

Rocky Mountains Cooperative Ecosystem Studies Unit
Project Summary

Project Title: Analyzing Effects of Biological Control of Invasive Tamarisk on the Virgin and Colorado Rivers

Task Agreement #: G18AC00308

Modification(s):

Discipline: Natural

Type of Project: Research

Funding Agency: USGS

Other Partners/Cooperators: Colorado State University

Student Participation:

Effective Dates: 9/1/2018– 8/31/2019

Funding Amount: \$48,800

Investigators and Agency Representative:

USGS Contact: Patrick Shafroth; shafrothp@usgs.gov

Investigator: Leroy Poff, Colorado State University Fort Collins, CO; poff@lamar.colostate.edu

Project Abstract: The goal of this research is to characterize and understand effects of biological control of tamarisk on riparian vegetation, using existing long-term datasets of tamarisk-dominated riparian plant communities before, during, and after arrival of the tamarisk beetle. In addition, to identify environmental conditions associated with spatial variation in tamarisk defoliation and mortality, secondary invasion, and native plant recovery.