

SECTION
10.3 | THEORY OF NATURAL SELECTION
Section Quiz

Choose the letter of the best answer.

- _____ 1. The development by scientists of a new color in a rose is the result of
- a. natural selection.
 - b. artificial selection.
 - c. descent with modification.
 - d. overproduction.
- _____ 2. In natural selection, the selective agent is the
- a. humans.
 - b. mutations.
 - c. breeders.
 - d. environment.
- _____ 3. All the rabbits living in a particular area would be an example of a(n)
- a. population.
 - b. species.
 - c. fossil.
 - d. individual organism.
- _____ 4. A bird that can easily outcompete other birds for food and that can produce many eggs has a high
- a. life expectancy.
 - b. mutation rate.
 - c. fitness.
 - d. adaptability.
- _____ 5. Which of the following describes natural selection?
- a. It acts on genetic material directly.
 - b. It acts on existing physical traits.
 - c. It forms new traits.
 - d. It forms new genetic material.