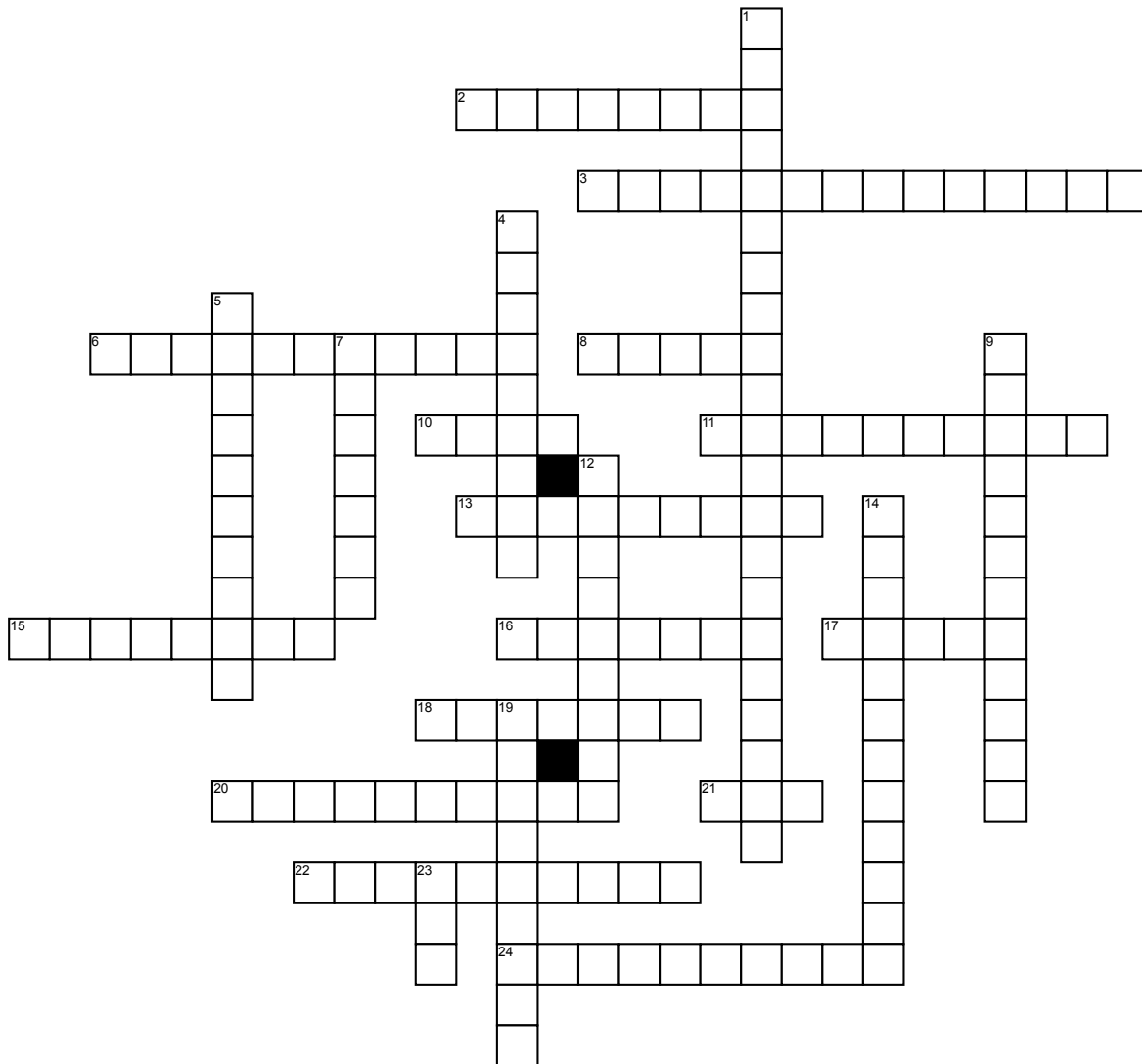


# Biology



## Across

- 2.** Extension of the cell body of a neuron that carries impulses from the environment or from other near as toward the cell body
- 3.** Process by which plants and some other organisms use light energy to convert water and carbon dioxide in the oxygen and high-energy carbohydrates such as sugars and starches
- 6.** Principal pigment of plants and other photosynthetic organisms; captures light energy
- 8.** Group of ecosystems that have the same climate and dominant communities
- 10.** Long fiber that carries impulses away from the cell body of a neuron
- 11.** Unicellular organism lacking a nucleus
- 13.** Organism that can capture energy from sunlight or chemicals and use it to produce its own food from inorganic compounds; also called a producer

- 15.** Largest part of a typical neuron; contains the nucleus and much of the cytoplasm
- 16.** Cell that carries messages throughout the nervous system
- 17.** Collection of living matter enclosed by a barrier that separates the cell from its surroundings; basic unit of all forms of life
- 18.** Group of similar organisms that can breed and produce fertile offspring
- 20.** Idea that all living things are composed of cells, cells are the basic unit of structure and function in living things, and new cells are produced from existing cells
- 21.** Large protein that use energy from H plus ions to buy ADP and a phosphate group together to produce ATP
- 22.** Domain of all organisms whose cells have nuclei, including protest, plants, fungi, and animals
- 24.** Saclike photosynthesis membrane found in chloroplasts

## Down

- 1.** One of the principal chemical compound that living things use to store and release energy
- 4.** Small dense region within most nuclei in which the assembly of proteins begin
- 5.** Group of individuals of the same species that live in the same area
- 7.** Light absorbing molecules
- 9.** Light collecting units of chloroplast
- 12.** Assemblage of different populations that live together in a defined area
- 14.** Organism that obtains energy from the food it in soon; also called the consumer
- 19.** Collection of all the organisms that live in a particular place together with their nonliving environment
- 23.** An organic compound that is composed of a dental scene and two phosphate groups