

Chapter 11

Text Pages 294–297

STUDY GUIDE

● Continental Drift

Use the words and phrases in the boxes to complete each part of the outline.

Climate clues
Fossil clues
Glaciers

Plants
Rock clues

Evidence for continental drift**I. Early evidence****A. Puzzlelike fit of continents****B.** _____1. *Mesosaurus*2. *Glossopteris*

3. _____

C. _____

1. _____

2. Glacial deposits

D. _____

Magnetic evidence
Age evidence
Older rock farther from mid-ocean ridge

Reversal of magnetic alignment of rocks
Ocean rock younger than continental rock

II. Later evidence: seafloor spreading**A.** _____1. *Glomar Challenger* research

a. Newer rock near mid-ocean ridge

b. _____

c. _____

B. _____

1. Known reversal of Earth's magnetic field

2. _____