

SECTION | SPECIES CHANGE OVER TIME.  
**14.2** | **Reading Study Guide B**

**BIG IDEA** Living things, like Earth itself, change over time.

**KEY CONCEPT** Species change over time.

**Review**

Fossils are evidence of earlier life.

**Take Notes**

**I. Scientists explore the concept of evolution. (p. 497)**

1. Fill in the frame game for *evolution*.



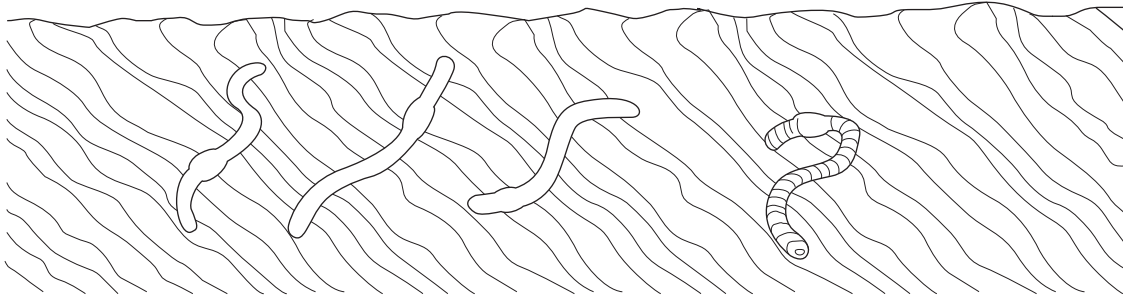
**A. Early Ideas and Darwin's Observations (pp. 498–499)**

2. Fill in the main idea and detail notes for *evolution*.

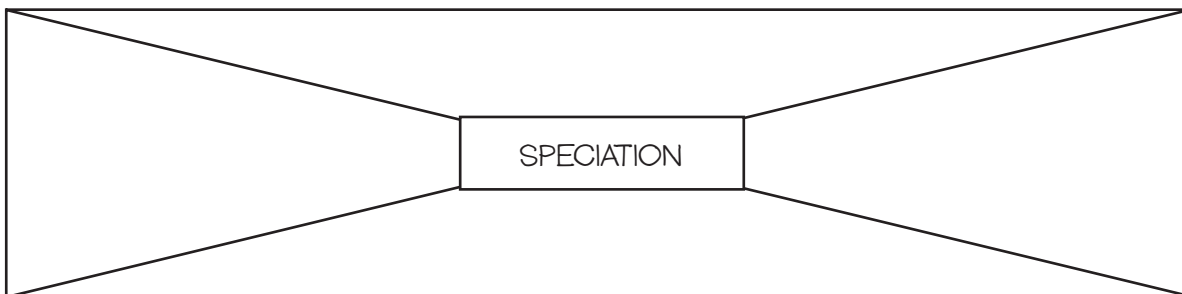
Main Idea	Detail Notes
1. Lamarck was the first scientist to propose a model of how life evolves.	A.  B. Darwin spent five years as naturalist aboard the <i>Beagle</i> .
2. Darwin published the basis for the modern theory of evolution.	A.

**II. Natural selection explains how living things evolve. (p. 501)****A. Overproduction, Variation, Adaptation, and Selection (p. 502)**

3. Explain how the worms have adapted to their environment.

**III. New species develop from earlier species. (p. 504)****A. Speciation and Isolation (pp. 504–505)**

4. Fill in the frame game for *speciation*.



5. Fill in the main idea chart for the main idea shown.

