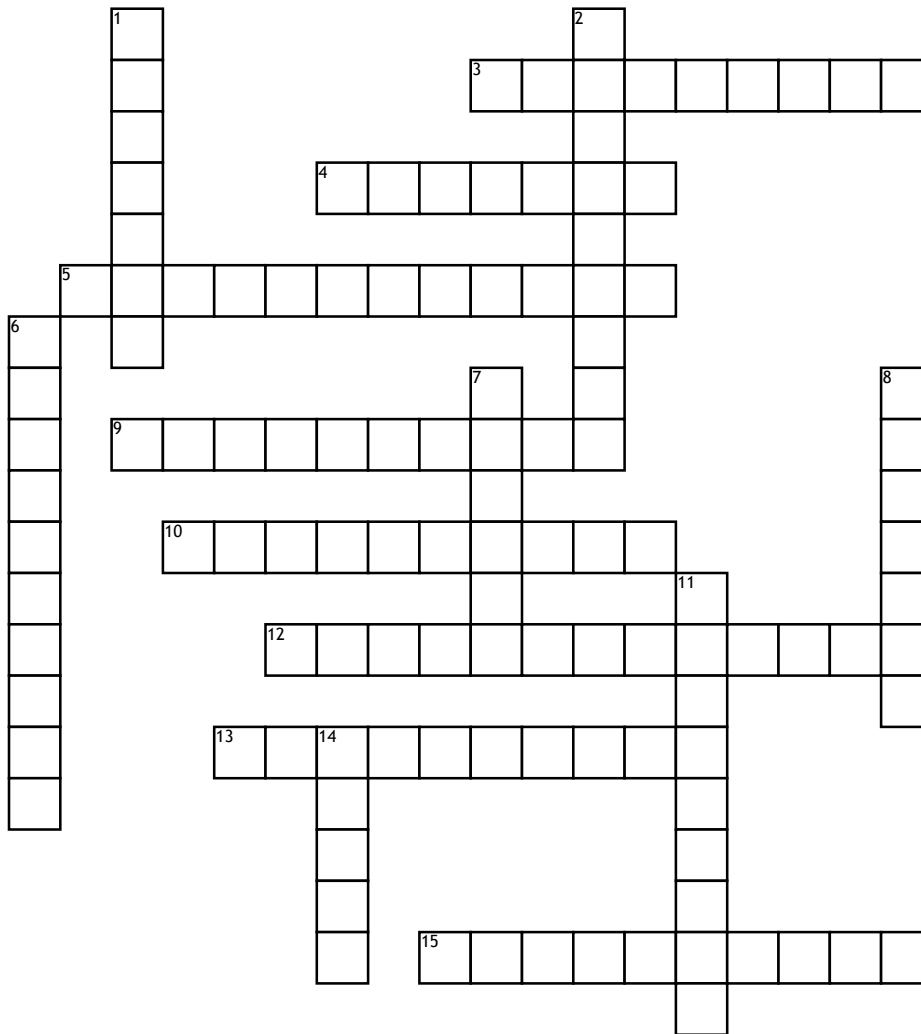


Changing Environmental Conditions



Across

- 3. boundary where two plates are moving apart
- 4. remains or traces of ancient life that have been preserved through natural processes
- 5. the variety of life in a given area
- 9. an alteration or change in the structure or function of an organism that makes it better suited for its environment, must be heritable
- 10. number of organisms of the same species in a given area

- 12. underwater mountain range caused by magma pushing up the oceanic crust and moving the plates away from each other
- 13. state or process in which a species completely dies out
- 15. boundary where two plates are moving towards each other

Down

- 1. nonliving things that shape an ecosystem like temperature, solar exposure, soil, minerals, etc.
- 2. the process by which different kinds of living organisms are thought to have developed and diversified from earlier forms during the history of the earth.

- 6. ancient extinct marine arthropods (like crabs and lobsters)
- 7. living things that shape an ecosystem like plants, bacteria, prey, predators, etc.
- 8. a distinct group of similar organisms that can interbreed and form offspring
- 11. boundary where two plates are moving past each other in opposing directions
- 14. a quality or characteristic determined by genes

Word Bank

- | | | | | |
|------------|------------|------------|---------------|--------------|
| convergent | fossils | adaptation | midoceanridge | biodiversity |
| evolution | trilobites | divergent | transform | abiotic |
| extinction | population | trait | species | biotic |