

NAME: _____ DATE: _____ HOUR: _____

H&A: Investigation 2: Tree Thinking (pages 17-21)

1. Who was Carolus Linnaeus? What did he do?

2. How did he and other scientists begin to classify living things?

3. Describe Darwin's tree pattern for organizing life.

4. What is a cladogram? What does it illustrate?

5. A trait must have been _____ species on the tree to be useful in a cladogram. It also must have appeared for the first time in those species'

6. Can extinct species be included? _____

7. Look at the cladogram on page 19 and read the last paragraph on page 18. Why do the shark, tuna and frog appear together in the same cladogram?

8. What evidence supports that the Hyrax, Manatee and Elephant are related?

9. A cladogram is a _____ about the relationship among groups of organisms. What would cause it to change?
