

FY-2011-2012 SCOPE OF WORK for:

Project #: C-6 BAESER

Rearing razorback sucker in Baeser Bend and surveys on Green River wetlands.

Lead Agency: U.S. Fish and Wildlife Service
Submitted by: Colorado River Fish Project

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Date: Revised 12/9/2010 (Webber)

Category:

- Ongoing project
- Ongoing-revised project
- Requested new project
- Unsolicited proposal

Expected Funding Source:

- Annual funds
- Capital funds
- Other (explain)

I. Title of Proposal:

Rearing razorback sucker in Baeser Bend and surveys on Green River wetlands.

II. Relationship to RIPRAP:

Green River Action Plan: Mainstem

IV.A. Augment or restore populations as needed.

IV.A.1. Develop state stocking plan for the four endangered fishes of the Green River.

IV.A.1.c. Implement plan.

III. Study Background/Rationale and Hypotheses:

This study began as an opportunity to stock larval razorback suckers into a wetland to allow for them to acclimate, and later to stock these adult fish into the Green River. Many fish have been stocked from Baeser into the river, however, nonnative fish entered into this system making successful stocking of larval razorback suckers nearly impossible. Thus, the Recovery Program has decided to reset Baeser and consider other options instead of continuing to stock fingerling razorbacks. The surveys on the Green River wetlands are an attempt to detect wild razorbacks that may use these wetlands.

IV. Study Goals, Objectives, End Product:

Goal: Capture, tag, and release into the Green River as many razorback suckers as possible from Baeser Bend before resetting the wetland during winter 2011/2012.

Detecting wild razorback suckers in Green River wetlands.

V. Study area:

All work will be conducted within Baeser Bend floodplain, with fish being released into the Green River. Surveys will be conducted on wetlands of the Green River.

VI. Study Methods/Approach:

We will begin salvage efforts soon after ice off in March 2011. We will use nets and electrofishing to capture as many razorbacks as possible for eight days. We will revisit Baeser one last time after water levels have dropped (probably in July or August) and use seining, and netting as primary methods to capture any remaining razorbacks for five days. After this effort, we expect water at Baeser to either dry up or be at a level low enough to freeze solid during the winter of 2011/2012, after which we expect Baeser Bend to be reset.

Surveys for razorback suckers will be conducted in wetlands on the Green River using various netting techniques and potentially electrofishing techniques. These surveys will be conducted at Johnson Bottoms, Thunder Ranch, and Leota Bottoms. The effort will include setting nets and returning to check the nets the following day, and if possible, electrofishing during these visits.

VII. Task Description and Schedule:

Task 1: Salvage fish.

Task 2: Report findings from Baeser Bend.

Task 3: Conduct surveys on Green River wetlands.

Schedule: FY-2011

Task	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1						X?	X?			X?	X?	
2												X
3												X

VIII. FY-2011 Work: Fish Salvage and Reporting:

- Deliverables/Due Dates: Annual Report of FY11 field activities due November 2011.

- FY 2011: **Labor**

GS 11 Fishery Biologist (\$42.95/hr, 138 hrs)	\$5,927.10
GS 13 Assistant Project Leader (\$61.38/hr, 8 hours)	\$491.04
GS 9 Administrative Officer (\$33.63/hr, 8 hours)	\$269.04
GS 8 Technician (\$32.07/hr, 138 hrs)	\$4,425.66
GS 5 Technician (\$17.45/hr, 263 hrs)	\$4,589.35

TOTAL LABOR

\$15,702.19

-	Equipment	
	Net Replacement	\$2,800.00
	Equipment Repair	\$1,500.00
	Vehicle Lease \$338/mo X1 trucks	\$338.00
	Truck Mileage 80 miles/trip X 0.505 X 15 trips	\$606.00
	TOTAL EQUIPMENT	\$5,244

IX. Budget Summary
FY-2011 \$20,946.19

X. Reviewer: Michelle Shaughnessy