The World (October 1st-15th, 2022)

**1.《BBC野生生物》 2022年10月刊 13页**

1）语法填空

Jumping spiders have joined an elite group of animals known \_\_\_\_\_\_\_\_\_\_\_\_ (experience) a phase of sleep associated with dreaming in humans. Rapid eye movement (REM) sleep \_\_\_\_\_\_\_\_\_\_ (know) only among vertebrates and octopus until biologists led by Daniela Rößler at Germany’s University of Konstanz quite literally peered into the \_\_\_\_\_ (head) of sleeping baby jumping spiders.

Most invertebrates have immovable eyes, making REM sleep \_\_\_\_\_ (trick) to investigate. But jumping spiders can direct their gaze by moving their retinas, which can \_\_\_\_\_\_\_ (see) through the temporarily translucent exoskeletons of spiderlings in the \_\_\_\_ (one) few days after hatching. The biologists report in Proceedings of the National Academy of Sciences that bursts of eye movement are accompanied by limb activity and muscle twitches, \_\_\_\_\_\_ are also seen in vertebrates.

In humans, REM sleep is also associated with dreaming. Rößler now plans to investigate \_\_\_\_\_\_\_ the spiders’ brain activity is heightened during bouts of REM. But she is cautious about this line of thought: “It is \_\_\_ enormous step to be wondering about dreams. I think this is amplified by our human bias and our own experience and imagining that ‘dreaming’ would look or feel the same in other animals. Animals experience the world \_\_\_\_\_\_\_\_\_\_ (different), so a ‘dream’ is likely very different.”

2）翻译句子

他想要一支高效、精英的工程团队。

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他患上了一种神经痉挛病，开始不停地眨眼睛。

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这些故事只是增加了她的恐惧。

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有些机构仍然对女性持有很大偏见。

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**2.《卫报》2022年10月4日 40页**

1）语法填空

Wafting through the deep sea is a diaphanous creature that \_\_\_\_\_\_\_\_\_ (resemble) a jellyfish, but is in fact something else entirely. Pelagothuria natatrix, meaning swimming sea cucumber, belongs to a group of animals better known for lying around on the seabed like giant, rubbery \_\_\_\_\_\_ (worm).This sea cucumber was first named in the late 19th century.

\_\_\_\_\_ Pelagothuria survives in these challenging conditions is still a mystery, but it likely has something to do \_\_\_\_\_ its jelly body. Many animals living in the deep sea have bodies made mostly of water with a small amount of collagen mixed in. This gelatinous goo requires little energy \_\_\_\_\_\_\_ (make) and maintain, and so is ideal for animals living at depths \_\_\_\_\_\_ food is often scarce. Jelly-based animals are also inherently buoyant, so they needn’t waste precious energy and oxygen \_\_\_\_\_\_\_\_\_\_ (swim) to stay afloat; they can just drift around.Out of \_\_\_\_\_\_\_ (rough) 1,200 species of sea cucumbers, Pelagothuria is the only one \_\_\_\_\_\_ (know) to spend most of its time swimming.

This could be how Pelagothuria’s ancestors started out, then evolving to be better and better swimmers until they \_\_\_\_\_\_\_ (adopt) a full-time jellyfish lifestyle. It’s a case of convergent evolution in which distantly related organisms –in this case sea cucumbers and jellyfish – have solved challenges with a similar outcome.

2）翻译句子

面霜中包含的胶原蛋白来自于动物皮肤。

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聚合型问题只有一个正确答案。

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**3.《读者文摘》2022年10月 27页**

1）阅读理解

① What’s the feature of Jitterbuy’s smart 3?

A. One can text messages for free.

B. One can get refund if there is something wrong.

C. This type of smartphones is not so complex.

D. This type of smartphones is what teenagers like.

② When can you buy the smartphone at the lowest price?

A. Every Sunday.

B. Every weekend.

C. On Christmas Day.

D. On Grandparent’s Day.

③ Where can you buy the smartphone except?

A. Tmall.

B. Walgreens.

C. BestBuy.

D. RiteAid.

2）翻译句子

这家旅馆有通向海滩的专用通道。

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这是唯一可用的房间。

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**4.《国家地理》2022年10月刊 EXPLORE版面 Basic Instincts**

1）语法填空

During winters in North America, many amphibians dive or burrow deep to avoid freezing—but not the wood frog. These fig-size croakers stay put aboveground as the water between their cells \_\_\_\_\_\_\_ (freeze), and they spend the season in a kind of cryosleep. When spring arrives, most wood frogs awaken from their \_\_\_\_ (ice) slumber with one thing on their mind: sex. Males find a pond or temporary vernal pool and call to females with sounds “almost like a quacking duck,” says Dartmouth College’s Ryan Calsbeek, \_\_\_ biology professor who studies amphibians’ sex lives. \_\_\_ more males join in, the cacophony of croaks can be heard throughout the forest. \_\_\_\_\_\_\_\_ (hear) the come-ons from the ponds around them, females hop toward the croaks they find most seductive. In a recent study using an advanced acoustic camera, Calsbeek determined that female wood frogs, like many humans, can’t resist deep, husky voices. Such croaks tend \_\_\_\_\_\_\_ (come) from large frogs—but once a female is lured to a pond, she’s fair game for all its male frogs, including small sopranos. The victor is the male \_\_\_\_\_\_\_\_\_\_\_ grasps and mounts the female, wrapping his forelimbs around her torso, a position \_\_\_\_\_\_\_ (know) as amplexus (抱合). He squeezes until she deposits her eggs \_\_\_\_\_ the water; he then releases sperm, fertilizing the eggs. It’s female wood frogs’ fate to have several breeding opportunities during their two-to-three-year life span. So \_\_\_\_\_ (odd) are good that they’ll find at least one big baritone daddy.

2）翻译句子

蚯蚓钻土很深。

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如果孩子们只是呆在原地不动，他们的父母很快就会来找他们。

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1. **BBC听力**
2. 听力填空

A Pallas’s cat. He has the \_\_\_\_\_\_\_ fur of any cat in the world. Nonetheless to keep warm, he must catch \_\_\_\_\_ five rodents a day. Top of the menu are those and gerbils. Relative to body size, Pallas’s cat have one of the shortest legs of any cat, and that helps by giving them \_\_\_\_\_\_\_\_\_\_\_ when stalking. But it’s not so good for \_\_\_\_\_\_\_\_\_\_\_\_\_ deep snow. Never mind, there are plenty more. He just needs to \_\_\_\_\_\_\_\_\_. Unfortunately the longer he’s out in the snow, the colder his \_\_\_\_\_ become, and he has only one way to get the blood \_\_\_\_\_\_\_\_\_\_ again. That could be one shake too many. Only one hunting in three by a Pallas’s cat is successful. No wonder he has the \_\_\_\_\_\_\_\_\_ of being the grumpiest cat in the world.

2）翻译句子

他蹚进水里把船推出来。

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你不应该对新来的邻居这么粗暴。

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