



Oregon Department of Fish and Wildlife

"DRAFT"

Oregon Hatchery Research Center (OHRC) Monthly Progress Report

Month: May 2010

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Facility Issues

-A volunteer contractor from Corvallis assisted staff building a small tool shed this month. The shed will also be used to store our lawn mowers in the winter. The volunteer donated 20 hours to count towards his Master Hunter Program.

Fish Handling/Research Projects

-The OSU crew collecting and tagging steelhead smolts if off to a slow start. To date only 16 of the proposed 70 smolts have been tagged.

-The group of triploid winter steelhead eggs reached the eyed stage this month and staff shocked and picked them. The loss in the triploid group was 26% compared to 15% in the diploid group. We will rear both groups for one year and take physiology samples at the smolt stage.

-Jack Sisco from Roaring River Hatchery assisted staff with wrapping up a project this month. The project was started last year with assistance from Anitra Firmenich and the intent was to measure changes in growth in triploid and diploid rainbow trout when reared separate and in mixed groups. We also had low (0.5 % body weight) and high (3.5% body weight) feed rate groups.

-Christine May was here this month to wrap up her project in the stream channels. This study will help establish a quantitative relationship between sediment deposition and survival of naturally reproducing steelhead. She used the experimental stream channels at OHRC to vary the depth and composition of sediment overlying incubating eggs and measure the impacts. Emerging fry were captured in emergence traps and escapees were enumerated by snorkeling and electrofishing.

Outreach & Education

-Fifteen 5th and 6th graders from Siuslaw Elementary were here this month. The class toured the facility, collected and identified benthic invertebrates in Fall Creek, and identified juvenile salmonids in the screw trap.

-The 2nd and 3rd grade class here from Eddyville School was here this month as well. The kids sampled benthic invertebrates in Fall Creek and identified juvenile fish in the screw trap. A gentleman from Salem CCTV was here to shoot some footage for a video he is producing.

-Forty 7th graders from Crestview Middle School spent part of one day at OHRC this month. The class tested water quality, identified juvenile salmonids and sampled benthic invertebrates.

- David Noakes brought his Fish Ecology class to OHRC for a weekend this month.
- Staff have begun to prepare for this years Free Fishing Day which will take place June 12th. Staff spent time at Thissel Pond clearing brush and repairing angling docks prior to the event.

Miscellaneous

- OHRC staff and David Noakes gave a tour to two California Department of Fish and Wildlife employees designing a conservation hatchery. Manny Farinas and Bill Otto brought the group to OHRC.
- Ryan attended an Advisory Committee Meeting for the Oregon Coast Community College's Aquarium Science Program. The meeting was held in the new OCCC building and we discussed plans for the new Aquarium Science building to be built this summer.