

1. An unusual type of fossil clam is found in rock layers high in the Swiss Alps. The same type of fossil clam is also found in the Rocky Mountains of North America. From this, scientists conclude that
 1. glaciers carried the fossils up the mountains
 2. the Rocky Mountains and the Swiss Alps are both volcanic in origin
 3. clams once lived in mountains, but have since evolved into sea-dwelling creatures
 4. the layers of rocks in which the fossils were found are from the same geologic age

Key

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NAEP national performance results in Science at grade 12: 2005

Evidence from fossil record

Correct:56%. Incorrect:43%. Omitted:1%.

NOTE: These results are for public and nonpublic school students. Percentages may not add to 100 due to rounding.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2005 Science Assessment.