

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Student Intern for herbarium and restoration work at Glacier National Park
Type of Project: Technical Assistance/Education/biological resources
Funding Agency: National Park Service
Effective Dates: June 1, 2003 - February 1, 2004
Funding Amount: \$6,507
Investigators and Agency Representative: NPS Key Official: Tara Carolin, Plant Ecologist, Glacier NP, West Glacier, MT 59936; (tara_carolin@nps.gov ; ph 406-888-7919) UNIVERSITY CONTACT: Bill Swaney, Instructor, Salish Kootenai College, P O. Box 117, Pablo MT 59855, (406) 275-4896 william.swaney@skc.edu
Project Abstract: The summer program is a 16 week internship lasting from June 9 to September 26, 2003. Fifty percent of the time will be in an office setting entering data in the Glacier National Park herbarium database and 50% will be working in the field with the park's nursery and restoration program. Herbarium project: The intern will help organize the Glacier National Park herbarium and complete data entry for collected specimens. The intern will gain experience in plant classification and scientific nomenclature, data entry using FoxPro and Access, museum archiving, and herbarium organization and care. The intern will complete the following tasks: <ul style="list-style-type: none"> • Receive training in NPS database entry and herbarium filing. • Enter descriptive data for about 700 mounted herbarium specimens in NPS database. • Use database to automatically generate herbarium labels. • Park Ecologist will proofread labels. • Affix labels to herbarium mounts and file specimens in herbarium cabinets. • Check database for errors and make corrections under direction of park staff. Restoration project: The intern will assist with Glacier's Vegetation Management Program. The intern will gain experience in site evaluation, seed and plant collection, plant propagation, production and maintenance, project planting and monitoring. The intern will participate in and assist with several, if not most, of the following activities. <ul style="list-style-type: none"> • Seed collection • Caring for plants in native plant nursery • Planting vegetation in the field • Site rehabilitation (campgrounds, pullouts, etc.) • Monitoring, data collection and recording • Fire effects monitoring • Weed surveys and treatment • Data entry, GPS use and ArcView mapping
Outcomes with completion dates:
Keywords: Glacier National Park, student intern, herbarium, restoration
<u>For Administrative use only:</u> <i>Date Annual Report Received:</i> <i>Date Final Report Received:</i> <i>Publications, etc. on file:</i>