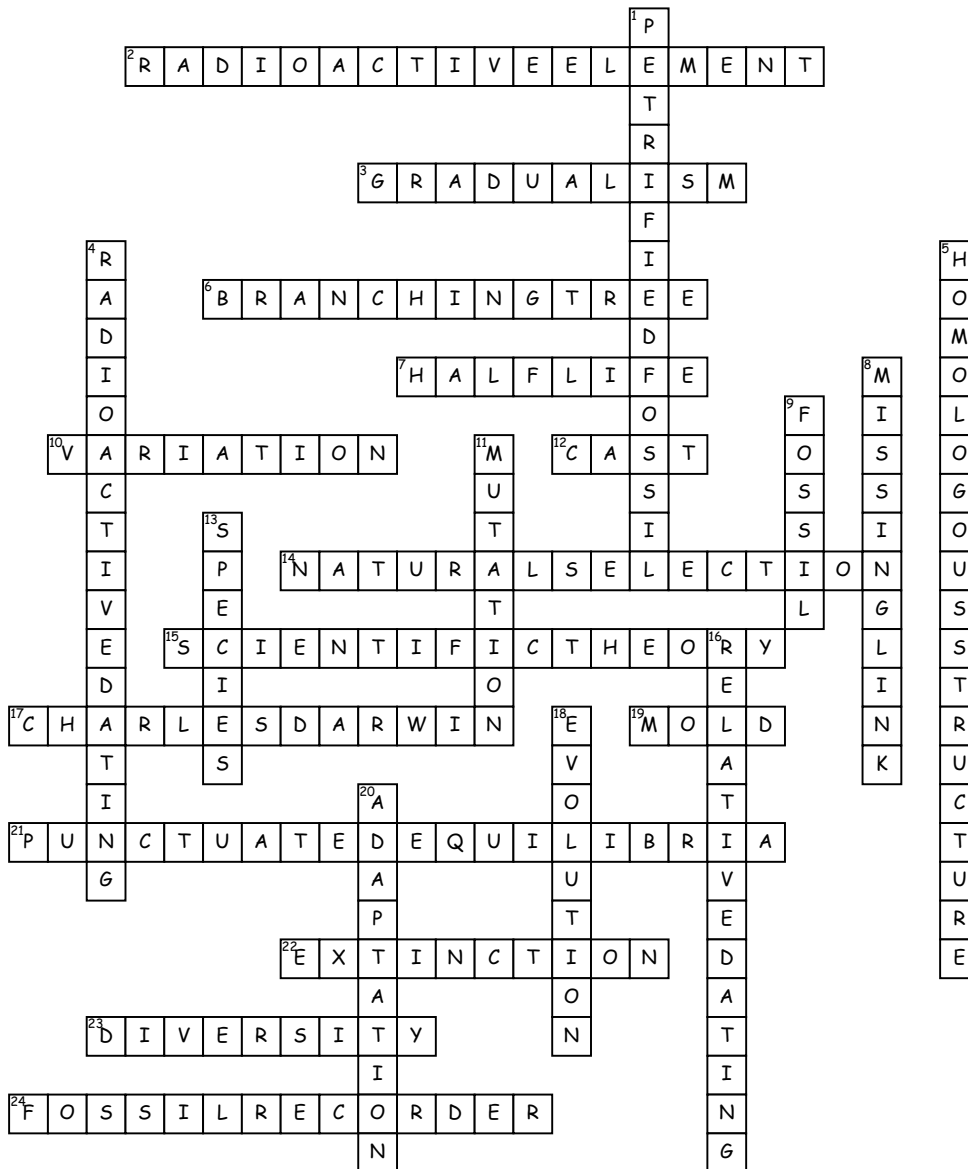


evolution relearn



Across

2. an unstable element that breaks down into a different element
3. The theory that evolution occurs slowly but steadily
6. a diagram showing how scientists think different groups of organisms are related.
7. The time it takes for half of atoms in a radioactive element to decay
10. any difference between individuals of the same species
12. a type of fossil that forms when a mold becomes filled with mineral that then hardens
14. a process by which individuals that are better adapted to their environment are more likely to survive and reproduce than others that are not
15. a well-tested concept that explains a wide range of observations
17. British naturalist who formulated the theory of evolution by natural selection

19. A type of fossil formed when a shell or other hard part of an organism dissolves, leaving an empty space in the shape of the part.

21. The theory that species evolve during short periods of rapid change.

22. the disappearance of all members of a species from earth

23. that variety of organisms that inhabit the earth

24. the million fossil that scientists have collected

Down

1. a fossil formed when minerals replace all or part of an organism

4. process where scientists look at the half-life of chemical contained in rocks around a fossil to determine the age of fossil

5. similar structure that related species have inherited from common ancestor

8. gaps in the fossil record

9. The preserved remains or traces of an organism that lived in the past

11. Any change of DNA in the organism

13. A group of organisms that are physically similar and can mate with each other and produce offspring that can also mate and reproduce

16. A technique used to determine which of two fossils is older

18. the gradual change in species over time

20. behavior or physical characteristic that allows an organism to survive and reproduce in its environment