

OHRC Advisory Committee

“Research Report”

8 March 2010

David L. G. Noakes

Senior Scientist

OHRC

Presentations & Discussions

ODFW

Fish Screening & Passage

- Salem, 7 December 2009
- Barriers & Fish Passage – China, OHRC

ODFW - Corvallis

- 1 March 2010
- Alsea River – steelhead research discussion
- Dr. Michael Banks – proposal forthcoming

ODFW - Newport

- Avian Predator meeting
- 2 March 2010
- Michelle Schuiteman (ODFW), Thom Nelson, Dennis Richey and others

OCAMP

- 10 December 2010; Newport, Annex C
- 15 – 16 January 2010; Loop Analysis and ecological modeling, OHRC
- Planning Session; 12 February 2010: HMSC – Guin Library
- 20 February 2010; Colloquium 3; HMSC – marine environments
- 4 March 2010; Group 1 – PLC meeting; Newport – Annex C
- 7 April 2010; Teachers' Workshop; OHRC – 7 April 2010
- 17 April 2010; Colloquium 4; Yaquina Head
- 8 May 2010; Science Teaching Workshop; Beaverton, Oregon

OSU

Institute for Water & Watersheds

- Dr. Jeff McDonnell
- Research Proposals - “Watersheds”; “Climate Change”
- 18 December 2009

Research Conferences

RAFWE
OSU – Fisheries & Wildlife

2 February 2010

- a) Jeremy Romer – best oral paper
- b) Camille Leblanc – poster paper

Oregon Chapter American Fisheries Society

Eugene, Oregon

24 – 27 February 2010

Ryan Couture & Shaun Clements

Fish Culture and Health Section

“Invited Session”

Oregon Chapter American Fisheries Society

Eugene, Oregon

24 – 27 February 2010

Fish Culture and Health Section
(OHRC papers)

- 1) David Noakes – OHRC
- 2) Tim Hoffnagle – Chinook jacks
- 3) Robbins Church – fish mucus
- 4) Craig Banner – ODFW fish health

Oregon Chapter American Fisheries Society

Eugene, Oregon

24 – 27 February 2010

Oral Paper: “The Oregon Hatchery Research Center”
Fish Culture and Health Section

Oregon Chapter American Fisheries Society

Eugene, Oregon

24 – 27 February 2010

Brooke Penaluna (OHRC research project):

- a) Ph. D. student scholarship
- b) Carl Bond scholarship
- c) Best Poster Paper

Oregon Chapter American Fisheries Society

Eugene, Oregon

24 – 27 February 2010

Camille Leblanc – poster paper

Jeremy Romer – oral paper

Pacific Coast Steelhead Management Workshop

- 9 – 11 March 2010, Redmond, Oregon
- Oral Paper: “Steelhead Smolts in Oregon Coastal Rivers”
- Poster paper: “Salmonid smolts in Fall Creek”

Ecological Interactions of Hatchery and Wild Salmon Portland, Oregon 3 – 7 May 2010

Poster Papers:

- a) salmonid smolts
- b) the OHRC
- c) Camille Leblanc – early
development

Ecology, Ethology & Evolution of Fishes 2010

Vancouver, BC

16 – 20 May 2010

“Use of behavior to restore salmon”

“The OHRC: a laboratory in a natural environment”

Research Conferences

Organizer/Host

Wild Salmon Center
“Ecological Impacts of Hatcheries”
Research Conference

3 – 7 May 2010

Portland, Oregon

Ecology, Ethology & Evolution of Fishes

“Restoration and Conservation”

Simon Fraser University

British Columbia

16 – 20 May 2010

Teaching

a) Guest Lecture: Ecological
Physiology of Fishes - Winter 2010

b) Fish Ecology (FW 473/573) –
Spring 2010

Guest Lecture

Steelhead Angling Class

OSU

10 November 2009

Salmon Biology

- Fall 2010
- New course – OHRC, HMSC
- Drs. Chris Langdon, Scott Heppell, Selina Heppell, David Noakes

OHRC “Visitors”

Professor Skuli Skulason,
Rektor
Holar Agricultural University
Iceland

2 – 9 April 2010

Publications

Noakes, D. L. G. & C. Corrarino. 2010. The Oregon Hatchery Research Center: a research laboratory in a natural environment. World Aquaculture (in press).

<https://www.was.org/main/default.asp>

Carl Schreck & David Noakes

OSU – Website

Steelhead smolts in coastal rivers

<http://oregonstate.edu/ua/ncs/archives/2010/feb/new-study-finds-surprisingly-high-rate-steelhead-mortality-estuary>

MacPherson, Holmes, Muir &
Noakes. 2010. Whitefish diet.
Current Zoology

<http://www.currentzoology.org/temp/%7B789176F5-A4DF-4783-89D1-32B4F3AFD826%7D.pdf>

“Hatchery Research: Hatchery Reform”

Judy Gordon & David Noakes

Co-Editors

Fish & Fisheries Series

Springer Academic Publishers

(likely to include contributions from
Hatchery: Wild Salmon Conference)

“Threatened Fishes: Fish Conservation”

Special Volume:

Environmental Biology of Fishes

Gene Helfman, Peter Moyle, Yvonne Sadovy, Hiram Li,
Jennifer Nielsen, Melanie Stiassny, David Noakes,
Daiqin Chin, Mark Albins, Mark Hixon, Zeb Hogan

<http://springerlink.com/content/102877/>

Noakes, D. L. G., P. Rand & others.
Papers from the international conference
on ecological interactions of hatchery and
wild salmon. Special Volume,
Environmental Biology of Fishes.

<http://springerlink.com/content/102877/>

Gregory, Schreck & Noakes

“Effects of climate change on
Oregon Freshwater fishes”

Information paper

Dr. Mark Hixon (editor)

Research Projects and Proposals

Chinook Salmon Social Learning Research Proposal

“Approved with Amendments”

- waiting for ODFW replacement for
David Costas

Research Funding Kintama (BPA)

Effects of acoustic tagging on Chinook salmon smolts
HMSC

Carl Schreck & David Noakes

\$85,000 (Year 1) – approved

\$135,000 (Year 2) - requested

“Effects of Rearing Temperature on Sexual Development and Sexual Differentiation in Steelhead”

David Noakes, Kathleen Cole, Michael Blouin, Carl Schreck, Bruce Morrison

“In Review”

Funding Application USDA

International Science & Education

“Hatchery and Wild Fishes”
- support for students at OHRC

\$150,000 - requested

Funding Application

NSF

Field Station Upgrades

- silt pond cover; video
conferencing; wireless; underwater
video cameras

\$140,000 - requested

Alsea River Steelhead Genetics
Michael Banks, David Noakes
“Proposal In Preparation”

Research Funding GLFC

Pre-Proposal

David Noakes, Carl Schreck & Mike
Kent

- Effects of acoustic tagging on survival, growth and health of wild and hatchery salmon and steelhead
- \$350,000 - requested

NSF

- Center for Environmental Synthesis
- “OSU consortium”
- ~ \$30 million

OHRC

Advisory Committee

- 14 June 2010 (OHRC)
- ** 13 September 2010 **
 ? Re-schedule ?
- Conflicts with AFS Annual Meeting
 (12 – 16 September 2010)

