<u>Olympiáda v anglickom jazyku, 26. ročník, krajské kolo 2015/2016, kategória 2C1 – riešenia a úlohy</u>

ROLEPLAY

STUDENT

You are about to go on a six-hour trip by train. Knowing that the particular train you want to take is always crowded, you have reserved a seat. However, upon boarding the train, you discover that there is no seat with your reservation number in the given carriage. A similar thing has already happened to you before, when it turned out that the whole carriage was missing. You feel quite annoyed as you do not fancy the possibility of spending your entire journey on your feet; moreover, you feel that your rights as a customer have been violated. You decide to address the conductor with the aim of finding a reasonable solution to the problem. You realize that you have to be polite but assertive.



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ROLEPLAY

TEACHER

You work as a conductor on a train which is always crowded. From the very start of each trip, you are under a crossfire of complaints and comments from passengers on the quality of railway service. You try to stay calm but you keep wondering to yourself why you should bear responsibility for others' mistakes. Still, you try not to forget that one of the main principles of your profession is trying to do your best to help. You see a young passenger approaching you. The passenger looks as though he/she is not quite pleased with something.

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PICTURE DESCRIPTION

Describe the picture and relate it to your personal experience and views on what its topic seems to be.



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LISTENING – TAPESCRIPT (please play one time only)

If you've ever gazed into a house cat's eyes and wondered why they don't look like yours or even like those of big cats like tigers, you were on to something.

The shape of an animal's pupils is linked to its lifestyle, a new study published in the journal *Science Advances* suggests. Scientists analysed the pupil shapes and ecological roles of 214 species of land animals, including a variety of cats. Their results show that species with vertical slit-shaped pupils tend to be ambush predators, whereas those with circular pupils tend to be "active foragers" which chase down prey.

"For species that are active both night and day, like domestic cats, slit pupils provide the dynamic range needed to help them see in dim light yet not get blinded by the midday sun," lead author Martin Banks of the University of California, Berkeley, said in a statement.

This is not the only piece of the feline-pupil puzzle that the researchers uncovered, however.

"A surprising thing we noticed from this study is that the slit pupils were linked to predators that were close to the ground," co-author William Sprague, a postdoctoral researcher in Banks' lab, said in a statement. "So domestic cats have vertical slits, but bigger cats, like tigers and lions, don't. Their pupils are round, like humans and dogs."

Yet, none of this explains why cats have vertical slit pupils, whereas horses have horizontal slit pupils. The researchers found that horizontal slit pupils were most common among grazing prey animals like deer and sheep.

To figure out how the orientation of an animal's pupils affects its vision, the researchers used computer models. Stretching out pupils horizontally, the researchers found, allows an animal to align its pupils with the ground. This, in turn, lets more light in from the back, front, and sides.

"The first key visual requirement for these animals is to detect approaching predators, which usually come from the ground, so they need to see panoramically on the ground with minimal blind spots," Banks said in a statement. "The second critical requirement is that once they do detect a predator, they need to see where they are running. They have to see well enough out of the corner of their eye to run quickly and jump over things."

Now that they've tackled terrestrial species, the researchers hope to turn their attention to the pupils of animals that spend most of their time up in the sky, in trees or underwater in upcoming studies.

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ANSWER KEY

GRAMMAR 15 points

1 where / when 2 such 3 though 4 nothing 5 hand
6 out 7 us 8 should 9 more 10 up

- 11. I was at / on the point of handing in my notice
- 12. they had better not give false promises.
- 13. but we haven't got/gottten round to discussing it yet.
- 14. with the exception of guide dogs
- 15. You could have called me in advance

VOCABULARY 10 points

1 C 2 B 3 C 4 A 5 D 6 B 7 A 8 C 9 D 10 D

READING 10 points

7 D

1 H 2 C 3 J 4 F 5 B 6 L

10 M

LISTENING 5 points

8 A

1 ambush 2 dim 3 grazing 4 ground 5 blind spots

9 K

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Olympiáda v anglickom jazyku – krajské kolo

Vydal: IUVENTA – Slovenský inštitút mládeže, Bratislava 2016