

Wild at Home!

CONSERVE LEARN CARE



Birds, Bees, and Other Beneficial Organisms

Pollinators are very important to our ecosystem. They pollinate plants by going from flower to flower transferring pollen. Without pollinators, we would not be able to enjoy many delicious foods like apples, almonds, cherries, blueberries, pumpkins, and many others.

Get to Know Your Pollinators

Bees: There are over 4,000 bee species native to North America alone! From honeybees and bumblebees to carpenter bees, they prefer large flower petals for landing.

Butterflies & Moths: Butterflies are mostly pollinate by day and moths by night.

Beetles and Other Insects: Over 40% of all insects are beetles, and many provide important pollination services. They tend to visit flowers with wide, shallow, and bowl-like shapes.

Bats: are integral for night blooming flowers and Crops such as avocados.

Birds: Birds, such as hummingbirds, can also be pollinators. Flowers most frequently visited by birds tend to have tubular shapes so they can make use of their long beaks to drink nectar.

What is Pollination & What is a Pollinator?

- Pollination is when pollen grains are moved between two flowers of the same species by wind or animals. This provides for fruit and seeds, allowing plants to reproduce.
- There are over 1,000 pollinators like hummingbirds, bats, and small mammals such as mice. At over 200,000 species, the majority of pollinators are insects like beetles, bees, ants, wasps, butterflies, and moths.
- Worldwide, approximately 1,000 plants grown for food, beverages, fibers, spices, and medicines need to be pollinated by animals. Foods and beverages produced with the help of pollinators include: apples, bananas, blueberries, chocolate, coffee, melons, peaches, potatoes, pumpkins, vanilla, and almonds. Imagine a world without some of these things!
- In the U.S., pollination by honeybees and other insects produces \$40 billion worth of products annually!



Many types of pollinators, like honey bees, bumble bees, and butterflies are declining due to loss of habitat, widespread use of toxic pesticides, parasites and disease!

How you can help:

(1) not using toxic pesticides
(2) planting native pollinator habitat,
like colorful flowers, gardens, and trees
(3) telling your friends and family all
about the importance of pollinators.



Pollinators are an	imals such as butterfi tar of flowers. As the	TOR HUN lies, moths, bees, and hummin ey feed, they carry pollen fro another.	gbirds that drink
Keep a Record! Date Location Weather		Helpful Things to Take Along Pencil or pen Field guides on flowers, insects, and birds	
Take a walk outside and l	ook for flowers in	bloom. Record observa	tions below:
Sketch of flower (Include name if known.)	Color & shape	What kind of pollinators might visit?	Did you see any pollinators? If yes, what kind?

