










Did you know? Fun Facts about Bees¹ and Insects²

-  A hive of **bees** flies over **55,000 miles** to bring you **one pound of honey**.
-  A honey **bee** can fly **15 miles per hour**.
-  Honey **bees** must tap **two million flowers** to make **one pound of honey**.
-  **All worker bees are female**.
-  In **one day** a honey **bee** can fly **12 miles** and pollinate up to **10,000 flowers**.
-  Approximately **2,000 silkworm cocoons** are needed to produce **one pound of silk**.
-  It takes about **100 Monarch butterflies** to **weigh an ounce**.
-  **Insects** have been present for about **350 million years**, and **humans** for only **130,000 years**.
-  There are nearly as many **species of ants (8,800)** as there are **species of birds (9,000) in the world**.

Connections

Water	Bees	Animals	Food	People
Without water, bees ¹ could not produce honey..... Bees need water to help make and cool their hives.	"Flowers and other blossoming plants have nectaries that produce sugary nectar. Worker bees suck up the nectar and water and store it in a special honey stomach. When the stomach is full the bee returns to the hive and puts the nectar in an empty honeycomb. Natural chemicals from the bee's head glands and the evaporation of the water from the nectar change the nectar into honey ¹ ".	Animals such as cattle and other livestock depend on bees' pollination for their alfalfa. ~~~~~ Ultimately all living things are dependent on plants for oxygen, and without bees there would be a lot LESS FOOD to eat.	People have used honey for centuries as a healthy food sweetener and as a healing agent. ~~~~~ Bees are the only insects that make food that we eat. ~~~~~ Healthy snack choices that use honey (Please note that honey is NOT to be consumed by children under a year old). For kid friendly recipes, and more, visit the National Honey Board's website: http://www.honey.com/consumers/kids/default.asp	The next time you see a bee flying by.... STOP and think about how much work they do for you: ~~~~~ A hive of bees flies over 55,000 miles and must tap two million flowers to bring you one pound of honey ¹ . ~~~~~ Each worker honey bee makes 1/12th teaspoon of honey in her lifetime ¹ .