

Tala Al-Khudhairi
Sound Healing Overview

The Honeybee is the only insect in the world that produces something humans can consume. Some may be confused between the Honeybee and Bumblebee however these two types of bees are different in many ways. These fascinating insects live in a hive made up of thousands of hexagons, in wax. The Honeybee is a smart insect which has been around for thousands of years, communicating between themselves by dance, to provide us all with honey.

A Honeybee, not to be confused with a Bumblebee, is physically seen as the smaller and slimmer looking of the two. The Bumblebee feeds from different shaped flowers where as Honeybees prefers open flowers, as their tongues are shorter. The Honeybee Queen and her daughters live in a hive all year round and can live up to 3-4yrs whereas the bumblebee Queen hibernates in a hole in the ground and lives for only one year. Bumblebees can sting you repetitively and the Honeybee dies after it has stung you once. When it comes to communicating the Bumblebee will simply pass pollen between each other where as the Honeybees use a dance to communicate the location of food.

The food is collected and returned back to the hive. A Honeybees' hive inhabits 3 classes of bees. The first being the *workers*, these are the female bees which have not developed sexually. They are responsible for foraging food, building and protecting the hive, cleaning, and circulating air in the hive by beating their wings. The following class is the *Queen*. She lays eggs and regulates the hives'

activities by producing chemicals that guide the other bees. When the Queen dies, the workers create a new queen by feeding one of the workers a special food called “royal jelly” enabling the worker to develop into a fertile queen. The final class of Honeybee is the *drone*. Drones are the male bees. Only several hundred, out of thousands, live in the hive during the spring and summer months. Drones are expelled from the hive during the winter months, when the hive goes into survival mode. All Honeybees are born knowing how to make a hive and each hexagon is made perfectly to fit their own bodies.

The Honeybee hive consists of thousands of hexagons. In the study of sacred geometry the hexagon is made by two triangles lying upon one another, one right side up and the other upside down. When you connect all the points of the star created, you get a hexagon - a six-sided shape where each line is equal in length. The triangles represent Heaven and Earth whereas the hexagon symbolizes harmony of the cosmos and the 6 stages of life. According to Robert Thomas, the first circle of creation, which is made when two circles meet at the middle of one circle, contains a hexagon and is known to be “negative” whereas in the second circle, the larger of the two, is known to be positive. Musically, the vertexes of the 2nd hexagram create a higher octave to that of the first. In the second circle of creations the hexagram is doubled in size perfectly and that is considered the doubling of the Seed of the Flower of Life. The hexagram portion of the Flower of Life is considered the masculine aspect of the Flower. This is a bit ironic considering the drones (the male honeybee- masculine energy) are expelled from the hive half the year.

When a worker in the hive ventures out looking for food and finds something she goes back to her hive and does a little dance to communicate to her fellow workers, where to find the food. Honeybees have 3 different dances: the Round Dance, Crescent Dance and the widely known Waggle Dance. The Round dance is only performed when the food source is approximately 0-20' from the hive and the dance looks very much like a circle. The Crescent Dance is performed when the food source is about 25'-75' from the hive and looks like a crescent shape where as the Waggle Dance is performed when the food source is anywhere between 115'-300'+ away from the hive. The Honeybees in the hive have a sense of communal direction always knowing where up and down is, due to gravity. The Honeybee's solar compass provides an internal clock allowing them to always know where the sun is located. Due to the Honeybee seeing ultraviolet polarizing light, they are always able to see the sun. The angle in which the honeybee dances, communicates the direction that the bees need to fly in, to find the flower. The "wagging" of the dance expresses the distance to the food, the longer the dance, the more abundant the food.

Honeybees have been around for generations unfortunately they are declining due to certain diseases and mites such as Varroa. The Honeybee is taught how to make honey and will only make one twelfth of a teaspoon in its lifetime. Out of 20,000 different species of the honeybee, only four make honey.

The next time you take a spoon of honey remember how intelligent of an insect the Honeybee truly is, coming into this world knowing how to build a hive,

learning how to make honey and working its whole life to produce one twelfth of the teaspoon you're enjoying and give thanks!