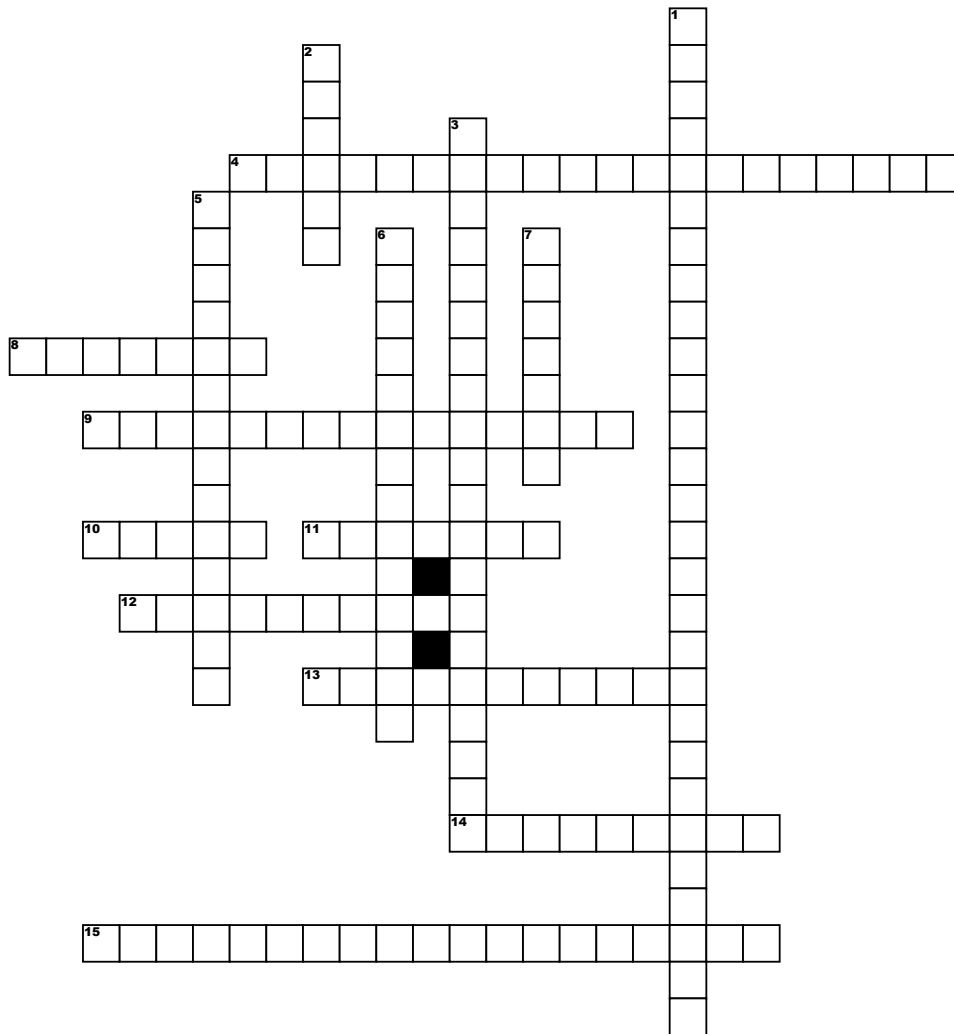


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# classification vocabulary



## **Across**

**4.** shows how scientists think different groups of organisms are related.

**8.** Organisms are classified into three Domains

**9.** Father of Taxonomy

**10.** a taxonomic rank used in the biological classification of living and fossil organisms,

**11.** the solid part of the head of a comet.

**12.** a cell containing a nucleus

**13.** a cell that lacks a nucleus

**14.** change in the heritable characteristics of biological populations over successive generations.

**15.** the independent evolution of similar features in species of different lineages.

## **Down**

**1.** A trait that is shared by a group of organisms but not by a distant common ancestor.

**2.** the highest taxonomic rank of organisms

**3.** 2-word system developed by Carolus Linnaeus to name species;

**5.** the identification of organisms based on a series of choices between alternative characters

**6.** Grouping of objects based on similarities.

**7.** a class of individuals having common attributes and designated by a common name

## **Word Bank**

species

shared derived characteristics

domain

kingdom

Nucleus

Carolus Linnaeus

evolution

genus

Binomial Nomenclature

Prokaryotic

branching tree diagram

dichotomous key

Classification

convergent evolution

Eukaryotic