

**Permit 2016-004:**

Name:

Rebecca Drenovsky

Department or Organization:

Biology Department, John Carroll University

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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  
Education

Title of project or class name and course number:

BL 435L/535L Plant Ecology

Date/Dates requested:

Sept 12 2016 and Sept 26 2016

Number of people in group:

15

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...

Yes

Will the activity involve destructive sampling/collecting?

Yes

Which Research Areas?

18 Acres

South Woods

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

No set-up other than access to restrooms.

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

Sept 12: Students will be learning how to estimate plant cover and collect specimens for herbarium samples. Each new species found will be collected. To minimize disturbance, we will only collect shoot material. These samples will be collected from 18 Acres, in one of the old fields.

Provide a brief description of (1) your proposed activities, (2) goals, and (3) impacts of your u... For the proposed activities, we will make all attempts to minimize impact.

Lab Sept 12: Students will be learning how to estimate plant cover and collect specimens for herbarium samples. Each group will be responsible for collecting data from 5-10 1 m<sup>2</sup> plots, indicating presence/absence of each species in each plot. Each unique species identified will be collected (cut at the soil surface) and placed in a plant press. This lab will be completed at 18 Acres.

Lab Sept 26: Students will be learning how to estimate tree density using the point center quarter method. This is a non-destructive technique, in which each lab group will set up a 100 m long transect and collect data from at least 5 random points along the transect. At each point, the distance from the point to four of the closest trees is measured, as is the diameter at breast height. No plant material will be collected in this lab. This lab will be completed at South Woods.

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