

Name: \_\_\_\_\_ Block: \_\_\_\_\_ Date: \_\_\_\_\_

### Evolution Movie Guide

1. What is more accurate to say about Charles Darwin?
2. What did Darwin set off to study?
3. How many years did the study take place?
4. Why did Darwin study finches?
5. Why did the finches' beaks change?
6. What is the theory of Natural Selection?
7. What are the conditions for natural selection to occur?
8. How are copying errors a good thing? Give an example.
9. What is directional selection?
10. What is disruptive selection?
11. What is stabilizing selection?
12. What is a mutation?
13. How are genes selfish?
14. What is altruism? How is it beneficial to survival?
15. What is genetic determinism?
16. Why are male peacocks so ornamental?
17. Why do peahens prefer male peacocks with flashy tails?
18. How does this relate to humans?
19. What is sexual selection?
20. What is runaway selection? Give an example.
21. How is human courtship more complex than animal courtship?
22. Why can you not cross a mouse with a mango?
23. What is evolution?
24. What is speciation?
25. Give examples of speciation.
26. List the two types of speciation.
27. What is parallel evolution?
28. What is convergent evolution?
29. What is divergent evolution?
30. How do asexual organisms reproduce?
31. How do we group organisms?
32. What is the "soup" they refer to?
33. How did organic chemicals form from inorganic chemicals?
34. Give examples of similarities of DNA in animals.
35. What does the Linnaean system do?
36. What is cladism?
37. Why don't horses have wheels?
38. What is cumulative natural selection?
39. What is a neutral mutation?
40. Why are beneficial mutations hard to obtain?