

## **Project Summary**

### **Rocky Mountains Cooperative Ecosystem Studies Unit**

**Project Title:** Fens of Yellowstone National Park: Identification, Classification, Geochemistry, Floristics and Vegetation

**Type of Project:** Research

**Funding Agency:** National Park Service

**Other Partners/Cooperators:** Colorado State University

**Effective Dates:** 9/1/2004 - 9/30/2001

**Funding Amount:** \$10,000

**Investigators and Agency Representative:**

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**Project Abstract:**

This project is to identify, map, and characterize the hydrologic regimes, peat thickness, water chemistry, flora and vegetation of 160 fens in Yellowstone National Park, and determine their contribution to regional biodiversity. The research will occur over two years. A GIS-based map of Yellowstone National Park fens, a classification of fen types based upon elevation, landforms, water chemistry and vegetation, and a fen flora will be produced. The final products will be a master's thesis and report including all data and analyses, and a paper submitted to an international journal for publication.

**Outcomes with Completion Dates:**

The final products will be a master's thesis and report including all data and analyses, and a paper submitted to an international journal for publication. (Due 09-30-2006)

**Keywords:** fens, geochemistry, floristics, vegetation mapping, Yellowstone National Park, Colorado State University

**For Administrative Use Only:**

Date Annual Report Received:

Date Final Report Received:

Publications, etc. on file: