

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: 2004-2005 Invasive Plant Inventory for Northern Colorado Plateau Network Parks,
Type of Project: Research
Funding Agency: National Park Service
Other Partners/Cooperators: Utah State University
Effective Dates: May 1, 2004 - March 30, 2006
Funding Amount: \$131,792
Investigators and Agency Representative: NPS KEY OFFICIAL: Thom O'Dell, National Park Service, Northern Colorado Plateau Network, PO Box 848, Moab, UT 84532, ph 435-719-2358, thom_odell@nps.gov PRINCIPAL INVESTIGATOR: Dr. Steve Dewey, Invasive Plant Scientist, USU Agricultural Experiment Station Utah State University, 4810 Old Main Hill, Logan, UT 84322, ph (435) 797-2256, steved@ext.usu.edu
Project Abstract: <p>Invasive plants have been identified as one of the largest collective threats to natural systems integrity of parks across the Northern Colorado Plateau Network (NCPN). In order to better understand distribution and occurrence of invasive plants in these parks NCPN entered into a multi-year invasive plant mapping project with specialists at Utah State University in 2002. This project has resulted in invasive plant mapping work being conducted at nine network parks (CANY, NABR, ARCH, HOVE, BLCA, ZION, DINO, CARE and COLM) during the 2002 and 2003 field season. Funding for this work came from several sources including network funding and individual park funding. Substantial support was provided through an NRPP grant that IMR Ecologist Pam Benjamin secured on behalf of Intermountain Region parks. Additional funding in 2003 was received from the Colorado Plateau Exotic Plant Management Team (EPMT). Field methods for these inventories were based on the Intermountain Region Invasive Plant Mapping Guidelines. Methods were field tested in 2002 at DINO and then applied to a wide suite of parks in 2003. Project reports, documenting inventory results have been prepared by Utah State University each year.</p> <p>This current task agreement covers additional mapping work for the 2004 and 2005 field seasons. Utah State University will supply field crews during each of the two field seasons to conduct on-the-ground invasive plant mapping in network parks.</p>
Outcomes with completion dates: <ol style="list-style-type: none"> 1. Preliminary Field Season Report - Sept 30, 2004 2. Draft 2004 Report & Data Products - Dec 15, 2004 3. Final 2004 Report & Data Products - Jan 15, 2005 4. Preliminary Field Season Report - Sept 30, 2005 5. Draft 2005 Report & Data Products - Nov 15, 2005 6. Final 2005 Report & Data Products - Dec 15, 2005
Keywords: invasive plant inventory, Northern Colorado Plateau I&M Network, Utah State University, non-native plants, Canyonlands, Natural Bridges, Arches, Hovenweep, Black Canyon of the Gunnison, Zion, Dinosaur, Capitol Reef, Colorado National Monument, exotic plant management team
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