

**Permit 2023-002**

Name:

Julie Slater

Department or Organization:

Meadow City Native Plant Nursery

Email Address:

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

meadowcitynursery.com

Are you requesting renewal of a previously approved permit application?

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:

Local ecotype seed collection and propagation

Date/Dates requested:

04/01/2023-02/01/2025

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.

Yes

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

Yes

Will the activity involve destructive sampling/collecting?

Yes

Which Research Areas?

18 Acres

Beefy's Woods

Garden Pond

Grandview Alley

Round Top  
South Woods

Which Sensitive Areas?

Bath Pond  
Garden Bowl  
North Fork  
Tamarack Bog / Wetland

Which areas outside of the designated Research or Sensitive Areas?

Public Access areas of Bath Nature Preserve  
Steiner's Woods  
Panzner Wetlands

Please indicate any preparation or set-up you will need in the Martin Center for Field Studies an...

None

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

Native seeds will be hand-collected and stored in paper envelopes and plastic bags. Following standards outlined in the National Seed Strategy (the same as those used by the Society for Ecological Restoration and the Pollinator Partnership), we will collect no more than 20% of seed available on the day of collection, to minimize impact to the local population. (Usually we collect much less than that, amounting to less than 1 ounce.) Where possible, we collect a small amount of seed from 50 different parent plants of a given species in order to maximize the genetic diversity of our collection. We will not be collecting seed from any species that are listed as federally or state threatened or endangered.

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

Proposed activities: To collect seed from native species found within University of Akron properties and Bath Nature Preserve.

Goals: To increase the supply of genetically appropriate seed and plants in northeast Ohio, for use in both large-scale restoration and in native gardens. We will be investigating the potential of increasing the supply of seeds by working with local farmers, and we will be trialing germination methods for species not widely available for restoration.

Impacts: This project will reduce the number of seeds dispersed in the wild for some species over the course of one or two seasons. We will minimize our impact by collecting no more than 20% of seed available on the day of collection, according to the guidelines set forth by the National Seed Strategy. Because seed collectors will be walking off-trail, there is also a potential impact of trampling and introduction of invasive seeds, pests, and diseases. We will minimize these impacts by limiting collection to two people on a given day, and by cleaning and disinfecting footwear before arriving on site.

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

I agree