

**Chapter 15 Darwin's Theory of Evolution**

**Section Review 15-2**

**Reviewing Key Concepts**

**Matching** *On the line provided, write the letter of the answer that best matches each description.*

- a. Hutton and Lyell                      b. Lamarck                      c. Malthus

- \_\_\_\_\_ 1. studied geological changes that shaped Earth
- \_\_\_\_\_ 2. stated that inheritance of acquired traits caused change in a species over time
- \_\_\_\_\_ 3. recognized that food and living space were two limiting factors for human population growth
- \_\_\_\_\_ 4. proposed that acquired traits could be passed on to an organism's offspring
- \_\_\_\_\_ 5. recognized that processes that shaped Earth in the past are the same processes that operate in the present
- \_\_\_\_\_ 6. proposed that by selective use or disuse of organs, organisms acquired or lost certain traits in their lifetimes
- \_\_\_\_\_ 7. recognized that Earth is many millions of years old

**Reviewing Key Skills**

**8. Applying Concepts** Lyell's *Principles of Geology* stated that geological features could be changed over long periods of time. How did this statement influence Darwin's own concept of evolution?

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**9. Comparing and Contrasting** Which of Lamark's ideas turned out to be true? Which turned out to be false?

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**10. Posing Questions** What ideas and questions about plants and animals did Malthus's work suggest to Darwin?

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