

Skills Worksheet

Directed Reading

Section: The Importance of Classification

Complete each statement by writing the correct term or phrase in the space provided.

1. The practice of naming and classifying organisms is called _____.
2. Biologists use classification systems as a way to organize their _____ of organisms.
3. Linnaeus's two-word system for naming organisms is called _____.
4. The two Latin-like terms in the name for a species is its _____.
5. The common name of *Apis mellifera* is _____.
6. The Linnaean system of classification groups organisms on the basis of their form and _____.
7. Similar species are grouped in a taxonomic category called a(n) _____.

Complete each statement by underlining the correct term or phrase in the brackets.

8. The robin in Great Britain is [the same bird / a different bird] from the robin in North America.
9. The scientific name is the two-part name for a [species / genus].
10. African lions are placed in the [species / genus] *Panthera*.
11. The largest category of modern classification is the [domain / kingdom].
12. The correct abbreviation of the scientific name for modern humans is [*H. sapiens* / *h.s.*].

Directed Reading *continued*

Study the following taxonomic categories. Determine the correct order of the categories from largest to smallest. Write the number of each category in the space provided.

_____ 13. phylum

_____ 14. class

_____ 15. species

_____ 16. family

_____ 17. order

_____ 18. kingdom

_____ 19. genus

_____ 20. domain

Read each question, and write your answer in the space provided.

21. How did biologists name a particular type of organism before the mid-1700s?

22. Explain how the genus and species name of an organism is properly written.
