

ASSIGNMENTS FOR SECTIONS

September 2

Section introductions. Come to section with a definition of evolution.

September 4

Gould, S.J. 1986. Evolution and the Triumph of Homology, or Why History Matters. *American Scientist*, 74: 60-69.

September 9

Hand in Assignment 1. You will exchange papers with a colleague for peer review. We will discuss how to do a peer review in class. **Hand in thought paragraph today.**

September 11

Phylogeny reading

September 16

Chapter 17 Ridley. Come prepared to discuss how to reconstruct a phylogeny. Be familiar with terms such as shared derived, shared ancestral and unique derived traits, character matrix and parsimony.

September 18

We will reconstruct phylogenies of previously unclassified organisms in small groups

September 23

Once the appropriate phylogeny is chosen, questions as to evolutionary process will be formulated. The activities of Sept. 18 and Sept. 18 will be the basis of Writing Assignment 2.

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