

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Impacts of Mountain Pine Beetle (MPB) Infestations on Forested Ecosystems along the Colorado Front Range

Type of Project: Research

Project Discipline: Natural Resources

Funding Agency: USGS

Other Partners/Cooperators: Colorado State University

Effective Dates: 6/1/2010 - 5/31/2013

Funding Amount: \$114,000 [FY11: \$52,000; FY10: \$62,000]

Investigators and Agency Representative:

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Project Abstract:

The objectives of this research include: 1) Evaluate and predict the potential transition of MPB between lodgepole and ponderosa pine ecosystems, and 2) Assess the impacts of MPB on ponderosa pine forests with different management histories, and predict future changes in succession dynamics and fire hazard in this ecosystem.

Outcomes with completion dates: The final report shall be submitted within 90 days of the end of the project period.

Keywords: Mountain Pine Beetle (MPB), Forested Ecosystems, Colorado Front Range USGS, Colorado State University