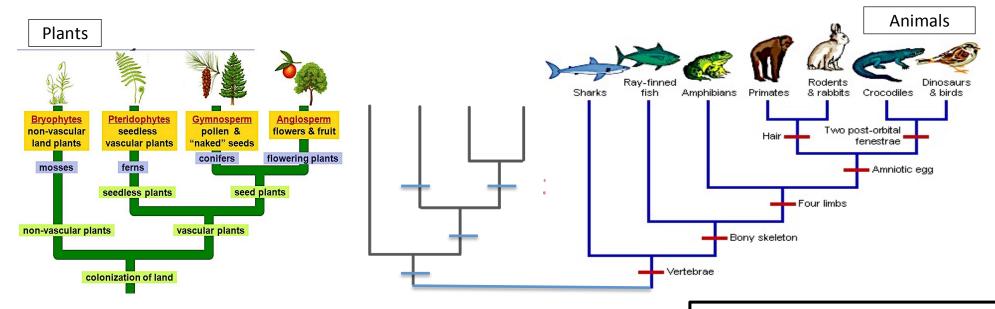
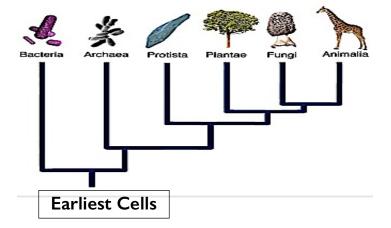
**Period** 

Use a straight edge for all connections.

- \_\_\_ 1) Connect the lower Classification of Life Tree to the Plants Tree and the Animals Tree
- \_\_\_ 2) Label the trait bars for the Invertebrates Tree, using these terms:
  - a) Invertebrates, b) Cells organized in tissues. c) Radial symmetry, d) Bilateral Symmetry
- 3) Add an example at the top of each branch of the Invertebrate Tree. Include the name and an outline drawing.
- \_\_4) Add a trait bar and the label **Eukaryote** (Nucleus in each cell) to the lower Tree of Life.



Tree of Living Things From Earliest Cells



## **Terms for Building Phylogenetic Trees**

Amniotic - Have young that develop in bag of liquid

**Autotrophic** – See Photosynthetic

Bilateral symmetry - Have 2 similar sides.

Eukaryote - Have cells with nuclei

**Heterotrophic** - Obtain food from others

Invertebrate – Have no vertebral column

**Photosynthetic** - Make their food from light energy.

Prokarvote - Have cells with no nuclei

Radial symmetry - Have equal sections arranged

around a center point

Vertebrate - Have spinal column or backbone