

## Chapter 7 Review Questions

1. What is biological diversity?
2. Briefly describe each of the four processes that lead to biological evolution.
3. Read the Closer Look 7.1 on page 120. How is the malaria/mosquito situation a good example of natural selection. In what way does this demonstrate how understanding natural selection is pertinent to environmental science?
4. What is demonstrated by Figure 7.4?
5. How many species are there on earth?
6. How does the example of the American Gray squirrel in Britain a good example of the competitive exclusion principle?
7. Contrast "Habitat" and "niche." What is the difference between a fundamental niche and a realized niche?
8. What is symbiosis? How is the stomach of a reindeer a good example of symbiosis?
9. Be sure you understand the factors identified in Table 7.2.