



## Pollinator and Compost Education 2025

**POLLINATOR  
PARTNERSHIP**

Protect their lives. Preserve ours.

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# About Pollinator Partnership

Pollinator Partnership is the world's largest nonprofit dedicated exclusively to the health of all pollinating animals. For 26 years, our mission has been to promote the health of pollinators, critical to food and ecosystems, through conservation, education, and research.

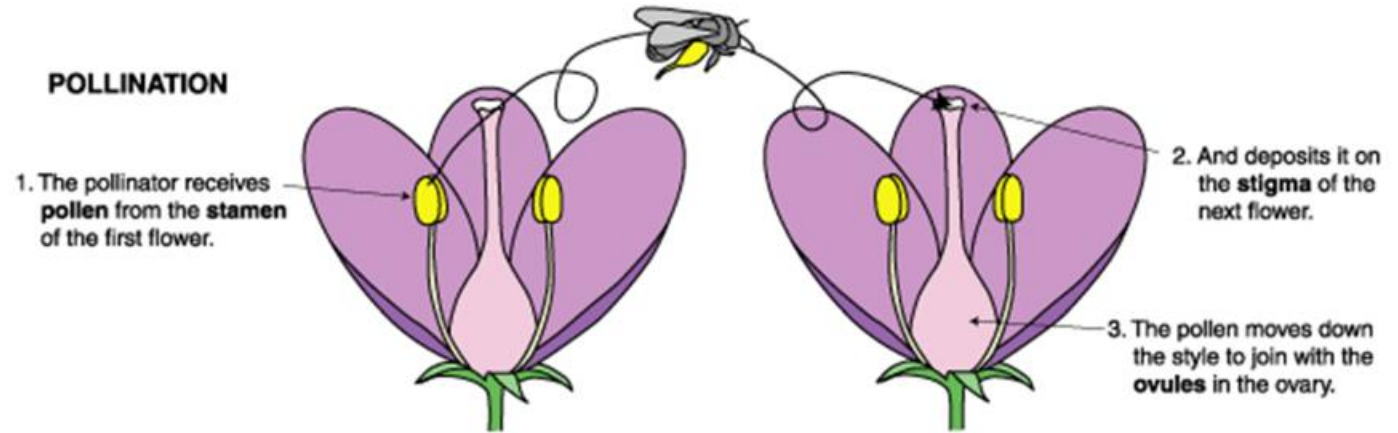


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# What is Pollination?



# Importance of Animal Pollination

**90% World's flowering plants need  
animal pollinators**

**Seeds and berries, plant material  
needed by wild animals**

**87 of the top 128 Global food crops**

**1/3 of the food we eat**

**Important nutrition: fruits,  
vegetables, seeds, nuts, oils**







Your produce choices  
*with bees*

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Your produce choices  
*without* bees

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Our Future Flies on the Wings of Pollinators

# The Bounty of Bees

Southeastern  
Blueberry Bee

Blue  
Orchard  
Bee

European  
Honey Bee

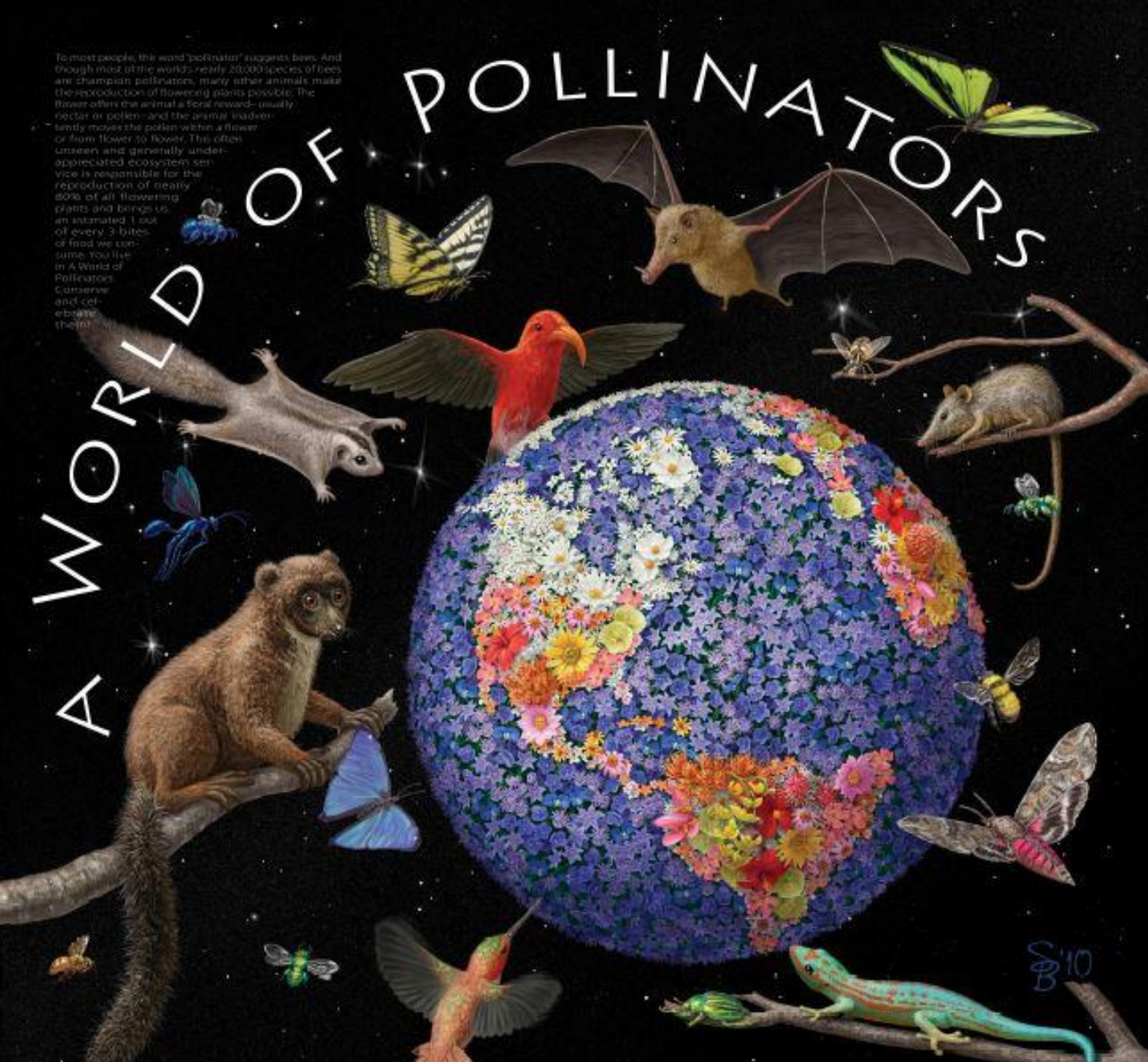
Morrison's  
Bumble Bee

Squash  
Bee

Alfalfa  
Leafcutter Bee

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To most people, the word "pollinator" suggests bees. And though most of the world's nearly 20,000 species of bees are champion pollinators, many other animals make the reproduction of flowering plants possible. The flower offers the animal a floral reward—usually nectar or pollen—and the animal inadvertently moves the pollen within a flower or from flower to flower. This often unseen and generally under-appreciated ecosystem service is responsible for the reproduction of nearly 80% of all flowering plants and beings us, an estimated 1 out of every 3 bites of food we consume, too live. In A World of Pollinators, Conserve and celebrate them!

# Who are the Pollinators?

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Honey bees important for agriculture

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# Honey Bees

Managed by humans

Not native to North America

Important for agriculture

Not a conservation concern *per se*

Not in decline

**HARD TO KEEP HEALTHY**





Over 4,000 Native Bee Species in North America!





Stephen Buchmann

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# Native Bees

**4000+ species in North America!**

**Essential for agriculture**

**Essential for native ecosystems**

**Great crop pollinators**

**MANY IN DECLINE**

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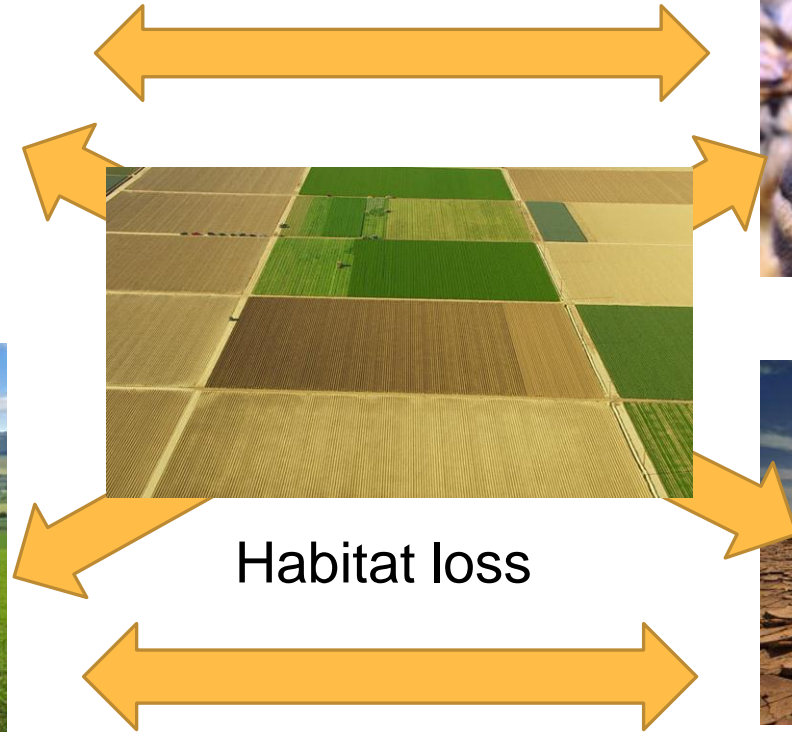




Invasive species



Pesticides



Habitat loss



Parasites, Diseases



Climate change





So, what can you do to help?

1. Habitat!
2. Outreach and Education
3. Support Conservation

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# Bee Smart® School Garden Kit

Our goal is to support teachers, administrators, guardians, youth groups, after school programs, amongst others, in guiding students through a discovery process that will increase students' understanding in science, math, and language arts by connecting them to plants, pollinators, food, and gardens by (potentially) creating habitat for pollinators.



We have developed the Bee Smart® School Garden Kit for school administrators, educators, teachers, garden coordinators, and parents for use with students in grades 3 to 6.

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graph TD; A[The Kit can be approached in 3 ways:] --- B[Using school land to create or enhance garden habitat]; A --- C[Using other demonstration areas to create or visit garden habitat]; A --- D[Using only in-classroom lessons and on-line experiences without a garden]
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**The Kit can be approached in 3 ways:**

Using school land to create or enhance garden habitat

Using other demonstration areas to create or visit garden habitat

Using only in-classroom lessons and on-line experiences without a garden

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## The Bee Smart® School Garden Kit Includes:

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- Pre-lesson and post-lesson tests
- 10 lesson plans with accompanying reproducible worksheets
- Materials for lesson plan activities
- Reproducible handouts
- Access to additional Bee Smart® School Garden Kit materials on the Pollinator Partnership website at [www.pollinator.org](http://www.pollinator.org).

Each Kit has components that can be used at school, at home, and online to maximize the learning experience.



# Lesson Plan:

- Meet the Pollinators
- What is Pollination?
- Bee Pollination
- Pollinators and Food
- Seed Germination
- Basic Bee ID
- Pollinator Habitat
- Bee Habitat
- Planting Outside
- Round Up







# Order a School Garden Kit!

AVAILABLE IN BINDER CURRICULUM OR DIGITAL CURRICULUM







So, what can you do to help?

1. **Habitat!**
2. Outreach and Education
3. Support Conservation

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