

### CHAPTER 15

# Study Guide

## Section 1: Darwin's Theory of Evolution by Natural Selection

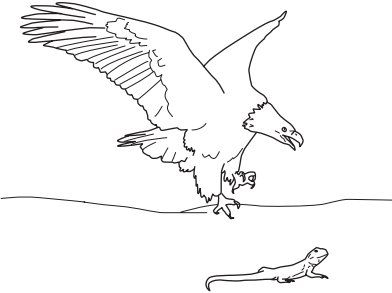
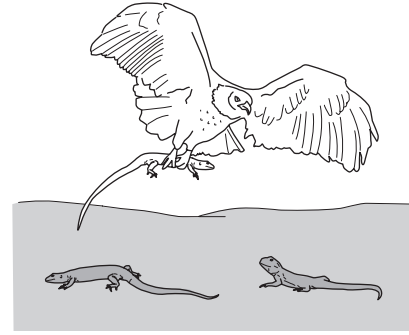
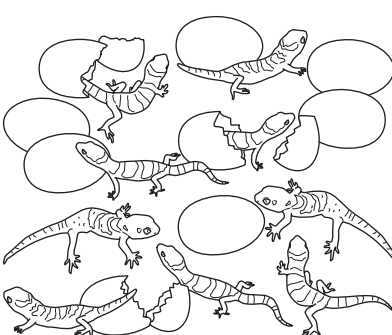
In your textbook, read about developing the theory of natural selection.

For each statement below, write true or false.

- \_\_\_\_\_ 1. Charles Darwin served as naturalist on the HMS *Beagle*.
- \_\_\_\_\_ 2. The environments that Darwin studied exhibited little biological diversity.
- \_\_\_\_\_ 3. While in the Galápagos Islands, Darwin noticed slight differences in the animals from one island to the next.
- \_\_\_\_\_ 4. Darwin discovered that the Galápagos mockingbirds were different species.
- \_\_\_\_\_ 5. Darwin named the process by which evolution proceeds *artificial selection*.

Match the point from Darwin's theory of evolution to the appropriate diagram.

- A. There is a struggle to survive.
- B. Living things overproduce.
- C. There is variation among offspring.
- D. Natural selection is always taking place.

<p>_____ 6.</p> 	<p>_____ 8.</p> 
<p>_____ 7.</p> 	<p>_____ 9.</p> 