

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Technical Support for Natural Resource Condition Assessment for Grant-Kohrs NHS, Phase 1

Discipline: Natural
Type of Project: Technical Assistance
Funding Agency: National Park Service
Other Partners/Cooperators: Montana State University
Effective Dates: 9/1/2013 - 8/31/2016
Funding Amount: \$3,782

Investigators and Agency Representative:

NPS Contact: Donna Shorrock, National Park Service, IMR, NRCA Coordinator, 12795 W Alameda Pkwy, Lakewood, CO 80228, 303-969-2585, donna_shorrock@nps.gov

Investigator: Peter Rice, 32 Campus Drive #4824, Division of Biological Sciences, University of Montana, Missoula, MT 59812-4824; voice: 406-243-2671; fax: 406-243-4184; peter.rice@mso.umt.edu

Project Abstract: The services provided by the principal investigator will significantly contribute to a collaborative project that provides an assessment of natural resource conditions for Grant-Kohrs Ranch National Historical Site (GRKO). This project is intended to assist GRKO resource management staff to assess specific park-based resource priorities and needs. Through compilation and synthesis of existing scientific information from multiple sources, and expert judgment from an interdisciplinary team of specialists, of which Dr. Olson will be a key member, the project will assist NPS in defining specific park priorities. The project objectives include: characterize park biological and physical resource conditions at appropriate scales; define threat and stress factors and their relationship to identified resources; identify critical data gaps; and suggest data collection or resource investigations to address those gaps. The project will define resource conditions, threats, and stressors for GRKO. These factors are evaluated and depicted spatially (to the extent possible) to facilitate use of project findings in a wide variety of park decision and planning processes, and for use in park reporting to the Department of the Interior's Strategic Plan land health goals.

Outcomes with Completion Dates: Final report: August 1, 2016

Keywords: natural resource assessment, technical assistance, Grant-Kohrs Ranch NHS, Montana State University