

Name: _____

Date: _____

Deep Time Milestones

Use the timeline bar at the top to navigate through the different eons and eras of earth's history. Click on the names of the eras, and the circles, triangle, and squares on the timeline to learn more information.

Each of the biological events or life forms on this sheet appears in the "Transformation" section of the timeline. For each one, note the approximate timeframe it first appeared on earth, basic information about it, any effects from surrounding geological and/or extinction events, and any relevant information about the period, era, or eon.

I. PRECAMBRIAN EON

First Evidence of Life: _____

Bacteria Diversify: _____

First Eukaryotes: _____

True Algae: _____

II. PALEOZOIC ERA

The Cambrian Explosion:

Land plants:

Arthropods on land:

Reptiles:

III. MESOZOIC ERA

Mammals: _____

Dinosaurs: _____

Birds: _____

Flowering plants: _____

Click on the square for the “End Cretaceous” extinction event, and read the text. The Earth has now changed in significant ways. What changes are to come in the next and most recent stage of Earth’s history, the Cenozoic era?