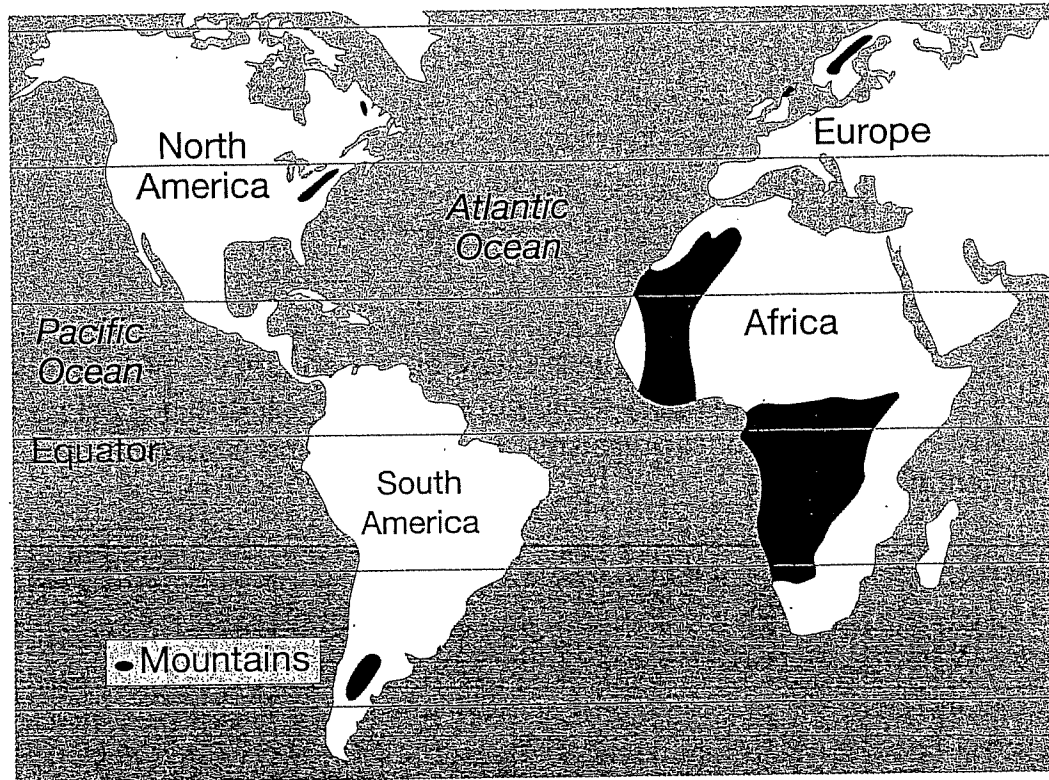


Rock Evidence

The Appalachian Mountains in eastern North America are made of the same kind of rock as a mountain range in Britain and Norway. There are similarities between rock found in Quebec and rock found in northern Britain. There are also similarities between rock found in South America and rock found in Africa.



2. Why would Wegener have been interested in the rock evidence described and shown above? What do you think he was thinking?

Climate Evidence

In order for coal to form, there has to be lots of plant life in a tropical, swampy environment. When the plants die and are compressed under many layers of sediment for millions of years, coal is formed. Today, however coal deposits are found in moderate to cold environments. These include Canada, northern Europe, and Antarctica. Wegener also learned that some places that have warm environments today, such as Africa, India, and Australia, were partly covered long ago by glaciers.

3. What possible explanations are there for the information described above? What do you think Wegener was thinking?

Biological Evidence

Marsupials are mammals that are born before they develop completely. They continue to grow and develop in a pouch on their mother's body. Marsupials are found in Australia, North America, and South America. Kangaroos are examples of Australian marsupials. Opossums are North American marsupials.

Earthworms from the same biological families have been found on South America and Africa. Earthworms cannot swim and cannot survive the cold and salt of ocean water.

Similar kinds of coniferous trees are found in Australia, in South Africa, and in Brazil and Chile of South America.

4. What possible explanations are there for the information described above? What do you think Wegener was thinking?
