

Chapter 18 Classification

Vocabulary Review

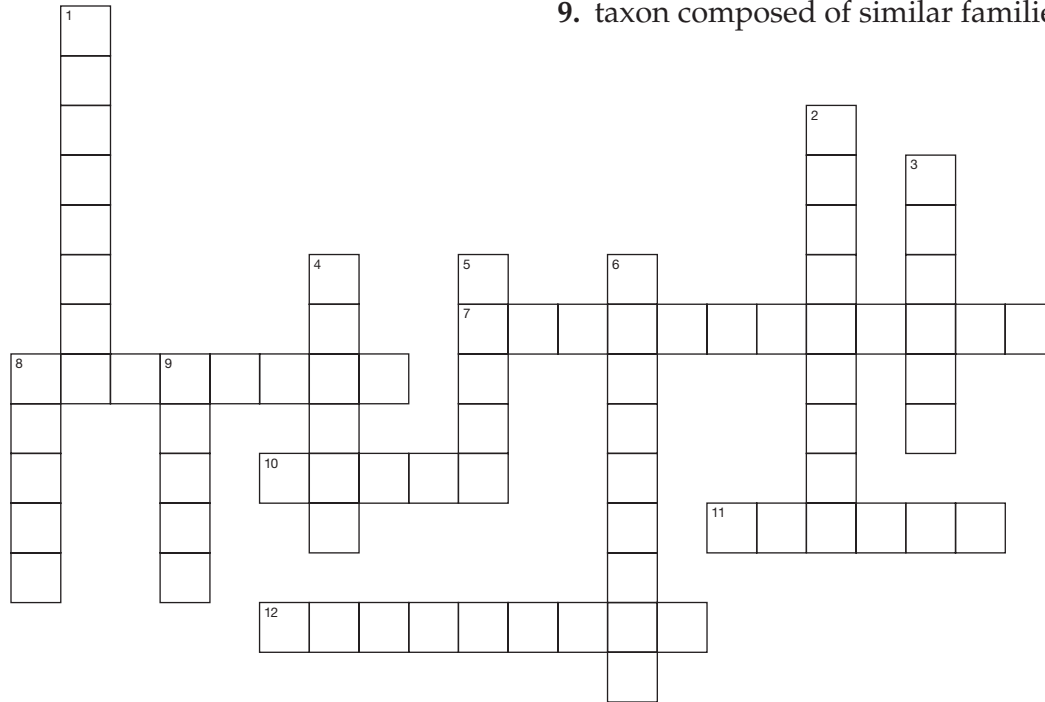
Crossword Puzzle Complete the puzzle by entering the term that matches each numbered description.

Across

- 7. type of classification that is based on evolutionary history
- 8. discipline of classifying and naming organisms
- 10. taxon composed of similar orders
- 11. taxon composed of similar classes
- 12. type of clock that estimates how long species have been evolving independently

Down

- 1. kingdom in the Eukarya domain that includes single-celled autotrophs
- 2. study of evolutionary relationships among organisms
- 3. new taxon that is higher than the kingdom
- 4. taxon composed of similar genera
- 5. taxon composed of closely related species
- 6. diagram based on derived characters
- 8. general term for any level, or category, in a taxonomic system
- 9. taxon composed of similar families



Answering Questions Write one or more sentences to answer each question.

- 13. In what ways are members of the domain Bacteria and the domain Archaea similar?

- 14. Which domain includes only organisms with a nucleus in their cells? _____

- 15. What are two ways that most members of the kingdom Plantae and the kingdom Animalia differ? _____

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