

Work Task D12: Lowland Leopard Frog and Colorado River Toad Surveys

FY09 Estimates	FY09 Actual	Cumulative Accomplishment Through FY09	FY10 Approved Estimate	FY11 Proposed Estimate	FY12 Proposed Estimate	FY13 Proposed Estimate
\$0	\$0	\$0	\$20,000	\$120,000	\$150,000	\$75,000

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Start Date: FY10

Expected Duration: FY13

Long-term Goal: Determine the extant populations of the lowland leopard frog and Colorado River toad along the LCR, and understand their habitat requirements.

Conservation Measures: LLFR1, CRT01

Location: Within reaches 3-7 of the LCR MSCP boundary and the Bill Williams River.

Purpose: Better define distribution, habitat requirements, and factors limiting the distribution of the lowland leopard frog and Colorado River toad using a system-wide monitoring approach.

Connections with Other Work Tasks (past and future): N/A

Project Description: A system-wide survey for these two species will be conducted along the LCR and the Bill Williams River. It is unknown if any extant populations exist for either species along the LCR. The lowland leopard frog has been observed on the Bill Williams River and surveys will help determine the stability of this population. If it is decided to attempt to establish this species by reintroduction along the mainstem LCR, the Bill Williams River population would be the most likely source. Habitat characteristics will also be gathered in conjunction with surveys where presence of either species is confirmed.

Previous Activities: This is a new start in FY10.

FY09 Accomplishments: This is a new start in FY10.

FY10 Activities: A study design will be finalized and survey areas will be identified.

Proposed FY11 Activities: The first year of the surveys will be implemented and an annual report will be completed. Both species will be surveyed using multiple methods

(e.g., visual encounter surveys, call surveys, road surveys). Using multiple methods to survey for rare and potentially extirpated species will maximize the likelihood of finding either species. Surveys will begin in January and will be repeated once each month through September (skipping June). Surveys from January through May will focus on the lowland leopard frog, and surveys from July through September will focus on the Colorado River toad. Once populations are located, habitat assessments will begin.

Pertinent Reports: N/A