

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Charles M. Russell NWR Bird Inventory

Type of Project: Technical Assistance/Research

Discipline: Natural Resources

Funding Agency: US Fish and Wildlife Service

Other Partners/Cooperators: University of Montana

Effective Dates: 10/14/2014 - 7/31/2018

Funding Amount: \$69,960

Investigators and Agency Representative:

FWS Contact: Randy Matchett, USFWS, 333 Airport Road, Lewistown, MT 59457; 406-535-2800 ext. 17; randy_matchett@fws.gov

Investigator: Vicky Dreitz, Director, Avian Science Center, 32 Campus Drive, University of Montana, Missoula, MT 59812, 406/529-4557; victoria.dreitz@umontana.edu

Project Abstract: The Avian Science Center (ASC) will collect information about bird resources on the Charles M. Russell National Wildlife Refuge (CMR). Study design and data collection will follow procedures established by the Integrated Migratory Bird Program (IMBCR) and leverage data already collected in Montana to permit (1) refuge-wide density and/or occupancy estimates for a much larger number of species, (2) comparison of bird populations on CMR to those at state and regional scales, (3) establish long-trend monitoring at local and regional scales, and (4) provide robust estimates despite variability in sampling intensity from year to year.

Outcomes with Completion Dates: October 15, 2018

Keywords: bird monitoring, US Fish and Wildlife Service, Charles M. Russell National Wildlife, University of Montana, The Avian Science Center