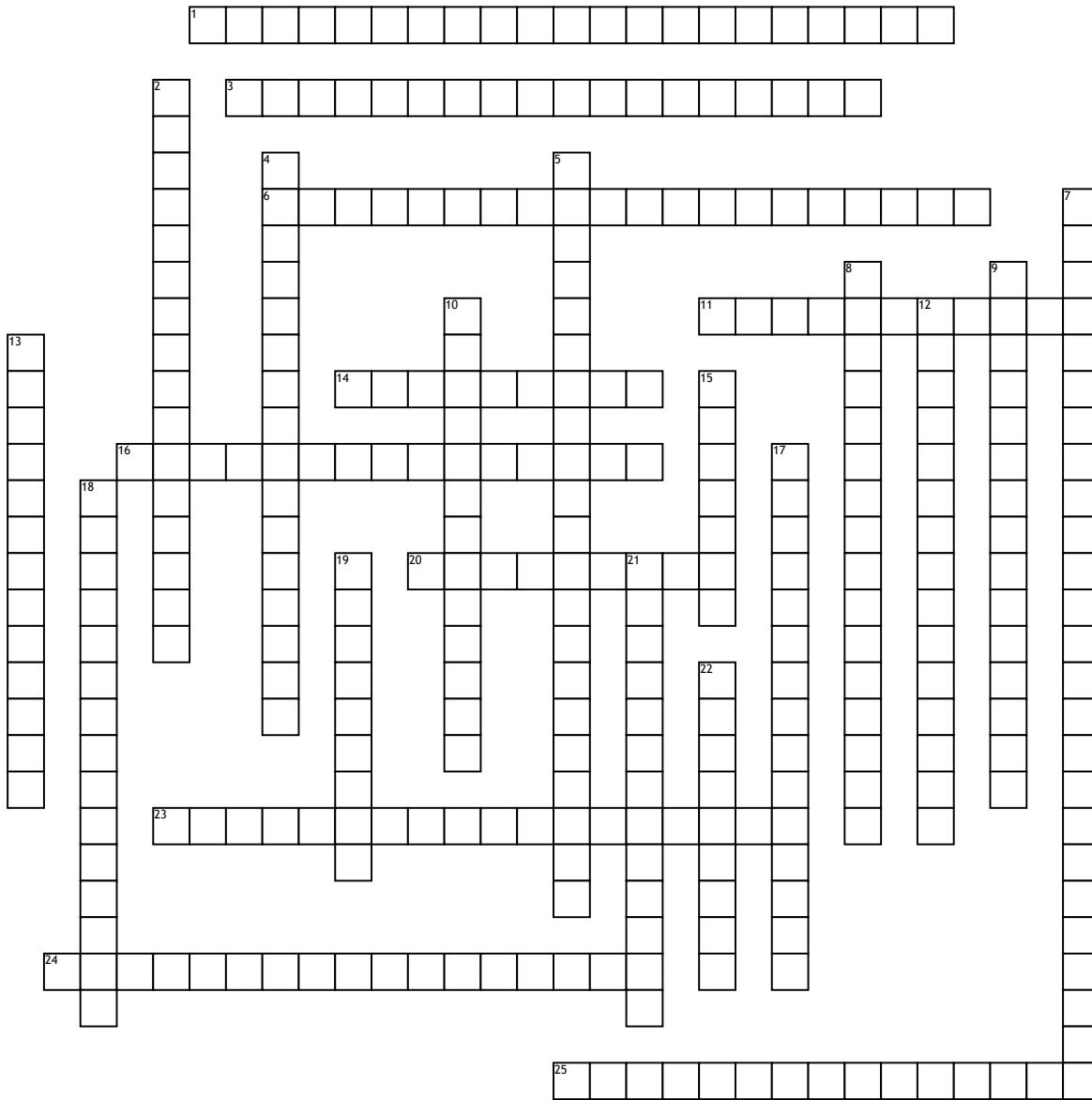


Biology Chapter 54



Across

1. The phenomenon where differences among similar species whose distributions overlap geographically are accentuated in regions where the species co-occur, but are minimized or lost where the species' distributions do not overlap
3. Camouflage
6. The differentiation of niches that enables similar species to coexist in a community
11. An event which changes a community by changing resource availability or by removing organisms
14. The transfer of food energy up the trophic levels from its primary producers to decomposers
16. A species that has a disproportionately large effect on its environment relative to its abundance

20. Disease causing microorganisms
23. The evaporation of water from soil plus the transpiration of water from plants
24. The proportion of each species represents of all the individuals in the community
25. The number of different species in a community

Down

2. The variety of different kinds of organisms that make up the community
4. The feeding relationships between organisms of a community
5. Warning colouration
7. Includes parasitism, mutualism, and commensalism
8. Multiple unpalatable species mimic each other

9. A species which is not native to a location
10. Parasites that live within the host's body
12. A harmless species mimics a harmful one
13. Postulates a unidirectional influence from lower to higher trophic levels
15. The total mass of all individuals in a population
17. The sum of a species' use of the biotic and abiotic resources in its environment
18. The species with the highest biomass
19. A group of populations of different species living close enough to interact
21. Parasites that feed on the external surface of a host
22. When an organism eats a plant or alga