

1.

Octopus has been around for hundreds of millions of years.

Is it true that many octopuses have three hearts?

Yes, it's true!

There are three main groups of octopus; pearl boats, squids and octopuses. All three have a normal, typical mollusc heart, which is further surrounded by a pericardium. In addition, squid and octopus have small auxiliary hearts at the base of each of the two gills. These are shaped like muscular thickenings on the vessels that lead into the gills.

2.

Here you see a dinosaur skeleton of a Stegosaurus.

Look at the tail, there are thorns that they used to defend themselves.

Is it true that the Stegosaurus had two brains?

Yes, it's true!

In addition to the brain in the head, the Stegosaurus also had a slightly smaller brain at the beginning of the tail that probably helped keep track of the tail and hindquarters.

3.

In the showcase you see a fossil of a rhino.

Is it true that there have been rhinos in Sweden?

Yes, it's true!

The woolly rhino died out after the last ice age about 8,000 years ago. It lived on the mammoth steppe along with the mammoth and giant deer, among other things, and was probably found in southern Sweden just when the ice was moving away.

4.

In the cold seas of Sweden there are not so many species of jellyfish, but in warm waters there are many more.

Is it true that there is a jellyfish called fried egg jellyfish?

Yes, it's true!

It is not found in Sweden, so it does not have an official Swedish name, but it is called fried egg jellyfish because of its appearance. The scientific name is *Cotylorhiza tuberculata*.

5.

The bootlace worm (*Lineus longissimus*) is an animal found here on the West Coast. It lives beneath 10 meters depth.

You can see a bootlace worm in a showcase behind you.

Is it true that the bootlace worm is one of the world's longest animals?

Yes, it's true!

It can be up to 50 meters long! Living at least 10 meters deep along the west coast of Sweden and Norway. Is heaped under rocks and is toxic. If you touch it with your bare hands, you will feel a tingeling or stinging sensation in your fingers after a while.

6.

Bees need nectar from flowers to survive. They suck nectar into their mouths with their trunk.

Is it true that bees show their buddies where there is a lot of nectar by doing a special dance?

Yes it's true! They tell the other bees in which direction the food is and how far it is there. They can also tell them how much food there is.

7.

One of Sweden's most common butterflies is the ringlet.

It is a brown butterfly that is not so common in the city, but all the more common on grasslands.

Is it true that you most easily see butterflies flying at lunchtime?

Yes it's true! Butterfly wings do not like moisture. Therefore, the butterflies usually wait until late in the morning or almost till lunch, before they start flying so it can get a little warmer and the night dew can evaporate.

8.

Maybe you've put a shell to your ear and heard a sound. In the past, people thought it was the sea they heard.

Is it true that it is your blood you hear flowing through the blood vessels?

Tip! You can test this with a mug too.

Yes it's true! Of course, there is no sea inside the shell that you can hear, but the sounds made by your body is amplified in the shell when you hold it to your ear. Just like with a stethoscope.

9.

It is important to be critical of sources. This means that you should think about where you read and hear things.

Is it true that the answer to all the questions in this quiz walk is yes?

Yes it's true!

Imagine what exciting and fascinating nature is. Hope you have a really wonderful summer and get the opportunity to discover nature on your own!