

## Work Task C16: Evaluation of Past Bonytail Stockings

FY06 Estimates	FY06 Actual	Cumulative Accomplishment Through FY06	FY07 Approved Estimate	FY08 Proposed Estimate	FY09 Proposed Estimate	FY10 Proposed Estimate
\$0	\$0	\$0	\$60,000	\$0	\$0	\$0

**Contact:** Tom Burke, (702) 293-8310, tburke@lc.usbr.gov

**Start Date:** FY07

**Expected Duration:** FY07

**Long-term Goal:** Adaptively manage bonytail augmentation stockings.

**Conservation Measures:** BONY5

**Location:** Entire Colorado River Basin

**Purpose:** Develop an understanding of past bonytail (BONY) stockings in the Colorado River Basin.

**Connections with Other Work Tasks (past and future):** None

**Project Description:** This project is a review of past stockings of BONY throughout the Colorado River Basin. The study will document the size of fish released, locations stocked, physical and chemical conditions of receiving waters, results of post-stocking assessments, and related parameters that help determine the relative success of these events. There are only six facilities actively rearing BONY: Dexter NFH, Willow Beach NFH, Achii Hanyo NFF (CRIT), Wahweap SFH (Utah Division of Wildlife), Mumma SFH (Colorado), and Ouray NFH. It is expected that all facilities will be visited during this research.

**Previous Activities:** This is a new start in FY07.

**FY06 Accomplishments:** This is a new start in FY07.

**FY07 Activities:** Review agency stocking records and literature plus post-stocking assessments, identify factors that are associated with relative post-stocking success, make recommendations to improve existing programs, and identify areas for follow-up research and management investigation. The deliverable will be a final report that includes: 1) a compilation of all available bonytail stocking records for open waters throughout the Colorado River Basin, 2) a summary of information on locations stocked, numbers and size of fish released, physical and chemical characteristics of receiving waters, results of post-stocking assessments, and any related parameters that determine the relative success of bonytail stocking, 3) an analysis of information that identifies common elements associated with relatively greater stocking success, if any,

4) recommendations to the LCR MSCP Fish Augmentation Program for management practices that can be incorporated immediately, and 5) recommendations to the program for additional research or management data collection that will improve future bonytail stocking. It is expected that the report will summarize information and present recommendations to the LCR MSCP Fish Augmentation Program as to best management practices for stocking BONY.

**Proposed FY08 Activities:** None, project to be closed.

**Pertinent Reports:** The scope of Work is available upon request from the LCR MSCP.