How is molecular systematics changing our view of taxonomy?

1. Indicate why the discovery of new species can change taxonomic groupings.

2. Indicate how our understanding of the Kingdoms within Domain Eukarya has changed due to molecular analysis of species.

3. Explain how, and why, a "web of life" differs from a simple phylogenetic tree.

4. What is horizontal gene transfer, and in which of the three Domains is it most common?

5. What is the current view of the "Three Domain" concept? (from your reading assignment)