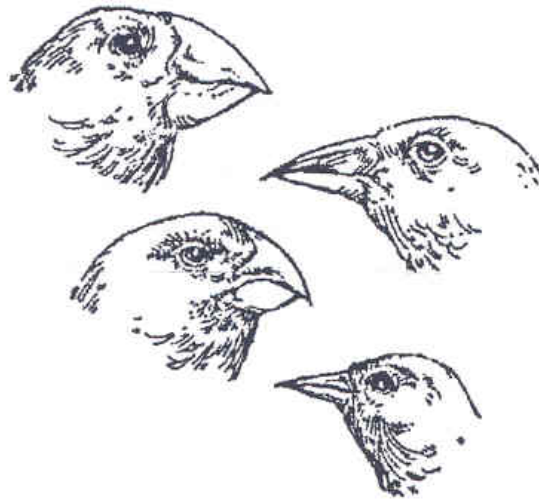


Adaptation

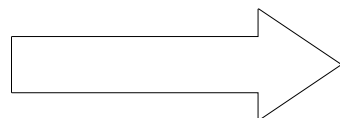
Posttest

1. 4 species of finches are shown below. They live on the same island and have a common ancestor.

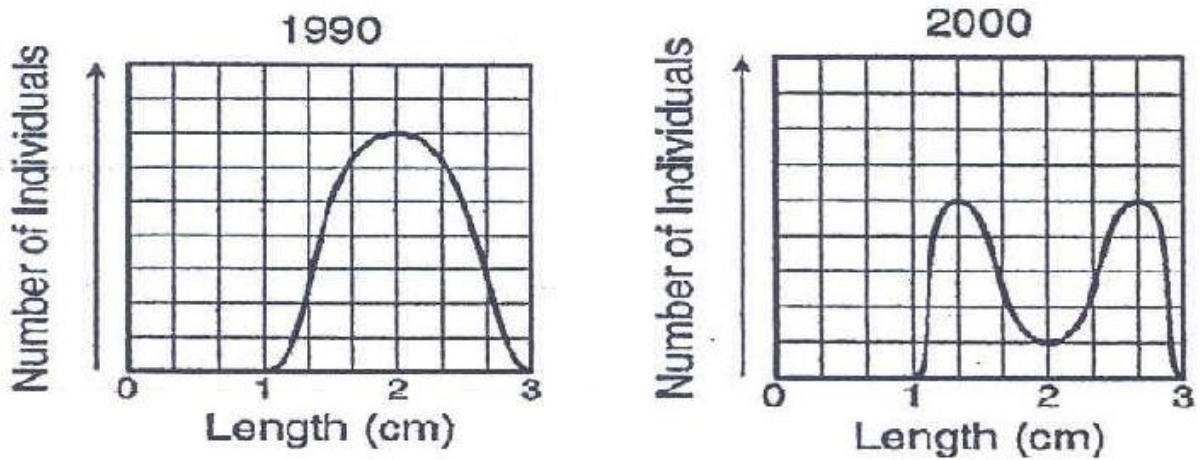


Circle the words that best complete the statement.

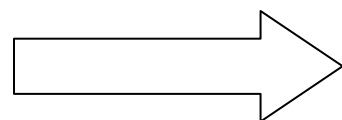
Competition for limited / new (circle one) food sources led to increased / decreased (circle one) diversity among species.



Body Length of Mosquitoes in a Specific Area

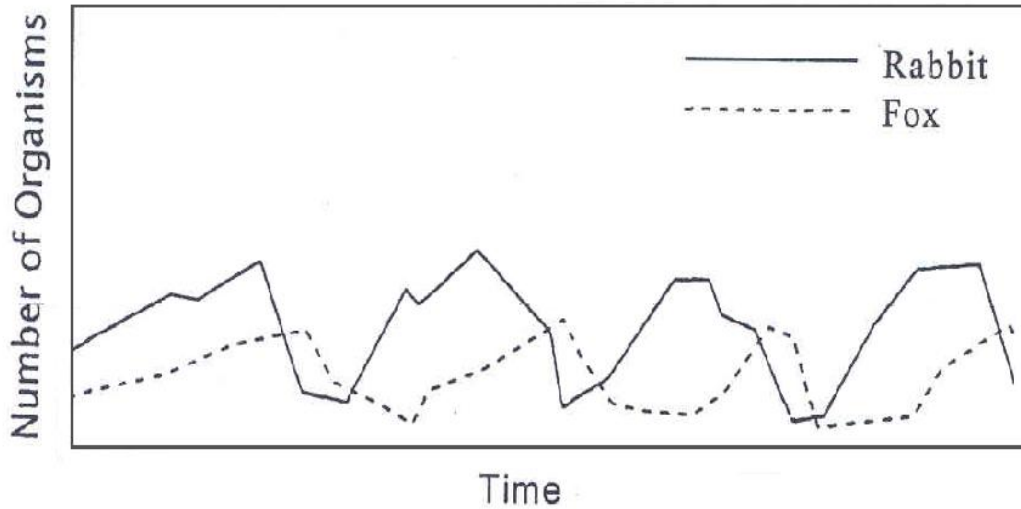


2. Which conclusion is supported by the graphs shown above?
- A. Mosquitoes with a larger body length have migrated into the area.
 - B. Mosquitoes with a smaller body length are being eaten.
 - C. A body length of 2 cm is a disadvantage in the environment in 2000.
 - D. A body length of 3 cm is the ideal size for mosquitoes in 2000.

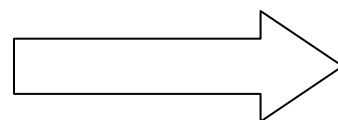


Evolution

3. The graph below shows the population density of rabbits and foxes over several years.



Explain why an increase in the rabbit population is followed by an increase in the fox population.



Evolution

4. Darwin defined "natural selection" as the process by which species survive and adapt.

Does natural selection have a greater effect on species in an environment that is stable, or in an environment that is unstable and periodically changing? Explain your answer.

