

2015 OUT-MIGRATION REPORT, FAUNTLEROY CREEK

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SUMMARY

Volunteer monitors documented a total of 35 coho smolts that survived their time in Fauntleroy Creek to migrate out to saltwater habitat in Fauntleroy Cove. All but two of this number were found in the lower trap as the upper trap did not go in until April 29. By casual observation, smolt size appeared to be comparable to past years. Volunteers found 120 release fry that had washed into one of the traps.

Year	Monitoring Period	Live Smolts Upper	Live Smolts Lower	Dead Smolts	Smolts to Salt	Smolt Size Range (mm)	Live Fry Upper	Live Fry Lower	Dead Fry	Eggs to Schools*	Released Fry
2015	3/27 - 5/31	2	33	0	35	---	100		20	2,700	1,700
2014	3/15 - 5/31	8	11	0	19	---	84	0	1	3,450	2,409
2013	3/15 - 5/31	65	76	12	141	---		534	0	2,800	1,987
2012	3/17 - 6/7	145	85	2	157	90 -105		924	56	3,100	2,615
2011	3/25 - 5/30	147	36	0	36	---		a few	0	2,900	2,027
2010	4/1 - 5/22		24	0	24	110 - 140		81	2	2,500	2,298
2009	4/1 - 5/31		18	1	18	97 -110		1	0		1,936
2008	4/2 - 5/31		17	0	17	100 -135		85	0		1,790
2007	4/7 - 5/19		24	0	24	115 -128		20	0		2,276
2006	4/9 - 5/18		22	1	22	105 -155		121	0		2,033
2005	3/16 - 5/27		10	0	10	100 -135		34	3		1,138
2004	3/3 - 6/10		11	0	11	97 -123		569	3		1,534
2003	4/2 - 6/16		37	0	37			637	84		1,254

*Does not include any eggs left by spawners

METHODOLOGY

The two traps are similar: a wooden box fitted with netting and anchored below a weir such that all water flows through, softly trapping everything headed downstream. One was positioned as the creek flows out of Fauntleroy Park (where schoolchildren release their fry) and the other was positioned just upstream of the fish ladder, about a half block before the creek empties into central Puget Sound. The upper trap was in full view of anyone visiting Fenton Glen, at the east end of the Fauntleroy Church parking lot, but we saw no evidence of its being tampered with. We checked the traps daily and (with state permission) transported smolts from the upper trap downstream to ensure their safety. We released all smolts to continue their journey and released fry downstream of where they were caught. To avoid trauma, we did not handle the smolts to get exact measurements.

COMMENTS

The number of smolts rebounded somewhat from the markedly low number last year. Given that we started seeing smolts right away, the traps could have gone in earlier than late March and might have come out in mid May. Spring came early this year for riparian plants and may have come early, as well, for smolts.

RELATED EDUCATION

We were able to show some student groups coming for salmon releases a smolt in an aerated bucket to demonstrate growth over one year in the creek

Attachments: Daily records of data

Date	Smolt					To Salt	Comment
	Upper		Lower				
	No.	Sum	No.	Live Sum	Dead		
27-Mar	0	0	2	2		2	
28-Mar	0	0	1	3		3	
29-Mar	0	0	0	3		3	
30-Mar	0	0	1	4		4	
31-Mar	0	0	0	4		4	
1-Apr	0	0	7	11		11	
2-Apr	0	0	1	12		12	
3-Apr	0	0	0	12		12	
4-Apr	0	0	1	13		13	
5-Apr	0	0	0	13		13	
6-Apr	0	0	0	13		13	
7-Apr	0	0	3	16		16	
8-Apr	0	0	5	21		21	
9-Apr	0	0	0	21		21	
10-Apr	0	0	2	23		23	
11-Apr	0	0	0	23		23	
12-Apr	0	0	1	24		24	
13-Apr	0	0	4	28		28	
14-Apr	0	0	0	28		28	
15-Apr	0	0	0	28		28	
16-Apr	0	0	1	29		29	
17-Apr	0	0	1	30		30	
18-Apr	0	0	1	31		31	
19-Apr	0	0	0	31		31	
20-Apr	0	0	0	31		31	
21-Apr	0	0	0	31		31	
22-Apr	0	0	0	31		31	
23-Apr	0	0	0	31		31	
24-Apr	0	0	0	31		31	
25-Apr	0	0	0	31		31	
26-Apr	0	0	0	31		31	
27-Apr	0	0	1	32		32	
28-Apr	0	0	0	32		32	
29-Apr	1	1	0	32		33	
30-Apr	0	1	1	33		34	

Date	Smolt					To Salt	Comment
	Upper		Lower				
	No.	Sum	No.	Live Sum	Dead		
1-May	0	1	0	33		34	
2-May	0	1	0	33		34	
3-May	0	1	0	33		34	
4-May	0	1	0	33		34	
5-May	0	1	0	33		34	
6-May	0	1	0	33		34	
7-May	0	1	0	33		34	
8-May	0	1	0	33		34	
9-May	0	1	0	33		34	
10-May	0	1	0	33		34	1 fry
11-May	1	2	0	33		35	
12-May	0	2	0	33		35	
13-May	0	2	0	33		35	
14-May	0	2	0	33		35	
15-May	0	2	0	33		35	
16-May	0	2	0	33		35	1 fry
17-May	0	2	0	33		35	
18-May	0	2	0	33		35	
19-May	0	2	0	33		35	
20-May	0	2	0	33		35	24 fry
21-May	0	2	0	33		35	
22-May	0	2	0	33		35	
23-May	0	2	0	33		35	5 fry
24-May	0		0			35	23 fry
25-May	0		0			35	20 fry
26-May	0		0			35	
27-May	0		0			35	26 fry
28-May	0		0			35	
29-May	0	2	0	33		35	20 dead fry
30-May	0	2	0	33		35	
31-May	0	2	0	33		35	

