

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Title: Rare and Sensitive Plant Survey for the Reconstruction of the Grand Lake Entrance Station

Discipline: Natural

Type of Project: Technical assistance

Funding Agency: National Park Service

Other Partners/Cooperators: Colorado State University

Effective Dates: 7/1/07-3/30/2008

Funding Amount: \$1750

Investigators and Agency Representative:

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Investigator: Denise Culver, Colorado Natural Heritage Program, Colorado State University, 232 Forestry Building, Fort Collins, CO 80523, Office phone: (970)-491-2998, dculver@lamar.colostate.edu

Project Abstract: Rocky Mountain NP and Colorado State University, Colorado Natural Heritage Program, will cooperate to survey for rare and sensitive plant species at the site of a proposed kiosk reconstruction at the Grand Lake Entrance Station, Rocky Mountain NP (ROMO). The Colorado Natural Heritage Program (CNHP) will conduct this survey within the limits of disturbance (1.9 acres maximum) of the proposed entrance station construction. Rare and sensitive plants (G1S1-G3S3) are defined by the Colorado Rare Plant Field Guide (Spackman et al. 1997 and ROMO's ESA and State Threatened & Endangered and rare specie lists 2005). A list of those threatened and endangered, rare and sensitive species known to occur in Rocky Mountain National Park has been provided to CNHP. Proposed study dates are **the last week of July through the first week of August, 2007** to ensure each study area is searched during flowering and fruiting periods of species most likely to occur in the area. Digital photos will be taken of any populations found.

Outcomes with Completion Dates:

- Locations of rare and sensitive plants (G1S1-G3S3). Locations will be documented by using GPS Units. Extent of plant locations will be marked with pin flags. Significant plant associations (G1-G3) will also be noted.
- Digital photos of plant locations
- One hard copy and one electronic copy of the final report, due September 30, 2007, to be delivered to the ROMO key contact, and one electronic copy is to be provided the RM-CESU.

Keywords: Rocky Mountain NP, rare plants, kiosk construction, Grand Lake Entrance Station, Colorado State University, Colorado Natural Heritage Program