



Ecosystems and the Biosphere: Biomes of the World

A crossword puzzle grid with 39 numbered starting points for words. The grid is composed of black and white squares. The numbers are placed in the top-left corner of the starting square for each word.

- 1: Down, 1 square
- 2: Across, 4 squares
- 3: Down, 4 squares
- 4: Down, 10 squares
- 5: Down, 3 squares
- 6: Down, 10 squares
- 7: Down, 3 squares
- 8: Down, 3 squares
- 9: Across, 11 squares
- 10: Down, 4 squares
- 11: Across, 5 squares
- 12: Across, 10 squares
- 13: Down, 3 squares
- 14: Down, 3 squares
- 15: Across, 12 squares
- 16: Across, 10 squares
- 17: Down, 4 squares
- 18: Down, 3 squares
- 19: Down, 3 squares
- 20: Across, 10 squares
- 21: Down, 4 squares
- 22: Across, 5 squares
- 23: Down, 3 squares
- 24: Across, 3 squares
- 25: Down, 3 squares
- 26: Across, 10 squares
- 27: Down, 4 squares
- 28: Down, 3 squares
- 29: Down, 3 squares
- 30: Across, 3 squares
- 31: Down, 3 squares
- 32: Across, 10 squares
- 33: Across, 11 squares
- 34: Down, 3 squares
- 35: Across, 3 squares
- 36: Across, 12 squares
- 37: Across, 5 squares
- 38: Across, 4 squares
- 39: Across, 7 squares



Clues



Across

- 2 In Africa, grasslands are known by this name.
- 9 Plant-like organisms that are the producers in aquatic ecosystems.
- 11 A cold and largely treeless biome.
- 12 A lake that is rich in organic matter and vegetation, but is oxygen-poor. (2 Words)
- 15 This is the most productive of all biomes. (3 Words)
- 16 This biome is dominated by grasses. (2 Words)
- 20 This type of lake contains little organic matter, but is relatively high in oxygen content. (2 Words)
- 22 An ecosystem in which water either covers the soil or is present at or near the surface of the soil for at least part of the year.
- 24 This area looks like a flooded forest.
- 26 A process by which nutrients, particularly phosphorus and nitrogen, become highly concentrated in a body of water.
- 30 These are wetlands that are dominated by mosses, usually in depressions where water collects. Often very acidic.
- 32 The cold and dark part of the ocean that receives no sunlight. (2 Words)
- 33 This area releases water that is rich in minerals and often exceeds 750 degrees Celsius. (2 Words)
- 35 A large region characterized by a specific type of climate and certain types of plant and animal communities.
- 36 This biome has a stable, year-round growing season and abundant rainfall. (3 Words)
- 37 This biome receives less than 10 inches of rain a year.
- 38 This biome has bitterly cold winters, but the summers are mild and long enough to allow the ground to thaw.
- 39 Communities of small, free-floating organisms that can live in both fresh and salt water.

Down

- 1 The deep water of the open ocean that begins at the edge of the continental shelf and extends outward. (2 Words)
- 3 The largest and northernmost biome.
- 4 This biome is characterized by trees that lose all of their leaves in the autumn months. (3 Words)
- 5 This is an area along ocean shorelines that is repeatedly covered and uncovered by ocean tides. (2 Words)
- 6 This biome has a high risk of fire because of the growth of dense low plants and the hot dry summer.
- 7 Small plants, such as mosses and orchids, that live in the branches of trees.
- 8 This biome is characterized by permafrost.
- 10 A tropical or subtropical grassland with scattered trees and shrubs that has alternating wet and dry seasons.
- 12 This area occurs where freshwater rivers and streams flow into the sea.
- 13 A body of water that flows down a gradient or slope toward its mouth.
- 14 This biome is just south of the tundra.
- 16 This biome has rich and fertile soils and can support large herds of grazing animals. (2 Words)
- 17 The ability to survive and reproduce under conditions that differ from optimal conditions.
- 18 This area of the ocean is relatively shallow and extends outward over the continental shelf. (2 Words)
- 19 These areas are shallow wetlands along rivers. They often contain cattails, rushes and other tall grasses.
- 21 This forested biome is dominated by cone-bearing trees.
- 23 The part of the ocean that receives sunlight is known as the? (2 Words)
- 25 In North America, grasslands are known by this name.
- 27 The ocean floor. (2 Words)
- 28 Animal-like organisms that are primary consumers of phytoplankton.
- 29 This type of tree loses all of its leaves in the winter.
- 31 A strong current that brings nutrients up from the ocean floor.
- 34 Plants in this biome must have adaptations to help reduce water loss.