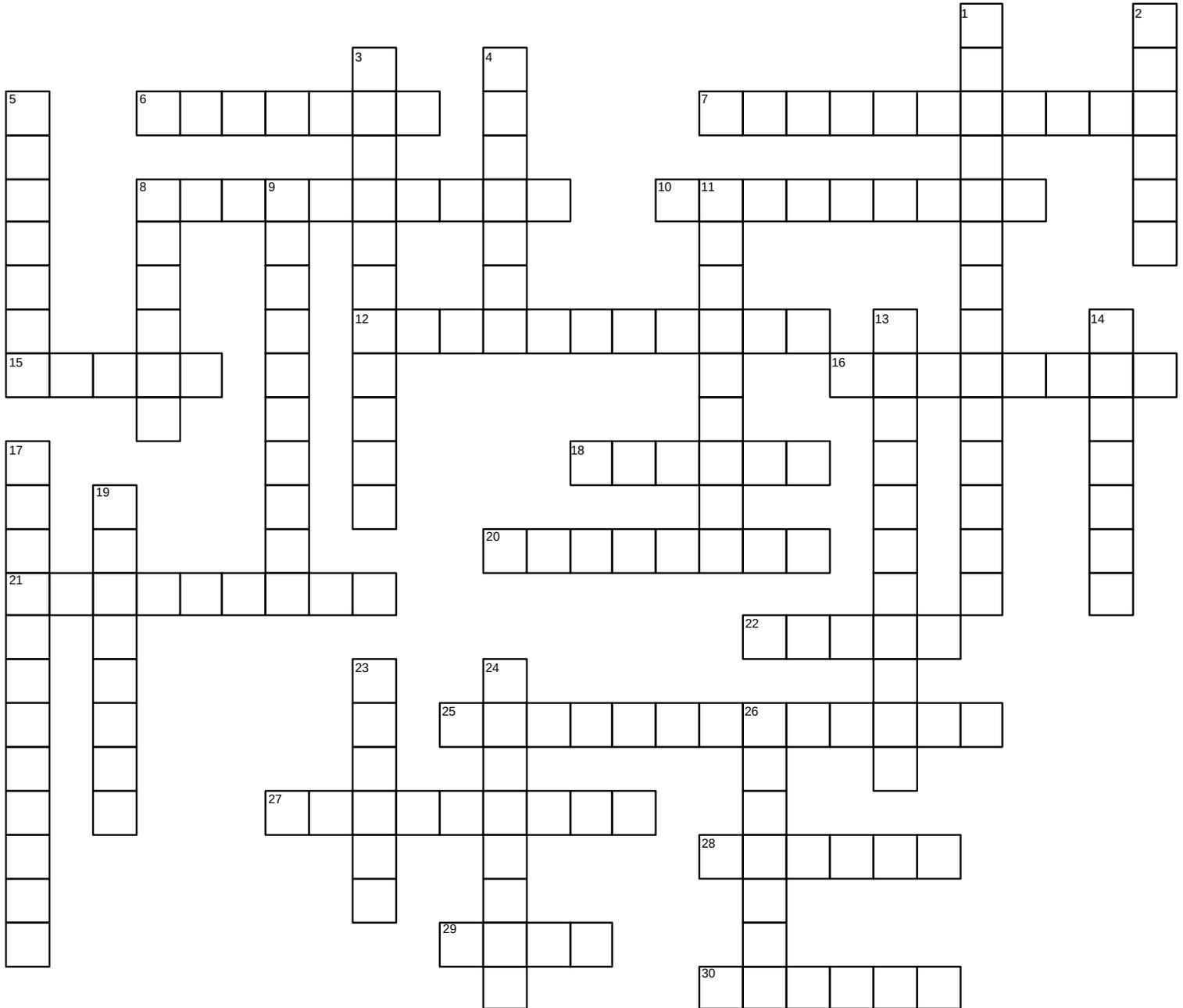


Apologia Biology Module 11: The Invertebrates of Kingdom Animalia

Vocabulary from Module 11 of Exploring Creation with Biology (2nd Ed.)

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Clues for “The Invertebrates of Kingdom Animalia”

Exploring Creation with Biology (Vol. 2) – Module 11

ACROSS

- 6 Masses of nerve cell bodies
- 7 Animals that possess a backbone
- 8 The jellylike substance that separates the epidermis from the inner cells in a sponge
- 10 An organism possesses _____ symmetry if it can be cut into two identical halves by any cut that runs through the organism's center.
- 12 Cells that move using pseudopods and perform a variety of functions in animals
- 15 A tough, multilayered structure secreted by the mantle, generally used for protection, but sometimes for body support
- 16 The jelly-like substance that separates the epithelial cells in a cnidarian
- 18 An organism possesses _____ symmetry if it can be cut into two identical halves by any longitudinal cut through its center.
- 20 The _____ hump contains a mollusk's heart, digestive, and excretory organs.
- 21 An outer layer of cells designed to provide protection
- 22 The sessile, tubular form of a cnidarian with a mouth and tentacles at one end and a basal disk at the other
- 25 Animals that lack a backbone
- 27 An organism possesses _____ symmetry if it can only be cut into two identical halves by a single longitudinal cut along its center which divides it into right and left halves.
- 28 An organ covered with teeth that mollusks use to scrape food into their mouths
- 29 A muscular organ that is used for locomotion and takes a variety of forms depending on the animal
- 30 A free-swimming cnidarian with a bell-shaped body and tentacles

DOWN

- 1 Possessing both the male and the female reproductive organs
- 2 Organs that produce sperm
- 3 The _____ system is designed to transport food and other necessary substances throughout a creature's body.
- 4 A cluster of cells encased in a hard, spicule- reinforced shell
- 5 Organs that produce eggs
- 8 A sheath of tissue that encloses the vital organs of a mollusk, secretes its shell, and performs respiration
- 9 Animal tissue consisting of one or more layers of cells that have only one free surface, because the other surface adheres to a membrane or other substance
- 11 The _____ end of an animal contains its tail. 13 Small capsules that contain a toxin which is injected into prey or predators
- 14 The _____ system is a system of sensitive cells that respond to stimuli such as sound, touch, and taste.
- 17 The ability to regrow a missing part of the body
- 19 An organism with a single shell
- 23 Flagellated cells that push water through a sponge are called _____ cells.
- 24 The _____ end of an animal contains its head.
- 26 An organism with two shells