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Field Name	Field Value
Name	Andrea Case
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Web_Address	http://biology.kent.edu/FacultyPages/Case/
Renewal	No
Permit_Number	2010-0013
Activity	Research
Project	Understanding geographic variation in sex ratio in gynodioecious <i>Lobelia siphilitica</i>
Dates	July-November 2010
Group_Size	4
Research_Area	No
Sensitive_Area	Yes
Bath_Pond	Yes
North_Fork	Yes
Other_Areas	No
Building	No
Prep_Work	
Sampling_Collecting	Yes
Sampling_Methods	We will collect seeds from <i>L. siphilitica</i> populations along the Bath Pond and North Fork.
Description	We will be conducting a pilot study of an experiment to test for factors that influence female fitness in populations of <i>L. siphilitica</i> . We will be planting female plants into natural populations, and measuring their fecundity, offspring sex ratios, and the pollen fertility of their offspring in order to test whether or not females may establish and invade populations of hermaphrodites. The transplants will be left in pots, and removed from the site prior to fruit ripening. This way, there will be no dispersal of genes into the native plants from the transplants, since they do not produce pollen and they will not mature their seeds in situ. We will primarily be using the plants along Bath Pond between the pond and the fieldstation for this study.
Agreement	Accept