

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Initiate An Intermountain Region Noxious Weed Inventory & Mapping Program - Continuation
Type of Project: Research/natural resources
Funding Agency: National Park Service
Other Partners/Cooperators: N/A
Effective Dates: September 1, 2003- December 31, 2004
Funding Amount: \$47,700
<p>Investigators and Agency Representative: NPS CONTACT: Pam Benjamin, NPS-IMR-NRRT, PO Box 25297, Denver, CO 80225, 303-969-2865; pamela.benjamin@nps.gov</p> <p>UNIVERSITY CONTACT: Leslie Schmidt, 309 Montana Hall, Montana State University, Bozeman, MT 59717-2460 Phone: 406-994-2381 lschmidt@montana.edu</p> <p>INVESTIGATOR: Shana Wood, Project Coordinator, Dept of Land Resources and Environmental Sciences, Montana State University, Bozeman, MT 59717-3120 406-994-6599 sdwood@montana.edu</p>
<p>Project Abstract: This multi-year project has the objective of developing field survey design and then mapping the important invasive plants in each of the subject parks (GLAC, BICA, LIBI, GRSA, DETO and GRKO). The MSU investigators will gather hardcopy and/or digital mapping resources such as 7.5' quadrangles or Digital Raster Graphics (DRG's), aerial photographs or Digital Ortho Quarter Quadrangles (DOQ's), and site-specific maps from the individual parks. The field staff will meet with park personnel to develop mapping strategies such as identifying survey areas based on access, topography, hydrography, vegetation type, management areas, and special uses. In addition, using topographic information, planning will be performed with Trimble Navigation's Pathfinder Office® software to determine the availability of GPS satellites for the park area to be mapped.</p>
<p>Outcomes with completion dates: Hardcopy weed infestation maps Digital weed infestation maps Digital geodatabase of weed infestation layers Metadata for each park's weed dataset Final report including summary of hectares inventoried and infested December 31, 2004</p>
<p>Keywords: Intermountain Region, noxious weed inventory, invasive plants, Grant-Kohrs Ranch NHS, Devils Tower NHS, Little Bighorn NB, Glacier NP, Great Sand Dunes NP&P, Bighorn Canyon NRA.</p>
<p><i>For Administrative use only:</i> <i>Date Annual Report Received:</i> <i>Date Final Report Received:</i> <i>Publications, etc. on file:</i></p>