

Rocky Mountains Cooperative Ecosystem Studies Unit
Project Summary

Project Title: Data Collection and analysis to support management of priority species and their habitats in the U.S. Fish and Wildlife Service Mountain-Prairie Region

Award #: F19AC00307
Discipline: Natural
Type of Project: Technical Assistance/Education
Funding Agency: US Fish and Wildlife Service
Other Partners/Cooperators: Colorado State University
Effective Dates: 5/15/2019 – 8/30/2024
Funding Amount: \$34,000

Investigators and Agency Representative:

USFWS Contact:

Investigator: William Kendall, Cooperative Fish & Wildlife Research, Colorado State University, Fort Collins, CO, 80523; (970) 491-7066; william.kendall@colostate.edu

Project Abstract:

- Work with USFWS to clean existing Rio Grande Sucker and Chub data sets from Baca National Wildlife Refuge in preparation for analysis.
- Analyze Rio Grande Sucker and Chub data sets to estimate population size, survival, and movement rates using mark-recapture modeling and incorporating both “in hand” and “passive” data sources and other methods as appropriate. Estimates of parameter uncertainty will be calculated.
- Plan and lead a 3-day training for select Service staff focused on the analysis methods used in Activity 2. The training will parallel the SOP appendix from Activity 3. USFWS staff will assist CSU with planning for the training event.