

NPS
PROJECT SUMMARY
Cooperative Ecosystem Studies Unit
Cooperative Agreement Modification

FUNDING AGENCY: **National Park Service**

MODIFICATION NO.: [insert #]

COOPERATIVE AGREEMENT NO.: **1200-99-009**

FUNDING AMOUNT: \$ **63,000**

INVESTIGATORS Contact Information: [please list all CO-Pis contact information]

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PROJECT TITLE: [insert title]

Evaluation of Effects of Re-Operation of Flaming Gorge Dam On Threatened Ute Ladies_Tresses Orchid (Spiranthes diluvalis), Green River between Flaming Gorge Dam and Jensen

EFFECTIVE DATES:[start/end date]

6/01/00 through 4/01/01

PROJECT ABSTRACT: [insert short description of project]

The proposed research will focus on understanding the relationship between geomorphic processes on the Green River and the ecology of the federally threated *Spiranthes diluvalis*. The alluvial deposits of the Green River, including pre- and post- Flaming Gorge Dam flood plains and terraces, and the distribution of *S. diluvalis* will be mapped from Flaming Gorge Dam through Browns Park and Dinosaur National Monument to Jensen, Utah. The objectives of this work are to (1) identify the influence of past flow regimes on *S. diluvalis* distribution downstream from Flaming Gorge Dam, (2) better predict the effects of dam releases on existing occurrences of *S. diluvalis*, and (3) estimate flow characteristics which may be beneficial to habitats. The proposed research will also provide a framework from which a long-term *S. diluvalis* monitoring plan can be developed.

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List of Key Words: [Insert key words]

Agency Manager contact information @ Specific Park:

Dinosaur National Monument
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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 6/22/99.

Attach any supporting material as necessary.

