paleontologists found marine reptiles in the Andes mountains. True / False
5. Paleontologists have never found fossils in the Antarctic. True / False