Name_

Caminalcules Worksheet

Part I. Classification of Living Caminalcules

Show your classification scheme by dividing each line in the chart into the appropriate number of sections for the Orders $(O_1, O_2$ -.-.), Families $(F_1, F_2$ -.-.), Genus $(G_1, G_2$ -.-.), and Species (1–14).

Class	Caminalcule													
Orders														
Families														
Genus														
Species														

Part II. Examining the Fossil Record

After examining the various phylogenetic trees, answer these questions.

- 1. How were the various phylogenetic trees similar?
- 2. What forces may have caused various changes in the Caminalcules population over time?
- 3. What might a newfound fossil do to your phylogenetic tree?
- 4. What other information about Caminalcules might help in reshaping a phylogenetic tree?
- 5. What might explain any "dead-ends" in the Caminalcules phylogenetic tree?

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