

## **Project Summary**

### **Rocky Mountains Cooperative Ecosystem Studies Unit**

**Project Title:** Inventory of Plants at Sand Creek Massacre NHS.  
**Type of Project:** Research  
**Funding Agency:** National Park Service: RM-CESU and SOPN  
**Other Partners/Cooperators:** Colorado State University  
**Effective Dates:** 3/15/2005 - 6/1/2007  
**Funding Amount:** \$29,610

#### **Investigators and Agency Representative:**

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#### **Project Abstract:**

Sand Creek Massacre NHS is a new NPS unit located in SE Colorado. It is a part of the Southern Plains I&M network. The objectives of this inventory are:

- Plant species list for SAND - The goal of the species list is to document 90% of the species present at SAND. This will be assessed by the number of new species detected per unit of time spent in the field and the opinion of Dr. Roath.
- Mounted voucher specimens - Two vouchers for each species will be dry pressed, prepared and mounted. One set of specimens will be on a long-term loan at a University with a loan agreement in place and the other set will be stored at Bent's Old Fort National Historic Site. Specimen collected in National Park Service areas are considered property of the National Park Service. To meet the requirements of 36CFR 2.5g, collected specimens will be labeled with NPS accession and catalog numbers. The collection data must be in a format compatible with ANCS+ database. Copies of field notes, raw data, final reports, and other records associated with the research proposal will also be accessioned and cataloged with the specimens. T&E species will not be collected.
- Annual activity report describing progress over the 2005 calendar year.
- Final Report. This report shall contain a complete summary of the work completed by Colorado State University. Copies of raw data and any spatial vector or boundary files created will also be submitted with this report.
- Final Report Summary, 1-2 pages in non-technical terms. This summary should be written for a non-scientific audience and be in the format that can be easily integrated into other park publications (interpretive programs, general management plans).
- Data entered into NPSpecies and ANCS+.
- Certification of all species collected during this study as well as preliminary collections gathered since the park was established (<100 records) in NPSpecies database. Colorado State University will certify the plant species list for SAND subject to NPS protocols.

#### **Outcomes with Completion Dates:**

Final Project Report and Final Report Summary-30 January 2007

End date of project - June 1, 2007

**Keywords:** plant inventory, Sand Creek Massacre, Colorado State University, Southern Plains I&M network, voucher specimen

#### **For Administrative Use Only:**

Date Annual Report Received:

Date Final Report Received:

Publications, etc. on file: