

Biology - Chapter 4 Study Guide

1. Tell the difference between “weather” and “climate”.
2. List 4 factors that affect “climate”.
3. Describe the “greenhouse effect”.
4. List three gases that help to cause the “greenhouse effect”.
5. List and describe the three main climate zones on the Earth.
6. Describe why winds form.
7. Describe why ocean currents develop.
8. What is a “rain shadow” and how does it come about?
9. Define “biotic factors” and list at least 5 biotic factors.
10. Define “abiotic factors” and list at least 6 abiotic factors.
11. Describe the “niche” for a bullfrog.
12. List three forms of community interaction and describe them.
13. List and describe three types of symbiotic relationships.
14. Define “primary succession” and tell how it could happen.
15. Define “secondary succession” and tell how it could happen.
16. Make a chart that lists 10 biomes, their characteristic climate, 3 examples of wildlife, 2 examples of plants, and where it is found in the world.
17. Define “microclimate”.
18. List three types of freshwater ecosystems.
19. Tell the difference between the photic zone and the aphotic zone.
20. List and describe four types of marine ecosystems.