

The Use of Artificial Propagation as a Tool for Central Valley Salmonid and Delta Smelt Conservation

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Lead Scientist

Phil Hedrick – Arizona State University

- Overview of artificial propagation
 - Mexican wolves
 - Gila topminnow
 - Winter-run Chinook



USFWS photo

Tom Turner – University of New Mexico

- Rio Grande silvery minnow



Delta smelt talks

- Bob Clarke – U.S. Fish and Wildlife Service
 - Agency plan
- Bradd Baskerville-Bridges – UC Davis
 - Aquaculture perspective
- Katie Fisch – UC Davis
 - Genetic perspective



Photo by Rene Reyes - USBR

Salmonid talks

- Robin Waples – National Marine Fisheries Service
 - Big picture of salmon AP
- Josh Israel – UC Davis
 - San Joaquin River re-introduction



Photo from Google ☺

Panel Discussion

- What are the pros and cons of AP as a tool in the recovery of endangered fish in the Bay-Delta system?
- Under what circumstances can AP be used effectively for endangered fish conservation?

Panel Discussion

- When should AP not be used?
- What kinds of fishes might be more or less amenable to a successful AP/reintroduction program?
- Are there alternatives to AP that should be used for endangered fish conservation?