

# CHAMPAIGN COUNTY SOIL & WATER CONSERVATION DISTRICT

In partnership with the National Association of Conservation Districts (NACD), the Champaign County Soil & Water Conservation District (SWCD) is celebrating this 65th year of Stewardship Week April 26 – May 3, 2020, focusing on the theme “Where Would We BEE Without Pollinators?”



**Ask MAXINE!**

**Question:** Besides humans, what other animals depend on pollinators for their food?

**Answer:** Lots of animals wouldn't have enough food to eat without pollinators! One example is bears. Pollinators can be a food source for bears in two ways:

- 1) Bears can eat the pollinators themselves or their larvae.
- 2) Bears can eat the fruit, nuts, roots, leaves, and seeds of plants that have been pollinated.

Many bears are considered endangered in the United States, which means that we need to do our part to protect their habitats and food sources. One way we can do this is to protect pollinators.

*Maxine worked for NACD for 47 years. That's why we always ask Maxine.*

[Click Here for the Complete Level 3 Booklet](#)

## Pollinator Preferences

**Bees** — Yellow, blue, purple flowers; there are hundreds of types of bees that come in a variety of sizes and have a range of flower preferences;

**Butterflies** — Red, orange, yellow, pink, blue; they need to land before feeding, so like flat-topped clusters (e.g., zinnias, calendulas, butterfly weeds) in a sunny location;

**Moths** — Light-colored flowers that open at dusk (e.g., evening primroses);

**Beetles** — White or dull-colored, fragrant flowers since they can't see colors (e.g., potatoes, roses);

**Bats** — Large, light-colored, night-blooming flowers with strong fruity odor (e.g., many cactus flowers); bats don't see well, but have a keen sense of smell; Green, white, cream flowers; many like simple bowl-shaped flowers or clusters;

**Hummingbirds** — Red, orange, purple/red tubular flowers with lots of nectar, since they live exclusively on flowers (e.g., sages, fuschias, honeysuckles, nasturtiums,

columbines, jewelweeds, bee balms); no landing areas needed since they hover while feeding;  
From the NAPPC Pollinator Curriculum Flies

Pollinator Word Search

Click Here for Today's Printable Word Search

Happy Stewardship week, celebrating pollinators in 2020!  
Use resources at [www.nacdnet.org/news-and-events/stewardship-week/](http://www.nacdnet.org/news-and-events/stewardship-week/) to help you answer these questions and learn more about pollinators.

## Vocabulary Words

**Anther** - a male flower part forming the top part of a stamen and bearing the pollen in sacks.

**Ecosystem** - a localized group of interdependent organisms together with the environment that they inhabit and depend on.

**Hibernate** - to be in a dormant state resembling sleep over the winter while living off reserves of body fat, with a decrease in body temperature and pulse rate and slower metabolism.

**Insect** - A six-legged, air-breathing invertebrate with a body that has well-defined segments, including a head, thorax, abdomen, two antennae, and usually two sets of wings.

**Invertebrate** - an animal that does not have a backbone.

**Mammal** - A warm-blooded vertebrate characterized by a covering of hair on some or most of the body, a four-chambered heart, and nourishment of offspring with milk from maternal mammary glands.

**Stigma** - a flower's female reproductive organ that receives the male pollen grains. It is generally located at the tip of a the style.

**Vertebrate** - an animal with a segmented spinal column and a well-developed brain.



## Experiment Instructions

[More on Flower Pigments and pH](#)

- [Pollinator Match \(Colors and pollinators\)](#)
- [Matching Flowers with Their Pollinators](#)
- [Pollinator Syndromes](#)
- [Pollinator Live link](#)
- [U of I busy pollinator link](#)
- [Pollinator Fact book FWS](#)

The 2020 Stewardship and Education materials used this week and the new NACD Pollinator Field Guide Curriculum Guide can be downloaded for free on NACD's Conservation Education Hub.

For More Information:  
[www.ccsxcd.com](http://www.ccsxcd.com)  
[www.nacdnet.org](http://www.nacdnet.org)