**Life Has a History Webquest**

1. Go to wildebio.weebly.com
2. Click on Introduction to Ecological Systems
3. Click on the green “Life Has a History” link
4. Click on “Level 2”
5. Read the instructions for using the site, and then click on the “Next” button in the bottom right-hand corner to start the webquest

**Questions**

1. More than 1,000,000 species alive today are what kind of animal?
2. Give one example of a **mollusc**.
3. How many mammal species are known today?
4. How many species of fungi are known today?
5. Why does this site used different sized pictures to represent arthropods, plants, molluscs, etc?
6. The diversity of life we see today is a result of what process?
7. Click on the “470 million years ago” picture to read about life in the ancient ocean. What kind of animal was alive then that is a relative of modern squids and octopi?
8. What was a trilobite?
9. Click on the “160 million years ago” picture. What is the name of the aquatic dinosaur pictured here?
10. Click on the “Present” picture. What modern ocean habitat is shown here?
11. Complete the timeline activity.
12. For each of the three fossils that you click on, write the name of the fossil and its age:  
    A)  
      
    B)  
      
    C)
13. What four features did early theropods inherit from their ancestors?
14. How are the features of the “Birds” different than the features of the “Theropods”?
15. What features do the “Modern Birds” have that the “Theropods” did not have?
16. What does a cladogram show you?
17. Why do different populations of finches have different sized beaks?
18. Besides natural selection, what can influence evolution?
19. For each of the four extinct species you click on, write the name of the species and when it went extinct:  
    A)  
      
    B)  
      
    C)  
      
    D)