

Application for an Educational Activity Permit for The BNP

PERMIT 2012-010

Name (Last, First, MI):Blackledge, Todd A

Semester and year of planned use:Fall 2012

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Class(es) or Group(s) you will take on the preserve: 3100:701 IB Techniques, 16 PhD students

Briefly describe the activity to be conducted on the BNP.

The class will learn techniques for replicated sampling of biodiversity (in this case spiders) and statistical analysis of species-abundance data. They will do by simulating a rapid assessment of spider diversity in fields vs forests adjacent to the station building.

How many students per visit do you anticipate? 16

On which "research areas" of the preserve will your activity occur? Adjacent to station building

Does your proposal involve areas that are not part of the designated research areas? no

(if yes, this permit will require approval from the Bath Trustees – this can only be sought four times a year, and so approval of your permit may take up to several months). Talk with the BNP Committee for more details.

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) Sep 5, 2012

Will the activity involve any destructive sampling/collecting ? Yes

If so, please explain how the material will be collected (including equipment), and an estimate of how much material will be collected: each student will collect all spiders found in three 10 min intervals and preserve them in ethanol to identify morphospecies. This will likely end in ~5 to 10 spiders per student for a total of 100-150 spiders

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

Minimal - the students are mostly likely to find abundant species that are present in the thousands at BNP

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

Yes

Are there any potential conflicts of your activity with others at BNP? No_____

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 will file a report of usage, listing information such as: # user days on the BNP, a summary of results of the project(s), a list of data generated and contact information for those interested in the data, and a list of publications or other products resulting from the project(s).
- 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:  Date: 1-Sep-2012

Print Name Todd Blackledge

Approval:

Bath Township: _____ Date: _____

University of Akron: _____ Date: _____