

## Ecosystem Research

Name: \_\_\_\_\_ Period: \_\_\_\_\_

Please use your book and other resources to help you answer the following questions about the ecosystem you have chosen.

1. Name of Ecosystem (Biome): \_\_\_\_\_
2. List 10 abiotic factors in your ecosystem.
3. Choose 4 of the factors above and explain how they influence the biotic factors in your ecosystem.
4. Choose 2 of the factors from question 2 and explain how they influence 2 other abiotic factors.
5. List 10 biotic organisms in your ecosystem.
6. Choose 3 of the organisms above and explain how they influence the abiotic factors in your ecosystem.
7. Choose 4 of the organisms above and explain how they influence another 4 biotic organisms in the ecosystem.

8. Explain the biodiversity of your ecosystem.
9. How are humans influencing your ecosystem? Specifically state how they influence both the biotic and abiotic factors.
  
10. Explain an example of competition in your ecosystem.
  
11. Explain an example of predator-prey interaction in your ecosystem.
  
12. Explain at least 1 symbiotic relationship in your ecosystem.
  
13. Explain the flow of carbon, oxygen, nitrogen, and water in your ecosystem.
  
  
14. What is the most likely limiting factor in your ecosystem?