

NORTH ATLANTIC LANDSCAPE CONSERVATION COOPERATIVE GRANT 2012 PROGRESS REPORT

Quarter: (circle one) 2012 1st 2012 2nd 2012 3rd 2012 4th

Grant Program, Number and Title: 2011-02; Use of a vulnerability index to assess species most likely to be impacted by climate change

Organization: NatureServe

Project Leader: Lesley Sneddon

Abstract: Please provide a short (1-2 paragraphs) abstract that addresses EACH of the following: the objectives of your project, accomplishments to date, future plans and timelines with an estimate for when the project will be completed.

Our overall objective is to complete the CCVI assessments of 64 species of importance to the NALCC. This quarter, we received an extension to complete the project by June 30, 2013. We completed assessments for three plants and 25 animals, and all the GIS work necessary to complete the remaining plants. In the next quarter, we will complete assessments on an additional 25 species. The remaining species and the final report will be completed by June 30, 2013.

Were planned goals/objectives achieved last quarter? Not completely: we received an extension through June 2013, and activities have been re-scaled to the new time frame.

Progress Achieved: (For each Goal/Objective, list Planned and Actual Accomplishments)

1. Convene a team of collaborators to select 60 species to be assessed using the CCVI. The set of species will include a mix of Federal Trust species of high responsibility by the NALCC, foundation species selected from habitats currently being assessed for climate change vulnerability by Manomet, and species of greatest conservation need as identified by the Northeast Association of Fish and Wildlife Agencies.
Planned: None
Actual: Completed in 2012
2. Using the NatureServe network's extensive literature and spatial databases and other pertinent sources, assemble natural history and distribution information on the species selected for assessment.
Planned: Compile natural history and distribution information
Actual: Additional natural history information was compiled for 25 animals and four plants.
3. Identify and assemble the downscaled climate predictions and other GIS data, including range maps of the selected species.
Planned: Assemble GIS map project consolidating Canada and US climate information
Actual: Range maps of all plant and non-avian species completed.

4. Apply the CCVI and document in detail the assumptions used in the assessment.

Planned: Complete CCVI assessments for 21 species

Actual: Assessments, including multiple subregions, completed for 25 animal species and one plant

5. Using CCVI results, produce a final report that translates the results into language accessible to the educated lay public. The report may include, as appropriate, potential geographic areas of relatively lower vulnerability to guide conservation decisions, and possible adaptation strategies and monitoring recommendations for individual species or guilds of species.

Planned: none this quarter

Actual: none

6. Post the CCVI assessment results on the climate change section of NatureServe's web site (<http://www.natureserve.org/prodServices/climatechange/ccvi.jsp>).

Planned: none

Actual: none

Difficulties Encountered: None

Activities Anticipated Next Quarter: Completion of assessments for 25 species (50 of 64 total species)

Expected End Date: June 30, 2013

Costs:

Total life to date expenses (include this quarter):

Total Approved Budgeted Funds:

Are you within the approved budget plan and categories? Yes

Signature:

Date: