

NORTHEAST REGIONAL CONSERVATION NEEDS GRANT 2012 ABSTRACT

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

Grant Number and Title: 2010-04 State of the Frogs: Development of Regional Analysis for Frog Call Survey Data from the North American Amphibian Monitoring Program

Grant Receipt/Organization: USGS Patuxent Wildlife Research Center

Grant Project Leader: Linda Weir

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.

The North American Amphibian Monitoring Program (NAAMP, website: www.pwrc.usgs.gov/naamp) is a collaborative effort among USGS, State Agencies, and other partners, to monitor calling amphibians abundance. The over-arching objective of this research grant is to provide a Northeast regional trend assessment for calling amphibians using NAAMP data. In support of this objective, development of modeling and trend assessment framework for regional reporting was needed to build upon existing occupancy modeling. Final products for this grant include a manuscript intended for publication in a scientific journal and an online publication of results. The online results will be made public once the manuscript is published, but a restricted access copy of the website is available for RCN to preview. This is the final quarter for the project.

NORTHEAST REGIONAL CONSERVATION NEED GRANT

2012 PROGRESS REPORT

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Grant Number and Title: 2010-04 State of the Frogs: Development of Regional Analysis for Frog Call Survey Data from the North American Amphibian Monitoring Program

Grant Receipt/Organization: USGS Patuxent Wildlife Research Center

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Were planned goals/objectives achieved last quarter?

Yes, this is the final quarter of the grant and we completed the deliverables.

Regional Conservation Need Addressed: Topic 6: Design and Implement Monitoring Protocols, Measures, and Indicators for NE Species of Greatest Conservation Need.

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

Goal 1: Develop methodological extensions for trend assessment from NAAMP data.

Goal 2: Assess regional trends for all Northeast frog and toad species with sufficient data.

This is the final quarter for our grant. Deliverables are included with this report. The manuscript of our analysis is completed and will be submitted to an appropriate journal. A website of the results has been created, but is not publically available in order to comply with journal requirements. This password protected preview website is available for RCN grant authorities to preview, contact me for further information.

Summary of Progress: (Provide a paragraph describing progress, work to come, and timelines)

The work is now completed.

Difficulties Encountered:

The biggest difficulty was a short-fall of expected in-kind match. Final in-kind match is short by about \$12,000. Because of this short-fall some work was delayed while a revised plan was developed and approved. The revised Schedule B was approved during the first quarter of 2012.

We completed regional and state level trend analysis for Northeast frogs and toads with sufficient NAAMP data using the binary (presence-absence format) dataset, but the alternate analysis (using calling index values) we had limited success with and chose not to include it in the manuscript.

Activities Anticipated Next Quarter:

Not applicable, this is the final quarter for this grant.

Expected End Date: September 2012

Costs:

Funds Expended to Previous to this Report: \$16,769.86

Amount of RCN Funds Requested within this Report: \$25,577.40

Total Approved Budgeted RCN Funds: \$42,347.26 (originally \$54,591)

Are you within the approved budget plan? We were under in the in-kind match, and thus in the amount of RNC dollars permitted. A revised Schedule B has been approved.

Are you within approved budget categories? Yes.

Signature:



Date:

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