

Project Completion Report Rocky Mountains Cooperative Ecosystem Studies Unit (RM-CESU)

Project Title: Develop Site Specific Cattle Grazing Strategies to Improve Range Health and Diversity

Project Code: P11AT00056 UWY-142

Type of Project (Research, Technical Assistance or Education): Research

Funding Agency: National Park Service

Partner University: University of Wyoming

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Start Date of Project: May 22, 2011

End Date of Project: March 31, 2013

Funding Amount: \$10,000

Project Summary, including descriptions of project deliverables, work accomplished and/or major results. If the information is restricted (e.g. location of endangered species or cultural resources), indicate the title and location of the final report. Also add web sites where project-related information may be found.

Title: Bighorn Canyon National Recreation Area Grazing Project.

The project included placement of eleven permanent transects in five pastures in the park. Data was collected from each transect including plant species and percent cover. A word document was compiled that included the transect data and recommendations for grazing in each area. The recommendations included timing, duration and grazing intensity specific to each pasture. The information from the final report will allow us to work with the neighboring ranchers incorporating their cattle into the grazing plan as they trail through the park each spring and fall.

Number of students participating in this project: undergraduates, graduate students, degrees conferred. 1 undergraduate student