

Permit 2023-006

Response Summary:

Name:

Ezra Houston

Department or Organization:

Penn State Ecosystem Science and Management

Email Address:

eph5151@psu.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:

Habitat Modeling of narrowleaf leeks (*Allium burdickii*) in North Central Appalachia

Date/Dates requested:

4/21/23 - 6/21/23

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.

Yes

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?

South Woods

Which Sensitive Areas?

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

3-5 whole plants will be collected if the population is large enough to sustain it, and 5 soil samples will be collected using a trowel.

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

Proposed Activities: documentation of *Allium burdickii* habitat including associated flora, topographic variables, and soils.

Goals: Currently, Pennsylvania and Ohio assign no conservation status to the species while West Virginia lists it as Critically Endangered. This study aims to model the habitat of *A. burdickii* in Northern and North Central Appalachia in order to inform land managers on its potential extent and occurrence within the region and help resolve state listing statuses.

Impacts: Impacts to the site will be very limited and only consist of a small number of collected plant and soil samples.

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

I agree