

UAFS Permit 2016-010

Name:

Randy Mitchell

Department or Organization:

Biology, UA

Email Address:

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Web Address where the public can learn more about this proposed activity (optional):

<http://www3.uakron.edu/biology/mitchell/>

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:

Plant Demography of American Columbo

Date/Dates requested:

June 2016-June 2020

Number of people in group:

3

I am requesting permission to use a Research Area.

No

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.

Yes

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 areas outside of the designated Research or Sensitive Areas?

Public Access areas of Bath Nature Preserve

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

Occasional collection of seeds or flowers if the plants reproduce, to allow estimation of reproductive success

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

American Columbo (*Swertia caroliniensis*) is present at a few sites near forgotten field and up from the sled hill. This plant persists as a vegetative rosette for many years before reproducing, after which the individuals who reproduce die. In 15 years of casual observation i have never seen the BNP plants reproduce, and this project is intended to monitor them to better understand their biology, including the cues for reproduction and their reproductive biology. I will mark each plant with a metal tag so that i can record size, growth, survival and reproduction over several years.

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

I agree