

Astor Naturalist Club

Meeting #2

Welcome!

- Take a notebook & some pencils
- Draw Aster Flowers & Seeds
- Have a snack

Last Week...



Importance of Pollinators



Importance of Pollinators

Almost 90% of all plants on earth require insects for pollination.



Plants that don't require insect pollination:

- Pine Trees
- Oak Trees
- Grasses (inc. wheat, rice & corn)

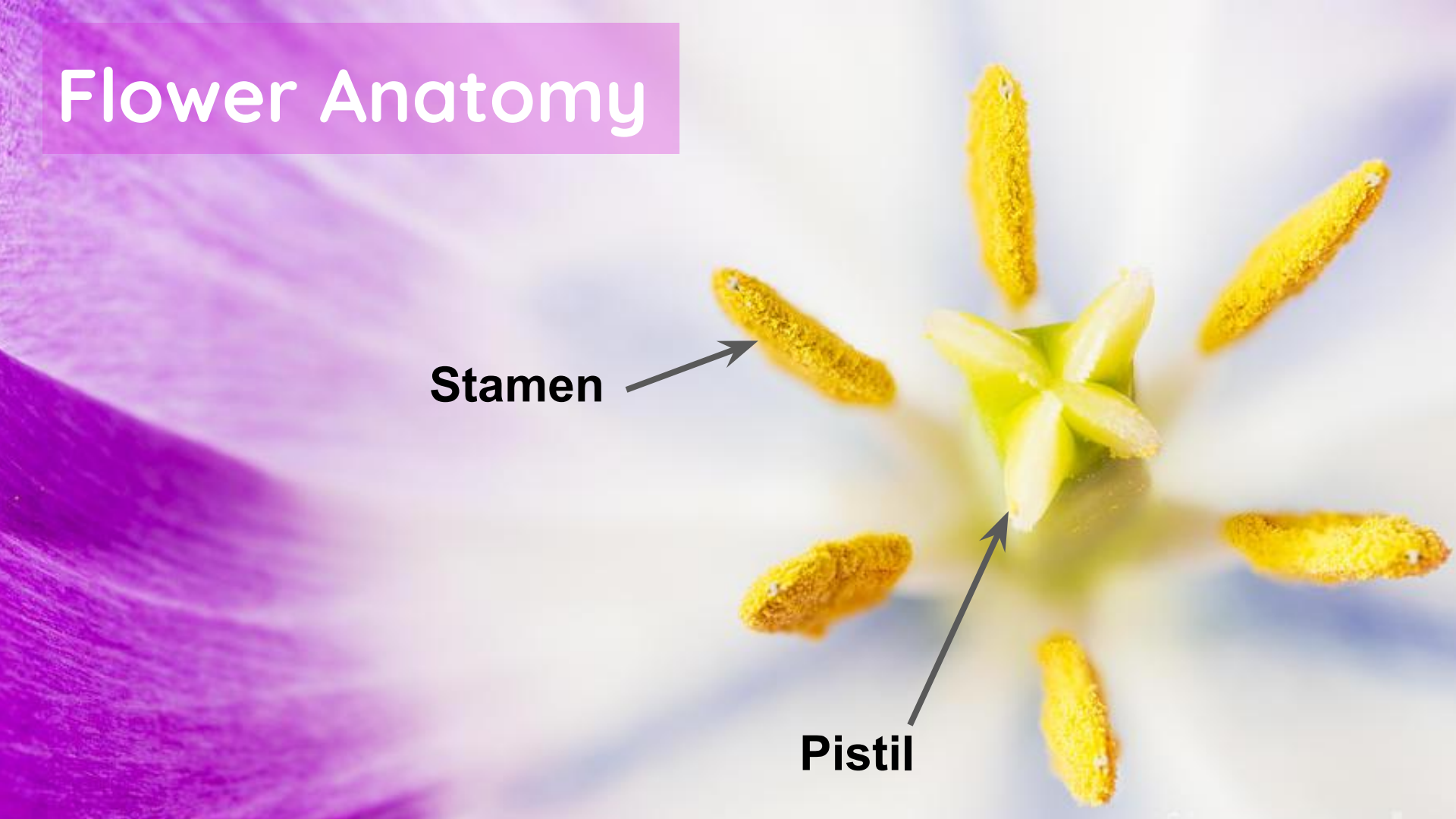
Yay allergies!

Flower Anatomy

Stamen



Pistil



Who is Pollinating?

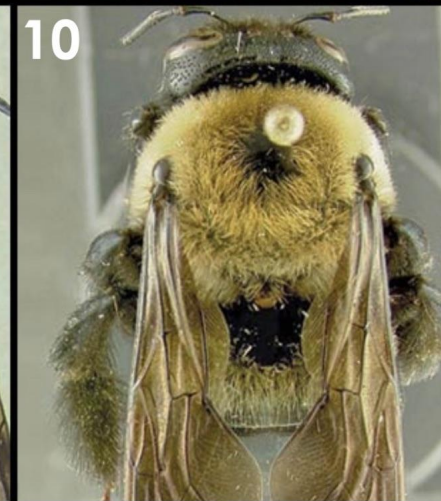


Orange Mint Moth



Honeybee

Size and Shape



Body Color



46/4,000 Bee Species Make Hives





Development Stages



Look-alikes



1



2



3



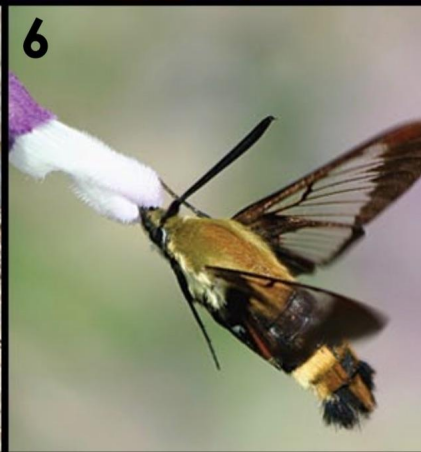
4



5



6



A Bee or Not A Bee

Bees

2 pairs of wings

Long antennae



Pollen-collecting hairs (scopa): branched

Hairy/often wider legs

Flies

1 pair of wings

Short antennae,
hard to see



No scopa

Eyes often take up
much of the face and
very close together

Shorter skinny legs

Wasps

2 pairs of wings,
often long and
narrow

Long antennae



No scopa

Long skinny legs, often with
slim body with a distinct waist

Ground Nesting Bees



Watch your step...

Explore Rain Garden

- Glue Bee Card into notebook.
- New students: Stay here for seed planting.
- Everyone else: Go into the Rain Garden and find something to document.

Harvesting Yarrow Seeds

