

2007 OUT-MIGRATION REPORT

Fautleroy Creek

Tom Linde and Steev Ward, volunteer monitors

SUMMARY

The creek produced 24 live coho smolts this year, slightly more than last year. Total body length was a bit larger on the low end of the range and a bit smaller on the high end.

| Year | Monitoring Period | Live Smolts | Smolt Size Range | Dead Smolts | Live Fry | Dead Fry | Released Fry |
|------|-------------------|-------------|-------------------------|-------------|----------|----------|--------------|
| 2007 | 4/7 to 5/19 | 24 | 115 mm - 128 mm | 0 | 20 | 0 | 2,276 |
| 2006 | 4/9 to 5/18 | 22 | 105 mm - 155 mm | 1 | 121 | 0 | 2,033 |
| 2005 | 3/16 to 5/27 | 10 | 100 mm - 135 mm | 0 | 34 | 3 | 1,138 |
| 2004 | 3/3 to 6/10 | 11 | 97 mm - 123 mm | 0 | 569 | 3 | 1,534 |
| 2003 | 4/2 to 6/16 | 37 | (used different method) | 0 | 637 | 84 | 1,254 |

For lack of spawners last fall, we had no "home hatch" to observe. We did not find any other species in the trap. Also, we saw no evidence of river otters' dipping fish from the trap, as happened last year.

METHODOLOGY

Our trap is a wooden box fitted with netting. When anchored with rebar below a weir in the fish ladder, it softly traps everything flowing over the weir, from leafy debris to fish. We checked it almost daily during the monitoring period. We released all fish - including live fry - to continue their journey downstream. Measurements are standardized to total length: body including tail fin.

OUTWARD-BOUND JUVENILES

All fry found in the trap this year were live. Only a handful washed down from the release site in Fautleroy Park.

RELEASES

As shown in the following table, only one school released before late April, when fry appear big enough to have a chance to survive in the wild. Two schools that in prior years had released early took our advice this year and scheduled later field trips.

| School | Release Date | # of Fry |
|-----------------------------|--------------|----------|
| Schmitz Park Elementary | March 23 | 200 |
| Alki Preschool | April 23 | 40 |
| Play group | April 25 | 100 |
| KapKa Cooperative Primary | April 25 | 200 |
| Alki Elementary | April 27 | 206 |
| Fautleroy Children's Center | May 2 | 200 |
| Roxhill Elementary | May 3 | 280 |
| Gatewood Elementary | May 4 | 240 |
| Cooper Elementary | May 8 | 200 |
| Arbor Heights Elementary | May 10 & 11 | 200 |
| Fairmount Park Elementary | May 17 | 150 |
| Remaining volunteer fish | | 360 |