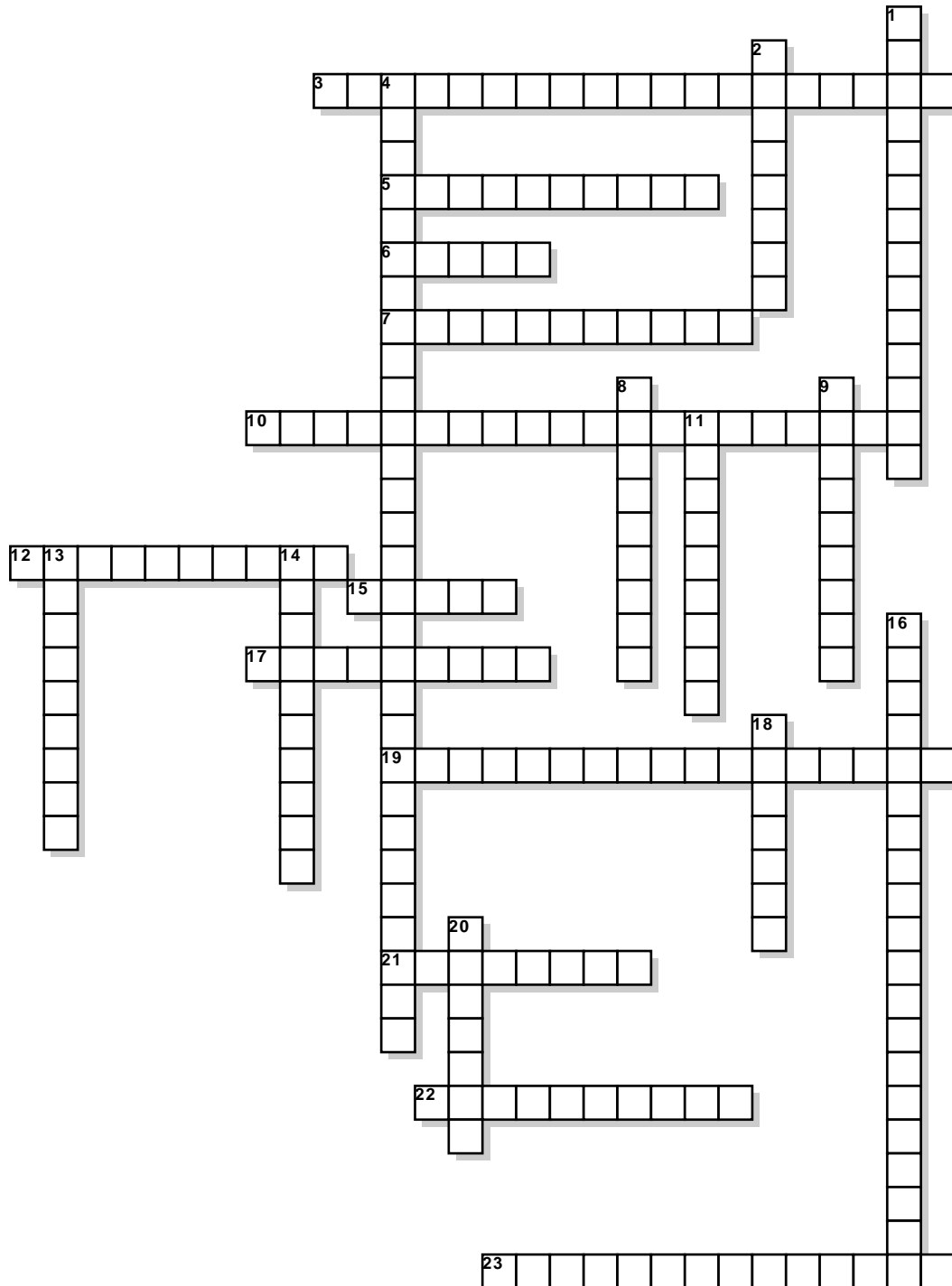


Biology Crossword Puzzle 4-2



Across

- 3 Type of succession that occurs in an area that was only partially destroyed by disturbances.
- 5 Layer of permanently frozen subsoil found in the tundra.
- 6 Biome with long cold winters and a few months of warm weather; dominated by coniferous evergreens; also called boreal forest.
- 7 Very short cold summers and very long and extremely cold winters with strong winds and little precipitation. contains permafrost.
- 10 Made of a mix of deciduous and evergreen trees. fertile soils with rich humus layers. 4 seasons with warm summers and cold winters.
- 12 Term used to refer to trees that produce seed-bearing cones and have thin leaves shaped like needles.
- 15 Material formed from decaying leaves and other organic matter.
- 17 Interaction in which one animal feeds on producers.
- 19 Succession that occurs in an area in which no trace of a previous community is present.
- 21 Microscopic organisms that live in aquatic environments, includes both phytoplankton and zooplankton.
- 22 Symbiotic relationship in which one organism lives on or in another organism and harms it.
- 23 Area that is submerged at high tide but exposed at low tide.

Down

- 1 First species to populate an area during succession.
- 2 Any necessity of life, such as water, nutrients, light, food, or space.
- 4 Principle that states that no two species can occupy the same niche in the same habitat at the same time.
- 8 Interaction in which one organism captures and feeds on another organism
- 9 Ability of an organism to survive and reproduce under circumstances that differ from their optimal conditions
- 11 Relationship in which two species live close together.
- 13 Deep oceans that extend between continental shelves. contains both photic and aphotic zones.
- 14 Layer in a forest found underneath the canopy formed by shorter trees and vines.
- 16 Series of gradual changes that occur in a community following a disturbance.
- 18 Ecosystem in which water either covers the soil or is present at or near the surface for at least part of the year.
- 20 Area where an organism lives, including the biotic and abiotic factors that affect it.

Possible Answers:

competitive exclusion principle, coniferous, ecological succession, habitat, herbivory, humus, intertidal zone, open ocean, parasitism, permafrost, pioneer species, plankton, predation, primary succession, resource, secondary succession, symbiosis, taiga, temperate forest biome, tolerance, tundra biome, understory, wetland