

Permit 2023-007

Response Summary:

Name:

Katherine Karkosiak

Department or Organization:

Biology

Email Address:

kqk2@uakron.edu

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:

Spider egg sac research

Date/Dates requested:

April through October

Number of people in group:

3

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?

18 Acres

Beefy's Woods
Garden Pond
Grandview Alley
Round Top
South Woods

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

We will be collecting spider egg sacs and gravid adult female spiders of common Ohio species into jars. I will be collecting up to 20 per 2-4 species.

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

We will be studying the architecture and silk fiber orientation of spider egg sacs and how it relates to the hypothesized functions of egg sacs, such as keeping the eggs from drying out and protecting against predators. By collecting egg sacs and gravid females, I realize that I could impact the delicate balance of the ecosystem at the Nature preserve. To minimize these risks, I will be collecting only species that are common to the area and highly reproductive.

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

I agree

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