

8th International Workshop on Smoltification
September 20-24, 2009
Oregon Cooperative Fish and Wildlife Research Unit & Oregon State University

Background & Purpose:

Scientists with expertise concerning smoltification of salmonids convene every four years to discuss their work and brainstorm relevant questions in a workshop atmosphere. The intent of this activity is to provide understanding of the smoltification process to allow for informed decisions relevant to management, husbandry and conservation of anadromous salmonids.

Venue:

The workshops are held in various places that allow for both scientific exchange as well as an appreciation for the varied environments under which anadromous salmonids undergo smoltification. Prior workshops were held in LaJolla in California, Stirling in Scotland, Trondheim in Norway, St. Andrews in Canada, Muonio in Finland, Westport in Ireland, and Tono in Japan. Exemplary of the concept of understanding environmental variation, the Trondheim workshop near the Arctic Circle was held near the longest day of the year and the Muonio workshop above the Arctic Circle was held on the shortest day of the year.

The 8th Workshop will start with a reception in Corvallis the evening of **September 20**. Workshop sessions will be in various landscape and climatic settings (lodging at the Hilton Garden Inn):

- (1) The Oregon Coast with meetings at the Hatfield Marine Science Center, <http://hmsc.oregonstate.edu/>. (September 21). Travel time 1 hr. (lodging at the Embarcadero)

- (2) Through rain forest to the Oregon Hatchery Research Center, <http://www.dfw.state.or.us/OHRC/>, for meetings and posters Travel time 1 hr. In the late afternoon travel through forested and agricultural landscapes back to OSU Corvallis campus, <http://oregonstate.edu/> (travel time 1 hr) with an evening visit (including dinner) to two university research facilities (Fish Performance and Genetics Laboratory of the Oregon Cooperative Fish and Wildlife Research Unit and the John Fryer Salmon Disease Laboratory of the Center for Fish Disease Research; travel time, 15 minutes from hotel). (September 22). (lodging at the Garden Hilton)

- (3) Meeting on the OSU campus in Corvallis in the morning of September 23. The workshop will then travel to Sunriver in the afternoon with a visit to Willamette Hatchery along the way. (lodging at Sunriver Resort)

- (4) The last day of the workshop will be in arid, high-desert landscape at Sunriver, <http://www.sunriver-resort.com/> (September 24).

(5) A separate visit to Bonneville Dam and Bonneville Hatchery is planned for those interested in bussing back to Portland International Airport instead of flying out of an airport 20-30 minutes from Sunriver on the day after the workshop, assuming that there is sufficient interest. There will be displays at Bonneville Hatchery by researchers from the Columbia River Research Laboratory, USGS, covering their smolt research. This will include demonstrations of technologies for things such as 3-D fish tracking. (25 September)

Participation is by invitation only to maintain the true workshop atmosphere. The program will consist of oral and poster paper presentations (all participants will be given an opportunity to contribute). Key topics will also be discussed in round-table formats; topics will be listed subsequently. Elsevier has agreed to publish the proceedings of this workshop in the international peer-reviewed journal *Aquaculture*, where those of all the previous workshops have also been published. This journal does not limit publication to only those papers concerned with fish culture.

Costs & Other Information

There will be no registration fee for this workshop. Costs to participants will be for lodging and meal packages. So that the Workshop is not charged for meeting room rental, it is important that participants stay at the designated lodging sites. Some meal cost are being subsidized by donors. The Corvallis and Newport sites are quite inexpensive. The Sunriver lodging is more expensive but covers the meeting room and other workshop amenities that would normally be covered in a meeting registration fee. Travel between meeting sites will be by tour bus and will be provided gratis to participants.

Convener & Contact:

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International Scientific Steering Committee:

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- Munehico Iwata, Japan (emeritus)
- Steve McCormick, USA
- Phil McGinnity, Ireland
- Carl Schreck, USA
- Sigurd Stefansson, Norway
- Hiroshi Ueda, Japan

Local Organizing Committee:

- Brian Beckman, NOAA-Fisheries

Local Organizing Committee (continued):

- Rob Chitwood, OCFWRU & Department of Fisheries and Wildlife, OSU
- Shaun Clements, Oregon Department of Fish and Wildlife
- Michael Kent, Department of Microbiology, OSU
- Alec Maule, Columbia River Field Station. U.S.G.S
- David Noakes, Department of Fisheries and Wildlife, OSU, & Oregon Department of Fish and Wildlife
- Carl Schreck, Convener, USGS-OCFWRU