

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Technical Assistance with Landbird Monitoring and Data Analysis

Type of Project: Technical Assistance/Research

Discipline: Natural Resources

Funding Agency: US Fish and Wildlife Service

Other Partners/Cooperators: University of Montana

Effective Dates: 9/15/2103 - 10/15/2018

Funding Amount: \$30,000

Investigators and Agency Representative:

FWS Contact: Brendan Moynahan, Lead Wildlife Biologist, National Bison Range Refuge Complex, 58355 Bison Range Road; Moiese, MT 59824; 406.644.2211

Investigator: Vicky Dreitz, Director, Avian Science Center, 32 Campus Drive, University of Montana, Missoula, MT 59812, 406/529-4557

Project Abstract: The National Bison Range Refuge Complex (NBRC) has a need for technical assistance with the design of a long-term monitoring program for breeding birds and analysis of related data. This agreement will provide the NBR with technical assistance related to development and field testing of monitoring protocols, statistical design of monitoring techniques, and quantitative analysis of monitoring data.

Objectives:

1. To provide statistical and biometric assistance with the design and writing of a long-term monitoring protocol for trends in populations of breeding landbirds and their habitats at the NBRC.
2. To explicitly link the above protocol to other major wildlife management activities on the refuge, including but not limited to bison rotational grazing systems, prescribed fire, and invasive plant species treatment.
3. To provide statistical and biometric assistance with the analysis of ecological datasets

Outcomes with Completion Dates: October 15, 2018

Keywords: land birds, monitoring, US Fish and Wildlife Service, National Bison Range Refuge Complex, University of Montana, The Avian Science Center