

Vocabulary

- Taxonomy
- Common Names
- Scientific Names
- Systematics
- Binomial Nomenclature
- Phylogeny

9. Describe a possible cause for branching in a phylogenetic tree. Use an example population (like the bunny population example shown in the Discovering the Great Tree of Life video) in your description. You can also use a labeled diagram in your explanation.
10. List three things that have fueled unprecedented advances in our understanding of the tree of life.
11. What surprises emerged from phylogenetic analysis of molecular information on *Rafflesia* (the parasitic flowering plant that smells like rotting flesh)? Why were these findings unexpected?