

2001 Northwest Fish Culture Conference
Agenda

TUESDAY, DECEMBER 4, 2001

- 8:00 Registration Desk Opens
- 1:00 Welcome – Trent Stickell, George Nandor (Conference Co-Chairs, ODFW)
- 1:10 Keynote Address – Lindsay Ball (Director, ODFW)
- 1:20 Ed Bowles (Fish Division Director, ODFW)
- 1:40 Jay Nicholas (Oregon Watershed Enhancement Board)

I. Investigative Fish Culture Techniques – Session Chair: Matt Frank

- 2:00 Early Sexual Maturation in 1+ Age Male Spring Chinook Salmon: Examination of the Roles of Size and Fatness. – Karl Shearer, Penny Swanson, Briony Campbell, Brian Beckman, Paul Parkins, Brad Gadberry, Jon Dickey, and Walt Dickhoff (NMFS).
- 2:20 Heating and Chilling Water to Meet Program Goals. – Loren Dingwall (WDFW).
- 2:40 Break
- 3:00 Drawing
- 3:10 Partial Spawning of Adult Winter Steelhead. – Bob Hudspeth (ODFW).
- 3:30 The Effect of Automated Sub-Surface Feeders on the Behavior and Predator Vulnerability of Fall Chinook Salmon. – Desmond Maynard, James Hackett, Michael Wastel, Anita LaRae, Gail McDowell, Thomas Flagg, and Conrad Mahnken (NMFS).
- 3:50 Salmon Culture Methods in the Russian Far East. – Marianna Meshkova, Vladimir Samarskiy, and Tatiana Shmigirilova.
- 4:10 Logistics of Collecting and Holding Angler Caught Alsea Basin Winter Steelhead Brood Stock. – Tim Schamber (ODFW).
- 4:30 NATURES Semi-natural Raceway Habitat: The Forks Creek Experience. – Desmond Maynard, Gail McDowell, Thomas Flagg, Conrad Mahnken, and Robert Iwamoto, (NMFS), Brodie Smith, and Barbara Cairns (Long Live the Kings), and Chuck Johnson (WDFW).
- 4:50 Drawing

6:00 – 7:30 Social – Hosted by Bio-Oregon, EWOS, Moore-Clark, Rangens, and Sterling Silver Cup – Vendor Display Room – You must have your tickets with you to receive complimentary drinks!

Note: Please thank all the feed company representatives for supporting our conference!

WEDNESDAY, DECEMBER 5, 2001

II Fish Propagation and Conservation–Program Updates–Session Chair: Scott Lusted

- 8:10 Drawing
- 8:20 Successful Natural Production of Hatchery Spring Chinook Salmon: A Lesson from Lookingglass Creek in Eastern Oregon. – Michael McLean and Peter Lofy (Confederated Tribes of the Umatilla Indian Reservation), and Richard Carmichael (ODFW).
- 8:40 Status of the Grand Ronde Basin Spring Chinook Salmon Captive Broodstock Program. - Timothy Hoffnagle, Richard Carmichael, William Noll, and Patrick Keniry (ODFW).
- 9:00 Reconditioning of Wild Steelhead Kelts. – Joe Blodgett and David Fast (Yakama Nation Fisheries).
- 9:20 Saltwater vs. Freshwater Rearing in the Grande Ronde River Basin Spring Chinook Salmon (*Oncorhynchus tshawytscha*) Captive Broodstock Program. – Matthew Snook, Timothy Hoffnagle, Richard Carmichael and William Noll (ODFW).
- 9:40 Precocial Maturation and Migration in Yearling Hatchery Chinook Salmon, Umatilla River, Oregon. – Christian E. Zimmerman (Alaska Biological Science Center) and Wes Stonecypher (ODFW).
- 10:00 Break
- 10:20 Drawing
- 10:30 Spring Chinook Salmon on the Warm Springs Indian Reservation of Oregon. – Bob Spateholts (Confederated Tribes of the Warm Springs Reservation of Oregon) and Doug Olsen (USFWS).
- 10:50 Hatcheries, Harvest and Wild Fish: An Integrated Program at Warm Springs National Fish Hatchery, Oregon. – Doug Olsen (USFWS) and Bob Spateholts (Confederated Tribes of the Warm Springs Reservation of Oregon).
- 11:10 Cle Elum Supplementation and Research Facility First Adult Returns. – David Fast, Jason Rau, and Charles Strom (Yakama Nation Fisheries).
- 11:40 Fish Culture Hall of Fame Induction Ceremony.
- 12:00 Lunch
- 1:00 Drawing

III Fish Health – Session Chair: Rich Holt

- 1:20 Case Studies from the National Wild Fish Health Survey. – Susan Gutenberger and Kenneth Lujan (USFWS).
- 1:40 Botulism at Winthrop National Fish Hatchery. – Ray Brunson and Chris Pasley (USFWS).
- 2:00 A Preliminary Report on: The Adaptation of Wound Repair Trial Techniques at Round Butte Hatchery, to Evaluate the Ability of Dietary Enhancement, to Improve the Stress Response of Spring Chinook and Steelhead. – Steve Boggio (Moore-Clark), Jack Palmer, Jim Struck, Jeremy Puckett, and Paul Brown (ODFW)
- 2:20 Spawning Techniques to Reduce the Levels of Bacterial Kidney Disease in North Santiam River Spring Chinook. – Terry Jones and Tony Amandi (ODFW).
- 2:40 Culling of Eggs from BKD Positive Spring Chinook Females Can Lead to Reductions of the Disease in Smolts and the Use of Medicated Feed. – Tony Amandi and Leslie Lindsay (ODFW).
- 3:00 Break
- 3:20 Drawing
- 3:30 In Hatchery Survival, First-Time Dam Detections and Incidence of Bacterial Kidney Disease in Oregon Captive Brood Spring Chinook Progeny Reared at Lookingglass Hatchery Under Varying Levels of BKD Segregation: Is There Value in BKD Segregation/Culling? – Sam Onjukka, Glenda Claire, Brett Farman and Bob Lund (ODFW).
- 3:50 Chemical Contaminants in Fish Food and Juvenile Chinook Salmon. – Gina Ylitalo, Leslie Kubin, Mary Arkoosh, Margaret Krahn, and Tracy Collier. (NMFS).
- 4:10 Efficacy of AQUI-S[™] as an Anesthetic on Various Life-Stages of Rainbow Trout (*Oncorhynchus mykiss*). – Jim Bowker, Dan Carty, Molly Poehling, Dave Erdahl and Bonnie Johnson (USFWS).
- 4:30 History of Liberations in the State of Oregon. – Dennis Dahrens (ODFW, Retired).
- 5:00 Drawing
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- 6:00 Executive Committee Meeting – Room 1555
Please have representatives from each sponsoring agency attend!
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THURSDAY, DECEMBER 6, 2001

IV. Fish Propagation and Beyond – Session Chair: Jack Hurst

8:20 Drawing

8:40 A Historical Perspective of the Columbia River Indian Fishery. – Steve Olhausen (USFWS).

9:00 Oregon Volunteer-Based Salmon and Trout Enhancement Program (STEP): Propagation Activity Overview and Examples. – Tom Stahl and Tom Rumriech (ODFW).

9:20 Fish Propagation and Beyond: A Harvest Perspective. – Steve King (ODFW).

9:40 New Life for Old Ponds. – Paul Kluyers (ODFW).

10:00 Break

10:20 Drawing

V. Public Outreach – Session Chair: Deb Eddy

10:30 Rising from the Ashes: 2000 vs. 2001 Free Fishing Day Event at Leaburg Hatchery. – Tim Wright (ODFW).

10:50 ODFW's Information & Education Division. – Anne Presentin (ODFW).

11:10 Use of Volunteers for Backpack Stocking. – Greg Grenbemer (ODFW).

11:30 Elk River Fish Hatchery: An Operations Overview. – Robin Crisler (ODFW).

12:00 Final Door Prize

Alternate Speakers and Presentations:

**** Fish Health: A perspective on changes and advancements for the new century. – Dr. Pete Taylor (USFWS).**

This talk presents a broad overview of fish health over the past 50 years. Discussion on standardization, new methodologies and new areas of research opportunities are presented.

**** Triploid Trout. – Bob Eselman (???)**

Poster Session

Advances In Salmonid Restoration Using Moist Incubation, Otolith Marking, and Eyed Egg Out-planting. – Tod Jones (Clatsop Economic Development Council).

Mobile PIT-tag Detection of Juvenile Salmonids in the Columbia River Estuary. – Richard Ledgerwood, Brad Ryan, and Edmund Nunnallee (NMFS).

National Fish Hatchery Assessment in the Columbia River Basin. – Doug Olsen (USFWS).

Assessment of florfenicol and oxytetracycline treatments to control an epizootic of coldwater disease. – Mary Peters Swihart, Steve Turner, Doug Dysart, and Susan Gutenberger (USFWS).

The Survival of Unfed Hatchery Coho Fry Used to Supplement a Population. – Laura Jackson and Dave Loomis (ODFW).

Smolt Tissue Selenium Loss as a Measure of Accumulated Stress. – John E. Halver (UW), S.R. Felton, and R. Zbanyszek