

I. Project Title: **Population Estimate of Humpback Chub in Black Rocks.**

II. Principal Investigator(s):

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III. Project Summary:

Robust population estimates are now critical to monitor recovery of the humpback chub population (USFWS 2001). Recovery goals require estimates of population size at regular intervals to measure population response to management activities under the Recovery Program. A population estimate was made for the 1998–2000 time period (McAda 2002) and 2003–2004 time period (McAda 2007). This report summarizes the first year of work directed at a third estimate of population size for humpback chub in Black Rocks.

IV. Study Schedule: FY 2007 to FY 2009

V. Relationship to RIPRAP: Colorado River Action Plan: Mainstem; V.C. Estimate humpback chub populations; V.C.1. Black Rocks

VI. Accomplishment of FY 2007 Tasks and Deliverables, Discussion of Initial Findings and Shortcomings:

Sampling for this study is conducted in September and October; therefore sampling overlaps two fiscal years. Sampling in calendar year 2007 overlapped into FY 2008. Data analysis will occur in FY 2008.

Four sampling trips were conducted in September and October. The last sampling trip was made during the final week of October.

Electrofishing was used more heavily than in the past. The entire Black Rocks reach was



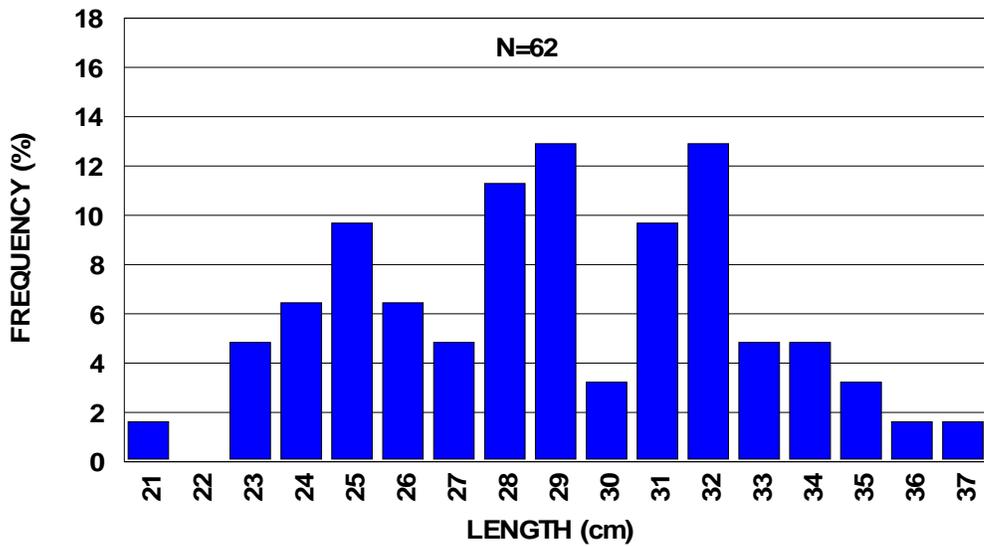


Figure 1. Length Frequency of Humpback chub captured in Black Rocks, Colorado River, autumn, 2007.

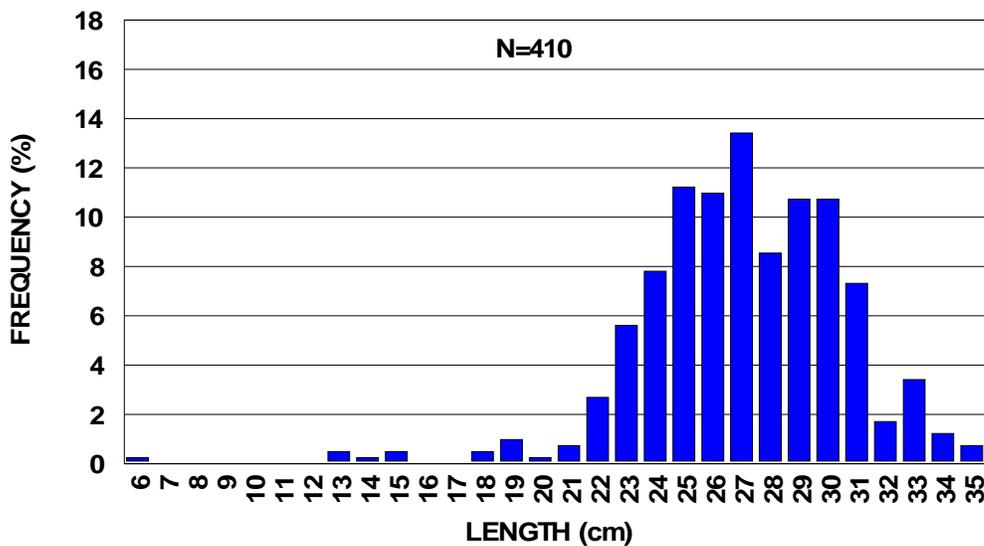


Figure 2. Length frequency of roundtail chub captured in Black Rocks, Colorado River, autumn, 2007.