

CHAPTER 25: The History of Life on Earth

1. How are fossils significant to our study of biology?

2. Review these key points in the study of fossils:

a. Sedimentary rocks are the richest source of fossils.

b. Paleontologists use a variety of methods to date fossils.

c. Continental drift.

d. The history of life is punctuated by mass extinctions show how...

3. What are a few ways how earth's environment has changed since 4 billion years ago?

Name: _____

4. Start with the origin of the earth and identify the **time frame, conditions, and evidence** for each of the following steps to current life forms on earth.

a. Origin of the earth –

b. Prokaryotic life –

c. Oxygen in the atmosphere –

d. Eukaryotic life –

e. Multicellular life –

5. What was significant about the discovery of the iridium bands in some sedimentary layers?
