

CAM 19 - TEST 2 - PART 4

Tardigrades

For my 1. _____ on 2. _____, I 3. _____ to 4. _____ tardigrades. These are 5. _____ — or to be more 6. _____ — 7. _____-8. _____ animals. There are well over a thousand 9. _____ 10. _____ of these 11. _____ animals, which 12. _____ 13. _____ the phylum Tardigrada. Most tardigrades 14. _____ 15. _____ 16. _____ from 0.05 to 1 millimetre, 17. _____ the 18. _____ 19. _____ can 20. _____ to be 1.2 millimetres 21. _____ 22. _____. They are also sometimes 23. _____ 'water bears': 'water' because that's where they 24. _____ 25. _____, and 'bear' because of the 26. _____ they 27. _____. 'Moss 28. _____' is 29. _____ 30. _____ for tardigrades because of the 31. _____ they 32. _____ when 33. _____ from the 34. _____. They were first 35. _____ in 36. _____ in 1773 by Johann Goeze, who 37. _____ 38. _____ 39. _____ Tardigrada.

As I say, there are many 40. _____ 41. _____ of tardigrade — too 42. _____ to 43. _____ here — but, 44. _____ 45. _____, the 46. _____ 47. _____ 48. _____ similar 49. _____ 50. _____. They have a 51. _____ which is 52. _____, and also 53. _____ — a bit like a 54. _____ — and the 55. _____ 56. _____ four 57. _____. Each 58. _____ has a 59. _____ of 60. _____, at the 61. _____ of 62. _____ are 63. _____ four and eight 64. _____ 65. _____. I should also say that some 66. _____ 67. _____ have any 68. _____.: what they have are 69. _____, and these work 70. _____ 71. _____ 72. _____ 73. _____.

They 74. _____ the tardigrade to 75. _____ to 76. _____ or to 77. _____ its 78. _____. 79. _____ the 80. _____, there are 81. _____ 82. _____, or any 83. _____ for 84. _____ at all. 85. _____, 86. _____ and also 87. _____ are 88. _____ in a 89. _____ that 90. _____ the 91. _____ of the 92. _____.

93. _____ 94. _____ 95. _____ the tardigrade's 96. _____ is 97. _____, the 98. _____ 99. _____ I can 100. _____ this is that it 101. _____ 102. _____ 103.

_____ — a bit **104.** _____ even — though many of the **105.** _____ I looked at **106.** _____ its **107.** _____ as **108.** _____, which **109.** _____ **110.** _____ very **111.** _____. The tardigrade's **112.** _____ is a kind of **113.** _____ that can **114.** _____ **115.** _____ to **116.** _____ teeth-like **117.** _____ known as 'stylets'. These are **118.** _____ **119.** _____ to **120.** _____ **121.** _____ or animal **122.** _____.

So, where are tardigrades **123.** _____? Well, they **124.** _____ in every part of the **125.** _____, in a **126.** _____ of **127.** _____: most **128.** _____, on the **129.** _____ of a **130.** _____, or on many **131.** _____ **132.** _____ **133.** _____ or in very **134.** _____ **135.** _____. There's been some **136.** _____ **137.** _____ which has **138.** _____ that tardigrades are **139.** _____ of **140.** _____ **141.** _____ and very **142.** _____ **143.** _____, and they're also **144.** _____ to **145.** _____ **146.** _____ as **147.** _____ as **148.** _____ —200 **149.** _____ **150.** _____, or **151.** _____ of more than 148 **152.** _____ **153.** _____, which is **154.** _____ **155.** _____.

It has been said that tardigrades could **156.** _____ long after **157.** _____ **158.** _____ have been **159.** _____ **160.** _____, even in the **161.** _____ of an **162.** _____ **163.** _____ the **164.** _____. If **165.** _____ **166.** _____ too **167.** _____ and tardigrades are **168.** _____ **169.** _____ of **170.** _____ **171.** _____, they **172.** _____ a **173.** _____ called cryptobiosis. They **174.** _____ a **175.** _____ **176.** _____, called a tun — that's T-U-N — by **177.** _____ their **178.** _____ and **179.** _____, and their **180.** _____ **181.** _____ to **182.** _____ than one **183.** _____ of **184.** _____ **185.** _____. They can **186.** _____ in this **187.** _____ for **188.** _____, and if **189.** _____ to **190.** _____, when they will **191.** _____ **192.** _____ to **193.** _____ in a **194.** _____ of a **195.** _____ **196.** _____.

While in this **197.** _____ of cryptobiosis, tardigrades **198.** _____ a **199.** _____ that **200.** _____ their DNA. In 2016, **201.** _____ **202.** _____ two tardigrades that had been tuns for more than 30 years. There was a **203.** _____ that, in 1948, a 120-year-old tun was **204.** _____, but this **205.** _____ has **206.** _____ been **207.** _____.

_____. There are 208. _____ 209. _____ 210. _____ 211. _____ 212. _____ in
213. _____, to 214. _____ how 215. _____ tardigrades might be 216. _____ to
217. _____ there. I believe the 218. _____ 219. _____ 220. _____ is 10 days.

So, erm, moving on. 221. _____ 222. _____ 223. _____ their 224. _____,
tardigrades 225. _____ 226. _____ 227. _____ 228. _____ 229. _____ survive.
Although they have 230. _____, they 231. _____ 232. _____ these for 233.
_____. They 234. _____ the 235. _____ from 236. _____, or 237. _____ 238.
_____ from 239. _____, but some 240. _____ 241. _____ 242. _____ other
tardigrades, from other 243. _____ or within their own. I 244. _____ this 245. _____
246. _____, 247. _____ that tardigrades are 248. _____ 249. _____ 250. _____
251. _____ and are 252. _____ with a type of 253. _____.

Finally, I'd like to 254. _____ the 255. _____ 256. _____ of tardigrades. It is 257.
_____ that they have been in 258. _____ for 259. _____ half a 260. _____ 261.
_____ and, in that time, they have 262. _____ five 263. _____ 264. _____. So, it

will **265.** _____ come as **266.** _____ **267.** _____ to you, that tardigrades have not been **268.** _____ by the International Union for Conservation of Nature and are not on any **269.** _____ **270.** _____. Some **271.** _____ have **272.** _____ them as **273.** _____.

Does anyone have any questions they'd like to ask?