

Chapter 4 Study Guide

1. What does Euglena do when the chloroplasts are shaded a long time?
2. Name the six kingdoms.
3. How many scientific names can one organism have?
4. To which class do platypus, bear, lion, and cat belong?
5. List and know the levels of classification in order (ex: Kingdom...)
6. What is a scientific name and how is it written?
7. How did Linnaeus classify organism?
8. In which kingdom are plants found?
9. Which is the largest kingdom of bacteria?
10. What are the characteristics of the Kingdom Protista?
11. What are prokaryotes and eukaryotes.
12. What are some examples and characteristics of the Kingdom Animalia?
13. Know how to interpret a branching diagram (cladogram).
14. What are the characteristics of the Kingdom Fungi?
15. What are protozoa?
16. What type of organisms are found near hot vents in the ocean floor?
17. How are bacteria different from all other living things?
18. Who founded taxonomy?
19. Which is the oldest kingdom of bacteria?
20. What is a dichotomous key?