

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: North Pacific Forest Landscape Corridor and Connectivity Project

Discipline: Natural
Type of Project: Technical Assistance
Funding Agency: US Fish and Wildlife Service
Other Partners/Cooperators: University of Montana
Effective Dates: 8/1/2011 - 9/30/2012
Funding Amount: \$41,243

Investigators and Agency Representative:

FWS Contact:

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Project Abstract: The North Pacific Forest Landscape Corridor and Connectivity Project will utilize a landscape connectivity simulator (UNICOR) and a genetic simulation program (CDPOP) to model the functional (dispersal and genetic) connectivity in the North Pacific Landscape. The outputs from these programs will indicate areas with high potential for landscape and genetic isolation and low probability of dispersal and colonization. Data delivery and visualization tools will be provided through dynamic interactive web mapping applications. This project will provide land managers and researchers with spatial corridor and connectivity pathway products that can be used to assist in conservation and management decisions

Outcomes with completions dates: September 30, 2012

Keywords: modeling, functional connectivity, genetics, dispersal, landscape connectivity simulator (UNICOR), genetic simulation program (CDPOP), US Fish and Wildlife Service, University of Montana