

HONEY BEES AND FLOWERS

HOW DID THE HONEY BEE COME ABOUT?

- ▶ 125 MILLION YEARS AGO THERE WERE NO HONEY BEES.

THE WASP IS THE FIRST KNOWN BEE.



OVER THE NEXT 75 MILLION YEARS THE HONEY BEE DEVELOPED. SCIENCE THINKS IT WAS EASIER FOR THE WASP TO FEED ON THE NECTAR AND POLLEN THAN FIGHT FOR THE MEAT. HENCE THE HONEY BEE WAS DEVELOPED.

THE HONEY BEE ON A FLOWER

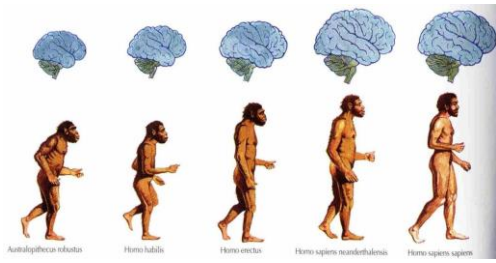


FLOWERS COULD ONLY POLLENATE BY WIND OR SELF POLLENATION. THEN THE WASP TOOK SOME INTREST IN THE NECTAR.

THE FLOWER HAS DEVELOPED MORE NECTAR AND POLLEN. THE NECTAR IS SWEET AND THE HONEY BEE LOVES THE NECTAR. BUT TO GET THE NECTAR THE HONEY BEE HAD TO DO SOMETHING FOR THE FLOWER.

WHEN THE HONEY BEE ENTERS THE FLOWER, THE FLOWER DEPOSITS POLLEN ON THE HONEY BEE. HONEY BEES ARE COVERED WITH FINE HAIRS TO COLLECT THE POLLEN. THE POLLEN IS STORED IN THE SACKS ON THE HIND LEGS.

HONEY AND MAN'S BRAIN



OVER CENTURIES THE BRAIN CAVITY OF MAN GREW.

THE ONES THAT CONSUMED HONEY DAILY HAD THE GREATEST GROWTH.

THE ONES THAT DID NOT EAT HONEY REGULARLY THE BRAIN

CAVITY IS ABOUT 1/3 LESS IN SIZE.

IT HAS ALSO BEEN PROVEN:

CONSUMPTION OF A TABLESPOON OF HONEY BEFORE BED WILL HELP

A PERSON RELAX AND GO INTO DEEP SLEEP.

THE HONEY IS PROCESSED BY THE LIVER, AND THE LIVER SENDS A SIGNAL

TO THE BRAIN WHICH STARTS THE DEEP SLEEP.

HOW DOES THE HIVE KNOW THAT THERE ARE FLOWERS OUTSIDE THE HIVE?

SCOUT HONEY BEES RETURN TO THE HIVE AND PERFORM THE WAGGLE DANCE.