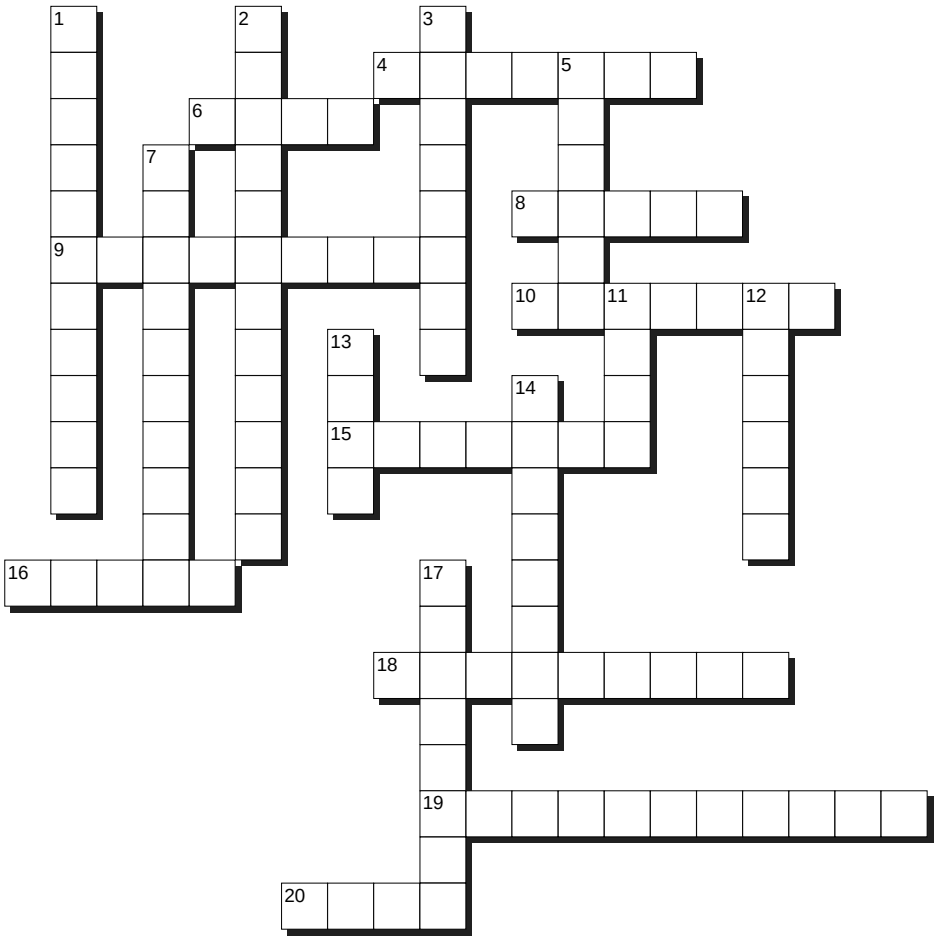


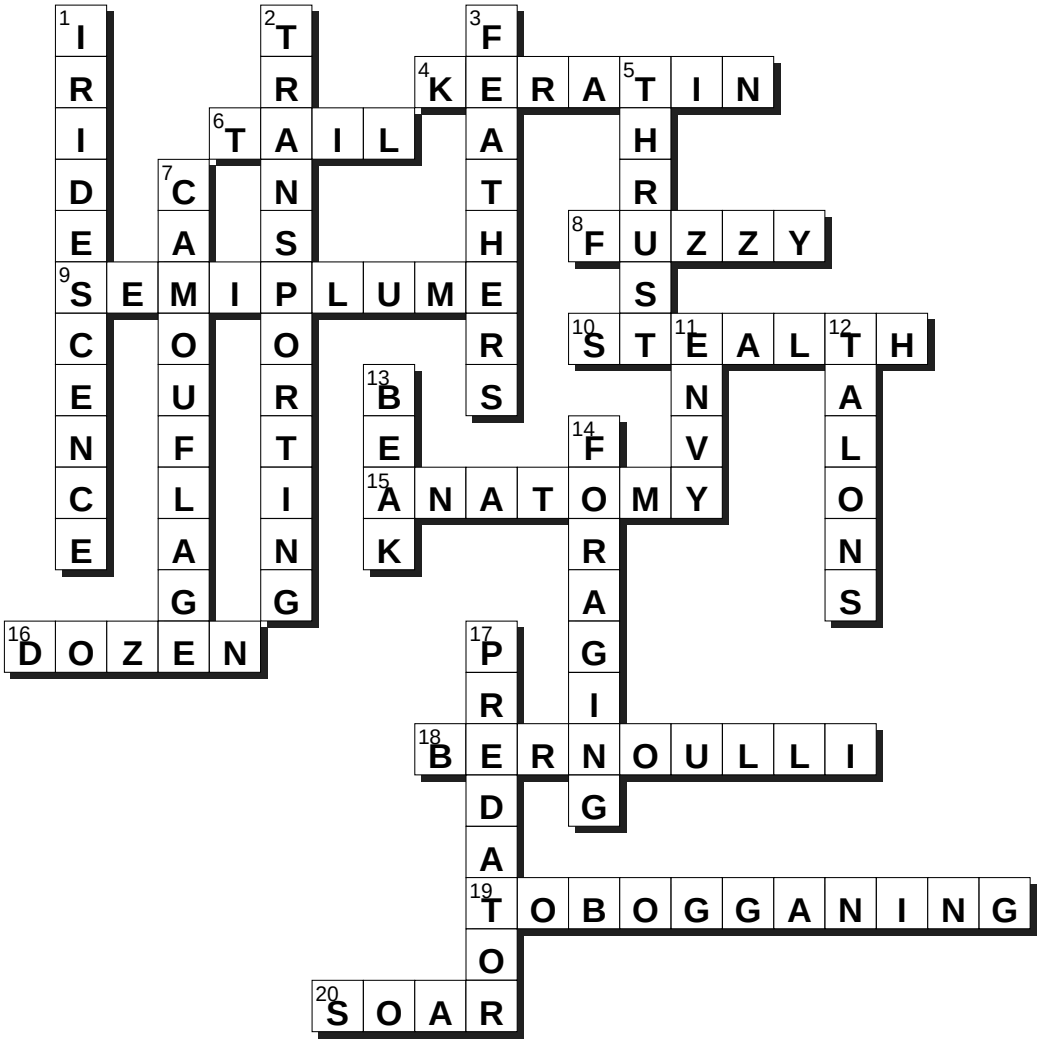
[Across]

4. Feathers, hair, are made of this material
6. Feathers at the back of a bird used to control direction when flying
8. Not smooth but still soft
9. Feather water birds use to help them float
10. The ability of not being seen or heard
15. Parts of living things such as plants and animals
16. The same as twelve
18. Principle that explains how birds and planes can fly
19. A type of sledding
20. To fly without flapping wings or power.

[Down]

1. Bright rainbow-like colors that can change depending on the angle you look at them.
2. Moving things from place to place
3. Birds are covered with these
5. This is needed to move birds and planes through the air
7. To be hidden from being seen by blending in to your surroundings
11. A desire to be like someone or have something others have
12. Bird toenails
13. Instead of teeth birds have this
14. Looking for food or water
17. Animal that hunts other animals.

Try our crossword puzzle based on one of our web articles. You can learn more about this topic when you read the article *Feather Biology* at the *Ask a Biologist* web address below.
(http://askabiologist.asu.edu/research/feather_biology/)



SOLUTION

[Across]

4. KERATIN
6. TAIL
8. FUZZY
9. SEMIPLUME
10. STEALTH
15. ANATOMY
16. DOZEN
18. BERNOULLI
19. TOBOGGANING
20. SOAR

[Down]

1. IRIDESCENCE
2. TRANSPORTING
3. FEATHERS
5. THRUST
7. CAMOUFLAGE
11. ENVY
12. TALONS
13. BEAK
14. FORAGING
17. PREDATOR

This solution above will let you see how well you did with the puzzle.
Try some of the other puzzles at the *Ask a Biologist* web site listed below.