

D-R-A-F-T (V. 1/19/00)

**Upper Basin Colorado River Colorado River Researchers Meeting  
January 25-26, 2000**

- 8:00 Welcome
- 8:15 Volunteer Program - Debbie Felker
- 8:30 Over view of Upper Basin Activities - Henry Maddux
- 9:00 Update on Recovery Goals - Rich Valdez (10 minutes for questions)

**Session I “Instream Flow”**

- 9:35 Introduction - Chris Keleher, Session Chair
- 9:30 “Three dimensional dynamic modeling of large river ecosystems using state-of-the hydroacoustics, GPS, GIS, photogrammetry, and computational fluid dynamics to generate physical and bioenergetics habitat templates” - Craig Adley
- 9:50 “ Two-dimensional flow modeling on the 15-mile reach of the Colorado River, preliminary analysis of meso-habitat availability and diversity” - Gregory B. Stewart
- 10:10 **Break**
- 10:30 “Composition and characteristics of fish population in the Colorado (15 - Mile Reach) and the Yampa River, and their application to instream recommendations” - Rick Anderson
- 10:50 “Routing Flaming Gorge Flows through Green River” - George Smith and Jim O’Brien
- 11:10 “Green River Flow Recommendations” - Kirk LaGory
- 11:30 **Lunch**

**Session II “Nonnative fish control”**

- 1:00 Introduction - Robert Muth, Session Chair
- 1:05 STATES PERSPECTIVE ON NONNATIVE FISH CONTROL
- Colorado — Tom Nesler, Colorado Division of Wildlife
  - Utah — Randy Radant, Utah Division of Wildlife Resources
  - Wyoming — Paul Dey, Wyoming Game and Fish Department

## PRESENTATIONS ON NONNATIVE FISH CONTROL ACTIVITIES

- 1:35 “Mechanical removal of nonnative cyprinids in the lower Green and Colorado rivers, Utah” — Steve Meisner, Utah Division of Wildlife Resources
- 1:55 “The effect of red shiner removal prior to stocking woundfin in the lower Virgin River” — Paul Holden (BIO/WEST, Inc.), Jim Heinrich (Nevada Division of Wildlife), Paul Abate (BIO/WEST, Inc.), and Yvette Converse (U.S. Fish and Wildlife Service)
- 2:15 “Comparison of presence and abundance of centrarchids in backwaters of the Colorado River estimated by Interagency Standardized Monitoring Program and abundance estimation techniques” — Jay Bundy, Kevin Bestgen, and Pat Martinez
- 2:35 **Break**
- 3:00 “Preliminary observations on the evaluation and maintenance of the Highline Lake fish barrier net” — Pat Martinez (Colorado Division of Wildlife) and Chris Foreman (Highline State Park)
- 3:20 “Northern pike translocation on the Yampa River: significant findings in 1999 and plans for 2000” — John Hawkins (Larval Fish Laboratory, Colorado State University) and Tom Nesler (Colorado Division of Wildlife)
- 3:40 “Mechanical removal of channel catfish from the Yampa River” — Mark Fuller and Tim Modde, U.S. Fish and Wildlife Service
- 4:00 “Nonnative fish control: finding the Achilles Heel — Rich Valdez, SWCA, Inc.
- 4:20 **Break to set up panel/room**
- 4:25 OPEN DISCUSSION (1 hour)  
• State representatives and paper presenters serve on panel to focus questions/discussion
- 5:25 **Adjourn**
- 8:00 **Social - sponsored by the Bonneville Chapter AFS**

## **Researchers Meeting - Day Two January 26, 2000**

8:00 Announcements

### Session III “Contributed Papers”

8:10 Introduction - Kevin Christopherson, Session Chair

8:20 “Continuous sediment monitoring at endangered fish spawning sites: Implications for real-time habitat management” - M. Carpenter, B. Cluer, G. Smith and Ed Wick

8:40 “Summary of Selenium Sampling in the Green River - 1995 to 1999” - Bruce Waddell, Elise Peterson, Nathan Darnall

9:00 “Estimates of demographic parameters for adult Colorado pikeminnow in the upper Colorado River Basin based on capture-recapture data ” - Kevin R. Bestgen

9:20 “Lake Mohave Razorback Sucker Program Update” - Thomas Burke

9:40 “Floodplain Restoration: Population verses ecosystem level response” - Todd Crowl

10:00 **Break**

10:20 “Survival and Growth of Razorback Suckers introduced into floodplain Depressions” - Garn Birchell and Kevin Christopherson

10:40 “Using Molecular Markers to Manage Endangered Species: *Gila cypha* in Grand Canyon” - Douglas, M. E., and M. R. Douglas

11:00 “Phylogeography of the Colorado River Basin in Flannelmouth Sucker (*Catostomus latipinnis*) - Douglas, M.R., and M.E. Douglas

### Session IV “The Role of Tributaries”

11:20 Introduction - Yvette Converse, Session Chair

11:25 “Colorado River System Tributaries”- Harold Tyus (presented by Tom Czapla)

11:45 “Tributary fish communities of the Colorado River system: what we do and don’t know”  
- Tom Chart

12:05 **Lunch**

- 1:05 “Tributaries: a geomorphologists perspective using examples from the Duchesne and White rivers and other Green River tributaries” - Jack Schmidt and Dave Gaeuman
- 1:25 “Endangered fish use of the Duchesne River” - Tim Modde
- 2:25 “The Price River; where do we go from here?” - Yvette Converse and Pete Cavalli
- 3:05 **Break**
- 3:15 “The Gunnison River: a contribution to the recovery of endangered fish in the upper Colorado Rivers subbasin” - Chuck Mcada
- 3:35 “Ichthyofaunal communities of tributaries to the San Juan River” - Bill Miller
- 3:55 “Tributaries, Section 7 and the RIP: a veterans perspective” - Reed Harris
- 4:15 **Adjourn**