

## Application for an Educational Activity Permit for The BNP

Permit 2007-003

Name (Last, First, MI): \_\_\_Blackledge, Todd A\_\_\_\_\_

Semester and year of planned use: \_\_\_Spring 2007\_\_\_\_\_

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: \_\_\_Biology of Behavior Laboratory  
3100:429/529\_\_\_\_\_

Briefly describe the activity to be conducted on the BNP.

We will conduct a study of how birds alter their foraging behavior in relation to the energetic gain of seeds and distance of food from protective cover. The experiment will involve setting up four types of feeding stations two weeks prior to observation. Two stations will be close to the protective cover of the forest while two stations will be distance. One of each pair of stations will have shelled sunflowers while the other will have sunflowers still in their hulls, requiring greater effort from birds to obtain the seeds. The students will develop hypotheses about how birds will forage under these different conditions and then make observations for 2 hours to test their hypotheses.

How many students per visit do you anticipate? \_\_\_14\_\_\_\_\_.

On which "research areas" of the preserve will your activity occur? The project will be conducted on the grounds of the Martin Center for Field Research\_\_\_\_\_

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) \_\_\_\_\_March 5<sup>th</sup> or 12<sup>th</sup> 2007 (feeders setup by late Feb 2007)

Will the activity involve any destructive sampling/collecting ? \_\_ No\_\_\_\_\_

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

This study will have little impact. It will involve common seed feeding birds who likely already obtain some food from feeders at nearby houses. It will only involve food supplementation.

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: \_\_\_\_\_

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**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: 21-Nov-2007

Print Name: Todd A. Blackledge

Approval:

Bath Township: \_\_\_\_\_ Date: \_\_\_\_\_

University of Akron: \_\_\_\_\_ Date: \_\_\_\_\_