The Making of a Theory: Darwin, Wallace, and natural selection

<https://www.youtube.com/watch?v=XOiUZ3ycZwU>

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Answer any and all questions in a complete sentence.

1. How long did Wallace collect animals in the amazon jungle?
2. What happened before he could make it back to England?
3. What was he trying to figure out what was the question he was hoping to answer?
4. Who answered the question before Wallace?
5. Where did most people believe species cam from around this time?
6. What was the name of his ship?
7. What was the first thing he found that was evidence of evolution?
8. How long before Darwin arrived at the Galapagos
9. What animal did Darwin like?
10. What clue was Darwin given?
11. Why do you think different types of birds or tortoises lived on other islands than one another?(opinion)
12. What was Darwin’s theory that differed from special creation…how did he think the animals got to the islands?
13. What was the best explanation that Darwin came up with to explain the different species in the Galapagos?
14. How did Darwin think species were related to extinct species?
15. Where did Darwin believe that species came from?
16. Do you think that the world would have excepted his idea at the time?Why or why not? (opinion)
17. How many book did he publish?
18. How doe s Wallace more or less force Darwin to come forward with his theory?
19. What did Wallace like in terms of animals?
20. What did Wallace discover using butterflies that Darwin discovered using birds in the Galapagos?
21. What did he notice about where an organism lives in relation to how closely they are related?
22. Do new species arise randomly? Explain your answer?
23. What did he notice by comparing wales manatees, and humans?
24. What was the Wallace line? What did it represent?
25. What did the line explain?
26. How did each set of animals get on the islands that they were at?
27. What keeps species population in check from over riding the planet?
28. How can species change?
29. What was the theory name for Darwin’s theory?
30. So who was agreed upon that got to the idea of natural selection first?