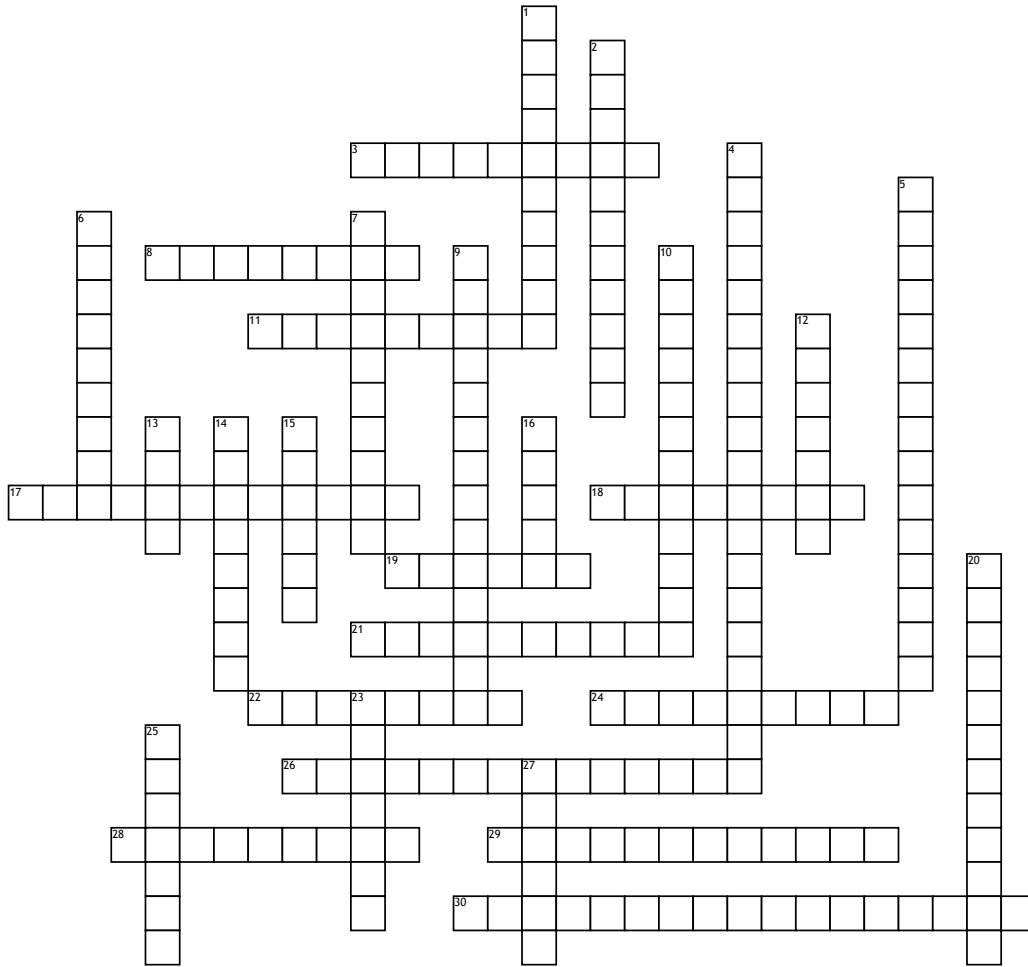


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Puzzle #1



**Across**

- 3. a geographic area where plants, animals, and other organisms, as well as weather and landscapes, work together to form a bubble of life.
- 8. An organism that preys upon other organisms.
- 11. an interaction between individuals of different species that results in positive (beneficial) effects on per capita reproduction and/or survival of the interacting populations
- 17. protects the environment from harmful human activities
- 18. an organism that makes its own food
- 19. a composite organism that emerges from algae or cyanobacteria living among the filaments
- 21. An approach to maintaining or restoring the composition, structure, function, and delivery of services of natural and modified ecosystems
- 22. any organism that can't make its own food
- 24. an ecological relationship between two species that live in close proximity to each other
- 26. the controlled application of fire by a team of fire experts under specified weather conditions to restore health to ecosystems that depend on fire

- 28. describes who eats whom in the wild
  - 29. an intraspecific relationship in which one species obtains benefits such as food, shelter, or locomotion from another species
  - 30. type of ecological succession (the evolution of a biological community's ecological structure) in which plants and animals first colonize a barren, lifeless habitat
- Down**
- 1. a symbiosis in which one organism, the parasite, causes harm to another, the host
  - 2. the production by an organism of substances inhibitory or harmful to other organisms
  - 4. occurs when the severity of disturbance is insufficient to remove all the existing vegetation and soil from a site
  - 5. an organism that helps define an entire ecosystem
  - 6. species that originated somewhere other than its current location
  - 7. a group of individuals of the same species living and interbreeding within a given area
  - 9. The binomial name assigned to a species of an organism

- 10. A plant community that is dominated by trees representing the last stage of natural succession for that specific locality and environmentally
- 12. represents feeding relationships within a community
- 13. the animals eaten by other animals
- 14. - an organism that causes ecological or economic harm in a new environment where it is not native
- 15. a species that originated and developed in its surrounding habitat and has adapted to living in that particular environment
- 16. a large area characterized by its vegetation, soil, climate, and wildlife
- 20. the care and protection of resources so that they can persist for future generations
- 23. a group of organisms that can reproduce naturally with one another and create fertile offspring
- 25. a non-living part of an ecosystem that shapes its environment
- 27. a living organism that shapes its environment

**Word Bank**

parasitism	commensalism	Abiotic	conservation	scientific name
ecosystem	population	consumer	Biotic	species
native	keystone species	prescribed burn	secondary succession	management
primary succession	predator	food web	food chain	symbiosis
lichen	producer	nonnative	allelopathy	mutualism
Biome	climax forest	prey	preservation	invasive