

**Project Summary**  
**Rocky Mountains Cooperative Ecosystem Studies Unit**

<b>Project Title:</b> Initiate An Intermountain Region Noxious Weed Inventory and Mapping Program - Continuation of MSU 44
<b>Type of Project:</b> Research
<b>Funding Agency:</b> National Park Service
<b>Other Partners/Cooperators:</b> Utah State University
<b>Effective Dates:</b> April 15, 2004 - August 30, 2006
<b>Funding Amount:</b> \$51,683
<b>Investigators and Agency Representative:</b> NPS KEY OFFICIAL: Pam Benjamin, NPS-IMR-NRRT; PO Box 25297; Denver, CO 80225 303-969-2865, <a href="mailto:pamela_benjamin@nps.gov">pamela_benjamin@nps.gov</a>  <u>PRINCIPAL INVESTIGATOR:</u> Shana Wood, Dept of Land Resources and Environmental Sciences, Montana State University; Bozeman, MT 59717-3120; Phone 406-994-6599, <a href="mailto:sdwood@montana.edu">sdwood@montana.edu</a>
<b>Project Abstract:</b> This is the third year of a project to map exotic plants in parks of the Intermountain Region, including GLAC, BICA, LIBI, GRSA, DETO and GRKO. This project has focused on developing field survey design and mapping/sampling methods. These processes include gathering 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 park that will assist with weed mapping. Information gathering has involved communicating with park personnel to develop mapping strategies, such as identifying survey areas based on access, topography, hydrography, vegetation type, management areas, and special uses.
<b>Outcomes with completion dates:</b> (1) Hardcopy weed infestation maps, (2) digital weed infestation maps, (3) digital geodatabase of weed infestation layers, (4) metadata for each park's weed dataset, (5) final report including summary of hectares inventoried and infested. - Project Final Reports and Products due to parks and NPS Technical Representative for review - March 15, 2005 End Date of Project: August 30, 2005
<b>Keywords:</b> NPS Intermountain Region, noxious weed inventory, exotic plant mapping, Montana State University, Glacier NP, Little Bighorn Battlefield NM, Grant-Kohrs Ranch NHS, Great Sand Dunes NM&P, Devils Tower NM, and Bighorn Canyon NRA
<b><u>For Administrative use only:</u></b> <i>Date Annual Report Received:</i> <i>Date Final Report Received:</i> <i>Publications, etc. on file:</i>