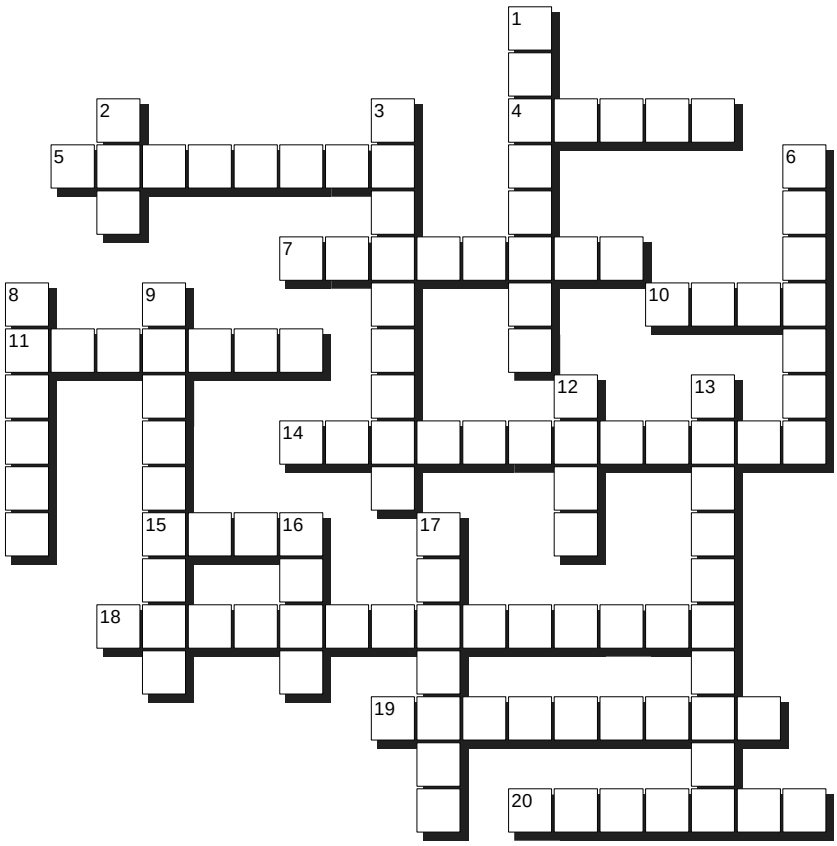


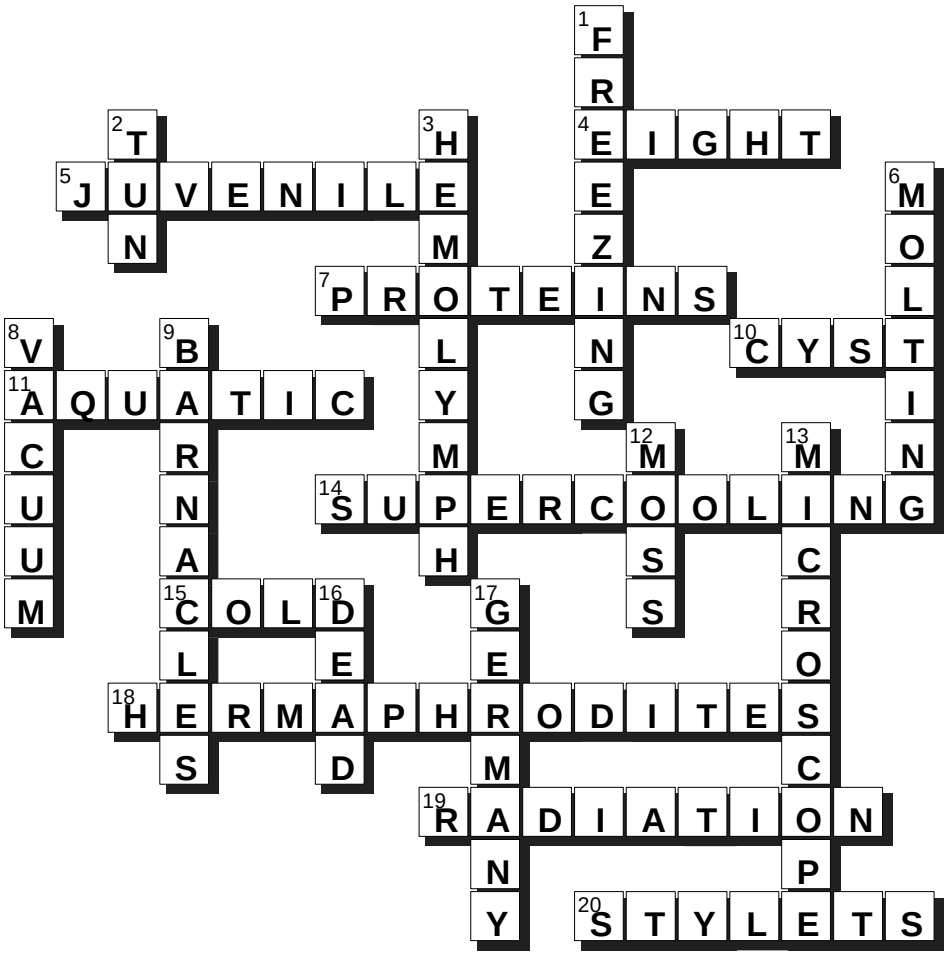
[Across]

4. Tardigrades have _____ legs.
5. A newly hatched tardigrade.
7. As tardigrades dry up, they must keep _____ from sticking together.
10. A tardigrade's protective shell.
11. Tardigrades live in water because they are _____ animals.
14. Cooling down past 0°C - the normal temperature at which ice freezes.
15. In what kind of temperature do dried out tardigrades survive the best?
18. Some tardigrades have both male and female sex organs, making them _____.
19. Tardigrades sent to space only survived when shielded from _____.
20. Instead of teeth, tardigrades have two of these.

[Down]

1. Cryobiosis is the ability to come back to life after doing what?
2. The first thing a tardigrade does as it dries is fold into a ball called a _____.
3. The blood-like liquid that fills tardigrades.
6. Growing a new and bigger skin, and shedding an old one.
8. Tardigrades can survive flying through the _____ of space, when they are dried out.
9. You might find tardigrades living inside these sea creatures.
12. Many tardigrades live in this small green kind of plant.
13. You need a _____ to see tardigrades.
16. In anhydrobiosis, tardigrades seem ____.
17. Scientists from Sweden and _____ sent tardigrades into space.

Try our crossword puzzle based on one of our web articles. You can learn more about this topic when you read the article *Itty Bitty Beasts* at *Ask a Biologist*: https://askabiologist.asu.edu/explore/tardigrades



SOLUTION

[Across]

4. Eight
5. Juvenile
7. Proteins
10. Cyst
11. Aquatic
14. Supercooling
15. Cold
18. Hermaphrodites
19. Radiation
20. Stylets

[Down]

1. Freezing
2. Tun
3. Hemolymph
6. Molting
8. Vacuum
9. Barnacle
12. Moss
13. Microscope
16. Dead
17. Germany

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.
https://askabiologist.asu.edu/puzzles