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BEEHIVE

Martin Šojdr





How is honey made? The **forager bees** collect nectar which they bring back to the hive. The worker bees mix the nectar with their **enzymes**. This liquid is then placed into the cells of the comb. Water evaporates from it. The mature honey in the cells is carefully covered with a lid.

Why do bees produce honey? So they can eat of course! It's very important for them, providing them with **strength** for flying during the summer and **warmth** in the winter. Hungry bees would **freeze to death**.

Some bees fly for **pollen**, others for **nectar**, and others for **water** which they need for drinking, cooking or cooling.

Bee honey is **extremely rare**. People use it, not only as **sweetener**, but also for wounds or as a kind of **medicine** for treating various illnesses, for example, colds or chills.

pollen

builders

forager

nectar

water

honey



FOOD FROM HONEY

Do you like gingerbread cookies? It would be impossible to bake them the way they are supposed to be without honey. We also eat honey with biscuits, crepes, yogurt and sometimes even put it in tea... And there is also a cake full of honey and nuts, it's called honeycake.



WHAT DO BEES DO

They collect pollen and nectar from morning till night, which they use to make honey. Bees are so hard-working that they manage to visit hundreds of flowers over the course of one day.

KINDS OF HONEY

Linden, black locust, rapeseed, forest... Each tastes different. And each is good for something else. Rapeseed honey is excellent with bread and butter.



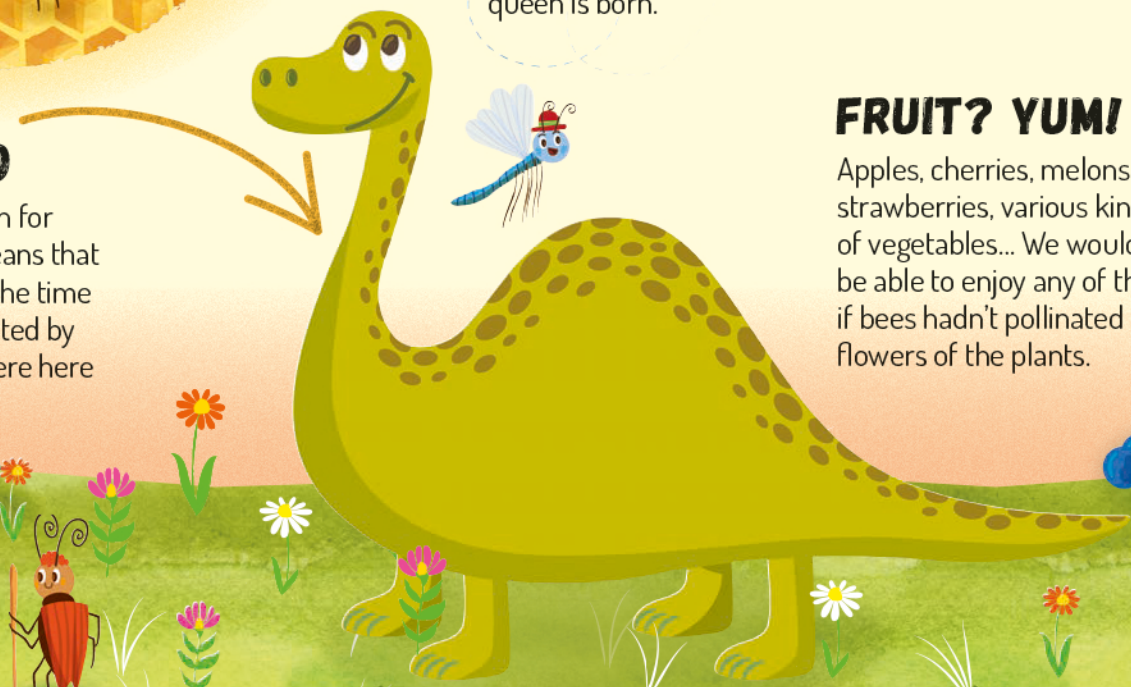
HOW DO THEY TALK?

Bees talk to one another by dancing around one another. They walk around and round and make a figure eight. They communicate in this way with their sisters who then know where to find the pollen or nectar.



BEES AND DINO

Bees have lived on the earth for 100 million years, which means that they have been here from the time the planet Earth was inhabited by dinosaurs. Perhaps, they were here even earlier, who knows?

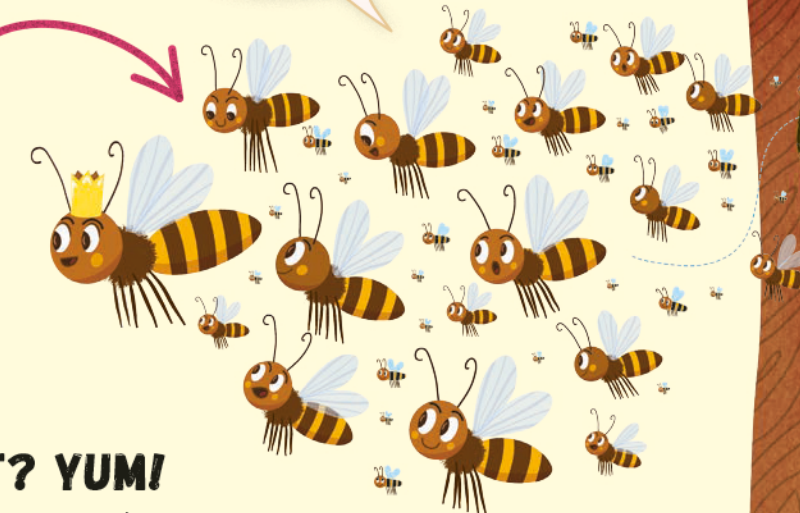


OOO! THAT HURTS!

When a bee stings you, it really hurts. It didn't want to hurt you, only wanted to protect its colony. Bees often die after stinging. Better not go too close to a hive, or you might get in their way.

WHAT'S A SWARM?

When bees swarm, it means, they are reproducing. The bee colony divides into two parts. While one group with the queen seeks out a new tree hollow where they can start to make new combs, the second group remains in the hive where a new queen is born.



Follow the queen!

FRUIT? YUM!

Apples, cherries, melons, strawberries, various kinds of vegetables... We wouldn't be able to enjoy any of these if bees hadn't pollinated the flowers of the plants.



BEEHIVE

Written by Petra Bartíková

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Imagine you are a bee spending one day in a beehive. What would it be like? In the spring you would fly from flower to flower and collect pollen, which your bee friends in the hive would then make sweet honey from. During your travels for pollen, you would drink sweet nectar which tastes like raspberry lemonade. You would go to the toilet in a meadow because bees don't have toilets inside their hives. And if you're lucky, you might learn how to make honey. You know what? Make yourself comfortable and come with us right into the hive...

Hello ladybird!

Get to know
THE BEES
and their
life.

Worker bees
carry out
various tasks.

Take a look
inside the
beehive.

Bees are real
hard-workers.



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WARNING: CHOKING
HAZARD Small parts. Not
suitable for children under
36 months.

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