

2010 OUT-MIGRATION REPORT

Fauntleroy Creek

Steev Ward, Dennis Hinton, and Jack Lawless, volunteer monitors

SUMMARY

We documented a total of 24 live coho smolts headed for nearshore habitat in Fauntleroy Cove, more than the past two years and more than the average to date. Total body length was longer than the average to date. The number of trapped live fry was up from last year. We did not find any other aquatic species in the trap.

Year	Monitoring Period	Live Smolts	Smolt Size Range	Dead Smolts	Live Fry	Dead Fry	Released Fry
2010	4/1 to 5/22	24	110 mm - 140 mm	0	81	2	2,298
2009	4/1 to 5/31	18	97 mm - 110 mm	1	1	0	1,936
2008	4/2 to 5/31	17	100 mm - 135 mm	0	85	0	1,790
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
Average to date		20	103 mm - 132 mm				

METHODOLOGY

Our wooden box fitted with netting is anchored below a weir due upstream of the fish ladder in the lower creek. It softly traps everything headed downstream. We checked it almost daily during the monitoring period and released all live fish to continue their journey. Our standard measurement is total length - body including tail fin.

DAILY DATA

Date	# Smolts	Size	Live Fry	Dead Fry
4/2	1	110 mm	1	2
4/4	1	125 mm	2	-
4/5	1	-	-	-
4/6	1	-	-	-
4/9	2	140 mm 125 mm	2	-
4/10	1	127 mm	4	-
4/12	3	140 mm 110 mm 110 mm	6	-
4/13	-	-	5	-
4/14	4	-	5	-
4/15	-	-	1	-
4/17	3	-	-	-
4/24	2	102 mm 114 mm	10	-

Date	# Smolts	Size	Live Fry	Dead Fry
4/25	2	121 mm 102 mm	6	-
4/27	1	-	-	-
5/1	-	-	5*	-
5/4	1	114 mm	8	-
5/6	-	-	14**	-
5/12	1	-	2	-
5/13	-	-	4	-
5/14	-	-	1	-
5/15	-	-	1	-
5/19	-	-	1	-
5/20	-	-	2	-
5/22	-	-	1	-
Total	24		81	2

* up to 55 mm

** up to 62 mm

RELEASES

Youngsters released the most coho fry this year. As shown below, their releases occurred from late April to late May. Jack Lawless again raised 500 "volunteer" fry for groups that did not bring their own.

DATE	SCHOOL / GROUP	# KIDS	# FRY
4/23	Alki	60	179
5/4	Roxhill	40	120
5/3	West Seattle MOMS	15	40
5/4	KapKa Cooperative K-2	36	160
5/6	Seattle Aquarium Society	13	35
5/12	Westside	31	200
5/12	Fauntleroy Children's Center	14	177
5/13	Little Pilgrim preschool	32	60
5/14	West Seattle	26	140
5/17	White Center Heights	28	60
5/17	Sanislo	47	195
5/18	Arbor Heights	50	199
5/19	Cove preschool	10	30
5/20	Denise Louis Head Start	17	40
5/21	Gatewood	23	238
5/26	Pathfinder	55	194
Rest of volunteer fry			231
TOTALS		497	2,298