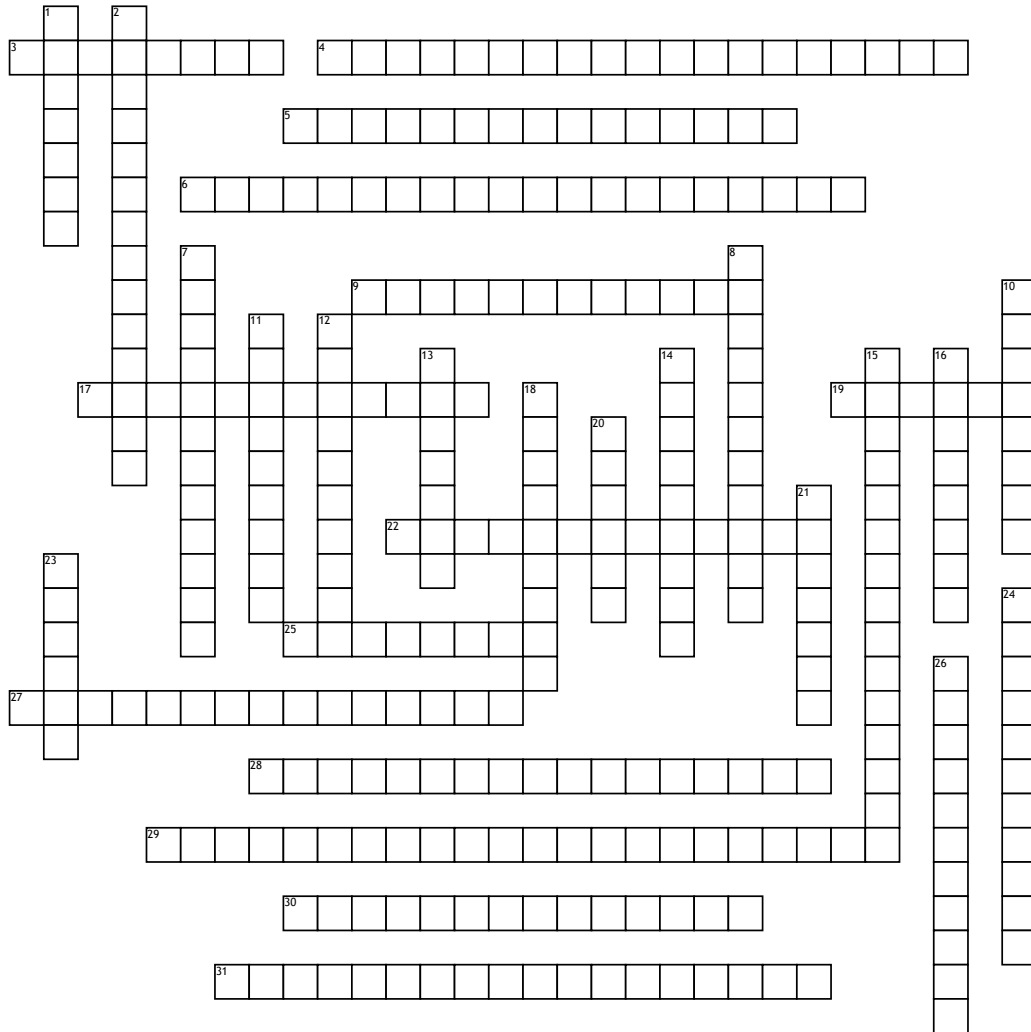


Name: _____

Date: _____

Chapter 3



Across

3. tiny marine or freshwater organisms that serve as a food source for many fish species; often autotrophic
 4. orderly change that occurs in a place where soil remains after a community of organisms has been removed
 5. stable, mature ecological community with little change in the composition of species
 6. process by which one community replaces another community because of changing abiotic and biotic factors
 9. area of a lake or pond closest to the shore
 17. biome south of the tundra with dense evergreen forests and long, cold, dry winters
 19. water-saturated land area that supports aquatic plants
 22. deepest, coldest area of a large lake with little light and limited biodiversity
 25. material deposited by water, wind, or glaciers
 27. biome characterized by grasses and scattered trees, and herd animals such as zebras and antelopes
 28. establishment of a community in an area of bare rocks or bare sand, where no topsoil is present

29. biome characterized by deciduous and evergreen trees, a dry season, and animal species that include monkeys, elephants, and Bengal tigers

30. biotic or abiotic factor that restricts the number, distribution, or reproduction of a population within a community

31. a hot, wet biome with year-round humidity; contains Earth's most diverse species of plants and animals

Down

1. average weather conditions in a specific area, determined by latitude, elevation, ocean currents, and other factors
 2. narrow band of shoreline where the ocean and land meet that is alternately submerged and exposed and is home to constantly changing communities
 7. well-lit, open-water area of a lake or pond
 8. ocean-floor area consisting of sand, silt, and dead organisms
 10. biome characterized by small trees and mixed shrub communities
 11. organism's ability to survive biotic and abiotic factor
 12. open-ocean one shallow enough for sunlight to penetrate

13. unique transitional ecosystem that supports diverse species and is formed where freshwater and ocean water merge

14. biome characterized by fertile soils with a thick cover of grasses

15. biome south of the boreal forest characterized by broad-leaved, deciduous trees, well-defined seasons, and average yearly precipitation of 75-150 cm

16. distance of a point on Earth's surface north or south of the equator

18. group of interacting populations that live in the same geographic area at the same time

20. treeless biome with permanently frozen soil under the surface and average yearly precipitation of 15-25 cm

21. atmospheric conditions such as temperature and precipitation at a specific place and time

23. area with low rainfall, whose annual rate of evaporation exceeds its annual rate of precipitation; can support cacti and some grasses and animal species such as snakes and lizards

24. open-ocean zone through which sunlight cannot penetrate

26. deepest, very cold region of the open ocean

Word Bank

tropical savanna

intertidal zone

abyssal zone

ecological succession

tundra

limnetic zone

wetland

estuary

climate

grassland

temperate forest

desert

primary succession

tropical seasonal forest

limiting factor

boreal forest

photic zone

plankton

tropical rain forest

latitude

woodland

profundal zone

aphotic zone

community

climax community

secondary succession

benthic zone

littoral zone

tolerance

sediment

weather