

## **Application for a Research Permit for The BNP**

### **Permit 2005-005**

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

Date: **17 – March - 2005**

Affiliation: **Assistant Professor, The University of Akron**

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Title of Research:

**Spider fauna of the Bath Nature Preserve**

Briefly describe the research to be conducted at the BNP in non-technical language (this paragraph will be used in describing your research to the public).

**This application is for a one day permit for a field trip to the Bath Nature Preserve by attendees of the 2005 Annual Meeting of the American Arachnological Society (AAS).**

**We are fortunate to be hosting the AAS meetings at the University of Akron this summer, June 26<sup>th</sup> through June 30<sup>th</sup>, which will bring more than 100 scientists from all over the Americas to our hometown. We would like to include a field trip for an expected 30 participants to visit the preserve on the last day of the meeting, 26 June 2005.**

Briefly describe the goals of the proposed research.

**The purpose of this field trip is to allow scientists from outside the area to explore the local spider fauna, to scout potential future research at the BNP, and to collect spiders**

**that may benefit their existing research programs. While some participants will merely observe and photograph spiders within the preserve, we expect that most of the 30 participants will actively collect arachnids. This will provide a valuable introduction into the diversity of spiders that can be found within the preserve because no survey of arachnid diversity has been conducted within the preserve. We plan to solicit a list of all species collected by the participants. Many of these spiders will be deposited in university and national museum collections after being studied by the participants so that they will continue to contribute to the education of scientists throughout the future.**

On which research areas of the preserve will your research occur?

**Because of the diversity of research interests of the visiting scientists, individuals will likely explore most areas of the preserve. Because some spiders are very habitat specific, this breadth is essential for building a comprehensive survey of the diversity of arachnids within the preserve.**

What are the GPS coordinates or locations of your proposed research?

**See above**

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 is the expected duration of your proposed research?

**26 June 2005 (may include nighttime collecting using headlamps)**

What is the Web address of your research outline?

<http://www3.uakron.edu/biology/blackledge/tab.htm>

Briefly outline of methods to be used. Be sure to include outlines of the equipment to be used (if any) in the research.

**Collecting will done primarily by hand (ie placing individual spiders directly into vials. Sweepneting will also be used.**

Outline the use of markers/cages/fences/etc. for your research. Note: in receiving a research permit, you must agree to remove all such research tools at the completion of your study.

**NONE**

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

**Spiders are among the most abundant arthropods at the preserve and have high reproductive rates. Therefore we expect minimal impact on the preserve. Off trail movement will be for only a single day, again minimizing impact.**

Have you looked at the listings and web sites of the research being conducted at BNP?

<http://www3.uakron.edu/biology/bath/active.html> Yes

Are there any potential conflicts of your research with others at BNP? No

**To be granted a research permit for work at the BNP, you must agree to the following terms:**

- Researchers are responsible for obtaining the appropriate state or federal permits for the conduct of their research on the BNP (e.g., when working with regulated species).
- Researchers are responsible for removing all markers, etc. from their research plots when the research is completed.
- Researchers must build a web site (immediately after being granted a permit) outlining their research at the BNP so that other researchers can avoid the proposed research site(s). Therefore, the web site must clearly outline, using one or more maps, the exact location(s) of the proposed research.

- Researchers will file an annual (due in yearly increments based on the date of the permit) and final report. Such reports will include: 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 resulting from the project(s).
- Any publications resulting from research conducted at the BNP must acknowledge the use of the preserve by referencing the BNP permit number. A copy of any such publication should be filed with the BNP committee.
- To abide by the rules and regulations of the BNP in any and all conduct of research at the BNP.

By signing the request for a BNP research 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 research 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: Todd Blackledge \_\_\_\_\_ Date: 18-March-2005

Print Name: Todd A. Blackledge

Approval:

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

Date: \_\_\_\_\_

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

Date: \_\_\_\_\_