

Work Task: C51 Vermilion Flycatcher Detectability and Distribution Study

FY10 Estimates	FY10 Actual	Cumulative Accomplishment Through FY10	FY11 Approved Estimate	FY12 Proposed Estimate	FY13 Proposed Estimate	FY14 Proposed Estimate
\$0	\$0	\$0.00	\$0	\$20,000	\$150,000	\$150,000

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Start Date: FY12

Expected Duration: FY15

Long-term Goal: Determine current distribution and abundance of VEFL along the LCR.

Conservation Measures: MRM1, MRM2.

Location: Various sites from Lake Mead to Yuma.

Purpose: To determine best field method for surveying and determine the current population abundance and location of VEFL within the LCR MSCP boundary.

Connections with Other Work Tasks (past and future): Information obtained through this work task will be used in conjunction with data collected during post-development monitoring of habitat conservation areas (F2) and system-wide surveys conducted under D6. Information obtained through this work task will also be used in association with C24 to help define habitat requirements for riparian obligate bird species.

Project Description: General bird surveys conducted under D6 in habitats recently occupied by VEFL (Bill Williams River NWR) have not detected VEFL in the numbers expected. Species-specific surveys conducted non-randomly, and much earlier in the spring than the multi-species surveys, may be required to determine current LCR population numbers and locations. Literature reviews will be conducted, a species specific survey design will be developed, and potential survey site locations will be determined. Species specific surveys will be conducted based on survey design and data will be used to determine population abundance and distribution. Vegetation data may also be collected at detection sites to determine suitability of habitat for VEFL.

Previous Activities: N/A

FY10 Accomplishments: New start in FY12.

FY11 Activities: New start in FY12.

Proposed FY12 Activities: A literature review will be conducted to examine Christmas Bird Count Data and other information. A study design and field protocol will be developed for the targeted surveys that will be conducted in FY13 and FY14. Several preliminary surveys will be conducted December through April to assist in determining the initial study design and field protocols.

Pertinent Reports: N/A