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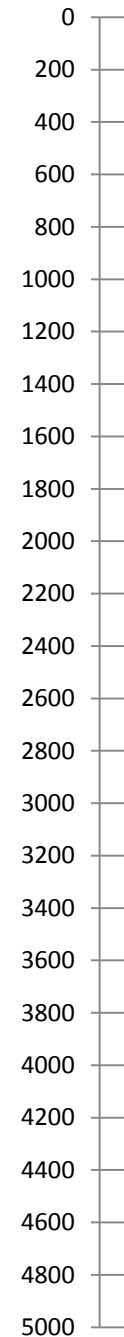
# GEOLOGIC HISTORY TIMELINES

by Charles Burrows

**Procedure:** Plot the following events from Earth's History onto BOTH of the timelines to the right. First mark the point of the event, then label the point with the letter of the event. If points are very close together, write the letters next to each other, separated by commas. If the event is not on the scale, write the letter(s) at the bottom of the scale.

- A** Estimated time of origin of Earth and solar system
- B** Oldest known rocks
- C** Oldest microfossils
- D** Oceanic oxygen begins to enter the atmosphere
- E** First sexually reproducing organisms
- F** Abundant stromatolites
- G** Great diversity of life-forms with shelly parts
- H** Earliest fishes
- I** Widespread deposition over most of New York along edge of Iapetus Ocean
- J** Salt and gypsum deposited in evaporite basins
- K** Earliest land plants and animals
- L** Earliest insects
- M** Earth's first forests
- N** Catskill delta forms
- O** Earliest amphibians
- P** Earliest reptiles
- Q** Mammal-like reptiles
- R** Earliest dinosaurs
- S** Earliest mammals
- T** Pangaea begins to break up
- U** Earliest birds
- V** Mass extinction of dinosaurs
- W** Earliest grasses
- X** Humans
- Y** Advance and retreat of last continental ice
- Z** Today

million years ago



million years ago

