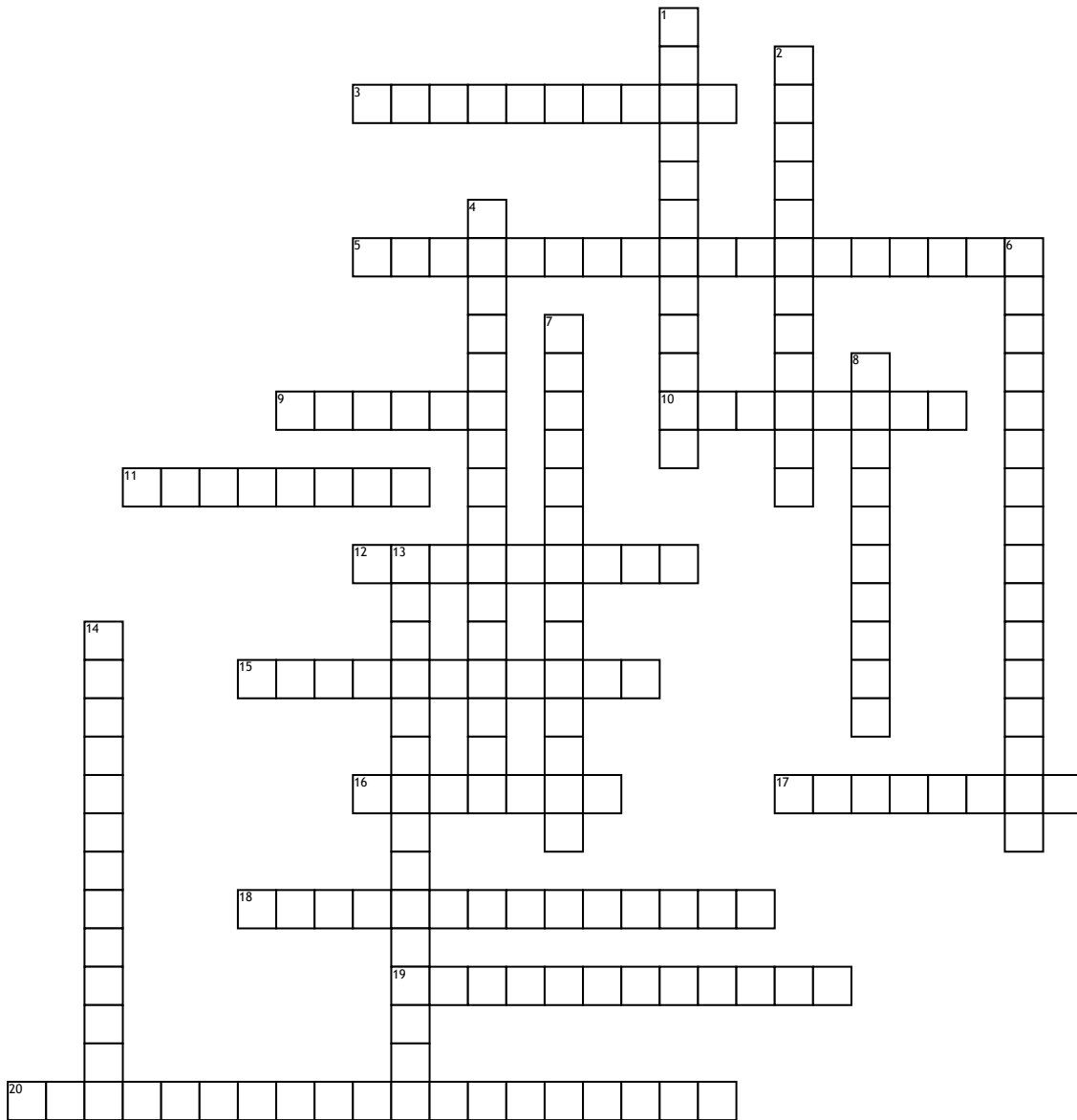


Honors Biology



Across

- 3. The irrevocable loss of a species
- 5. Occurs when natural selection maintains stable frequencies of two or more phenotypic forms in a population
- 9. Layers
- 10. Similarity in characteristics that result from common ancestry
- 11. Total collection of genes in a population at any one time
- 12. The change in characteristics over several generations
- 15. The process of change by which an organism or species becomes better suited to its environment

16. The contribution an individual makes to the gene pool

- 17. A change in the nucleotide sequence of DNA
- 18. Evolution is occurring on its smallest scale
- 19. A change in the gene pool of a Population due to chance
- 20. The intentional breeding of plants and animals

Down

- 1. Geographic distribution of species
- 2. The sequence in which fossils appear within layers of sedimentary rock

- 4. The process whereby organisms better adapted to their environment tend to survive and produce more offspring
- 6. Many of the nucleotide differences found in noncoding sequences of DNA appear to confer no selective advantage or disadvantage
- 7. Scientists who study fossils
- 8. A group of individuals of the same species living in the same place at the same time
- 13. Structures that are of marginal or no importance to the organism
- 14. Differences in the gene pool of a small colony compared with the original population