

Field Name	Field Value
Name	Todd Blackledge
Organization	U Akron - Biology
Phone	x7264
email	blackledge@uakron.edu
Web_Address	n.a.
Renewal	No
Permit_Number	2013-003
Activity	Education
Project	3100:695 Biology of Spiders
Dates	20-may through 7 June
Group_Size	13
Research_Area	Yes
Eighteen_Acres	Yes
Beefys_Woods	Yes
Garden_Pond	Yes
Grandview_Alley	Yes
Round_Top	Yes
South_Woods	Yes
Sensitive_Area	Yes
North_Fork	Yes
Other_Areas	Yes
Public_Areas	Yes
Building	Yes
Prep_Work	classroom space, microscopes, computer projector
Sampling_Collecting	Yes
Sampling_Methods	each student (12 total) will be responsible for collecting and identifying (to family) 30 morphospecies of arachnids. They will be preserved in ethanol. Most will invariably come from common species with populations in the many thousands. We will also dust webs with cornstarch for observation, occasionally collecting them to bring back to the field station. A small number of spiders will be brought back to the field station alive for observation by the class (
Description	This three week course will include field excursions to observe spiders in their natural habitats, demonstrate collection techniques for spiders, and explore their ecologies. Independent collections of spiders by the students will them to learn about arachnid biodiversity. The primary goal is to

	supplement classroom exercises with practical knowledge of how to collect and identify spiders, techniques for studying spider ecology in the field, and to observe behaviors of live spiders. I anticipate removing no more than 500 spiders from the preserve. Although this sounds like a lot, many common species of spiders occur at densities of dozens of individuals per square yard and a single female can produce hundreds of eggs. Thus, we will have minimal impact on the BNP.
Agreement	Accept