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

FY15 Estimate	FY15 Actual Obligations	Cumulative Expenditures Through FY15	FY16 Approved Estimate	FY17 Proposed Estimate	FY18 Proposed Estimate	FY19 Proposed Estimate
$10,000	$466.27	$278,663.86	$0	$0	$0	$0

Contact: John Swett, (702) 293-8555, jswett@usbr.gov

Start Date: FY05

Expected Duration: Closed in FY15

Long-Term Goal: Species research

Conservation Measures: MRM1, MRM2, MRM3, CLRA1, CLRA2, WIFL1, WIFL2, DETO1, DETO2, BONY2, RASU2, WRBA1, WRBA2, WYBA1, WYBA3, DPMO1, CRCR1, CRCR2, YHCR1, YHCR2, LEBI1, 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, Arizona, California, and Nevada

Purpose: To assess existing knowledge on each LCR MSCP covered species to determine research needs and habitat requirements for current and future habitat creation projects

Connections with Other Work Tasks (Past and Future): Information collected during this literature review is currently being used to develop future work tasks, design monitoring programs, design habitat creation projects, and implement the adaptive management process. Information from this work task will be utilized under Work Task E16. Information from this work task was used to develop conceptual ecological models under Work Tasks G4 and G6.

Project Description: To successfully create habitat for LCR MSCP covered species, species accounts have been developed based on extensive literature searches. These accounts include current information about each species' legal status, life history, distribution, habitat requirements, behavior, and LCR MSCP conservation measures as they relate to the creation and management of the species' habitats, enabling the successful completion of conservation measures.

Species accounts were written for both covered and evaluation species, including known habitat requirements and management concerns. Data gaps were identified to set covered species research priorities. LCR MSCP research and monitoring data needs have been identified for each covered and evaluation species where appropriate. These needs have been prioritized in a 5-year plan and will be completed according to importance, urgency, and cost. Other potential research and monitoring opportunities, either identified through this process or by other scientists or conservation programs, which are outside of the scope and purpose of the LCR MSCP, have also been listed in the plan.

Previous Activities: Species accounts for 25 covered and 5 evaluation species listed in the Habitat Conservation Plan that use terrestrial, marsh, and riparian habitats were completed in 2008. In FY14, new information was incorporated and updated internally into the species accounts. Literature searches, literature acquisition, and data compilation were conducted to update the species accounts.

FY15 Accomplishments: The updated species accounts completed in FY14 for the following species were edited and prepared for publication: Arizona Bell's vireo, California black rail, Colorado River cotton rat, Colorado River toad, desert pocket mouse, desert tortoise, elf owl, flat-tailed horned lizard, Gila woodpecker, humpback chub, lowland leopard frog, relict leopard frog, sticky buckwheat, three-corner milkvetch, western least bittern, western yellow bat, yellow warbler, Yuma clapper rail, and Yuma hispid cotton rat. Future development of species accounts will be completed in coordination with the conceptual ecological models that are prepared under Work Task G6.

FY16 Activities: This work task was closed in FY15.

Proposed FY17 Activities: This work task was closed in FY15.

Pertinent Reports: The 2015 report titled *Species Accounts for the Lower Colorado River Multi-Species Conservation Program Covered Species* will be posted on the LCR MSCP Web site upon completion.