

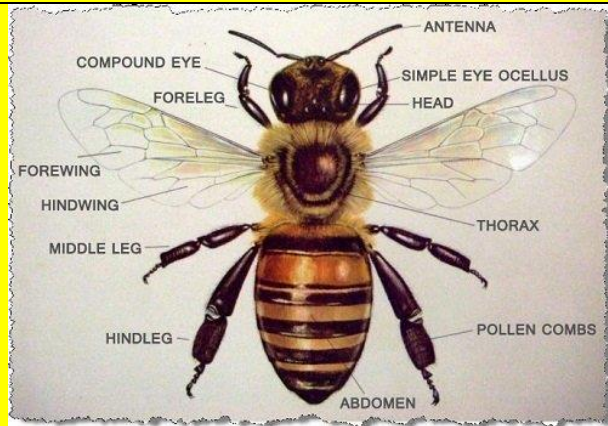
LET'S GET A BEE



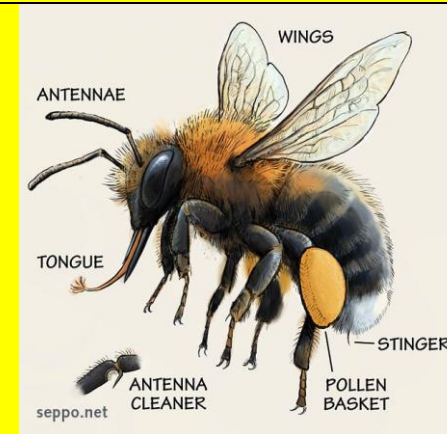
Bee Guide Book by POLAND



Parts of a bee's body



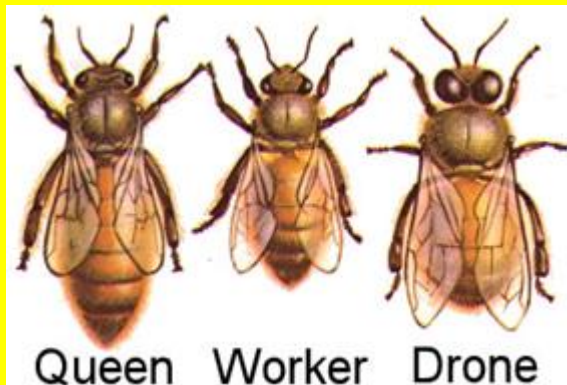
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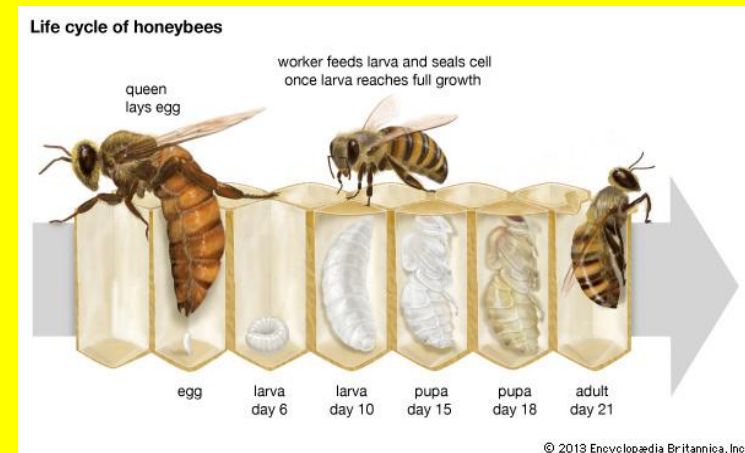
Meet 3 kinds of honey bees in a hive

1. one female Queen bee
2. a lot of female Worker bees
3. a few male Drones



<http://www.readygo.com/training/bees/graphics/bees.jpg>

Life Cycle of a bee



Life Cycle of a Bee from www.britannica.com

Queen: one queen runs the whole hive. Only she lays the eggs that will spawn the hive's next generation of bees. The queen also produces chemicals that guide the behaviour of the other bees. The queen can live up to five years.

Workers: they are all female and their roles are to forage for food (pollen and nectar from flowers), build and protect the hive, clean and circulate air by beating their wings. Workers are the only bees most people ever see flying around outside the hive. If the queen bee dies, workers will create a new queen by selecting a young larva and feeding it a special food called „royal jelly“. The average worker bee lives for 5-6 weeks.

Drones: They are the male bees and their purpose is to mate with the new queen. About several hundred live in each hive during the spring and summer. But when winter comes, they have to leave the hives.

<https://www.natgeokids.com/za/discover/animals/insects/honey-bees/>

AMAZING FACTS ABOUT BEES

1. Honey bees must collect nectar from two million flowers to make a half a kilo of honey.
2. One bee has to fly about 144.000 – three times around the globe – to make a half a kilo of honey.
3. A honey bee visits 50 to 100 flowers during a collection trip.
4. A honey bee can fly for up to six miles, and as fast as 24 km per hour.
5. Honey bees communicate with one another by dancing.
6. A colony of bees consists of 20,000-60,000 honey bees and one queen. Worker honey bees are female, live for about 6 weeks and do all the work.
7. The queen bee can live up to 5 years and is the only bee that lays eggs. She is the busiest in the summer months, when the hive needs to be at its maximum strength, and lays up to 2500 eggs per day.
8. Larger than the worker bees, the male honey bees (also called drones), have no stinger and do not work. All they do is mate.
9. Honey has always been highly regarded as a medicine
10. Honey bees have been producing honey in the same way for 150 million years.
11. The honey bee is the only insect that produces food eaten by man.
12. Honey lasts an incredibly long time. An explorer who found a 2000 year old jar of honey in an Egyptian tomb said it tasted delicious!
13. The bees' buzz is the sound made by their wings which beat 11,400 times per minute.
14. When a bee finds a good source of nectar it flies back to the hive and shows its friends where the nectar source is by doing a dance which positions the flower in relation to the sun and hive. This is known as the 'waggle dance.'
15. Honey is incredibly healthy and includes enzymes, vitamins, minerals.

<https://matteroftrust.org/4754/20-amazing-honey-bee-facts>

Bees live in hives



Kamianna

Bees consume pollen and nectar from a variety of flowers.

lime tree



false acacia



Bees are really hard-working. They produce:



wax



bee bread



honey



royal jelly



propolis

<http://regiodom.pl/portal/sites/regiodom/files/imagecache/755x/images/regiodompl/71/lipa-szjeno09190.jpg?orvaag> http://projekty.gdos.gov.pl/files/artykuly/36343/Robinia_akacjowa_1__proxy.jpg

rape



heather



<https://img.agrofakt.pl/wp-content/uploads/2015/11/rzepak3-1000x478.jpg>
https://upload.wikimedia.org/wikipedia/commons/thumb/9/97/Calluna_vulgaris_007.jpg/1200px-Calluna_vulgaris_007.jpg

OUR TRIP TO KAMIANNA 21.05.2019



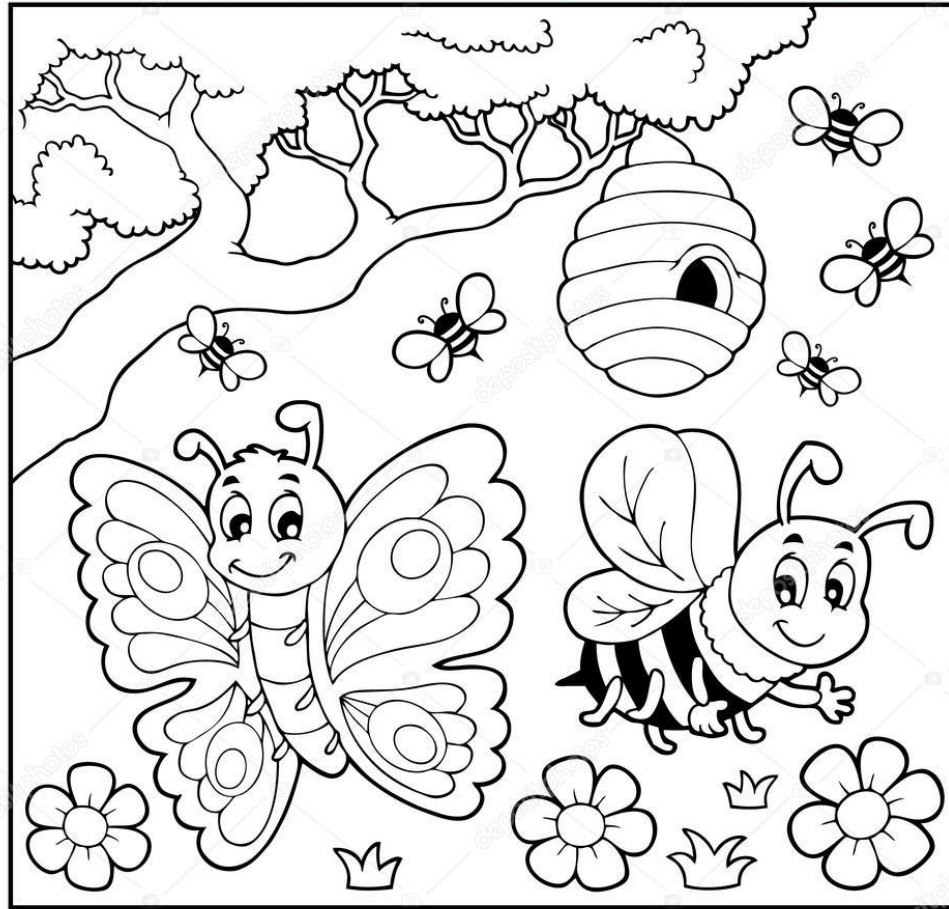
honey centrifuges, a beekeeper uniform



hives, a honeycomb with a print of a bear's paw



COLORING BOOK



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<http://thelondonbeecompany.com/wp-content/uploads/2014/10/DSC7058-Edit-Large.jpg>

<https://www.natgeokids.com/za/discover/animals/insects/honey-bees/>