

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Cheatgrass Control and Community Restoration in Rocky Mountain National Park
Type of Project: Research
Funding Agency: National Park Service
Other Partners/Cooperators:
Effective Dates: May 30, 2004 - December 3, 2006
Funding Amount: \$100,893
Investigators and Agency Representative: <u>Park Contact:</u> Terry Terrell, Rocky Mountain National Park, 1000 Highway 36, Estes Park, Colorado 80517, (970) 586-1394, terry_terrell@nps.gov <u>Principal Investigator:</u> Cynthia S. Brown, Assistant Professor, Bioagricultural Sciences and Pest Management, 1177 Campus delivery, Colorado State University, Fort Collins, CO 80523-117, (970) 491-1949, csbrown@lamar.colostate.edu
Project Abstract: The ultimate goal of the proposed research is to establish a critical understanding of and practical methods for restoring cheatgrass invaded sites in ROMO to native late-successional, perennial grass and shrub dominated communities. The roles and interactions of native seed mixes, AMF, and N levels in restoration will be investigated.
Outcomes with completion dates (reports, publications, workshops, videos, etc.): <ol style="list-style-type: none">1) Short one to two paragraph quarterly updates are to be provided via electronic mail to the ROMO key contact.2) One hard copy and one electronic copy of an annual report describing progress, due May 31, 2005, to be delivered to the ROMO key contact.3) One hard copy and one electronic copy of the final report, due October 31, 2006, to be delivered to the ROMO key contact, and one electronic copy is to be provided to Kathy Tonnessen at the Rocky Mountains CESU.4) An oral presentation will be provided to the ROMO staff describing the research findings and the resulting management implications of this work.5) At least one article will be published in a professional journal.
Keywords: Rocky Mountain National Park, cheatgrass, Colorado State University, restoration, native grasses, nitrogen levels in soil
<u>For Administrative use only:</u> <i>Date Annual Report Received:</i> <i>Date Final Report Received:</i> <i>Publications, etc. on file:</i>