History of Marine Biodiversity

Earth 125 Lab

Week 6 Feb 26th - 28th 2014

Read the paper closely. While reading, look for key concepts and the importance of this reading. This paper is more technical than others we have read this semester, so expect to spend more time reading and understanding, and please write on the back if you need more space.

Part A, at-home preparation.

- 1. Look up the definitions of any words in the paper you do not know. This task is essential to understanding the paper, but will not be graded this week.
- 2. What is Figure 1 showing us? Sketch the chart and point out the key elements. What are the overall trends? What are the different components of that trend? What is an EF?

- 3. Figures 2, 3, and 4 show a trend in "Guilds" over time. What is a guild? What are the time periods? What is the trend shown?
- 4. Figure 8 divides up Figure 1 into "EEUs". What are EEUs? What distinguishes one EEU from another?
- 5. Summarize the paper in a few sentences. Do you have questions about the paper? If so, write them down to share with the class.

Part B, in class. You will be quizzed at the beginning of class; fill in your answers here.

Answer 1:

Answer 2: