

Field Name	Field Value
Name	Richard Londravage
Organization	Univ Akron Biology
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Web_Address	http://www2.uakron.edu/londravage/rl.htm
Renewal	No
Permit_Number	2012-011
Activity	Research
Project	Honors Research- AKT kinase expression in Cold Acclimated Bluegill Sunfish
Dates	9/26-10/31
Group_Size	4
Research_Area	Yes
Garden_Pond	Yes
Sensitive_Area	No
Other_Areas	No
Building	No
Prep_Work	none
Sampling_Collecting	Yes
Sampling_Methods	Seine for bluegill sunfish in Garden Pond. Total individuals removed =35. Fish will be warm/cold acclimated over several weeks, then euthanized to measure an enzyme in fat metabolism from their livers.
Description	We will collect bluegill sunfish from Garden Pond via seine net. We need a total of 35 fish-we will make an effort to keep only those individuals that would likely not survive the winter.
Agreement	Accept