

# HONEY MESQUITE

*Prosopis glandulosa*

Leafcutter Bee  
*Megachile species*

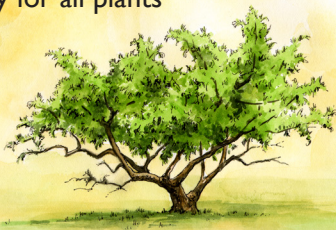


Honey Mesquite  
is one the most  
common trees of  
American Southwest

It is pollinated  
by over 160  
species of  
native bees

Its seedpods provide food for both  
wildlife and people, and it has significant  
uses in traditional medicine

It is a legume, which means it restores  
nitrogen to the soil to help make soils  
healthy for all plants



Partners:

*Sweet Virginia*   
LIFE IS HONEY™

**POLLINATOR  
PARTNERSHIP**

# BEEES NEED TREES!

## Trees Give Bees:

**Pollen (protein)** - to eat and to feed larva

**Nectar (carbohydrate)** - to eat for quick energy and to convert to honey

**Resin** - bees make into propolis to keep the hive clean and insulated

**Habitat** - hollow cavities to shelter bee hives

## Bees Give Trees:

**Pollination! Bees fertilize flowers  
so trees can make seeds that  
grow into new trees**

Trees with light pollen (like pine, oak, & nuts) use the wind to share massive amounts of pollen with each other (and cause us to sneeze!)

Fruit trees have heavy pollen (that doesn't produce allergies) and need pollinators like bees to help their pollen move from tree to tree.

Without them,  
what would we eat?

Some bee-pollinated fruit trees include:  
oranges, almonds, apples, Brazil nut, papaya,  
coconut, mango, avocado, crabapple, cherry,  
lemon, and grapefruit