

SPONSOR

Department of Fish and Wildlife

RECORD TYPE

Project

PROGRAM OVERSEEING EFFORT

Ecosystem Restoration Program (ERP)

REFERENCE NUMBER

ERP-11-S15

CONTRACT NUMBER

E1183009

STATUS

Active (20% - 39%)

TARGET DATES

Start 6/11/2012

End 1/31/2016

FUNDING

Total Proposed Funding

\$67,658

Total Actual Funding

\$159,211

Fund Sources

Proposition 84 - 6051

Budget Reference

001-099 - State Operations

Delta View ID: DFW_264

Linking Habitat and Spatial Variability to Native Fish Predation

This project would use genetic assays to identify the presence of Chinook salmon, steelhead trout, Delta and longfin smelt, white and green sturgeon, and Sacramento splittail in the stomachs of predatory fishes (striped bass and largemouth bass) as well as the native piscivore, Sacramento pikeminnow (*Ptychocheilus grandis*), across migration corridors and habitats of the north Delta. Subsidiary studies of evacuation rates will contribute to estimating predation rates. Results are to be combined with bioenergetic models to investigate population impacts.

CONTACTS

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ALIGNMENT WITH THE DELTA PLAN

GOAL

Protect, Restore, and Enhance the Delta Ecosystem

CORE STRATEGY

ER CS 4

Delta Ecosystem

Ch 4 - ER policies and recommendations: Prevent introduction of and manage nonnative species impacts

PERFORMANCE MEASURE(S)

ER P5-01

Avoid Introductions of and Habitat Improvements for Invasive Nonnative Species

100 percent of all proposed actions that have the reasonable probability of introducing, or improving the habitat conditions for, nonnative invasive species have demonstrated that the potential for new introductions of and/or improved habitat conditions for nonnative invasive species have been fully considered and avoided or mitigated in a way that appropriately protects the ecosystem.

ER R6-01

Regulate Angling for Nonnative Sport Fish to Protect Native Fish

The California Department of Fish and Wildlife develops for consideration by the Fish and Game Commission proposals for new or revised fishing regulations designed to increase populations of listed fish species through reduced predation by introduced sport fish.

COORDINATING BODIES

N/A

TYPE

Research/Study

HYDROLOGIC REGION(S)

Delta

TOPICS

Harvestable Species Assessment, Non-Native Invasive Species, Estuary Foodweb Productivity, At-Risk Species Assessment

