



Pollinator Photographer

Learning Outcomes

Learn how to take pictures of challenging subjects such as insects. Learn how to share your pictures on an online database such as iNaturalist. Learn the range of the insects you have found.

Practice your photography skills on insects while they visit flowers. Share your pictures on iNaturalist. Discover where else your insect has been found.

Challenges

Picture Perfect Pollinators

- Photograph 6 different insects from at least 4 different scientific orders (Diptera, Coleoptera, Hymenoptera, and Lepidoptera) while they are interacting with a flower. Submit these pictures on iNaturalist. Submit a list of the 6 insects you posted on iNaturalist.
- **Learning Outcomes:** *Learn how to take photos of insects and how to post them on iNaturalist.*

iNaturalist Pollinator Range

- Once you have uploaded your pollinator pictures to iNaturalist, look to see if others have also posted pictures of your 6 insects. See where else your insects can be found. Research online about the range of the given insect. Compare that with what you see on iNaturalist. Submit a brief explanation comparing the two ranges and where you can find your 6 insects that you submitted pictures of.
- **Learning Outcomes:** *Learn about insect ranges, and where to find certain species.*

Pollinator Locations

- Some pollinators are being found less and less commonly in recent years, such as the rusty-patched bumble bee. Researchers rely on citizen science data to help track population change on insects as they become endangered. Describe how the range of rusty-patched bumble bees have changed over recent years. Submit your findings.
- **Learning Outcomes:** *Learn why insect ranges, including pollinators, are important for studying how they interact with the environment and how populations are changing over time.*