



Honeybees sometimes live in nests that they build themselves in trees, bushes, or roofs and walls of buildings. They can also live in man-made nests called **hives**.

The **Queen** is the largest honeybee and the leader of the colony. Her job is to lay eggs and produce new bees. The only male bee in the colony is called a **Drone**. Drones are raised in the hive and then leave to find Queens to produce eggs with.

The pollen is taken back to the hive and turned into **honey**. Bees eat the honey for food, and produce beeswax. Honey is also used to feed recently hatched baby bees called **larvae**. Larvae fed entirely on royal jelly (which is honey made by the Queen) will grow into new Queens.

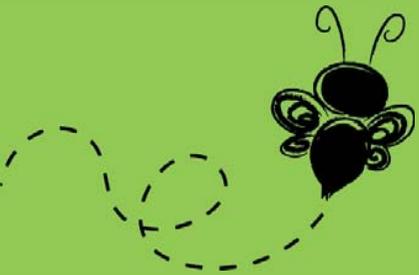
Inside the hive there are three different types of honeybee, and they all have different jobs to do. They work together as a family called a **colony**.

Most bees in the colony are female **Worker** bees. They have the most work to do, and so there could be around 60,000 of them in one colony over Spring and Summer. Workers gather the pollen from flowers.

Some of the colony will leave with the new Queen in a mass flight called a **swarm**. The will search for a new nest or hive and start a new colony.



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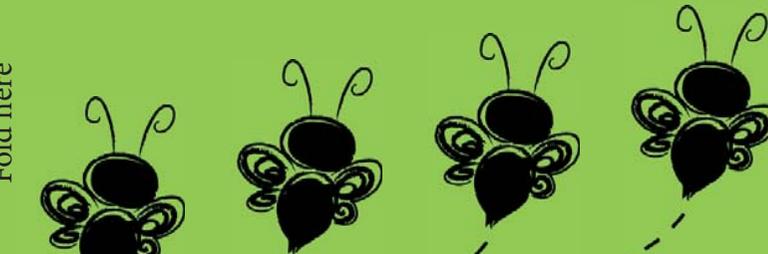
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Psst- There's one more thing you need to know about honey bees on the back of the leaflet. ----->



When you've finished your crossword, you can keep this leaflet to help you learn about honey bees.

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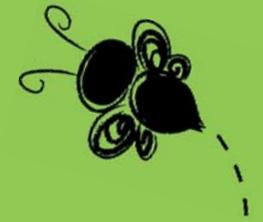
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Honeybees, and all other species of bee, support other creatures such as birds, animals and people in a relationship called an **ecosystem**.

When they collect pollen, they also spread it around, allowing plants to grow elsewhere. The more bees there are spreading pollen, the more plants we have in the world.

Plants could then be food for all kinds of creatures, including people, or habitats for insects. They also produce oxygen which we need to breathe.

All these different things work together to keep the ecosystem going and keep the environment healthy.



## Honey Bee Activity Trail by Red House

### Information leaflet.

In this leaflet you will find all the information you need to know about honey bees to help you answer complete your crossword puzzle.

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Psst- Print me out double sided and fold along the dotted lines.

# 1 Down



Bees are a vital part of this **relationship** between insects, plants, animals and people. They pollinate plants that produce oxygen, food and habitats.

# 2 Down



This **baby bee** is fed pollen and honey by workers in the hive. If the baby bee is fed on royal jelly all the time, it will grow into a **Queen**.

# 3 Down



This **sweet substance** is the end result produced by bees. Bees use it to feed their young, and people like to have it on toast.

# 4 Down



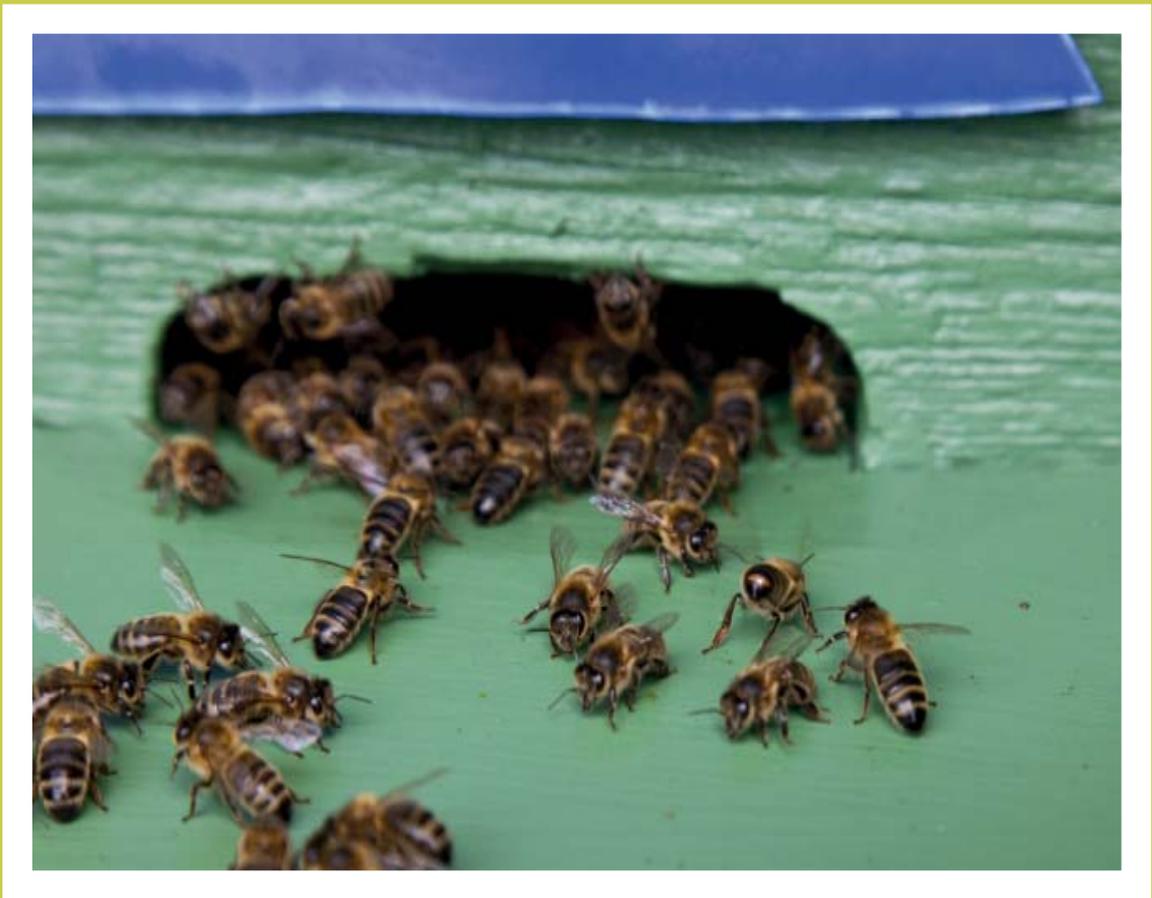
This female bee can be seen flying in and out of flowers, **collecting pollen** and taking it back to the hive.

# 5 Across



This is the only **male bee** in the hive. His job is to find a Queen and start a new colony.

# 6 Across



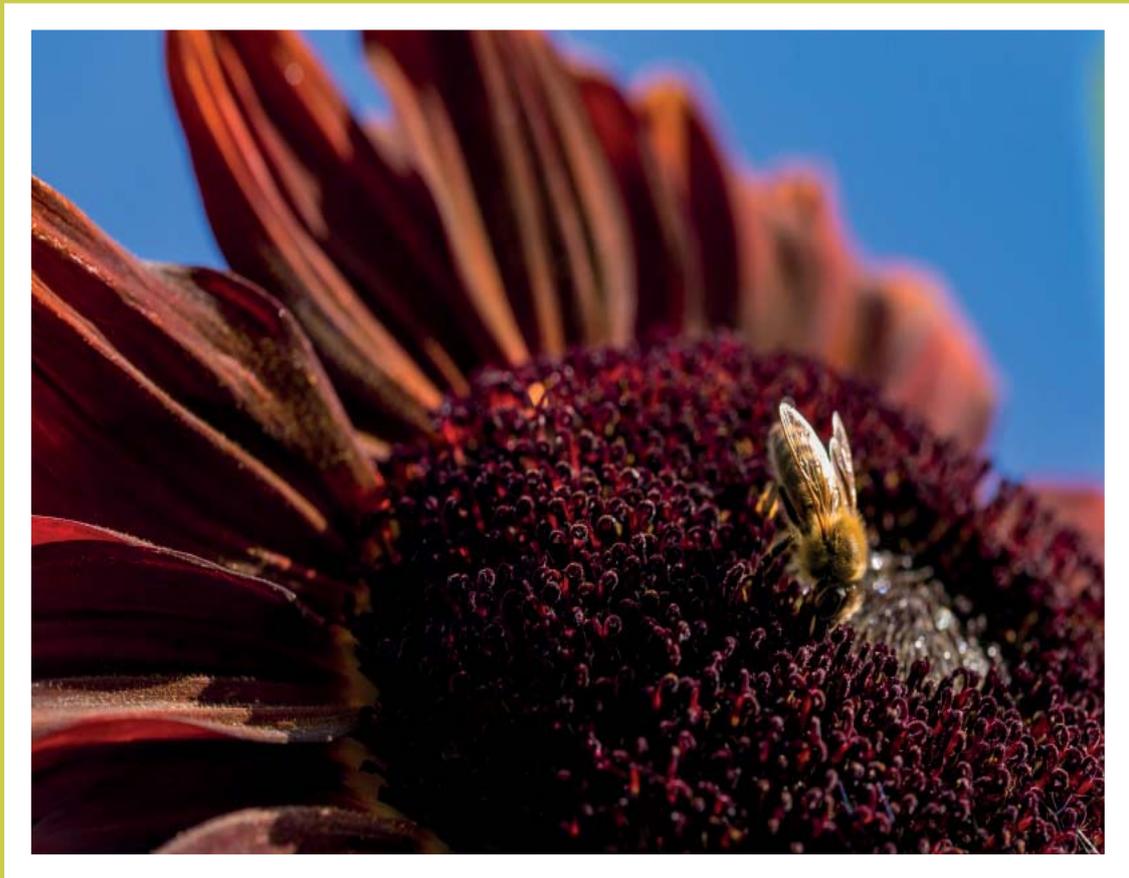
The amount of bees in this **family of bees** changes throughout the years. There could be only 10,000 in the hive during the winter, but 60,000 in the Summer when there's work to be done.

# 7 Across



When there's too many bees in a hive, a **group with a new Queen** will leave. They send out scouts to find a new nesting site, and the scouts communicate the new location with a dance.

# 8 Across



This **powder** is collected from flowers and taken back to the hive. Stored in honeycombs, it is turned into honey by the workers.

# 9 Across



This is the largest bee and the **leader of the colony**. She produces all the new bees and became the leader by being continuously fed royal jelly.

# 10 Across



This structure built by people is designed to **house** a colony of bees. They build honeycomb and produce honey and new bees inside.