

UPPER COLORADO RIVER ENDANGERED FISH RECOVERY PROGRAM

FY 2023 ANNUAL REPORT

PROJECT(s): 127

Project Title

Monitoring the Colorado Pikeminnow Population in the Mainstem Colorado River via Periodic Population Estimates

Bureau of Reclamation Agreement Number:

R20PG00024

Project/Grant Period:

Start date: 10/01/2019

End date: 09/30/2024

Reporting period end date: 09/30/2023

Is this the final report? Yes No

Principal Investigator:

Darek Elverud, Fishery Biologist

U.S. Fish and Wildlife Service

Grand Junction FWCO

445 W. Gunnison Ave.

Grand Junction, Colorado, 81501

Phone: (970) 628-7203

Fax: (970) 628-7219

Email: darek_elverud@fws.gov

Abstract:

The Interagency Standardized Monitoring Program (ISMP) was developed in 1986 to monitor population trends of Colorado pikeminnow and humpback chub in the Colorado River basin using catch per effort (CPE) indices. ISMP was expanded in 1998 to include mark-recapture population estimates of the major Colorado pikeminnow and humpback chub populations. For Colorado pikeminnow in the upper Colorado River, population estimates were conducted annually during 1991-1994, 1998-2000, 2003-2005, 2008-2010, and 2013-2015. The most recent three-year field sampling effort began in 2019 and was completed in 2021.

Study Schedule:

The data collection period of this study was initially planned to begin 2018 and continue through 2020. Due to unforeseen circumstances, field work in 2018 was cancelled. Field work, data input, and annual report writing began in 2019 and continued through 2021. The draft report of data collected from 2019-2021 was submitted to the program coordinator on October 19th, 2023.

Relationship to RIPRAP:

Colorado River Action Plan:

Colorado River Mainstem

V. Monitor populations and habitat and conduct research to support recovery actions.

V.D. Estimate Colorado pikeminnow populations in the upper Colorado River.

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Accomplishment of FY 2023 Tasks and Deliverables, Discussion of Initial Findings and Shortcomings:

In FY 2023, the objective for project 127 was to complete the draft report. The draft summary report has been submitted to the program coordinator. There is not currently a definite timeline for completing the final summary report, but it is anticipated that the report will be finalized in late winter 2024.

Additional noteworthy observations:

Not applicable. No data collection in 2023.

Recommendations:

Recommendations are included in the summary report.

Project Status:

Ongoing – the draft summary report was submitted to the program coordinator on 10/19/2023.

FY2023 Budget Status

Funds Provided: \$0

Funds Expended: \$0

Difference: \$0

Percent of the FY 2023 work completed, and projected costs to complete: 100%

Status of Data Submission

Not applicable. Data collection did not occur under this project in FY 2023.

Signed:

Darek Elverud

Principal Investigator

11/01/2023