

Rocky Mountains Cooperative Ecosystem Studies Unit
Project Summary

Task Agreement #:

Project Title: Identify Bat Diversity, Use of Habitat and Roosts and White-Nose Syndrome Presence in ROMO

Discipline: Natural

Type of Project: Research

Funding Agency: National Park Service

Other Partners/Cooperators: Colorado State University

Student Participation: NO

Effective Dates: June 1, 2021-December 31, 2025

Funding Amount: \$75,476

Investigators and Agency Representative:

Agency Contact: Mary Kay Watry, NPS

Investigator: Jeremy Siemers, CSU, Jeremy.Siemers@colostate.edu, 970-491-3342

Project Abstract:

Project goals: With the Colorado Natural Heritage Program (CNHP) and consistent with the North American Bat Monitoring Plan, we propose to assess bat species diversity, occupancy and activity, estimate species composition and relative abundance at roost sites and conduct *Pd* surveillance.

Project objectives: 1) Search for bat roosts, 2) Assess bat species diversity, occupancy and indices of activity, 3) Quantify the size and importance of roosts and dates occupied, and 4) Conduct *Pd* surveillance and determine sex and reproductive status of roosting bats.