

**NPS  
PROJECT SUMMARY**

**Cooperative Ecosystem Studies Unit  
Cooperative Agreement Modification**

FUNDING AGENCY: **National Park Service—Dinosaur National Monument**

MODIFICATION NO.: [CESU info only]

COOPERATIVE AGREEMENT NO.: **H1200040002**

FUNDING AMOUNT: \$ 3,500

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**Co-Investigator: Christo Morris (graduate student)**

PROJECT TITLE: [Continuation of] **Invasive Plant Management and Restoration Plan for the Cub Creek Watershed—Dinosaur National Monument (Utah) [Continuation of USU-05 and USU-11]**

EFFECTIVE DATES: **June 18, 2004 through January 31, 2005**

PROJECT ABSTRACT: **Dinosaur National Monument (DINO) has identified a need for a comprehensive invasive weed management (IWM) plan, with appropriate environmental and public review, as required by the National Environmental Policy Act. The Josie Morris Cabin/Cub Creek drainage area contains high-value resources that are incurring impacts from an expanding Russian knapweed infestation. Limited research has been conducted on IWM systems for Russian knapweed. The goal of this project is to develop an IWM plan for the Josie Morris Cabin/Cub Creek drainage area in DINO that will provide for maintenance and/or restoration of ecologically healthy, relatively weed resistant plant communities, while maintaining NPS land use objectives. By focusing on the Cub Creek drainage, we intend to develop a fully integrated program in partnership with grazing permittees, neighboring land owners and land management agencies, county weed boards, local educational institutions, stakeholders, and other interested parties. We expect to complete the project with a NEPA-compliant plan that is ready for implementation. We envision a long-term weed management and restoration program that considers plant life history traits, site conditions, and environmental, social and economic constraints. We will identify and develop opportunities for community involvement in education, monitoring and volunteer activities.**

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**List of Key Words:** *invasive plants, restoration, integrated weed management*

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*Annual Report Received:*

*Final Report Received:*

*Publications on File:*

*This Modification is subject to all the provisions included in the Cooperative Agreement, dated 6/18/04.*

*Attach any supporting material as necessary.*