

# **NORTHEAST REGIONAL CONSERVATION NEEDS GRANT 2012 ABSTRACT**

Quarter: (circle one)      2012 1<sup>st</sup>      2012 2<sup>nd</sup>      2012 3<sup>rd</sup>      2012 4<sup>th</sup>

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](http://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 reported is needed that will build upon existing occupancy modeling. In the second quarter of 2012 we continued model development and other associated data analysis tasks. We continue to expect the project to be completed by September 2012. Final products include a manuscript for publication in scientific journal, and an online publication of results on the NAAMP website.

# NORTHEAST REGIONAL CONSERVATION NEED GRANT

## 2012 PROGRESS REPORT

Quarter: (circle one)      2012 1<sup>st</sup>      2012 2<sup>nd</sup>      2012 3<sup>rd</sup>      2012 4<sup>th</sup>

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

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Were planned goals/objectives achieved last quarter?

Due to the delay in work caused by the budget shortfall of in-kind match, we are about one quarter behind the proposal's timeline. In the second quarter model development continued.

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.

During the 2<sup>nd</sup> quarter of 2012 work continued model development and other tasks pertaining to data analysis.

During the 3<sup>rd</sup> quarter we expect to complete the project. Thus data analysis and associated products will be completed by the end of the 3<sup>rd</sup> quarter.

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

In the second quarter of 2012 we worked model development and other tasks pertaining to the data analysis.

In the next quarter we expect to complete the project including data analysis and associated manuscript and website. We are in the process of arranging when the presentation of results will occur.

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.

Activities Anticipated Next Quarter:

Next quarter we expect to complete the project including data analysis and associated manuscript and website.

Expected End Date: September 2012

Costs:

Funds Expended to Previous to this Report: None.

Amount of RCN Funds Requested within this Report: \$16,769.86

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:

*Inda Weir*

*Alb F. Connel*

Date:

*8/6/2012*

*8/7/12*