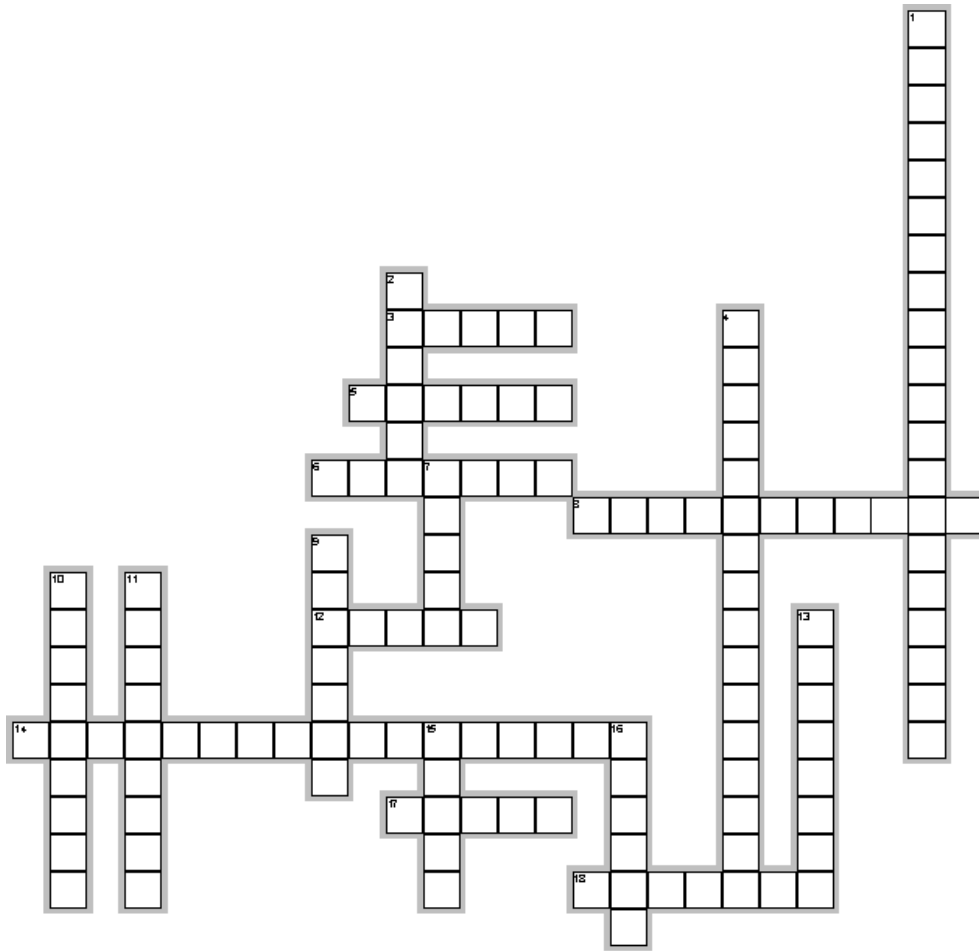


Golenberke Biology Chapter 18 Vocabulary: Classification



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Across

- 3. in classification, a group of closely related families
- 5. in classification, a group of similar genera
- 6. largest and most inclusive group in Linnaean classification
- 8. study of the diversity of life and the evolutionary relationships between organisms
- 12. in classification, a group of closely related orders
- 14. group that consists of a single ancestral species and all its descendants and excludes any organisms that are not descended from that common ancestor (2)
- 17. a group or level of organization into which organisms are classified
- 18. domain consisting of all organisms that have a nucleus; includes protists, plants, fungi, and animals

Down

- 1. classification system in which each species is assigned a two-part scientific name (2)
- 2. larger, more inclusive taxonomic category than a kingdom
- 4. trait that appears in recent parts of a lineage, but not in its older members (2)
- 7. group of closely related species; the first part of the scientific name in binomial nomenclature
- 9. domain consisting of unicellular prokaryotes that have cell walls that do not contain peptidoglycan; corresponds to kingdom archaeobacteria
- 10. diagram depicting patterns of shared characteristics among species
- 11. the evolutionary history of a lineage
- 13. domain of unicellular prokaryotes that have cell walls containing peptidoglycan; corresponds to the kingdom eubacteria
- 15. evolutionary branch of a cladogram that includes a single ancestor and all its descendants
- 16. in classification, a group of closely related classes

WORD BANK

ARCHAEA
BACTERIA
BINOMIAL NOMENCLATURE
CLADE
CLADOGRAM
CLASS

DERIVED CHARACTER
DOMAIN
EUKARYA
FAMILY
GENUS
KINGDOM

MONOPHYLETIC GROUP
ORDER
PHYLOGENY
PHYLUM
SYSTEMATICS
TAXON