



Oregon Department of Fish and Wildlife

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Oregon Hatchery Research Center (OHRC) Monthly Progress Report

Month: April 2011

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Facility Issues

- Staff from ODFW's Information Systems Division met at the OHRC this month to plan and discuss the wireless network project. Everything is moving forward and the system should be installed by the end of June.
- The semi-annual Institutional Animal Care and Use Committee (IACUC) inspection took place this month. The inspectors found nothing of concern to report.
- The crew spent part of one week refurbishing egg and fry baskets. Some of the needed the frame refurbished and all the baskets will be repainted.

Fish Handling/Research Projects

- Neil Thompson, OSU grad student, wrapped up his project at OHRC this month looking at sperm of H and W Siletz Winter Steelhead. He also measured motility of individual males when activated by different females.
- Christine May, a professor and researcher from James Madison University in West Virginia, started her experiment at OHRC this month. The projects hypothesis is that increases in coarse sediment depth will result in a linear decrease in survival by entrapping juvenile salmonids in the subsurface environment. Also, they hypothesize that fine sediment will exponentially decrease the depth at which mortality occurs. Christine is using four fiberglass troughs filled with sediment as well as one fiberglass tank for this experiment. The project should wrap up in June.
- After replacing the chiller in our Moist Air Incubator due to copper toxicity, we received about 100,000 green eggs from Alsea Hatchery and restarted the moist air incubation experiment (for the 3rd time). We will measure survival of MAI vs. heath incubation at three densities.
- NO adult fish were trapped this month. Adult trap numbers to date are:

	Chinook	Coho	Steelhead
2010-'11 (season total)	54	242	83 wild 6 hatchery
2009-'10 (season total)	55	414	97 wild 33 hatchery

Miscellaneous

-Rick Leach from Trophy Taxidermy met onsite this month to wrap up plans for the life-size fish display project. Rick took with him river rock and wood structure from Fall Creek for the display. The project should wrap up mid-June.

-Staff spent 3 days this late this month helping out at Forest Camp at Camp Tadmor near Lebanon. We assisted with the challenge course as well as angling education.

-An Environmental Studies class from University of Oregon spent most of one day at the OHRC. They toured the facility, talked about habitat issues in Fall Creek and visited the log placement structure 2 miles upstream in Fall Creek. The class is a mix of Biology, Ecology and Geology students. Christine May is teaching the biology portion of this course.

-Ryan attended an Advisory Committee meeting in Newport for the Oregon Coast Community College Aquarium Science Program.

-We said goodbye this week to our hosts Mike and Leona Norris. They have been GREAT hosts and have been here for the better part of the last three years. They will be missed.