

## 5/6/14 Lecture Study Questions

1. Draw the chordate phylogeny and map on the key innovations/adaptations on the branches (such as the appearance of a backbone, a skull, etc.)
2. Where in the world did hominins originate? How many migrations out of that continent occurred, and what hominin species undertook them?
3. What is the controversy surrounding *Homo floresiensis*, the new species of human found recently on the Indonesian island of Flores?
4. Which of the following groups do humans belong to? Apes, chordates, monotremes, vertebrates, anthropoids.
5. How are a coelom and a pseudocoelom different types of body cavities?
6. How are hagfish different from goldfish?
7. What organisms are the link between a water-based lifestyle and an amphibious one?
8. Have humans stopped evolving through natural selection?