

Application for an Educational Activity Permit for The BNP

Last Name: Mitchell First Name: Randy MI: J

Semester and year of planned use: Fall 2005

Affiliation: University of Akron Biology Department

Class(es) or Group(s) you will take on the preserve: Field Ecology (3100:418)

Briefly describe the activity to be conducted on the BNP.

Class exercises, including measurement of impatiens nectar (south woods), Tree/forest sampling (south woods), bird call playback (south woods, Beefey woods, shrubby edges of bath pond, wet forest near garden bowl, station property), stream invertebrates (north fork, bath ditch), Insect thermoregulation (Grandview alley, south woods), Pitfall sampling of arthropods (grandview alley, south woods, beefey woods), vegetation sampling (muddy edges of bath pond).

How many students per visit do you anticipate? 6 + instructor

Where will the activities take place?

Grandview Alley, South Woods, Drift, North fork, bath ditch, Beefey woods, bath pond edges (muddy and shrubby), wet forest near garden bowl, station building and station property. We will meet in the Martin Field Center building most Thursday mornings, at least briefly.

What are the anticipated dates of your visit? (we understand this may be determined by weather-but please estimate when you will use the BNP)

Thursday mornings during Fall semester 2005

Will the activity involve any destructive sampling/collecting? Yes XXX No

If so, please explain how the material will be collected (including equipment), and an estimate of how much material will be collected:

Pitfall samples will follow standard Fraser lab protocol for the Grandview Alley experiment, using simple cups sunk to ground level (these traps are part of the Fraser/Patrick study, We will take <100 pitfall samples, and will return animals once we have marked them.

Stream samples (mostly kicknets and examination of rocks) will mostly be returned to the stream, except for those retained for identification and vouchers.

The nectar project will involve destruction of perhaps 200 flowers in total, leaving the source plants intact.

What is the potential impact of your activity on nature preserve?

None to Minimal. There will be very little destructive sampling, representing only a tiny fraction of the existing material. The other projects involve only observation, and should have no impact on the preserve or its biota.

Have you looked over the web sites of the other research/activities being conducted at BNP?

Yes XXXXXX No


Are there any potential conflicts of your activity with others at BNP? Yes No XXX

Explain ...

By requesting an education permit for work at the BNP, you must agree to the following terms:

- Educators are responsible for obtaining the appropriate state or federal permits for the conduct of their activity on the BNP (e.g., when working with regulated species).
- Educators are responsible for removing all markers, etc. from their research plots when the research is completed.
- Educators must review all research projects being conducted at BNP and must defer to them when there is a conflict (e.g. if you want to conduct an activity in an area that is closed because of a research project, we will ask that you find another area within BNP for your activity).
- These permits are good for one semester only.
- Educators must abide by the rules and regulations of the BNP in any and all conduct of activities at the BNP.

By signing the request for a BNP education permit below, I agree to the above terms and state that all of the above information is correct to the best of my knowledge. I also agree to amend my above permit request if my activity plans change such that they are no longer well represented in the information supplied in this permit request. If I fail to notify the BNP oversight committee of significant changes in my research, or if I do not follow the rules of the BNP, I realize that the BNP oversight committee can revoke my research permit, and disallow any further work by me, research or otherwise, at the BNP.

Signature 
Print Name: Randy Mitchell

Date: August 2 2005

Approval:

Bath Township: _____ Date: _____

University of Akron: _____ Date: _____