

Work Task C3: Multi-Species Conservation Program Covered Species Profile Development

FY05 Estimate	FY05 Actual	Cumulative Accomplishment Through FY05	FY06 Approved	FY07 Proposed Estimate	FY08 Proposed Estimate	FY09 Proposed Estimate
\$50,000	\$47,847	\$47,847	\$100,000	\$15,000	\$15,000	\$15,000

Contact: John Swett, (702) 293-8574

Start Date: FY05 **Expected Duration:** FY55

Long-term Goal: Species Research

Conservation Measures: AMM1, AMM2, AMM3, AMM5, AMM6, MRM1, MRM2, MRM3, CLRA1, CLRA2, WIFL1, WIFL2, DETO1, DETO2, BONY2, RASU2, WRBA1, WRBA2, WYBA1, WYBA3, DPMO1, CRCR1, CRCR2, YHCR1, YHCR2, LEB11, BLRA1, BLRA2, YBCU1, YBCU2, ELOW1, GIFL1, GIWO1, VEFL1, BEVI1, YWAR1, SUTA1, FTHL1, FTHL2, FLSU1, MNSW1, MNSW2, CLNB1, CLNB2, PTBB1, PTBB2, CRTO1, CRTO2, CRTO3, LLFR1, LLFR2, and LLFR3

Location: System-wide

Purpose: Assess existing knowledge for each LCR MSCP covered species to determine research needs and habitat requirements for future habitat creation projects.

Connections with Other Work Tasks (past and future): In Draft FY05 Work Tasks, this work was identified under Development of Backwater Rating Criteria (C3). Information collected during this literature review will be used to develop future research Work Tasks, design monitoring programs, design habitat creation projects, and implement the adaptive management process. Information from this Work Task will be utilized under E15 and E16.

Project Description: To successfully create habitat for LCR MSCP covered species, species profiles must be developed. Extensive literature searches will be conducted to accumulate existing knowledge on each covered species. Species profiles will be written, including known habitat requirements and management concerns. Data gaps will be identified in order to direct covered species research priorities.

FY05 Accomplishments: FY05 activities were designed to provide information for the development of backwater rating criteria for LCR MSCP covered species. These data and models will be used to prioritize backwater restoration projects.

Species accounts were completed for nine LCR MSCP covered species that use backwater, marsh, or riparian/marsh interface habitats. Species accounts for razorback sucker, bonytail, and flannelmouth sucker included sections on distribution, historical habitat modifications, systematics and morphometrics, hybridization, habitat, reproduction, diet, age, and growth.

Data on distribution, migration, habitat, nesting, food habits, and conservation and management were incorporated for California black rail, Yuma clapper rail, western least bittern, southwestern willow flycatcher, and western yellow-billed cuckoo. The species account for Colorado River cotton rat included data on distribution, systematics, habitat, nesting, food habits, and conservation and management.

FY06 Activities: Literature searches, data compilation, and species profile development for the remainder of the 26 LCR MSCP covered species and five evaluation species will be completed in FY06. Research priorities will be determined as data gaps are identified. Data gleaned from the species accounts completed in FY05 are being used to design a backwater ratings system to evaluate and prioritize backwater and marsh restoration for the LCR MSCP through the site selection process (Work Task E15 and E16).

Proposed FY07 Activities: An annual review of the LCR MSCP and other conservation programs will occur and pertinent information will be incorporated into existing species profiles.

Pertinent Reports: *Colorado River Backwaters Enhancement: Species Profiles Report* is posted on the LCR MSCP website.