# **Backyard Pollinators Research Project**

**Module 2: Learn Your Insects**

### Part 1: Familiarize yourself with the target insects

Every student should complete and submit this module. You may collaborate with your partner during the learning process, but everyone should submit this module independently.

Use the “Backyard Beetles + Pollinators ID guide” and “Tips for telling bugs apart” slideshow posted on Canvas to learn to distinguish among the nine morpho-functional groups that we will target. You do not need to have it all memorized, as you can use the guide and all available resources to help you, but you should have the basic distinguishing features well in mind. You can also take photos and use apps to help you identify insects.

Some apps useful for identifying insects include:

* <https://www.wildbeeid.org/get-the-app>
* <https://www.inaturalist.org/pages/seek_app>

You can check out identifications specifically for this project, upload your own photos, and even compete with other students around the country here:

* <https://www.inaturalist.org/projects/eren-neon-flexible-project-backyard-beetles-pollinators>

Once you feel somewhat comfortable distinguishing the insect morpho-functional groups, try the online quiz:

* [https://docs.google.com/forms/d/e/1FAIpQLSf1GklHAiviOBZ67PyzaYguFTReYJgrOuiFmmI8mouh7SX-Gw/viewform?usp=sf\_link](https://docs.google.com/forms/d/e/1FAIpQLSf1GklHAiviOBZ67PyzaYguFTReYJgrOuiFmmI8mouh7SX-Gw/viewform?usp=sf_link )

Try it without your notes first, and then re-take it as many times as you need to get a perfect score. This will help you to know which groups you are confident about, and which you should be more careful with.

**Once you have completed the quiz with a perfect score, paste a screenshot of your success here:**

Part 2: Locate, photograph, and identify five insects

Now that you have some confidence distinguishing insect morpho-functional groups online, go get some real practice.

Find and photograph five insects – this can be in the same area(s) where you plan to do your observations, or anywhere else that you can find flowers. If you are in an area without flowers, ask a classmate to send you some photos and see if you can identify them from the photo. The photos do not need to be excellent quality; annotate as needed to indicate where you saw the insect and what its features are.

**Paste your five insect photos here. Caption with your morpho-functional group designation and any other features worth noting.**