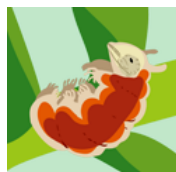


[Across]

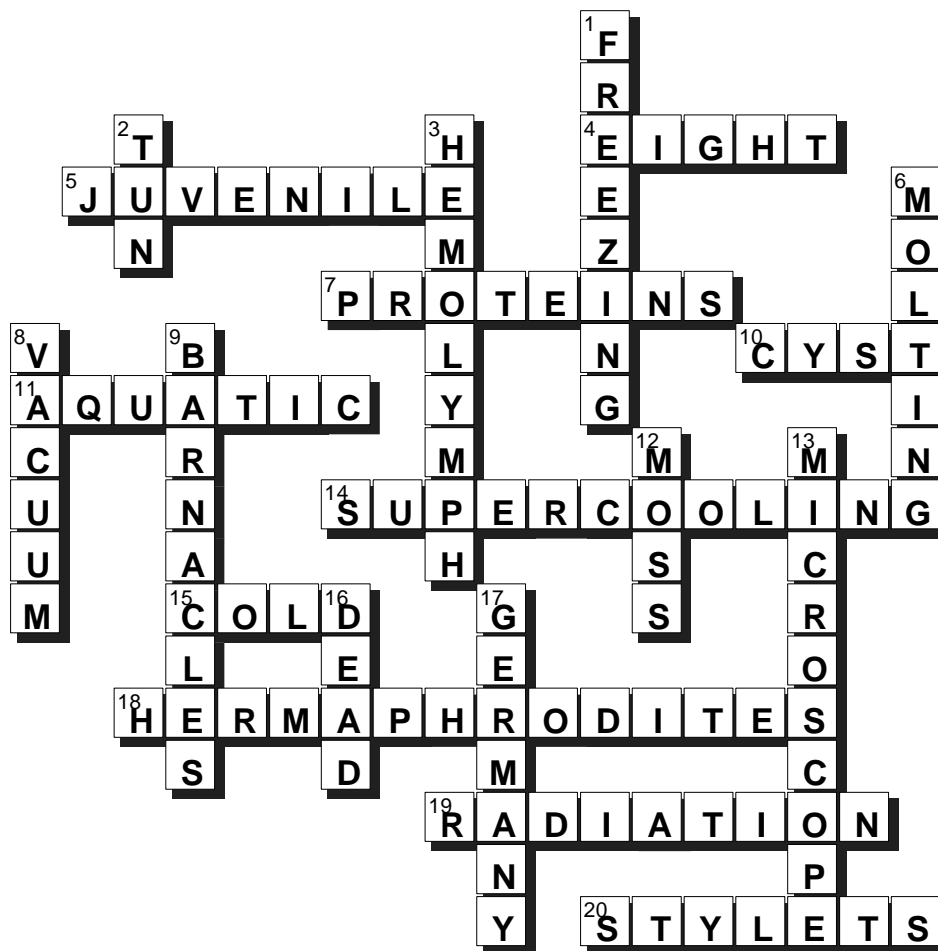
[Down]

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>4. Tardigrades have _____ legs.</p> <p>5. A newly hatched tardigrade.</p> <p>7. As tardigrades dry up, they must keep _____ from sticking together.</p> <p>10. A tardigrade's protective shell.</p> <p>11. Tardigrades live in water because they are _____ animals.</p> <p>14. Cooling down past 0°C - the normal temperature at which ice freezes.</p> <p>15. In what kind of temperature do dried out tardigrades survive the best?</p> <p>18. Some tardigrades have both male and female sex organs, making them _____.</p> <p>19. Tardigrades sent to space only survived when shielded from _____.</p> <p>20. Instead of teeth, tardigrades have two of these.</p> | <p>1. Cryobiosis is the ability to come back to life after doing what?</p> <p>2. The first thing a tardigrade does as it dries is fold into a ball called a _____.</p> <p>3. The blood-like liquid that fills tardigrades.</p> <p>6. Growing a new and bigger skin, and shedding an old one.</p> <p>8. Tardigrades can survive flying through the _____ of space, when they are dried out.</p> <p>9. You might find tardigrades living inside these sea creatures.</p> <p>12. Many tardigrades live in this small green kind of plant.</p> <p>13. You need a _____ to see tardigrades.</p> <p>16. In anhydrobiosis, tardigrades seem ____.</p> <p>17. Scientists from Sweden and _____ sent tardigrades into space.</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



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>