

## Ecology Reading Guide

1. What is ecology?
2. What is an organism?
3. What is a species? How does the term *species* differ from an organism?
4. How many species are on earth?
5. What is a population? What are some examples?
6. What is a population's genetic diversity?

7. What is a community? How does it differ from a population?

8. What is an ecosystem? What are some examples?

9. What are the major components of an ecosystem?

10. What happens to energy in an ecosystem?

11. What are the biotic and abiotic components of an ecosystem?

12. What is a range of tolerance?

13. What is a limiting factor? What is the limiting factor principle?

14. What is a producer? What are some examples?

15. How can you summarize the chemical reaction photosynthesis?

16. What is a consumer? What are some examples?

17. What is the difference between a primary and a secondary consumer?

18. What role do decomposers and detritivores play in ecosystems?

