

Application for an Educational Activity Permit for The BNP

permit 2006-012

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

Semester and year of planned use: Fall 2006

Affiliation: The University of Akron

Email address: Blackledge@uakron.edu

MailingAddress: Dept. of Biology, Univ. of Akron, Akron OH 44325-3908

Class(es) or Group(s) you will take on the preserve: General Entomology 3100:451/551

Briefly describe the activity to be conducted on the BNP.

We will collect insects in a variety of different habitats on the BNP. At least three separate days will be spend collecting insects in woodland, field, and aquatic habitats. In addition to learning about the insect fauna in these different habitats, the students will also be exposed to a variety of collecting techniques including sweep netting, beating, malaise traps, hand collecting, pan trapping, kick sampling (aquatic) and blacklighting

How many students per visit do you anticipate? ___12_____.

On which "research areas" of the preserve will your activity occur? _The students will work primarily in designated research areas of the preserve. We will occasionally sample in the public and conservation areas too. Primary use areas include Grandview alley, Field Station grounds, Garden Pond, Bath Pond, Round Top, Steiner Woods and South Woods. *One laboratory will involve a

service-learning survey of the insects in the Bath Ditch versus North Fork of Yellow Creek. The data from this survey will be made available to the Bath Watershed Committee.

Does your proposal involve areas that are not part of the designated research areas? Yes

(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) Tuesdays in September & October

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: The students will kill and collect insects in all areas of the preserve using standard, humane methods (mostly nets, jars, & short-term trapping).

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

This study will have little impact. Insects are amazingly abundant and have incredible reproductive potential. The total number of insects collected by the students is likely to be less than the eggs produced by a single female of many species. Disturbance to the habitats will be minimal due to the collecting techniques employed.

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: 15-Aug-2006

Print Name: Todd A. Blackledge

Approval:

Bath Township: _____ Date: _____

University of Akron: _____ Date: _____