

Vaki Riverwatcher 2012-2013

(03/01/12-4/8/13)

		M	A	M	J	J	A	S	O	N	D	J	F	subtotal	total YTD	M	A	M	J	J	A	S	O	N	D	J	F	subtotal	total YTD
O.tshawytscha	N	2	0	50	89	89	195	776	1858	469	55	44	19	3646	4723	11	1											12	15
	S	0	0	20	97	25	41	235	540	82	23	12	2	1077		2	1											3	
Ad-clip	N	0	2	118	154	9	26	158	415	434	10	2	1	1329	1804	0	0											0	1
	S	0	0	45	157	1	6	63	122	64	15	2	0	475		1	0											1	
Ad-undet.	N	0	0	2	1	3	0	25	32	23	3	2	0	91	126	0	0											0	0
	S	1	0	4	3	0	1	5	5	5	11	0	0	35		0	0											0	
Total	N	2	2	170	244	101	221	959	2305	926	68	48	20	5066	6653	11	1											12	16
	S	1	0	69	257	26	48	303	667	151	49	14	2	1587		3	1											4	
O.mykiss	N	12	11	14	13	11	9	21	28	11	22	18	21	191	345	85	14											99	125
	S	8	17	16	7	18	8	15	21	7	4	18	15	154		19	7											26	
Ad-clip	N	6	5	10	8	1	1	9	14	28	43	16	9	150	230	8	0											8	27
	S	5	1	4	1	1	0	4	8	8	5	7	36	80		16	3											19	
Ad-undet.	N	8	6	2	1	1	1	0	0	1	47	3	0	70	114	5	0											5	6
	S	5	12	0	0	1	0	1	0	0	19	0	6	44		1	0											1	
Unk. salmonid	N	3	0	1	1	2	1	5	2	0	8	3	0	26	46	0	0											0	1
	S	0	0	1	1	0	0	1	1	4	11	1	0	20		1	0											1	
S. pikeminnow	N	28	79	62	10	5	4	0	0	1	3	1	4	197	288	44	27											71	82
	S	6	31	41	2	7	2	1	0	0	0	0	1	91		9	2											11	
S. sucker	N	177	158	146	16	16	5	6	0	8	9	5	39	585	1391	201	56											257	314
	S	185	496	97	6	9	1	0	0	4	5	0	3	806		46	11											57	
Hardhead	N	0	4	19	2	0	1	0	0	0	0	0	0	26	45	1	1											2	4
	S	0	3	15	0	1	0	0	0	0	0	0	0	19		1	1											2	
A. Shad	N	0	0	6	27	2	0	0	0	0	0	0	0	35	36	0	0											0	0
	S	0	0	0	1	0	0	0	0	0	0	0	0	1		0	0											0	
O.gorbuscha	N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											0	0
	S	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0											0	
Brown Trout	N	0	0	0	0	1	0	0	0	0	0	0	0	1	4	1	0											1	1
	S	0	0	0	0	0	0	0	1	2	0	0	0	3		0	0											0	
Striped bass	N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											0	0
	S	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0											0	
O. nerka	N	0	0	0	0	0	0	2	0	0	0	0	0	2	2	0	0											0	0
	S	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0											0	
Unident. (TL<35cm)	N	5	-67	-5	3	8	0	3	6	-2	112	0	-3	60	304	-12	0											-12	-7
	S	119	49	-1	0	1	1	1	0	1	41	24	8	244		5	0											5	
Unident. (TL≥35cm)	N	0	0	0	0	0	0	2	0	0	-3	0	0	-1	-1	0	0											0	0
	S	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0											0	
Mean % Op.	N	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100											100	100
	S	100	100	100	100	100	100	100	100	100	99	100	100	100		100	100											100	

Floodplain Rearing Summary

Release/Recovery

Unit	Released	Recovered	% Recovery
West Net Pen	20	14	70%
East Net Pen	20	19	95%
Main Field	986	556	56%
Total	1026	589	57%

Mean Growth per Day (fork length in mm)

Unit	Week 1	Week 2	Week 3	Week 4	Overall
West Net Pen	0.68	1.01	0.65	0.38	0.70
East Net Pen	0.53	1.02	0.71	0.50	0.70
Main Field	0.64	1.17	0.78	0.52	0.80

General Growth Metrics

Day	Unit	Total	Mean ± SE	Mean ± SE	Mean ± SE
		Count	Fork Length (mm)	Mass (g)	Fulton's K
1	West Net Pen	21	44.0 ± 0.73	0.84 ± 0.04	0.96 ± 0.02
	East Net Pen	20	44.3 ± 0.45	0.95 ± 0.03	1.08 ± 0.03
	Main Field	170	43.8 ± 0.23	0.85 ± 0.01	0.99 ± 0.01
7	West Net Pen	15	48.8 ± 0.48	1.24 ± 0.03	1.07 ± 0.02
	East Net Pen	19	48.0 ± 0.43	1.18 ± 0.04	1.07 ± 0.02
	Main Field	59	48.3 ± 0.42	1.23 ± 0.03	1.08 ± 0.01
14	West Net Pen	16	55.9 ± 0.53	1.96 ± 0.05	1.12 ± 0.02
	East Net Pen	18	55.1 ± 0.46	1.80 ± 0.05	1.07 ± 0.02
	Main Field	71	56.5 ± 0.38	2.03 ± 0.04	1.11 ± 0.01
21	West Net Pen	15	60.4 ± 0.67	2.53 ± 0.06	1.15 ± 0.02
	East Net Pen	13	60.1 ± 0.80	2.49 ± 0.09	1.15 ± 0.02
	Main Field	39	62.0 ± 0.50	2.91 ± 0.06	1.22 ± 0.02
26	West Net Pen	14	62.3 ± 0.65	2.73 ± 0.09	1.13 ± 0.01
	East Net Pen	19	62.6 ± 0.50	2.70 ± 0.08	1.10 ± 0.02
	Main Field	35	64.6 ± 0.60	3.12 ± 0.08	1.15 ± 0.01

Floodplain Rearing Summary (cont.)

