

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Evaluating the Impact of Anadromous Fish Reintroduction on Native Salmonid Species Across the Pacific Northwest

Discipline: Natural
Type of Project: Research
Funding Agency: USGS
Other Partners/Cooperators: Montana State University
Effective Dates: 9/1/2013 - 8/31/2014
Funding Amount: \$54,420

Investigators and Agency Representative:

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Project Abstract: Numerous anadromous salmon reintroductions have occurred across the Pacific Northwest with little understanding of the community level effects. In many instances, the reintroduction of the salmon is resumed to result in positive effects on native salmonid populations due to increased forage base and nutrient pulses. However, few studies have empirically quantified species-specific distribution patterns, potential diet overlap, and changes in foodweb structures for resident salmonids that result from salmon reintroductions. Understanding these patterns will help identify the potential benefits and negative interactions between native salmonids and reintroduced anadromous species.

Outcomes with completion dates: August 31, 2018

Keywords: anadromous salmon reintroductions, native salmon, community-level effects, USGS, Montana State University