

# Pollinator Syndromes: Flowers and Their Pollinators

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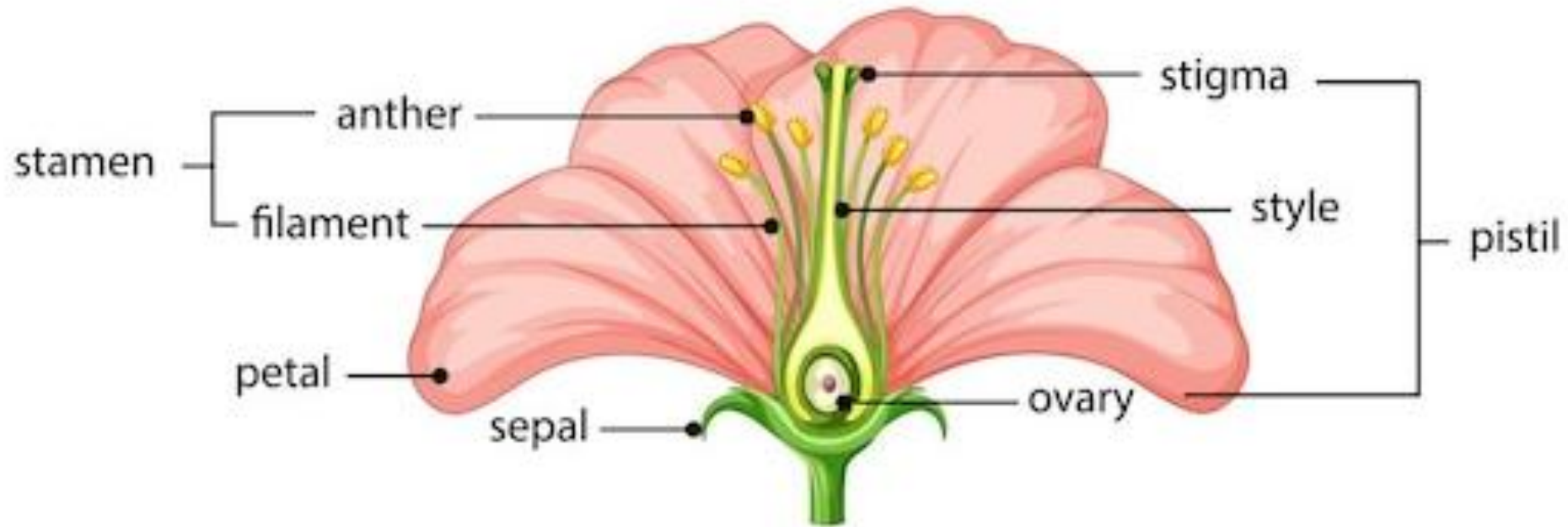
**Bobwhite Quail Initiative/Private Lands Program**



# Pollination: What is it?

- Pollination- when pollen from the anther of a flower is transferred to a stigma of a flower.

## Parts of a flower



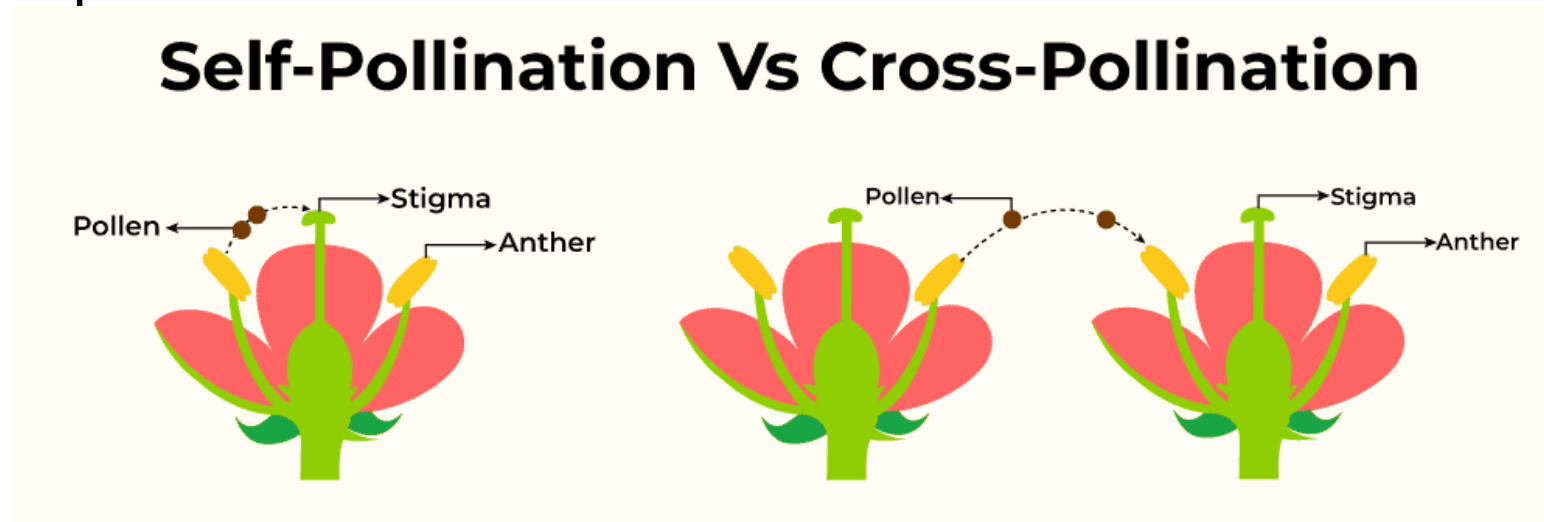
- Incomplete vs complete

# Monoecious vs Dioecious



# Pollination: What is it?

- Types of pollination:



- Agents of pollination:
  - Wind
  - Water
  - Animals (insects).....~75-80% of all flowering plants!

# Wind vs Animal Pollination

- Animal (insect) pollinated plants are normally showy, unlike wind pollinated
- How do these plants attract their pollinators?
  - Colors
  - Shapes
  - Scents
  - Food ←
- “pollinator plant”



# Pollination Syndromes

- Definition- flower characteristics that may appeal to a particular type of pollinator
- <https://www.fs.usda.gov/managing-land/wildflowers/pollinators>



# Examples of Pollinators



# Bees & Wasps



# Butterflies



# Hummingbirds



# Beetles



Tuliptree Flower  
with Ladybeetle



Joe Boggs, OSU Extension©



# Flies



# Moths



# Bats



# Challenge...

- So next time you look at the flowers in a garden, think about what type of pollinators might visit those flowers
- And/or choose specific plants for your own garden based on what kind of pollinators you'd like to attract



# Questions?



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