

## Project Summary

### Rocky Mountains Cooperative Ecosystem Studies Unit

**Project Title:** Bison Literature review  
**Discipline:** Natural Resources  
**Type of Project:** Education  
**Funding Agency:** National Park Service  
**Other Partners/Cooperators:** Utah State University  
**Effective Dates:** 8/1/2006 - 8/3/2007  
**Funding Amount:** \$2350  
**Investigators and Agency Representative:**  
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**Project Abstract:** The purpose of this project is to compare the biology, ecology, and behavior of cattle to bison through a synthesis of documented studies. This information will be used to develop management recommendations to parks about the scientifically documented benefits, problems, and opportunities associated with these herbivores. This work is relevant as an increasing number of parks are considering adding cattle/bison to their weed or landscape management programs. Funding for this project is from the NPS-Biological Resource Management Division, and is an outgrowth of the "Livestock and Landscapes" workshop held in March 2006.

**Outcomes with Completion Dates:** Develop a review of the literature to compare the ecology, biology, and behavior of bison and cattle. Include a matrix of relevant similarities and differences. Submit the following products by August 3, 2007:

- ◆ Bibliography of 100+ relevant articles organized by topic and year
- ◆ Photocopies of key articles
- ◆ Executive summary detailing findings

**Keywords:** bibliography, bison, cattle, Grant-Kohrs Ranch National Historic Site, Utah State University