Powerful Pollinators

Jefferson County Extension

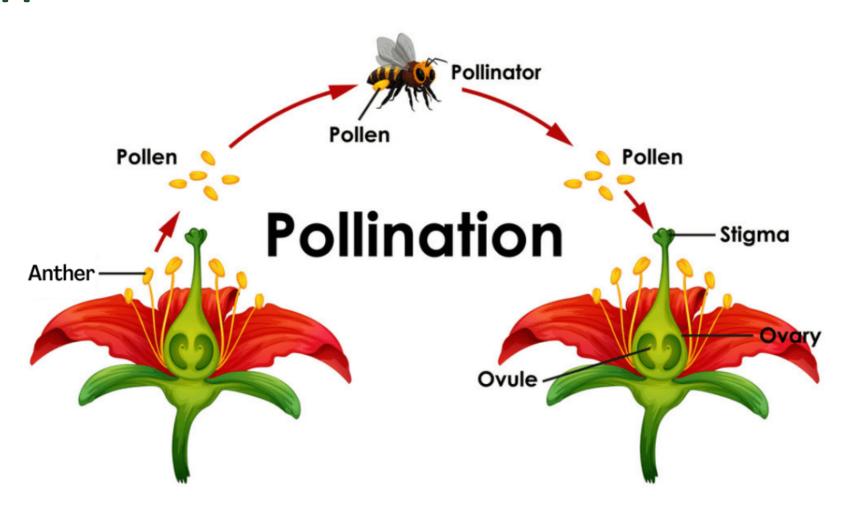


What is Extension?!

- Branch of CSU
- Bringing the education from the University to the communities
- Horticulture
- 4-H and youth



Pollination



What is a pollinator?

• Animal that moves the pollen from the anther to the stigma







Importance of Pollinators

- Food for us!
- Food for birds and insects
- Seed creation for plants to reproduce!

1 in 3 bites of food we eat are the result of animal assisted pollination.

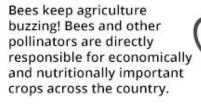




Livestock that graze on alfalfa or clover depend on these crops to be replenished from insect-pollinated seed.



Many animals depend upon the fruits, nuts, and seeds produced as a result of insect pollination, and many pollinators are important food sources for wildlife.





Pollinators assist in the reproduction of plants used for fibres such as cotton and flax.



Insect pollinated foods contain key nutrients, such as vitamin E, that are essential for our diet.



Pollinators beautify the planet by keeping Earth's flowering plants blooming.

Threats to pollinators

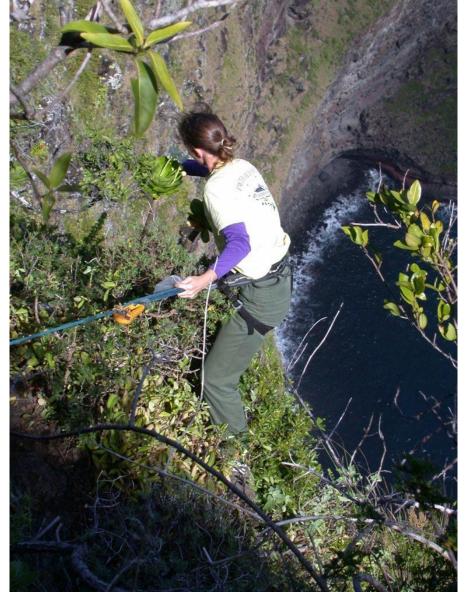
- Pesticides
- Invasive species
- Habitat loss



Alula (Brighamia insignis)

- Native to Hawaii
- Natural pollinator of plant extremely rare or extinct
- Hand pollinated!
- Center for Plant Conservation





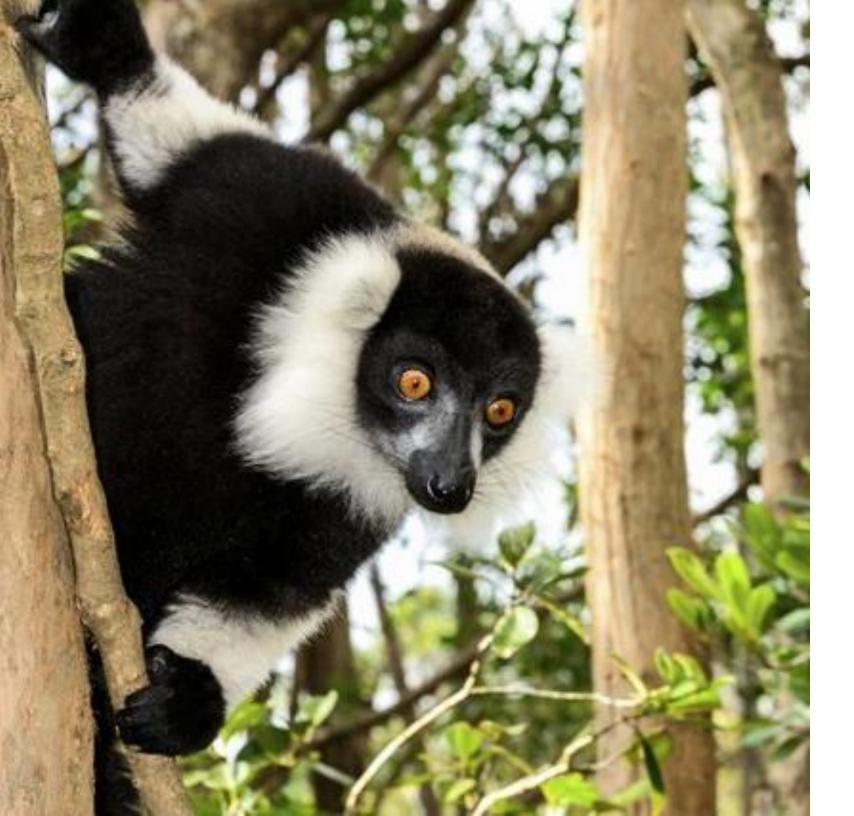
How can we help?!

- Plant diverse plants
 - Different flower colors, shapes and bloom times
- Plant natives
- Limit chemical use in the landscape
- Bee Hotels
 - Home for native bees
 - Mainly solitary bees



Who is a pollinator?!





Lemur







Day gecko Mauritius Round island









Dogs?!

• They can't pollinate!!



Chocolate Midge





Other Fly Pollinators



Tachinid fly





Mosquito



Bats



Thank you

