

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Identifying Conservation Corridors and Transboundary Linkages for Wolverines in the Canadian Crown of the Continent Ecosystem

Discipline: Natural
Type of Project: Research
Funding Agency: US Fish and Wildlife Service
Other Partners/Cooperators: Montana State University
Effective Dates: 12/2/2014 - 8/31/2016
Funding Amount: \$60,000.00

Investigators and Agency Representative:

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Project Abstract: The goal of this project is to obtain spatially-explicit information on the wolverine population, connectivity, and habitat relationships in the largely unstudied and vitally important international transboundary linkage region. Objectives are to conduct survey of wolverine occurrence in the Canadian Crown of the Continent (CCoC) using noninvasive methods; develop occupancy models of wolverine distribution and estimate density; identify core habitats, dispersal corridors and highway mitigation; assess the effect of highways on wolverine gene flow and fine-scale genetic structure in the CCoC; and communicate science and transfer technology.

Outcomes with completions dates: August 31, 2016

Keywords: Wolverine, transboundary linkages, Canadian Crown of the Continent, US Fish and Wildlife Service, Montana State University