

Permit 2017-011

Name:

Jennifer Ison

Department or Organization:

The College of Wooster

Email Address:

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Are you requesting renewal of a previously approved permit applicaton?

No

Type of activities at The University of Akron Field Station and Bath Nature Preserve
Research

Title of project or class name and course number:

Bellflower Project

Date/Dates requested:

July-August

Number of people in group:

5

I am requesting permission to use a Research Area.

Yes

I am requesting permission to use a Sensitive Area.

No

I am requesting permission to use areas outside of the designated Research or Sensitive Areas.

No

I would like to use the Martin Center for Field Studies and Environmental Education for this prop...

No

Will the activity involve destructive sampling/collecting?

Yes

Which Research Areas?

Please explain how the material will be collected (including equipment), and an estimate of how m...

We will be conducting our study at the Panzner Wetland Wildlife Reserve field station. Some bee samples (~30) will be collected using nets and vials. No other materials will be collected.

Provide a brief description of (1) your proposed activities, (2) goals, and (3) impacts of your u...

(1) We will be using the Panzner Wetland Wildlife Reserve field station to study native bee pollinators that visit the American Bellflower (*Campanula americana*). We would like to supplement the natural population of American Bellflower (found at the Panzner field station) with a few potted plants that were grown in the greenhouse. These plants are also native Bellflowers and were collected as seed from nearby populations last summer. The potted plants will only be near the populations when researchers are around collecting data (i.e. they will not be left on site overnight). A bulk of our research will be observation (using cameras and camcorders when necessary). (2) Our research will explore several aspects of the bellflower-pollinator system, including pollinator efficiency and preference, the effect of abiotic factors on pollen viability, and the maintenance of pollen color polymorphism. (3) Data collected from our studies will expand our understanding of pollinator efficiency, perception of color contrast, as well as color preference. Additionally, we will be exploring pollen viability and the maintenance of pollen color polymorphism in the American Bellflower.

By checking this box, I agree to the above terms and state that all of the above information is c...
I agree