

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Measuring Impacts to Rare Peripheral Arctic-Alpine Plants at the Edges of Permanent Snow Fields/Glaciers that are receding due to Climate Change in Glacier National Park

Type of Project: Research
Discipline: Natural
Funding Agency: National Park Service
Other Partners/Cooperators: Montana Tech
Effective Dates: 5/1/2012 - 6/1/2013
Funding Amount: \$10,000

Investigators and Agency Representative:

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Project Abstract: The main components of this research study are: (1) conduct preliminary literature review on snowbed plant communities and potential impacts to these communities under a changing climate; (2) the establishment of a methodology to track rare and endemic species, as well as other vegetation, in these snowbed communities; (3) the installation of plots at several 'pilot' sites listed above; (4) collection of data at these pilot sites; and (5) write and submit a final report.

Outcomes with Completion Dates:

Draft final report due by October 15, 2012

Keywords: climate change, impacts, rare peripheral arctic-alpine plants, permanent snow fields, glaciers, Glacier National Park, Montana Tech