

Field Name	Field Value
Name	Richard Lankau
Organization	Illinois Natural History Survey, University of Illinois at Urbana-Champaign
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Web_Address	http://www.inhs.uiuc.edu/~ralankau/home.html
Renewal	No
Permit_Number	Permit 2010-014
Activity	Research
Project	
Dates	summer 2010-Fall 2011
Group_Size	1
Research_Area	No
Sensitive_Area	No
Other_Areas	No
Steiners_Woods	Yes
Building	No
Prep_Work	
Sampling_Collecting	No
Sampling_Methods	
Description	This research is part of larger, multi-site project studying the ways native plants respond ecologically and evolutionarily to exotic invasions. Using six sites spread from Illinois to New York, I am investigating how three native understory plant species have changed genetically in response to invasion by garlic mustard (<i>Alliaria petiolata</i>). This involves planting genotypes of each of these species from each site back into each site (called a reciprocal transplant experiment). The ultimate goal of this research is to understand the long-term impacts of exotic plant invasions on ecosystems, and help develop improved restoration practices to mitigate these impacts. At the Field Station, this experiment will run for two summers (2010 and 2011), at which point all surviving plants will be removed, resulting in minimal if any long-term impacts for the preserve.
Agreement	Accept