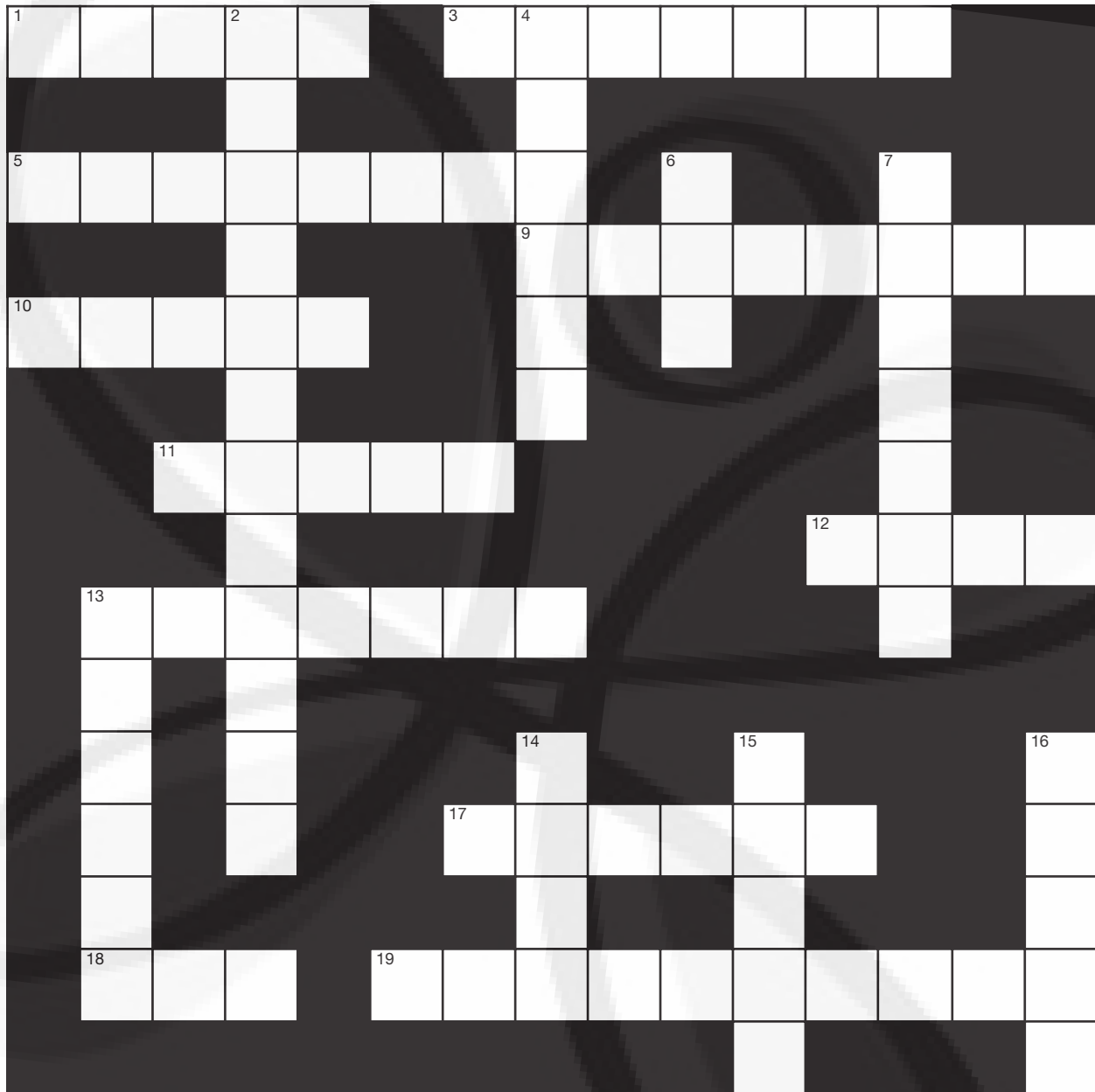


## ACTIVITY: REVIEWING CLASSIFICATION VOCABULARY



### CLUES

#### Across:

1. The category or taxon in the classification system that groups a number of families.

3. The smallest taxonomic unit in the classification system, which includes animals that closely resemble each other and that can interbreed.

5. The term that describes the science of biological classification.

9. The family name (surname) of the man who developed the hierarchical classification system shown in the Animal classification chart.

10. The taxon that groups several species.

11. The current number of categories in the Linnaean classification system.

12. Animals that are classified as herbivores, carnivores, and omnivores are classified according to their \_\_\_\_ (i.e., what they eat).

13. On the Animal classification chart, animals are classified in the \_\_\_\_\_ Animalia.

17. Into which category or taxon do Anatidae, Cavidae, and Hominidae fall?

18. Vertebrate animals are grouped in a category called Vertebrata. This category is not one of the main categories on the Animal classification chart, but rather it is an intermediate category called a \_\_\_-phylum.

19. The new scientific classification system that is not based on hierarchies and which shows relationships between animals is called \_\_\_\_\_.

**Down:**

2. The type of relationships shown in cladograms are \_\_\_\_\_ relationships. (Clue: Charles Darwin studied this subject.)

4. Arthropoda and Chordata are examples of which taxon in the Linnaean classification system?

6. The genetic material of animals (abbreviation).

7. Scientists used to classify animals according to their anatomical features, but now, more accurate \_\_\_\_\_ techniques are available.

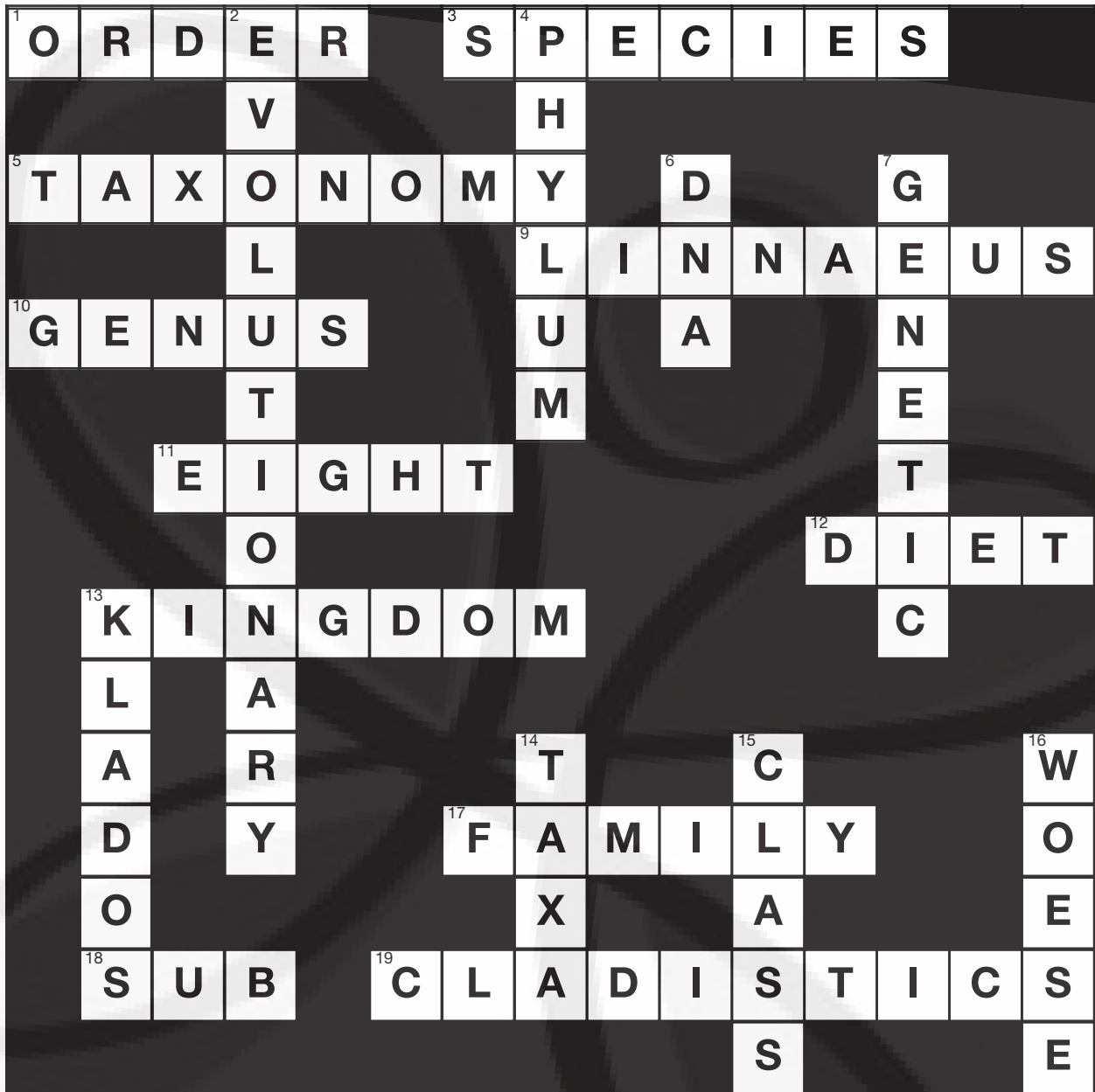
13. The Greek word meaning “branch” from which the name for clades is derived.

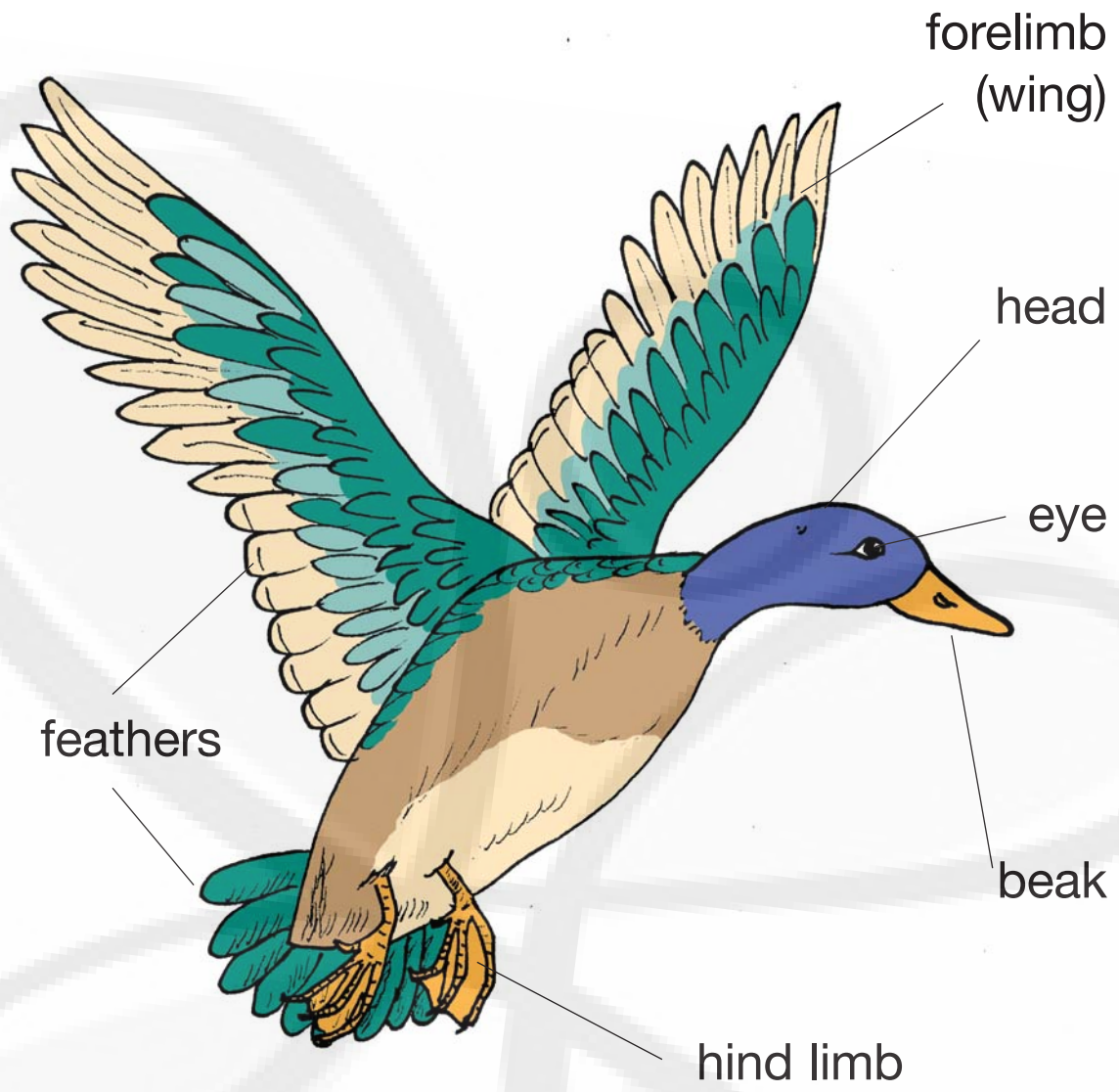
14. The name for the groups or categories of the Linnaean classification system.

15. Insecta, Mammalia, and Reptilia are all examples of which taxonomic category?

16. The family name (surname) of the US microbiologist who introduced the eighth category, the domain, to the Linnaean classification system.






## Classification Crossword Puzzle Answer Sheet





*Diagram showing the distinguishing features of a bird*

## Types of bird bills

Bill shape	Example	Illustration
small, thick, conical-shaped for cracking seeds	finch, cardinal	
long and slender for reaching into flowers and sucking nectar	hummingbird	
flat with a straining mechanism at the edges for catching small food items	duck, goose	
straight and slim for eating insect or plant matter	blackbird, chickadee, robin	
sharp, sturdy, and hooked for tearing flesh	owl, eagle, hawk	
spear-shaped for fishing	kingfisher, heron	