

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: GREATER GLACIER BEAR PROJECT
Type of Project: Research/biological sciences
Funding Agency: National Park Service
Effective Dates: August 1, 2003 - December 1, 2005
Funding Amount: \$69,000
Investigators and Agency Representative: NPS KEY OFFICIAL: Jack Potter, Glacier National Park, West Glacier, MT 59936, 406-888-7821; jack_potter@nps.gov. UNIVERSITY CONTACT: Principal Investigator, Christopher Servheen, School of Forestry and Conservation, University of Montana, Missoula, MT 59812; 406-243-4903; grizz@selway.umt.edu
Project Abstract: The University of Montana will work with project collaborators to analyze, format, and trouble shoot data collected during field sampling and incorporate results from genetic analysis of hair samples in project database. University of Montana personnel will produce summary data needed for population modeling, create maps and other graphics of project. Full metadata documentation for the database will be completed. UM personnel will create summary reports and outreach products.
Outcomes with completion dates: 1. Complete data entry, merge genetic results and conduct QA/QC on database. 2. Produce summary data for Programs Capture and Mark population size estimate models. 3. Maps depicting: a) locations where individual bears were identified via different sampling methods, b) relative density of bear captures, c) comparisons of locations of bears caught at hair trap versus rub trees, d) locations of grizzly vs. black bear captures. 4. PowerPoint slides with graphs of project results such as species and gender bias of various sampling techniques, total number of individuals captured by year and sample method, cumulative total number of bear identified during sample seasons, etc. 5. Metadata documented in Spatial Metadata Management System.
Keywords: Glacier National Park, grizzly bears, black bears, Northern Continental Divide Ecosystem, hair snares
<u>For Administrative use only:</u> <i>Date Annual Report Received:</i> <i>Date Final Report Received:</i> <i>Publications, etc. on file:</i>