

**Forest Science Project
Survey Season 2000**

NO NEED

TO REVIEW

See NOTE

+ Doc 7622

Floppy disk included containing
spreadsheets of survey data

11559

Scanned to PDF
On: 6/13/08 By: MZ

YEAR	LLID	REACH	STREAM	FROM (km)	TO (km)	Comments
2000	1240492412997	4	Prairie Creek	0.0000	10.7260	
2000	1240303413292	9	Little Lost Man Creek	0.0000	2.0763	
2000	1240308413445	14	Streelow Creek	0.0000	1.4667	
2000		14.1	Streelow Creek	0.0000	0.6584	(above confl. w/NF)
2000	1240172413862	19	Brown Creek	0.0000	0.0775	
2000	1241130412107	28	Maple Creek	0.0000	7.8580	
2000	1240944411441	33	Maple Creek	0.0000	4.1570	
2000	1241105410275	38	Little River	0.0000	9.5970	
2000	1240176410289	48	Little River - Lower SF	0.0000	4.9440	
2000	1240019408828	68	Powers Creek	0.0000		No Fish - Dry
2000	1239385408348	78	Canon Creek	0.0000	4.7270	
2000	1240814408436	93	Jacoby Creek	0.0000	6.5810	
2000	1241392408052	107	Freshwater Creek	0.0000	21.3880	
2000	1241964407703	117	Elk River - NF	0.0000	25.1960	
2000	1241512407026	127	Elk River - SF	0.0000	10.7100	
2000	1240961406734	132	Elk River - Little SF	0.0000	0.0240	
2000	1241105410275	43	Little River	17.105		No Coho Observed
2000	1239888408725	73	Mad River - NF	4.865		No Coho Observed
2000	1240474407538	112	Graham Gulch	0.0		No Coho Observed
2000	1241964407703	122	Elk River - NF	35.624		No Coho Observed
2000	1240643406930	137	McWhinney Creek	0.0		No Coho Observed
2000	1242219406831	147	Salmon Creek	15.348		No Coho Observed
2000	1238356409605	24	Minor Creek	1.961		Not Surveyed
2000	1241128409252	53	Mill Creek (McKinleyville)	0.0		Not Surveyed
2000	1240292409011	58	Lindsay Creek	5.123		unsurveyable
2000	1240448409548	63	Lindsay Creek - Trib	0.0		Not Surveyed
2000	1238769407754	83	Davis Creek	2.481		Not Surveyed
2000	1238876407630	88	Black Creek	5.618		Not Surveyed
2000	1240974408014	98	Fay Slough - Trib	1.251		Not Surveyed
2000	1241392408052	102	Freshwater Creek	11.317		unsurveyable
2000	1242219406831	142	Salmon Creek	5.588		unsurveyable

ADDED TO DOC
11559 ON 04/28/2004

Reach ID	Stream	Description	Length (m)
4	Prairie Creek	Between May and Godwood Creeks	2857
9	Little Lost Man Creek	Entire extent of coho	2452
19	Brown Creek	Entire extent of coho	3601
24	Minor Creek	From 3rd trib to 5th trib on 24k quad	1397
53	Mill Creek (McKinleyville)	Entire extent of coho	1589
58	Lindsey Creek	From Squaw Creek to Fieldbrook trib	2663
63	Unnamed Trib (to Lindsey)	Through Fieldbrook, entire extent of coho	2718
68	Powers Creek	Entire extent of coho	2703
83	Davis Creek	(Maple Cr.(Mad) trib) 2nd trib to road x-ing	2697
88	Black Creek	6th south side trib upstream for 2318m	2318
93	Jacoby Creek	From golf course trib to 1st trib above Morrison Gulch	2747
98	Unnamed Trib (to Fay Slough)	(by Ole Hansen Rd) Entire extent of coho	3271
102	Freshwater Creek	From 1st trib downstream of McCreedy Gulch to Little Freshwater Creek	1816
127	SF Elk River	Little SF Elk River to 1st unnamed trib	2243
132	Little SF Elk River	Entire extent of coho	2101
147	Salmon Creek	From trib approx 370m downstream into Simpson property to second upstream trib	1469
14	Streelow Creek	HSU Fisheries Coop. Reach	2126
28	Maple Creek (Big Lagoon)	From lagoon to first bridge	2219
33	Maple Creek (Big Lagoon)	Old road x-ing approx 2km up from NF Maple Creek to first upstream trib	2655
38	Little River	From SF little River to Railroad Cr.	2330
43	Little River	Uppermost Reach from trib at approx 17 km to end of coho anadromy	1773
48	Lower SF Little River	From second trib to end of coho anadromy	2814
73	NF Mad River	Hatchery Creek to end of coho anadromy	1714
78	Canon Creek	From 3rd trib to end of coho anadromy	1397
142	Salmon Creek	Little Salmon Creek to 1st unnamed trib	2591
107	Freshwater Creek	Between 3rd and 4th tribs upstream of SF Freshwater Creek	1560
112	Graham Gulch	Entire extent of coho	1709
117	NF Elk River	1717m section that ends at Lake Creek	1717
122	NF Elk River	2nd Uppermost Reach	1904
137	McWhinney Creek	Entire extent of coho	2051

RECEIVED FROM BETHANY REISBERG
OF INSTITUTE FOR FOREST AND
WATERSHED MGMT ON 04/28/2004

HUC	Drainage Stream	Reach	Divers	Date
Mad-Redwood	ElkRiver	SFElkRiver 127	Josh Boyce Kyle Brackensiek Tracy McCullogh	9/8-9/10/00.9/30/00

Reach. No.	Unit No.	Diver	Species	age	DIVE1	DURATION1	Vs	Phase2	Efish	DIVE2	DURATION2	DIVE3	DURATION3	DIVE4	DURATION4	Comments
127	004	J. Boyce	CO	0+	21		G	n1	n	35		33		36		no comment
127	006	K. Brackensiek	CO	0+	68		G	n1	n							
127	012	K. Brackensiek	CO	0+	29		G	n2	n	17		16		15		
127	016	J. Boyce	CO	0+	12		G	y3	n	38		47		44		
127	018	K. Brackensiek	CO	0+	44		G		n	19		17		20		
127	022	K. Brackensiek	CO	0+	19		G	y4	n	13		19		19		
127	024	J. Boyce	CO	0+	11		G	y5	n	46		47		43		
127	026	K. Brackensiek	CO	0+	51		G		n							
127	029	K. Brackensiek	CO	0+	46		G	y6	y							
127	030	K. Brackensiek	CO	0+	18		G	n7	n							
127	032	K. Brackensiek	CO	0+	56		G	n8	n			44		40		
127	034	K. Brackensiek	CO	0+	41		G		n	34						
127	036	K. Brackensiek	CO	0+	29		G	n9	n							
127	037	K. Brackensiek	CO	0+	14		G	n10	n							
127	039	K. Brackensiek	CO	0+	27		G	y11	y							
127	042	K. Brackensiek	CO	0+	11		G	y12	n	7		9		9		
127	043	K. Brackensiek	CO	0+	6		G	y13	n	6		5		6		
127	046	J. Boyce	CO	0+	1		G	n14	n							
127	048	J. Boyce	CO	0+	39		G	n15	n							
127	049	J. Boyce	CO	0+	2		G	y16	n	4		5		9		
127	050	J. Boyce	CO	0+	21		G	y17	y							
127	055	J. Boyce	CO	0+	7		G	n18	n							
127	057	J. Boyce	CO	0+	47		G	n19	n							
127	058	J. Boyce	CO	0+	71		G	n20	n							
127	059	J. Boyce	CO	0+	31		G	n21	n							
127	060	J. Boyce	CO	0+	2		G	n22	n							
127	063	J. Boyce	CO	0+	38		G	y23	y							
127	065	J. Boyce	CO	0+	38		G	n24	n							
127	069	J. Boyce	CO	0+	59		G		n	66		53		60		
127	072	J. Boyce	CO	0+	19		G	n25	n							
127	082	J. Boyce	CO	0+	25		G	y1	y							
127	083	J. Boyce	CO	0+	9		G	n37	n							
127	096	J. Boyce	CO	0+	38		G	n38	n							
127	098	J. Boyce	CO	0+	8		G	y39	n	8		5		6		
127	103	J. Boyce	CO	0+	17		G	y2	n	19		15		19		
127	105	J. Boyce	CO	0+	25		G	n40	n							
127	107	J. Boyce	CO	0+	102		P		n	105		84		98		poor visibility
127	109	T. McCullogh	CO	0+	8		G	n41	n							
127	118	T. McCullogh	CO	0+	20		G	n42	n							
127	121	T. McCullogh	CO	0+	12		G		n	17		10		16		
127	125	J. Boyce	CO	0+	29		G	y43	y							

HUC	Drainage	Stream	Date	Recorder	Efisher	Netters	AdditionalCrew
Mad-Redwood	Elk	SFElk	9/10-9/11/00.10/3/00	Yarrow King	Mark F.	J.I./J.H.	Y.K./D.M./J.B.

REACHNO.	UNITNO.	EPASSNO.	SPECCODE	AGECLASS	LIVECOUNT	MORTCOUNT	FISHCOUNT	COMMENTS
127	003	1	CO	O+	0		0	no comment
127	003	2	CO	O+	0		0	
127	003	3	CO	O+	0		0	
127	027	1	CO	O+	4		5	
127	027	2	CO	O+	1	1	1	
127	027	3	CO	O+	0		0	
127	029	1	CO	O+	10	1	11	
127	029	2	CO	O+	6		6	
127	029	3	CO	O+	3		3	
127	029	4	CO	O+	1		1	
127	039	1	CO	O+	9		9	
127	039	2	CO	O+	3		3	
127	039	3	CO	O+	4		4	
127	039	4	CO	O+	3		3	
127	062	1	UT	O+	10	1	11	Unit contains nice pocket pool under root wad where majority of coho are being captured.
127	062	1	UT	1+	2	0	2	
127	062	1	CO	O+	8	0	8	PASS #1: 2 Salamanders
127	062	2	UT	O+	7	0	7	
127	062	2	UT	1+	2	0	2	
127	062	2	CO	O+	4	0	4	
127	062	3	UT	O+	2	0	2	PASS #3: 1 Salamander
127	063	1	CO	O+	9		9	
127	063	2	CO	O+	8		8	
127	063	3	CO	O+	2		2	
127	063	4	CO	O+	2		2	
127	082	1	CO	O+	5	1	6	
127	082	2	CO	O+	7		7	
127	082	3	CO	O+	7		7	
127	082	4	CO	O+	5		5	
127	100	1	CO	O+	0		0	
127	100	2	CO	O+	0		0	
127	100	3	CO	O+	0		0	
127	124	1	CO	O+	2		2	
127	124	2	CO	O+	0		0	
127	124	3	CO	O+	0		0	
127	125	1	CO	O+	11		11	
127	125	2	CO	O+	11		11	
127	125	3	CO	O+	4		4	
127	125	4	CO	O+	0		0	no comment

UnitNo.	Pass	start	stop	duration	watertemp
003	1	0	167	167	14
	2	167	302	135	
	3	302	430	128	
027	1	0	510	510	14
	2	510	825	315	
	3	825	1133	308	
029	1	0	582	582	14
	2	582	1050	468	
	3	1050	1431	381	
	4	1431	1831	400	
039	1	0	288	288	
	2	288	560	272	
	3	560	828	268	
	4	828	1053	225	
063	1	316	445	129	14
	2	445	594	149	
	3	594	765	171	
	4	765	924	159	
082	1	0	149	149	13
	2	0	149	149	
	3	149	298	149	
	4	298	451	153	
100	1	0	39	39	12
	2	39	79	40	
	3	79	117	38	
124	1	0	133	133	14
	2	133	266	133	
	3	266	399	133	
125	1	0	185	185	13
	2	185	365	180	
	3	365	552	187	
	4	0	186	186	

HUC	Drainage	Date	Stream	Reach	Crew
Mad-Redwood	Elk	9/8-9/9/00.9/24/00	SFElk	127	Josh Boyce Mark F. Jessica Hair Tracy McCulloch Yarrow King

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
127	1	SP	1no	n	100	0	21	3	2.4	0.6	
127	2	OT		n	100	0	26	2.8	3.7	0.3	
127	3	RI	1yes	e	100	0	10	4.5	5.4	0.2	
127	4	DP		d	100	0	30	7.5	5	1.2	
127	5	RI	2no	n	100	0	22	4.7	3.6	0.3	
127	6	SP	2yes	d	100	0	35	4.5	2.6	0.3	
127	7	RI	3no	n	100	0	12	2.6	2.3	0.2	
127	8	OT		n	100	0	22	3	2.2	0.5	
127	9	SP	3no	n	100	0	6.8	2.3	2.1	0.4	
127	10	OT		n	100	0	5	2	1.3	0.3	
127	10.1	SP	4no	n	100	0	12	1.9	1.8	0.4	
127	11.1	RI	4no	n	100	0	10	1.1	1	0.1	
127	12.1	SP	5yes	d	100	0	19	0.9	3	0.4	
127	13.1	RI	5no	n	100	0	14	3	1.6	0.1	
127	14.1	OT		n	100	0	2.6	1.6	0.6	0.7	
127	15.1	RI	6no	n	100	0	18	0.7	1.8	0.2	
127	16.1	SP	6yes	d	100	0	6	2.6	3.9	0.5	
127	17.1	RI	7no	n	100	0	22	3.7	4.8	0.1	
127	18.1	DP		d	100	0	29	4.9	1.3	1.3	
127	19.1	RI	8no	n	100	0	10	1.3	2.8	0.1	
127	20.1	SP	7no	n	100	0	19	2.6	2.7	0.3	
127	21.1	RI	9no	n	100	0	71	2.7	3.3	0.3	
127	22.1	SP	8yes	d	100	0	9	3.3	1.5	0.3	
127	23.1	RI	10no	n	100	0	50	1.5	1.3	0.2	
127	24.1	SP	9yes	d	100	0	14	0.5	0.7	0.3	
127	25.1	RI	11no	n	100	0	18	1.1	0.5	0.1	
127	26.1	DP		d	100	0	27	0.6	2.8	1.3	
127	26.1	RI	12yes	e	100	0	21	4.5	0.5	0.3	
127	27	SP	10no	n	75	1	11	1	1.3	0.5	see data sheet for diagram
127	27.1	RI	13no	n	25	2	14	1	1.3	0.1	
127	28	DP		d	100	0	25	0.5	0.7	1.3	
127	29	SP	11yes	d	100	0	38	1	1.3	1	
127	30	SP	12yes	d	100	0	16	0.7	1.4	0.5	
127	31	RI	14no	n	100	0	19	1	1.8	0.1	
127	32	SP	13yes	d	100	0	32	1.8	1.5	0.9	
127	33	RI	15no	n	100	0	31	1.5	2.7	0.1	
127	34	DP		d	100	0	24	2.7	2.2	1.5	
127	35	RI	16no	n	100	0	38	2.3	3.1	0.2	
127	36	SP	14yes	d	100	0	20	3	3.2	0.7	
127	37	SP	15yes	d	100	0	16	3.2	3	0.5	
127	38	RI	17no	n	100	0	37	3	2.7	0.2	
127	39	SP	16yes	d	100	0	17	2.7	0.3	0.4	
127	40	RI	18no	n	100	0	18	3	1.5	0.2	
127	41	SP	17no	n	100	0	28	2.5	3	0.35	
127	42	SP	18yes	d	100	0	7	5	3	0.4	
127	43	SP	19yes	d	100	0	8	3.5	3	0.2	
127	44	OT		n	100	0	26	3	3.5	1.2	
127	45	RI	19no	n	100	0	7	2.5	3	0.2	
127	46	SP	20yes	d	100	0	7	2.5	2.5	0.3	
127	47	RI	20no	n	100	0	5	3	2.5	0.2	

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
127	48	SP	21yes	d	100	0	20	3	3	1	
127	49	SP	22yes	d	100	0	15	3.5	3	0.2	
127	50	SP	23yes	d	100	0	9	2	2.5	0.35	
127	51	RI	21no	n	100	0	12	3	2.5	0.3	
127	52	SP	24no	n	100	0	6	.	4	0.4	
127	53	SP	25no	n	100	0	7	1.5	3	0.3	
127	54	SP	26no	n	100	0	11	4	1.5	0.2	
127	55	SP	27yes	d	100	0	8	4	4	0.2	
127	56	RI	22no	n	100	0	21	5	3	0.2	
127	57	SP	28yes	d	100	0	22	6	5	0.7	
127	58	SP	29yes	d	100	0	18	2.5	3	1	
127	59	SP	30yes	d	100	0	12	2.5	2.5	0.5	
127	60	SP	31yes	d	100	0	9	2	3	0.25	
127	61	RI	23no	n	100	0	20	2	2	0.4	
127	62	RI	24yes	e	100	0	14	2	4	0.2	
127	63	SP	33yes	d	100	0	10	2	2	0.5	
127	64	RI	25no	n	100	0	5	4	2	0.2	
127	65	SP	34yes	d	100	0	11	2	4	0.6	
127	66	RI	26no	n	100	0	20	2	4	0.2	
127	67	SP	35no	n	100	0	9	1.5	2	0.1	
127	68	OT		n	100	0	17	1.5	5	1.2	
127	69	DP		d	100	0	16	3	1.5	1.2	
127	70	RI	27no	n	100	0	63	1	4	0.3	
127	71	RI	28no	n	100	0	40	3.5	2	0.3	
127	72	SP	36yes	d	100	0	15	4	3.5	0.3	
127	73	RI	29no	n	100	0	18	3	2	0.2	
127	74	OT		n	100	0	16	2	3	0.9	
127	75	SP	37	n	100	0	8	2.9	2	0.47	
127	76	SP	38	n	100	0	12.8	2.8	2.9	0.74	
127	77	RI	29	n	100	0	11.2	2.98	2.8	0.18	
127	78	OT		n	100	0	16.8	0.8	2.98	0.44	
127	79	RI	30	n	100	0	12	2.4	0.8	0.2	
127	80	OT		n	100	0	12.5	2.3	2.4	0.72	
127	81	RI	31	n	100	0	6.1	2.2	2.3	0.16	
127	82	RU	1	d	100	0	16.4	1.74	2.2	0.24	
127	83	SP	39	d	100	0	10.3	2.8	1.74	0.5	
127	84	RI	32	n	100	0	28.7	1.34	2.8	0.18	
127	85	SP	40	n	100	0	6.6	1.4	1.34	0.52	
127	86	OT		n	100	0	19.5	0.76	1.4	0.2	
127	87	SP	41	n	100	0	18.1	0.7	5.1	0.54	
127	88	DC		n	0	1	41.7	0	0	0	
127	89	SC		n	20	2	41.7	0.42	0.75	0.003	
127	90	OT		n	100	0	20.8	1.2	0.42	0.34	
127	91	RI	33	n	100	0	13.4	3.82	1.2	0.2	
127	92	SP	42	n	100	0	22	1.3	3.82	0.92	
127	93	OT		n	100	0	8	1.4	1.3	0.24	
127	94	RI	34	n	100	0	26.9	3.55	1.4	0.32	
127	96	SP	43	d	100	0	24.3	3.3	3.55	0.71	
127	97	RI	35	n	100	0	14.1	3.83	3.3	0.24	
127	98	SP	44	d	100	0	8.1	0.45	3.83	0.46	

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
127	99	SP	45	n	100	0	7.2	1.6	?	0.68	
127	100	RI	36	e	100	0	5.8	1.39	1.6	0.21	
127	101	SP	46	n	100	0	13.4	0.97	1.39	0.62	
127	102	RI	37	n	100	0	8.6	1.45	0.97	0.28	
127	103	RU	2	d	100	0	5.9	1.42	1.45	0.34	
127	104	RI	38	n	100	0	12.8	1.7	1.42	0.12	
127	105	SP	47	d	100	0	27.4	1.15	1.7	0.53	
127	106	RI	39	n	100	0	33.6	3.7	1.15	0.22	
127	107	DP	1	d	100	0	20.5	1.32	3.7	1.66	
127	108	RI	40	n	100	0	38.4	2.75	1.32	0.23	
127	109	SP	48	d	100	0	8.1	2.5	2.75	0.56	
127	110	RI	39	n	100	0	36.5	3.8	2.5	0.23	
127	111	SP	49	n	100	0	11.5	2.65	3.8	0.67	
127	112	RI	40	n	100	0	20.6	4.5	2.65	0.22	
127	113	SP	50	n	100	0	10.2	1.3	4.5	0.46	
127	114	RI	41	n	100	0	44.1	5	1.3	0.19	
127	115	SC		n	100	0	15.5	2.75	1.5	0.33	
127	116	SP	51	n	100	0	23.9	1.8	5	0.44	
127	117	RI	42	n	100	0	48.8	3.3	1.8	0.3	
127	118	SP	52	d	100	0	18.8	2.3	3.3	0.93	
127	119	RI	43	n	100	0	4.9	3.5	2.3	0.1	
127	120	SP	53	n	100	0	11.5	2.5	3.5	0.44	
127	121	DP	2	d	100	0	7.6	1.2	2.5	1.18	
127	122	RI	44	n	100	0	77.4	3.4	1.2	0.39	
127	123	SP	54	n	100	0	10.6	1.8	3.4	0.43	
127	124	RI	45	n	100	0	13	5	1.8	0.29	
127	125	SP	55	d	100	0	12.2	3.6	5	0.41	
127	126	RI	46	n	100	0	19.1	2.6	3.6	0.19	
127	127	SP	56	d	50	1	8.2	2.3	2.6	0.51	
127	128	RI	47	n	40	2	8.1	1.3	2.6	0.31	
127	129	SC		n	10	3	10.2	1	0.8	0.15	

HUC	Drainage	Stream	Reach	Divers	Date
M-R	Humboldt Bay	Salmon Creek	147	JB DRM	10/17/2000

Reech No.	Unit No.	Diver	Species	age	DIVE1	DURATION1	Vis	Phase2	Efsh	DIVE2	DURATION2	DIVE3	DURATION3	DIVE4	DURATION4	Comments
147	5 JB	CO	CO	0+	0		E 1Y		N	0		0		N/A		one 1+ trout
147	6 JB	CO	CO	0+	0		E 2N		N							No fish
147	8 JB	CO	CO	0+	0		E 3N		N							one 1+ trout
147	13 JB	CO	CO	0+	0		E 4Y		N	0				N/A		one 2+ trout. Vis poor 2nd dive
147	15 JB	CO	CO	0+	0		E 5N		N							one 1+ trout, one 0+ trout
147	17 JB	CO	CO	0+	0		E 6N		N							No fish
147	26 JB	CO	CO	0+	0		E 7N		N							No fish
147	28 JB	CO	CO	0+	0		E 8N		N							one 1+ trout, one 0+ trout
147	35 JB	CO	CO	0+	0		E 9Y		N	0		N/A		N/A		No fish
147	39 JB	CO	CO	0+	0		E 10N		N							three 1+ trout, one 0+trout
147	40 JB	CO	CO	0+	0		E 11Y		N	0		N/A		N/A		two 0+ trout, one 1+trout
147	42 JB	CO	CO	0+	0		E 12N		N							three 0+trout
147	44 JB	CO	CO	0+	0		E 1N		N							No fish
147	46 JB	CO	CO	0+	0		E 13Y		N	0		N/A		N/A		one 1+trout, one 0+ trout
147	48 JB	CO	CO	0+	0		E 2N		N							one 0+ trout
147	50 JB	CO	CO	0+	0		E 14N		N							No fish
147	52 JB	CO	CO	0+	0		E 15Y		N	0		N/A		N/A		one 2+ trout, four 0+ trout
147	54 JB	CO	CO	0+	0		E 16N		N							one 1+trout, seven 0+ trout
147	56 JB	CO	CO	0+	0		P 1DPY		N	0		N/A		N/A		one 0+ trout
147	64 JB	CO	CO	0+	0		E 2DPY		N	0		N/A		N/A		No fish
147	66 JB	CO	CO	0+	0		E 3DPY		N	0		N/A		N/A		No fish
147	76 JB	CO	CO	0+	0		E 17N		N							five 0+ trout
147	78 JB	CO	CO	0+	0		E 18N		N							EIGHT 10" cutthroat trout
147	83 JB	CO	CO	0+	0		G 4DPY		N	0		N/A		N/A		No fish
147	91 JB	CO	CO	0+	0		G 3N		N							No fish
147	93 JB	CO	CO	0+	0		G 19Y		N	0		N/A		N/A		No fish
147	94 JB	CO	CO	0+	0		G 20Y		N	0		N/A		N/A		bridge pool, two 0+ trout
147	96 JB	CO	CO	0+	0		G 4Y		N	N/A		N/A		N/A		one 1+ trout, one 0+ trout, unit 96 vis dropped to Z after dive # one. No additional dives

HUC Mad-Redwood
Drainage HUMBOLDT BAY
Stream SALMON CREEK
Reach No. 127
Crew Josh Boyce
DRM

Date 10/19-10/17/00

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Ckcode	length	top.w.	bot.w.	max.d.	comments
147	1	RI	1	N	100	0	10.1	2.5	4.2	0.19	trib is flowing and glogged w/large wood/large cobble and boulders in creek.
147	2	SP	1	N	100	0	12.7	2.4	2.5	0.9	down alders in channel above 1st unit.
147	3	SP	2	N	100	0	10.5	1.4	2.4	0.42	
147	4	RI	2	N	100	0	14.6	2.3	1.4	0.22	
147	5	SP	3	D	100	0	11.4	2	2.3	0.43	
147	6	SP	4	D	100	0	7.9	2.1	2	0.5	
147	7	RI	3	N	100	0	14	2.3	2.1	0.25	
147	8	SP	5	D	100	0	7.3	1.5	2.3	0.4	
147	9	RI	4	N	100	0	14.6	2.2	1.5	0.22	
147	10	SP	6	N	100	0	6.4	1.2	2.2	0.4	
147	11	RI	5	N	100	0	10.5	7.2	1.2	0.2	
147	12	OT	7	N	100	0	22.9	2.8	7.2	0.8	small logs down in channel, would be a SP otherwise, impossible to e-fish.
147	13	SP	7	D	100	0	8.8	2.9	2.8	0.5	
147	14	RI	6	E	100	0	10.5	3	2.9	0.15	
147	15	SP	8	D	100	0	11.3	2.5	3	0.7	
147	16	RI	7	N	100	0	10.1	2.3	2.5	0.2	alders down in channel
147	17	SP	9	D	100	0	8.3	2	2.3	0.35	
147	18	RI	8	N	100	0	15.5	2.8	2	0.2	
147	19	SP	10	N	100	0	5.3	2.4	2.8	0.41	
147	20	OT	9	N	100	0	36.6	5	2.4	0.4	major log jam. Creek goes subterranean, resurfaces in more sparce.
147	21	RI	9	N	100	0	45.5	1.9	5	0.3	log jame-whole down.
147	22	RU	1	N	100	0	7.4	1.7	1.9	0.25	alders and large redwood stump.
147	23	RI	10	N	100	0	20.3	2.3	1.7	0.25	RI is crossed by layers of down logs high enough to go under.
147	24	SP	11	N	100	0	11.3	2.3	2.3	0.51	
147	25	RI	11	N	100	0	11.7	1.3	2.3	0.3	
147	26	SP	12	D	100	0	6.3	0.3	1.3	0.42	
147	27	RI	12	N	100	0	38.1	2.2	0.3	0.3	RI has deep pockets and very large boulders.
147	28	SP	13	D	100	0	9.1	1.2	2.2	0.6	large logs cross channel
147	29	RI	13	N	100	0	20.2	2.4	1.2	0.3	
147	30	SP	14	N	100	0	8	2	2.4	0.7	
147	31	DC	14	N	N/A	0	18	1.9	2	0.7	SP created by large pieces of wood in channel.
147	32	RI	14	N	100	0	40.5	3.3	1.9	0.35	channel goes subsurface st top of SP. Large wood
147	33	SP		N	100	0	12	2.4	3.3	0.85	jam covers right bank then whole channel pocket pool under beginning of jam after stretch of DC
147	34	RI		N	100	0	31.6	1.3	2.4	0.3	
147	35	SP		D	100	0	5	1.5	1.3	0.5	
147	36	RI		N	100	0	10.3	2.7	1.5	0.15	

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
147	37	SP	17 N	100 0	14.6	3.1	2.7	0.6			
147	38	RI	18 E	100 0	12.2	2.7	3.1	0.22			
147	39	SP	18 D	100 0	10.5	2	2.7	0.48			
147	40	SP	19 D	100 0	8.8	1	2	0.55			large logs cross channel high up in the cannop
147	41	RI	19 N	100 0	13.2	2.2	1	0.2			gradient increases ____ boulder size
147	42	SP	20 D	100 0	10.1	1.9	2.2	0.95			rocks
147	43	OT	N	100 0	19.5	1.9	1.9	1.05			large debris jam with root wads
147	44	RU	2 D	100 0	10.2	1	1.9	0.32			
147	45	RI	20 N	100 0	10.1	2.4	1.6	0.08			
147	46	SP	21 D	100 0	15	2.1	2.4	0.72			large logs cross SP, pocket pool to right bank
147	47	RI	21 N	100 0	10.7	2.3	2.1	0.3			
147	48	RU	3 D	100 0	14.8	3.6	2.3	0.4			
147	49	RI	22 N	100 0	9.5	4	3.6	0.22			
147	50	SP	22 D	100 0	14.4	3.4	4	0.7			large down trees in channel
147	51	RI	23 N	100 0	26.8	3.7	3.4	0.38			
147	52	SP	23 D	100 0	10.2	3	3.7	0.52			
147	53	OT	N	100 0	23.6	1.4	3	0.3			large debris in channel. RI parts DC parts, predominantly OT.
147	54	SP	24 D	100 0	5.8	2.5	1.4	0.7			SP underwood
147	55	RI	24 N	100 0	17.3	2.2	2.5	0.2			
147	56	DP	1 D	100 0	9.1	N/A	2.2	1.1			
147	57	OT	N	100 0	52.5	1.6	2.2	N/A			creek clogged with debris. Last 44m of OT is DT.
147	58	RI	25 N	100 0	16.1	2.4	1.6	0.3			
147	59	SP	25 N	100 0	7	1	2.4	0.45			
147	60	SP	26 N	100 0	7.7	0.7	1	0.42			
147	61	RI	26 N	100 0	46.8	2.1	0.7	0.23			
147	62	SP	27 N	100 0	5.5	0.8	2.1	0.5			
147	63	OT	N	100 0	15.2	1.3	0.8	0			large logs covering creek
147	64	DP	2 D	100 0	11.6	1.4	1.3	1.3			wood barrier creating plunge pool
147	65	RI	27 N	100 0	26.4	3.3	1.4	0.15			
147	66	DP	3 D	100 0	14.9	2.7	3.3	1.15			
147	67	RI	28 N	100 0	11.1	2.5	2.7	0.25			
147	68	RI	29 N	70 1	6.8	1.3	2.5	0.1			
147	69	RI	30 E	30 2	11.3	1.2	2.5	0.2			
147	70	SP	28 N	30 2	5	4	1.2	0.8			
147	71	OT	N	100 0	54.5	1	4	N/A			water was hidden.
147	72	RI	31 N	100 0	44.3	4.3	1	0.4			

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
147	73	OT		N	100	0	10.4	2.3	4.3	0.65	log in channel.
147	74	RU		4 N	100	0	7.7	1.9	2.3	0.3	
147	75	RI		32 N	100	0	51.5	2.1	1.9	0.4	
147	76	SP		29 D	100	0	7.7	2.5	2.1	0.5	
147	77	RI		33 N	100	0	15.2	3	2.5	0.2	
147	78	SP		D	100	0	9.3	1.6	3	0.55	SP 30 is two adjoining SP's
147	79	RI		N	100	0	14.9	2	1.6	0.35	
147	80	DC			0		9.2	0	0	N/A	
147	81	RI		N	100	0	56.2	2.2	2.4	0.45	large boulders and shaltered(?) logs
147	82	OT		N	100	0	57.6	1.2	2.2	N/A	large boulders and gradient increases
147	83	DP		D	100	0	14.2	1.6	1.2	1.1	debris torrent looking log jam.
147	84	RI		N	100	0	28.5	3.8	1.6	0.3	
147	85	OT		N	100	0	17.1	2.2	3.8	1.1	
147	86	RU		N	100	0	15.6	1.3	2.2	0.25	
147	87	OT		N	100	0	16.9	1.5	1.3	0.35	
147	88	SP		N	100	0	10.9	2	1.5	0.5	
147	89	RI		N	100	0	11.5	3.3	2	0.15	
147	90	OT		N	100	0	12.1	1.5	3.3	0.55	
147	91	RU		D	100	0	18.4	2.4	1.5	0.35	
147	92	RI		N	100	0	9.9	4.1	2.4	0.05	
147	93	SP		D	100	0	23.7	2.5	4.1	1	
147	94	SP		D	100	0	12.6	2	2.5	0.5	
147	95	RI		N	100	0	28	2.3	2	0.2	
147	96	RU		D	100	0	8.6	1.4	2.3	0.35	
147	97	OT		N	100	0	4.1	1	1.4	0.35	
147	98	RI		N	100	0	11.1	2.4	1	0.15	
147	99	OT		N	100	0	7.1	1.8	2.4	0.8	
147	99.1	OT		N	100	0	12.3	1.2	1.8	0.8	
147	100	RI		N	100	0	6.5	1.9	1.2	0.08	

HUC	Drainage	Stream	Date	Recorder	Efisher	Netters	AdditionalCrew
Mad-Redwood	Maple Creek	Maple Creek,33	9/27/2000	RWA	DBP	RBF,RWA	

REACHNO.	UNITNO.	EPASSNO.	SPECCODE	AGECLASS	LIVECOUNT	MORTCOUNT	FISHCOUNT	COMMENTS
33	13.2	1	SH	0+	115	0	115	no comment
33	13.2	1	SH	1+	1	0	1	no comment
33	13.2	1	sculpin		10	0	10	no comment
33	36	1	SH	0+	64	0	64	13 sculpin
33	68	1	CT	1+	1	0	1	2 sculpin
33	68	1	SH	1+	1	0	1	no comment
33	68	1	SH	0+	22	0	22	no comment

Unit No.	Pass	start	stop	duration	watertemp
13.2	1			702	
36	1			833	
68	1			523	

HUC	Drainage	Stream	Reach	Divers	Date
Mad-Redwood	Maple Creek	Maple Creek	33	DBP,RBF,RWA	9/26/2000

Reach.No.	Unit.No.	Diver	Species	age	DIVE1	DURATION1	Vis	Phase2	Efish	DIVE2	DURATION2	DIVE3	DURATION3	DIVE4	DURATION4	Comments
33	6	DBP	SH	1+	3	4 G	1no	n								no comment
33	6	DBP	CT	1+	1	4 G	1no	n								
33	8	RBF	SH	1+	4	2 G	1no	n								
33	1	RVA	SH	1+	15	5 G	1yes	n		17		17	5	17		5
33	12	RBF	CO	0+	8	8 G	2yes	n		7	8	7	8	8		8
33	12	RBF	CH	0+	1	8 G	2yes	n		1	8	1	8	1		8
33	12	RBF	SH	1+	9	8 G	2yes	n		8	8	7	8	9		8
33	12	RBF	CT	1+	2	8 G	2yes	n		2	8	2	8	2		8
33	14	RVA	SH	1+	1	2 G	2yes	n		1	2	1	2	1		2
33	22	DBP	CO	0+	0	8 G	3yes	n		1	8	1	8	3		8
33	22	DBP	SH	1+	10	8 G	3yes	n		15	8	14	8	12		8
33	22	DBP	CT	1+	1	8 G	3yes	n		1	8	1	8	1		8
33	23	RBF	CO	0+	2	2 G	3no	n								
33	23	RBF	SH	1+	15	2 G	3no	n								
33	23	RBF	CT	1+	1	2 G	3no	n								
33	27	RBF	CO	0+	9	15 G	4yes	n		10	15	15	15	16		15
33	27	RBF	SH	1+	13	15 G	4yes	n		17	15	17	15	16		15
33	27	RBF	CT	1+	3	15 G	4yes	n		3	15	5	15	5		15
33	37	DBP	SH	1+	5	5 G	4no	n								
33	41	DBP	CO	0+	1	7 G	5yes	n		3	7	5	7	5		7
33	41	DBP	SH	1+	7	7 G	5yes	n		7	7	7	7	9		7
33	41	DBP	CT	1+	1	7 G	5yes	n		0	7	1	7	1		7
33	46	RBF	CO	0+	6	5 G	6yes	n		7	5	7	5	8		5
33	46	RBF	SH	1+	13	5 G	6yes	n		17	5	17	5	16		3
33	46	RBF	CT	1+	3	5 G	6yes	n		3	5	5	5	5		5
33	50	RVA	CO	0+	17	10 G	7yes	n		11	10	16	10	10		10
33	50	RVA	SH	1+	15	10 G	7yes	n		13	10	18	10	13		10
33	52	DBP	SH	1+	2	4 G	5no	n								
33	52	DBP	CT	1+	1	4 G	5no	n								
33	53	DBP	SH	1+	8	5 G	6yes	n		9	5	9	5	11		5
33	53	DBP	CT	1+	1	5 G	6yes	n		0	5	0	5	0		5
33	57	RBF	CO	0+	10	8 G	8yes	n		12	8	14	8	13		8
33	57	RBF	SH	1+	11	8 G	8yes	n		9	8	10	8	10		8
33	57	RBF	CT	1+	7	8 G	8yes	n		8	8	6	8	6		8
33	62	DBP	SH	1+	19	8 G	8yes	n		16	8	21	8	22		8
33	63	RVA	CO	0+	17	5 G	2no	n								
33	65	DBP	SH	1+	2	4 G	7no	n								
33	67	RBF	SH	1+	5	10 G	3no	n								

Reach.No.	Unit.No.	Diver	Species	age	DIVE1	DURATION1	Vis	Phase2	Efish	DIVE2	DURATION2	DIVE3	DURATION3	DIVE4	DURATION4	Comments
33	69	RWA	SH	1+	4	3	G	4yes	n	4	3	4	3	4	3	
33	71	RBF	SH	1+	14	6	G	8yes	n	16	6	15	6	13	6	
33	71	RBF	CT	1+	1	6	G	8yes	n	1	6	1	6	1	6	
33	73	DBP	CO	0+	3	12	G	8yes	n	2	12	3	12	2	12	
33	73	DBP	SH	1+	15	12	G	8yes	n	12	12	13	12	10	12	
33	73	DBP	CT	1+	3	12	G	8yes	n	1	12	2	12	2	12	
33	79	RWA	SH	1+	5	2	G	6no	n							
33	84	RBF	SH	1+	6	3	G	9no	n							
33	78	RWA	SH	1+	10	2	G	Y	N	10	2	8	2	9	2	
33	78	RWA	CT	1+		2	G	Y	N	2	2	1	2	1	2	

HUC	Drainage	Stream	Reach	Divers	Date
Mad-Redwood	Maple Creek	Maple Creek (low1)	28 RBF		9/27/2000
			RWA		
			DBP		

Reach No.	Unit No.	Diver	Species	age	DIVE1	DURATION1	Vis	Phase2	Efish	DIVE2	DURATION2	DIVE3	DURATION3	DIVE4	DURATION4	Comments
28	1 DBP	SH	1+	31		P			N	3		3		3		Visibility poor on multiple passes due to algae. Difficult access
28	2 RBF	SH	1+	3						3		3		3		
28	8 RWA	SH	1+	2						3		3		3		
28	12 DBP	SH	1+	4												
28	15 RWA	SH	1+	13						23		16		17		
28	16 RWA	SH	1+	13						14		12		13		
28	20 DBP	SH	1+	28						31		35		31		
28	20 DBP	CT	1+	2						1		1		0		
28	22 RBF	CO	0+	6						5		5		4		
28	22 RBF	SH	1+	28						24		25		27		
28	22 RBF	CT	1+	14						13		14		11		
28	24 RWA			0												No Fish
28	26 RWA	CO	0+	4						0		2		0		
28	26 RWA	CH	0+	0						1		0		0		
28	26 RWA	SH	1+	35						25		20		33		
28	26 RWA	CT	1+	8						5		6		6		
28	28 RBF	CO	0+	4												
28	28 RBF	SH	1+	53												
28	28 RBF	CT	1+	9												
28	31 DBP/RBF	CO	0+	4						5		6		6		
28	31 DBP/RBF	SH	1+	24						25		22		22		
28	31 DBP/RBF	CT	1+	4						4		2		3		
28	30 DPB	SH	1+	7		P			N							

HUC	Drainage	Date	Stream	Reach	Crew
Mad-Redwood	Maple Creek	9/27/2000	Maple Creek (low)	28	RBF RWA DBP

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	CumDm	top.w.	bot.w.	max.d.	comments
28	1 SP		1 D		100	0	42.07	42.07	6.71	7.01	0.46	Begin survey above log jam at flag. Very silty, reach full of algae. Reach shortened at bottom. No e-fishing: no units w/>20 coho
28	2 RU		1 D		90	1	12.50	54.57	4.88	6.71	0.21	
28	3 OT				100	0	70.12	124.70	3.05	6.10	1.07	
28	4 OT				100	0	33.23	157.93	5.49	3.05	1.01	
28	5 RI		1 N		50	1	8.84	166.77	1.83	3.05	0.09	
28	6 RI		2 N		50	2	8.23	166.16	2.44	2.44	0.12	
28	7 SP		2 N		100	0	24.39	191.16	6.40	4.27	0.76	
28	8 SP		3 D		100	0	25.91	217.07	3.66	6.40	0.55	
28	9 RI		3 N		100	0	23.17	240.24	4.57	3.66	0.18	
28	10 OT		N		100	0	41.46	281.71	3.66	4.57	1.22	DP W/LWD
28	11 OT				100	0	31.40	313.11	3.66	3.66	0.49	Tree in ch. Fish can swim under. Divers can't.
28	12 RU		2 D		100	0	11.28	324.39	2.44	3.66	0.27	
28	13 OT				100	0	60.37	384.76	12.80	2.44	0.76	
28	14 SP		4 N		100	0	51.52	436.28	3.66	12.80	0.79	
28	15 DP		D		100	0	16.16	452.44	5.18	3.66	1.10	water flowing through willows
28	16 RU		3 D		100	0	17.07	469.51	1.83	5.18	0.30	
28	17 RI		5		95	1	14.02	483.54	1.83	1.83	0.37	
28	18 RI		4		5	2	5.49	475.00	3.66	1.52	0.03	
28	19 SP		5 N		100	0	61.28	544.82	4.57	5.49	0.46	
28	20 SP		6 D		100	0	88.11	632.93	9.15	4.57	0.61	
28	21 RI		6		100	0	14.02	646.95	8.54	9.15	0.37	
28	22 DP		D		100	0	84.76	731.71	9.15	8.54	1.19	
28	23 RU		4 N		60	1	30.49	762.20	3.66	3.05	0.27	
28	24 RU		5 D		40	2	14.94	746.65	2.44	7.62	0.21	
28	25 RU		6 N		40	2	15.24	761.89	2.44	2.44	0.21	
28	26 SP		7 D		100	0	210.37	972.56	6.10	2.44	0.76	VERY LONG! NO BREAKS
28	27 RI		7 N		100	0	14.02	986.59	6.10	6.10	0.18	
28	28 SP		8 D		100	0	114.33	1100.91	6.10	6.10	0.85	
28	29 RI		8 N		100	0	12.50	1113.41	4.57	6.10	0.24	
28	30 SP		9 D		100	0	17.68	1131.10	4.57	4.57		
28	31 DP		D		100	0	94.51	1225.61	6.10	4.57	1.37	Bottom flag says SP

HUC	Drainage Stream	Reach	Divers	Date	water/air temp
Mad-Redwood	Elk River Mcwhinney	137	Mark Freitas	9/18/2000	13/18 9:45am

Reach.No.	Unit.No.	Diver	Species	age	DIVE1	DURATION1	Vis	Phase2	Efish	DIVE2	DURATION2	DIVE3	DURATION3	DIVE4	DURATION4	Comments
137	7	M.F.	CO	O+	0	290	p	0	n	0	230	0	210	0	200	none
137	17	M.F.	CO	O+	0	170	p	0	n							

HUC Drainage Date Stream Reach Crew
Mad-Redwood Elk River 9/15/2000 McWhinney 137 M.Freitas
P.Brown

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	CumD.m	top.w.	bot.w.	max.d.	comments
137	137	1 OT			100	0	5.792682927	5.792682927	0.914634146	0.914634146	0.487804878	none
137	137	2 DC			100	0	5.182926829	10.97560976	0	0	0	none
137	137	3 OT			100	0	2.134146341	13.1097561	0.914634146	0.609756098	0.12195122	none
137	137	4 DC			100	0	3.353658537	16.46341463	0	0	0	none
137	137	5 OT			100	0	5.792682927	22.25609756	0.762195122	0.914634146	0.335365854	none
137	137	6 DC			100	0	7.012195122	29.26829268	0	0	0	none
137	137	7 SP	p1		100	0	6.707317073	35.97560976	1.219512195	1.219512195	0.731707317	none
137	137	8 DC		d	100	0	12.19512195	48.17073171	0	0	0	none
137	137	9 OT			100	0	6.097560976	54.26829268	0.457317073	2.134146341	0.762195122	none
137	137	10 DC			100	0	26.82926829	81.09756098	0	0	0	none
137	137	11 SP	p2		100	0	6.402439024	87.5	1.067073171	1.524390244	0.487804878	none
137	137	12 DC		n	100	0	3.048780488	90.54878049	0	0	0	none
137	137	13 OT			100	0	3.353658537	93.90243902	1.067073171	0.914634146	0.091463415	none
137	137	14 DC			100	0	8.231707317	102.1341463	0	0	0	none
137	137	15 OT			100	0	3.963414634	106.097561	0.914634146	0.914634146	0.182926829	none
137	137	16 DC			100	0	5.182926829	111.2804878	0	0	0	none
137	137	17 SP	p3		100	0	5.182926829	116.4634146	0.914634146	1.067073171	0.213414634	none
137	137	18 OT		d	100	0	10.67073171	127.1341463	6.097560976	1.067073171	1.067073171	none
137	137	19 DC			100	0	25.91463415	153.0487805	0	0	0	none
137	137	20 OT			100	0	2.896341463	155.945122	0.762195122	0.609756098	0.243902439	none
137	137	21 DC			100	0	5.182926829	161.1280488	0	0	0	none
137	137	22 OT			100	0	5.487804878	166.6158537	2.43902439	1.219512195	0.914634146	none
137	137	23 DC			100	0	14.93902439	181.554878	0	0	0	none
137	137	24 OT			100	0	4.87804878	186.4329268	1.067073171	0.914634146	0.274390244	none
137	137	25 OT			100	0	12.80487805	199.2378049	1.37195122	2.43902439	1.219512195	none
137	137	26 DC			100	0	3.049	202.287	0.000	0.000	0.000	none
137	137	27 OT			100	0	7.622	209.909	0.762	0.610	0.457	none
137	137	28 OT			100	0	7.317	217.226	1.677	0.000	0.549	none
137	137	29 DC			100	0	3.049	220.274	0.000	0.000	0.000	none
137	137	30 SP	p4		100	0	5.183	225.457	0.915	1.067	0.488	none
137	137	31 DC		n	100	0	3.049	228.506	0.000	0.000	0.000	none
137	137	32 OT			100	0	7.317	235.823	2.744	1.220	0.915	none
137	137	33 DC			100	0	6.098	241.921	0.000	0.000	0.000	none
137	137	34 OT			100	0	24.390	266.311	2.439	0.915	0.915	none
137	137	35 DC			100	0	21.341	287.652	0.000	0.000	0.000	none
137	137	36 SP	p5		100	0	3.659	291.311	0.457	0.305	0.274	none

Reach.No	Unit.No	Hab.Code	phases	fish?	flow	Chcode	length	CumD.m	top.w.	bot.w.	max.d.	comments
137	37	OT			100	0	6.707	298.018	1.524	1.067	0.610	none
137	38	OT			100	0	8.841	306.860	2.134	0.915	0.366	none
137	39	DC			100	0	15.244	322.104	0.000	0.000	0.000	none
137	40	OT			100	0	18.293	340.396	0.610	0.610	0.244	none
137	41	DC			100	0	7.927	348.323	0.000	0.000	0.000	none
137	42	OT			100	0	2.134	350.457	0.915	1.067	0.213	none
137	43	DC			100	0	54.878	405.335	0.000	0.000	0.000	none
137	44	OT			100	0	6.707	412.043	2.744	0.610	0.457	none
137	45	SP	p6	d	100	0	3.659	415.701	1.372	0.762	0.244	none
137	46	DC			100	0	3.963	419.665	0.000	0.000	0.000	none
137	47	SP	p7	n	100	0	8.232	427.896	0.915	1.829	0.854	none
137	48	DC			100	0	4.573	432.470	0.000	0.000	0.000	none
137	49	OT			100	0	3.049	435.518	0.610	0.762	0.244	none
137	50	DC			100	0	4.573	440.091	0.000	0.000	0.000	none
137	51	OT			100	0	7.622	447.713	0.915	1.067	0.915	none
137	52	DC			100	0	60.976	508.689	0.000	0.000	0.000	none
137	53	DP	p8	d	100	0	15.854	524.543	1.067	0.762	1.006	none
137	54	SP	p9	n	100	0	11.585	536.128	0.762	1.067	0.915	none
137	55	OT			100	0	10.061	546.189	2.439	0.457	0.366	none
137	56	DC			100	0	41.159	587.348	0.000	0.000	0.000	none
137	57	OT			100	0	4.268	591.616	0.610	0.610	0.152	none
137	58	DC			100	0	12.195	603.811	0.000	0.000	0.000	none
137	59	OT			100	0	10.061	613.872	0.915	1.220	0.335	none
137	60	DC			100	0	18.293	632.165	0.000	0.000	0.000	none
137	61	OT			100	0	22.866	655.030	1.372	1.524	0.610	none
137	62	DC			100	0	12.195	667.226	0.000	0.000	0.000	none
137	63	OT			100	0	3.659	670.884	0.457	1.067	0.244	none
137	64	SP	p10	n	100	0	4.573	675.457	1.524	0.762	0.335	none
137	65	SP	p11	d	100	0	8.537	683.994	1.372	1.067	0.793	none
137	66	DC			100	0	10.671	694.665	0.000	0.000	0.000	none
137	67	OT			100	0	6.707	701.372	1.220	0.762	0.457	none
137	68	OT			100	0	4.878	706.250	1.982	0.762	0.549	none
137	69	DC			100	0	28.963	735.213	0.000	0.000	0.000	none
137	70	OT			100	0	5.183	740.396	1.372	0.915	0.213	none
137	71	DC			100	0	12.195	752.591	0.000	0.000	0.000	none
137	72	OT			100	0	5.488	758.079	1.220	0.915	0.213	none

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	CumD.m	top.w.	bot.w.	max.d.	comments
137		73 DC			100	0	12.805	770.884	0.000	0.000	0.000	none
137		74 SP	p12	d	100	0	10.671	781.555	1.372	0.427	0.427	none
137		75 OT			100	0	3.659	785.213	1.067	0.213	0.213	none
137		76 DC			100	0	57.927	843.140	0.000	0.000	0.000	none
137		77 OT			100	0	3.049	846.189	0.915	0.915	0.213	none
137		78 DC			100	0	36.585	882.774	0.000	0.000	0.000	none
137		79 OT			100	0	6.098	888.872	2.591	1.220	0.701	none
137		80 DC			100	0	19.817	908.689	0.000	0.000	0.000	none
137		81 OT			100	0	7.622	916.311	0.915	0.457	0.183	none
137		82 OT			100	0	10.671	926.982	1.372	0.457	0.274	none
137		83 OT			100	0	9.756	936.738	1.829	0.762	0.549	none
137		84 DC			100	0	91.463	1028.201	0.000	0.000	0.000	none
137		85 OT			100	0	9.146	1037.348	2.439	1.524	0.488	none
137		86 DC			100	0	16.768	1054.116	0.000	0.000	0.000	none
137		87 OT			100	0	18.293	1072.409	1.067	0.915	0.244	none
137		88 DC			100	0	12.195	1084.604	0.000	0.000	0.000	none
137		89 OT			100	0	19.817	1104.421	1.220	0.610	0.244	none
137		90 OT			100	0	24.390	1128.811	1.220	1.067	0.274	none

HUC Drainage Stream Reach Divers Date
Mad-Redwood Mad River NF Mad 73 MDB 8/25/2000
RBF
RWA

Reach. No.	Unit. No.	Diver	Species	age	DIVE1	DURATION1	Vis	Phase2	Efish	DIVE2	DURATION2	DIVE3	DURATION3	DIVE4	DURATION4	Comments
73	1	MDR, RWA	SH	1+	5		G	1.Y	N	7		11		15		
73	9	RBF	SH	1+	0		G	2.Y	N	0		0		1		*see end for 8-0
73	13	RBF	ALL		0		G	1.N	N							No Fish
73	18	RBF	SH	1+	2		G	2.N	N							
73	19	MDR, RWA	SH	1+	1		G	3.Y	N	0		1		0		
73	24	RWA	ALL		0		G	4.Y	N	0		0		0		No Fish
73	26	RWA	ALL		0		G	5.Y	N	0		0		0		No Fish
73	27	RWA	SH	1+	1		G	6.Y	N	1		0		1		
73	30	RBF	SH	1+	10		G	7.Y	N	11		12		14		
73	32	RWA	ALL		0		G	3.N	N							
73	33	RWA	SH	1+	1		G	8.Y	N	0		1		1		
73	35	RBF	SH	1+	12		G	4.N	N							
73	41	RWA	ALL		0		G	5.N	N							
73	45	RWA	SH	1+	5		G	6.N	N							
73	47	MDR	SH	1+	2		G	7.N	N							
73	49	MDR	SH	1+	1		G	8.N	N							
73	50	RWA	SH	1+	3		G	9.N	N							
73	51	RBF	SH	1+	8		G	9.Y	N	8		7		9		
73	52	MDR	ALL		0		G	10.N	N							No Fish
73	54	MDR	ALL		0		G	11.N	N							No Fish
73	55	RBF	SH	1+	6		G	12.N	N							
73	60	RBF	SH	1+	17		G	10.Y	N	21		20		23		
73	61	RWA	SH	1+	11		G	11.Y	N	13		14		15		
73	62	MDR	SH	1+	11		G	13.N	N							
73	63	MDR	SH	1+	18		G	12.Y	N	16		17		18		
73	67	RWA	SH	1+	14		G	14.N	N							
73	69	MDR	SH	1+	16		G	13.Y	N	19		21		22		
73	70	RBF	SH	1+	14		G	14.Y	N	17		17		19		
73	8	RBF, MDR, RWA	SH	1+	25		G	15.Y	N	7		9		20		

HUC	Drainage	Stream	Date	Recorder	Efisher	Netters	AdditionalCrew
Mad-Redwood	Mad River	NF Mad	8/17/2000	RWA	MDB	RBF	
				RBF	RBF	RWA	
				MDB		MDB	

REACHNO.	UNITNO.	EPASSNO.	SPECCODE	AGECLASS	LIVECOUNT	MORTCOUNT	FISHCOUNT	COMMENTS
73	14	1	1 SH	1+	1		0	1,2,3 4 Dicamp.
73	14	1	1 SH	0+	56		2	1,2,3 35 Sculptins
73	14	2	2 SH	1+	2		0	1,2,3 2 Lamprey
73	14	2	2 SH	0+	24		0	1,2,3 4 Sticklebacks
73	14	3	3 SH	1+	1		0	
73	14	3	3 SH	0+	12		0	
73	42-1	1	1 SH	0+	20		0	

UnitNo.	Pass	start	stop	duration	watertemp
14	1			1333	N/A
14	2			1279	
14	3			1192	
42-1	1			591	N/A

HUC	Drainage	Date	Stream	Reach	Crew
Mad-Redwood	Mad River	8/15/2000	NF Mad River	73	RBF
					MDB
					RWA

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
73	1 DP		Y		90	1	211.89	2.44	3.96	1.40	two divers needed
73	2 RI		N		10	2	27.44	3.96	1.22	0.15	unit extends beyond confluence w/ Hatchery Creek
73	3 RI		N		100	0	12.80	5.79	2.44	0.21	
73	4 DP		N		100	0	68.90	4.57	5.79	1.07	
73	5 RI		N		N/A	1	56.71	15.55	22.87	0.27	
73	6 SP		N		N/A	2	13.41	1.52	3.96	0.30	
73	7 RI		N		N/A	2	28.66	4.88	1.52	0.18	
73	8 DP		D		100	0	193.90	10.67	20.43	2.44	@ DRAFTING HOLE, 2 DIVERS NEEDED
73	9 SP		D		100	0	78.96	4.88	10.67	0.79	
73	10 RI		N		100	0	26.83	5.79	4.88	0.24	
73	11 SP		N		100	0	123.78	6.10	5.79	0.79	
73	12 RI		N		100	0	20.43	9.15	6.10	0.21	@ Camp Bauer baseball diamond
73	13 SP		Y		100	0	77.44	5.49	9.15	0.85	
73	14 RI		E		100	0	22.26	5.79	5.49	0.34	
73	15 SP		N		100	0	23.78	6.71	5.79	0.95	
73	16 DP		N		100	0	38.72	7.62	6.71	1.16	
73	17 RI		N		100	0	38.41	4.88	7.62	0.34	
73	18 RU		D		100	0	26.22	4.57	4.88	0.30	@ camp Bauer access
73	19 DP		Y		100	0	101.52	6.40	4.57	1.19	RB trib
73	20 RI		N		100	0	45.12	5.49	6.40	0.64	
73	21 RU		N		100	0	10.67	4.27	5.49	0.52	
73	22 DP		N		100	0	82.62	5.18	4.27	1.52	
73	23 RI		N		100	0	14.33	15.24	5.18	0.24	
73	24 SP		D		100	0	34.15	7.62	15.24	0.46	
73	25 RI		N		100	0	29.27	9.15	7.62	0.30	
73	26 SP		D		100	0	81.10	3.05	9.15	0.98	
73	27 RU		D		100	0	6.40	3.96	3.05	0.46	
73	28 RI		N		100	0	12.50	4.57	3.96	0.37	
73	29 RU		N		100	0	30.18	5.18	4.57	0.67	
73	30 DP		D		N/A	2	6.71	1.22	0.91	1.04	
73	31 SP		N		N/A	1	13.72	3.05	9.15	0.76	
73	32 SP		D		100	0	11.89	2.44	3.05	0.67	
73	33 DP		D		100	0	47.26	1.22	2.44	1.71	
73	34 DP		N		100	0	97.26	1.83	1.22	1.16	
73	35 RU		D		100	0	14.33	3.66	1.83	0.73	
73	36 RI		N		100	0	16.46	5.18	3.66	0.34	

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
73	37 RU			N	100	0	23.78	10.67	5.18	0.61	LB FORK LOOKING DOWNSTREAM
73	44 OT			N	40	2	8.54	1.22	2.74	0.91	
73	45 SP			D	40	2	18.60	4.57	1.22	0.98	
73	46 RI			N	40	2	28.35	3.05	1.22	0.37	
73	47 SP			D	40	2	14.94	3.96	3.05	0.55	
73	48 RI			N	40	2	14.63	4.57	3.96	0.18	
73	49 SP			D	40	2	25.91	3.66	1.83	0.43	
73	50 RU			D	40	2	8.54	2.44	3.66	0.34	
73	51 SP			D	40	2	7.93	3.35	2.44	0.52	
73	52 RU			D	40	2	10.37	2.74	3.35	0.40	
73	53 RI			N	40	2	15.55	2.44	2.74	0.61	Cascades
73	38 RI			N	60	1	7.32	1.52	3.35	0.40	
73	39 RU			N	60	1	5.49	1.83	1.52	0.61	
73	40 RI			N	60	1	33.54	2.74	1.83	0.46	
73	41 RU			D	60	1	7.62	2.74	2.74	0.43	
73	42 RI			E	60	1	17.38	3.66	2.74	0.37	
73	43 RU			N	60	1	12.80	2.13	8.84	0.39	
73	54 RU			D	100	0	26.52	3.05	2.13	0.64	
73	55 SP			D	100	0	13.11	3.05	3.05	0.64	
73	56 DP			N	100	0	15.85	1.22	3.05	1.16	
73	57 SP			N	100	0	16.16	2.13	6.10	0.91	Cascades
73	58 SP			N	100	0	10.06	1.83	2.13	0.64	
73	59 OT			N	100	0	15.55	3.66	1.83	0.49	
73	60 DP			D	100	0	4.57	0.91	3.66	1.13	
73	61 DP			D	100	0	9.45	0.61	0.91	1.04	
73	62 SP			D	90	0	10.37	0.91	0.61	0.79	
73	63 DP			D	90	0	11.28	3.66	0.91	1.04	
73	64 RI			N	90	0	9.76	3.05	3.66	0.37	
73	65 DP			N	90	0	14.63	1.22	3.66	1.68	
73	66 DP			N	90	0	6.10	3.35	1.22	1.10	Cascades
73	67 SP			D	100	0	10.06	0.91	3.35	0.95	
73	68 OT			N	100	0	23.48	0.91	0.91	0.91	
73	69 DP			D	100	0	6.10	1.22	0.91	1.04	
73	70 DP			D	100	0	11.59	1.22	1.22	1.31	

End survey @ barrier

HUC Drainage Stream Reach Divers Date water/air temp
Mad-Redwood Elk NF Elk 122 Mark Freitas 9/20/2000 13.5/17 @10:45am

Reach.No.	Unit.No.	Diver	Species	age	DIVE1	DURATION1	Vis	Phase2	Efish	DIVE2	DURATION2	DIVE3	DURATION3	DIVE4	DURATION4	Comments
122	003	MF	CO	O+	0	2:00	G	1	n							no comment
122	006	MF	CO	O+	0	1:40	G	3	n	0	2:05	0	1:55	0	1:50	
122	008	MF	CO	O+	0	3:05	G	4	n							
122	010	MF	CO	O+	0	3:00	G	5	n	0	2:55	0	3:00	0	2:45	
122	012	MF	CO	O+	0	3:00	G	6	n	0	2:50	0	2:50	0	3:05	
122	016	MF	CO	O+	0	1:50	G	8	n	0	2:35	0	2:15	0	2:20	
122	018	MF	CO	O+	0	1:15	G	9	n							
122	020	MF	CO	O+	0	2:45	G		n	0	3:00	0	3:00	0	3:00	
122	031	MF	CO	O+	0	2:20	G	13	n							
122	035	MF	CO	O+	0	1:30	G	2	n	0	:50	0	1:00	0	1:00	
122	036	MF	CO	O+	0	5:00	G	15	n							
122	037	MF	CO	O+	0	3:30	G		n	0	1:45	0	2:05	0	2:30	

HUC	Drainage	Stream	Date	Recorder	Efisher	Netters	AdditionalCrew
Mad Redwood	Humboldt Bay	NF Elk	9/21/2000	ks	ks	bbb, tdg	

BEACHNO.	UNITNO.	EPASSNO.	SPECCODE	AGECLASS	LIVECOUNT	MORTCOUNT	FISHCOUNT	COMMENTS
117	7	1	CO	0+	2	0	2	
117	7	1	SH	0+	26	0	26	
117	7	1	SH	1+	3	0	3	
117	7	1	0'		9	0	9	0' = STICKLEBACK
117	7	2	CO	0+	3	0	3	
117	7	2	SH	0+	9	0	9	
117	7	2	SH	1+	0	0	0	
117	7	2	0'		10	0	10	
117	7	2	O2	0+	1	0	1	O2=AMMOCETES
117	7	3	CO	0+	6	0	6	
117	7	3	SH	0+	6	0	6	
117	7	3	SH	1+	0	0	0	
117	7	3	0'		2	0	2	
117	7	4	CO	0+	10	0	10	
117	7	4	SH	0+	7	0	7	
117	7	4	SH	1+	3	0	3	
117	7	4	0'		2	0	2	
117	7	4	O2	0+	2	0	2	
117	8	1	CO	0+	6	0	6	
117	8	1	SH	0+	31	0	31	
117	8	1	SH	1+	2	0	2	
117	8	1	0'		5	0	5	0'= STICKLEBACK
117	8	2	CO	0+	4	0	4	
117	8	2	SH	0+	13	0	13	
117	8	2	SH	1+	1	0	1	
117	8	2	0'		5	0	5	
117	8	3	CO	0+	0	0	0	
117	8	3	SH	0+	3	0	3	
117	8	3	SH	1+	0	0	0	
117	8	3	0'		2	0	2	
117	16	1	CO	0+	7	0	7	
117	16	1	SH	0+	38	0	38	
117	16	1	SH	1+	4	0	4	
117	16	1	0'		1	0	1	0' = STICKLEBACK
117	16	1	O2		1	0	1	O2=SCULPIN
117	16	2	CO	0+	2	0	2	
117	16	2	SH	0+	4	0	4	
117	16	2	0'		3	0	3	0'= STICKLEBACK
117	16	2	O2		1	0	1	O2=AMMOCETES
117	16	3	SH	1+	1	0	1	
117	16	3	SH	0+	4	0	4	
117	16	3	0'		3	0	3	
117	16	3	O2		1	0	1	O2=AMMOCETES
117	16	4	CO	0+	0	0	0	
117	16	4	SH	0+	3	0	3	
117	16	4	SH	1+	0	0	0	
117	16	4	0'		2	0	2	
117	16	4	O2	1+	1	2	3	
117	44	1	CO	0+	0	0	0	
117	44	1	SH	0+	4	0	4	
117	44	2	SH	0+	0	0	0	
117	44	3	SH	0+	2	0	2	
117	44	3	0'		1	0	1	0'=AMMOCETE

UnitNo.	Pass	start	stop	duration	watertemp
7	1	947	957	296	59F
7	2	1005	1016	283	59F
7	3	1019	1027	268	59F
7	4	1029	1040	282	59F
8	1	1043	1050	204	59F
8	2	1055	1103	250	59F
8	3	1107	1112	206	60F
16	1	1120	1132	402	60F
16	2	1143	1151	389	60F
16	3	1156	1208	421	60F
16	4	1212	1226	386	59F
44	1	1244	1246	61	59F
44	2	1247	1248	58	59F
44	3	1258	1250	80	59F

HUC Drainage Stream Reach Divers Date
Mad Redwood Humboldt Bay NF Elk 117 MF, PB 9/20/2000

Reach No.	Unit No.	Diver	Species	age	DIVE1	DURATION1	Vis	Phase2	Efish	DIVE2	DURATION2	DIVE3	DURATION3	DIVE4	DURATION4	Comments
117	5	MF, PB	CO	0+	26		E	1 N								>20 Coho, >20 0+ trout
117	7	MF, PB	CO	0+	51		G	2 Y								2-2+T, 2-1+T
117	10	MF, PB	CO	0+	40		G	3 N								
117	13	MF, PB	CO	0+	19		G	4 N								
117	17	MF, PB	CO	0+	4		G	1 N								
117	19	MF, PB	CO	0+	43		G	5 Y								>20 coho
117	21	MF, PB	CO	0+	51		G	6 N								
117	25	MF, PB	CO	0+	73		G	7 N								
117	30	MF, PB	CO	0+	21		G	8 N		29		21		22		
117	33	MF, PB	CO	0+	27		G	9 N								13-0+ trout, 1-1+T
117	38	MF, PB	CO	0+	3		G	2 N		3		3		3		Max count 8-0+ trout
117	40	MF, PB	CO	0+	42		G	10 N								
117	43	MF, PB	CO	0+	61		G	11 N								
117	45	MF, PB	CO	0+	12		G	12 N								
117	46	MF, PB	CO	0+	29		G	13 N		29		20		23		dive cal. (DP)
117	48	MF, PB	CO	0+	85		G	14 N								
117	49	MF, PB	CO	0+	11		G	3 N		13		10		12		VIS. ON LAST DIVE POOR
117	53	MF, PB	CO	0+	8		G	4 N								> 20+ trout, 3-1+trout
117	56	MF, PB	CO	0+	25		G	5 N		20		22		22		
117	60	MF, PB	CO	0+	42		G	15 N		40		44		42		

HUC Drainage Date Stream Reach Crew
Mad Redwood Humboldt Bay 9/12/2000 N.F. Elk 117 M. Freitas, P. Brown

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	CumD,m	top.w.	bot.w.	max.d.	comments
117	1	RI		1 N	100	0	6.71	6.71	1.83	2.59	0.09	Began just past sharp Horseshoe bend in stream
117	2	SP		1 N	100	0	23.78	30.49	1.83	1.92	0.27	
117	3	RI		2 N	100	0	10.67	41.16	2.44	1.95	0.12	
117	4	RU		1 N	100	0	15.24	56.40	3.66	2.44	0.18	
117	5	SP		2 D	100	0	20.43	76.83	2.65	3.96	0.88	
117	6	RI		3 N	100	0	5.49	82.32	3.66	2.13	0.12	
117	7	SP		3 D	100	0	24.39	106.71	3.20	3.66	0.70	
117	8	RI		4 E	100	0	17.68	124.39	3.66	4.24	0.15	Willows over middle of riffle-must move to e-fish
117	9	OT			100	0	49.70	174.09	6.71	3.96	1.83	DP w/very complex woody cover. Also extremely long
117	10	SP		4 D	100	0	29.88	203.96	3.20	6.40	0.58	
117	11	RU		2 N	100	0	26.52	230.49	1.22	3.66	0.34	
117	12	RI		5 N	100	0	6.40	236.89	3.35	1.07	0.09	
117	13	SP		5 D	100	0	17.68	254.57	3.05	3.35	0.85	
117	14	DP		6 N	100	0	24.39	278.96	3.66	3.05	1.52	Deep dark dense-lots of cover-may be tough to dive.
117	15	DP		7 N	100	0	55.18	334.15	1.07	4.57	1.01	Very long, large pool
117	16	RI		6 N	100	0	25.91	360.06	2.59	1.83	0.21	
117	17	RU		3 D	100	0	7.93	367.99	4.27	4.88	0.15	Split channel
117	18	DP		8 N	100	0	14.02	382.01	4.27	4.27	1.22	Deep under LG mid water rootwad
117	19	SP		9 D	100	0	31.10	413.11	3.96	4.27	0.67	
117	20	RI		7 N	100	0	8.54	421.65	7.62	7.93	0.01	
117	21	DP		10 D	100	0	30.79	452.44	7.32	5.49	1.04	
117	22	RI		8 N	100	0	12.80	465.24	1.22	2.44	0.15	
117	23	SP		11 N	100	0	46.34	511.59	2.74	1.22	0.76	
117	24	RI		9 N	100	0	15.55	527.13	2.44	2.74	0.15	
117	25	DP		12 D	100	0	47.87	575.00	2.44	2.44	1.07	
117	26	RI		10 N	100	0	6.10	581.10	3.96	2.29	0.09	All measurements in English units (ft/10ths). (Converted to m
117	27	DP		13 N	100	0	37.20	618.29	2.44	4.27	1.34	
117	28	OT			100	0	30.79	649.09	3.35	1.83	1.22	pool formed by LG fallen RDW perpendicular (?) to flow
117	29	RI		11 N	100	0	23.48	672.56	2.44	3.35	0.15	
117	30	DP		14 D	100	0	22.87	695.43	4.57	2.13	1.83	
117	31	RU		4 N	100	0	9.76	705.18	4.57	2.44	0.37	Short riffley area @ tail
117	32	RI		12 N	100	0	5.79	710.98	3.05	1.83	0.12	
117	33	DP		15 D	100	0	29.27	740.24	6.10	3.05	1.28	diagnol perched log cuts 2 pools-gravel hump under log
117	34	OT			100	0	20.43	760.67	3.66	6.10	0.98	Oxbow-like channel on LB w/ lots of LWD
117	35	DP		16 N	100	0	24.39	785.06	1.83	10.67	1.37	WIDE BOW in channel @ tailout
117	36	RI		13 N	100	0	10.37	795.43	4.57	1.83	0.12	

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	CumD,m	top.w.	bot.w.	max.d.	comments
117	37	RU	5	N	100	0	16.46	811.89	3.35	4.57	0.37	
117	38	RU	6	D	100	0	14.33	826.22	3.66	2.74	0.49	Short 8' riffle @ tailout
117	39	RI	14	N	100	0	3.35	829.57	4.27	4.88	0.09	
117	40	DP	17	D	100	0	39.02	868.60	2.44	3.96	1.31	
117	41	SP	18	N	100	0	65.85	934.45	2.13	6.10	0.55	Tailout (25) very shallow backwater
117	42	RI	15	N	100	0	5.18	939.63	3.05	2.44	0.01	
117	43	DP	19	D	100	0	75.61	1015.24	4.57	3.66	1.16	Very long pool- mostly shallow w/ cobble-sand bottom
117	44	RI	16	E	100	0	8.23	1023.48	6.10	2.44	0.09	
117	45	SP	20	D	100	0	9.76	1033.23	5.18	6.40	0.37	
117	46	DP	21	D	100	0	47.26	1080.49	3.35	6.71	1.22	Head of pool @ flagline, x-cr., to owl site 218 (2000)
117	47	RI	17	N	100	0	7.93	1088.41	7.62	2.44	0.09	
117	48	SP	22	D	100	0	105.18	1193.60	5.49	6.71	0.76	
117	49	RU	7	D	100	0	29.27	1222.87	2.74	6.10	0.40	20' riffley section @ tail--0.3' deep
117	50	RI	18	N	100	0	7.62	1230.49	4.57	2.44	0.18	
117	51	DP	23	N	100	0	20.12	1250.61	6.10	7.62	1.22	
117	52	RI	19	N	100	0	10.37	1260.98	2.44	2.13	0.12	
117	53	RU	8	D	100	0	25.30	1286.28	0.00	3.05	0.18	
117	54	OT			100	0	11.59	1297.87	3.05	2.44	0.30	Off main channel under debris jam
117	55	RI	20	N	100	0	4.57	1302.44	1.83	2.44	0.09	
117	56	DP	24	D	100	0	40.85	1343.29	0.00	7.62	1.01	Very deep wide pool. Log jam near d/s end
117	57	RI	21	N	100	0	15.24	1358.54	3.05	2.44	0.12	
117	58	OT			100	0	124.70	1483.23	3.05	3.05	0.76	Long unit-can't dive due to LWD jam in center
117	59	RI	22	N	100	0	16.77	1500.00	9.15	9.15	0.09	
117	60	SP	25	D	100	0	44.82	1544.82	3.66	9.15	0.88	
117	61	SP	26	N	100	0	88.41	1633.23	4.57	6.71	0.79	Divided from u/s pool #27 @ RB BEDROCK SILL
117	62	DP	27	N	100	0	48.78	1682.01	5.79	4.57	1.98	Siltstone bedrock on LB side along pool bottom
117	63	RI	23	N	100	0	32.93	1714.94	4.57	3.35	0.15	
117	64	SP	28	N	100	0	42.68	1757.62	3.35	9.15	0.64	Unit ends = 40' u/s of mouth of Lake Creek.

HUC	Drainage	Date	Stream	Reach	Crew	water/air temp
Mad-Redwood	Elk	9/14/2000	NF Elk	122	M.Freitas P.Brown	13/15.5 @11:30am

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.
122	1	SP	p1	n	100 0		21.341	2.744	1.524	0.518
122	2	RI	r1	n	100 0		14.634	3.659	1.829	0.152
122	3	RU	ru1	d	100 0		5.488	1.372	2.287	0.244
122	4	SP	p2	n	100 0		13.720	1.829	3.506	0.335
122	5	RI	r2	n	100 0		6.707	1.524	2.134	0.152
122	6	SP	p3	d	100 0		7.622	0.915	3.049	0.305
122	7	RI	r3	n	100 0		6.402	2.134	1.220	0.152
122	8	SP	p4	d	100 0		13.415	1.067	3.049	0.396
122	9	RI	r4	n	100 0		9.451	2.744	1.982	0.122
122	10	SP	p5	d	100 0		15.244	1.829	3.659	0.823
122	11	RI	r5	n	100 0		15.854	2.591	3.049	0.152
122	12	SP	p6	d	100 0		12.805	1.372	2.134	0.427
122	13	RI	r6	n	100 0		16.768	2.744	2.134	0.183
122	14	DP	p7	n	100 0		16.768	4.573	2.134	2.439
122	15	RI	r7	e	100 0		13.110	1.524	1.220	0.152
122	16	SP	p8	d	100 0		9.756	7.012	3.354	0.854
122	17	OT			100 0		6.098	0.915	0.915	0.366
122	18	SP	p9	d	100 0		5.183	1.372	2.439	0.427
122	19	RI	r8	n	100 0		7.317	4.878	1.067	0.061
122	20	DP	p10	d	100 0		14.939	5.488	4.573	1.829
122	21	SP	p11	n	100 0		14.329	2.744	1.220	0.457
122	22	RI	r9	n	100 0		8.537	2.134	2.439	0.091
122	23	SP	p12	n	100 0		12.195	1.677	2.744	0.701
122	24	RI	r10	n	100 0		3.049	2.591	1.677	0.091
122	25	OT			100 0		13.720	2.134	2.439	0.610
122	26	RI	r11	n	100 0		27.439	0.915	1.524	0.091
122	27	OT			100 0		15.244	3.659	3.049	0.854
122	28	RI	r12	n	100 0		19.817	2.134	1.829	0.183
122	29	RU	ru2	n	100 0		10.671	1.067	2.134	0.183
122	30	SP	p13	n	100 0		3.963	1.067	0.762	0.213
122	31	SP	p14	d	100 0		18.293	1.220	1.677	0.701
122	32	RI	r13	n	100 0		2.439	3.963	4.573	0.030
122	33	SP	p15	n	100 0		4.878	3.049	4.268	0.244
122	34	RI	r14	n	100 0		24.390	2.439	3.049	0.091
122	35	RU	ru3	d	100 0		5.488	0.915	1.829	0.213
122	36	SP	p16	d	100 0		17.378	1.829	1.829	0.762

comments

Reach.No	Unit.No	Hab.Code	phases1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
122	37	DP	p17	d	100 0		19.817	2.439	2.439	1.006	
122	38	RI	r15	n	100 0		8.232	1.220	2.439	0.152	
122	39	RU	ru4	d	100 0		4.878	0.915	1.677	0.244	
122	40	RU	ru5	d	100 0		7.927	0.915	1.524	0.274	
122	41	RI	r16	n	100 0		4.573	2.287	3.354	0.122	
122	42	RU	ru6	d	100 0		19.817	2.439	2.287	0.183	
122	43	SP	p18	n	100 0		6.402	2.134	2.591	0.427	
122	44	RI	r17	n	100 0		2.439	1.829	2.744	0.061	
122	45	SP	p19	d	100 0		13.415	1.524	2.134	0.823	
122	46	RU	ru7	n	100 0		6.098	1.220	1.067	0.244	
122	47	RI	r18	n	100 0		10.671	2.896	3.354	0.091	
122	48	OT			100 0		30.488	2.134	3.963	2.134	
122	49	OT			100 0		1.829	1.829	1.677	0.335	
122	50	RU	ru8	n	100 0		7.317	1.220	1.067	0.183	
122	51	RI	r19	e	100 0		12.805	3.354	1.220	0.122	
122	52	OT			100 0		13.720	2.134	2.134	1.006	
122	53	RI	r20	n	100 0		12.195	2.744	2.439	0.091	
122	54	RU	ru9	d	100 0		12.195	1.372	1.524	0.244	
122	55	RI	r21	n	100 0		13.110	3.049	1.067	0.152	
122	56	SP	p20	d	100 0		17.073	3.354	2.591	1.006	
122	57	RI	r22	n	100 0		12.500	2.287	3.049	0.122	
122	58	SP	p21	n	100 0		3.354	1.829	2.744	0.396	
122	59	RI	r23	n	100 0		7.012	4.878	1.677	0.091	
122	60	SP	p22	n	100 0		10.671	1.829	5.183	0.244	
122	61	DP	p23	d	100 0		10.061	2.134	2.591	1.006	
122	62	RU	ru10	d	100 0		4.573	2.134	2.134	0.183	
122	63	RI	r24	n	100 0		10.671	1.220	2.134	0.183	
122	64	OT			100 0		9.756	3.049	1.372	0.488	
122	65	RI	r25	n	100 0		10.976	0.915	1.524	0.122	
122	66	OT			100 0		5.488	2.439	1.067	0.640	
122	67	RI	r26	n	100 0		8.537	2.439	2.439	0.183	
122	68	OT			100 0		6.098	2.439	3.049	0.274	
122	69	RU	ru11	n	100 0		7.622	0.762	2.439	0.274	
122	70	OT			100 0		19.817	1.220	2.287	1.128	
122	71	RU	ru12	d	100 0		3.963	0.915	0.915	0.396	
122	72	RI	r27	n	100 0		3.049	0.762	0.762	0.061	

LB trib enters in middle of unit

Reach.No	Unit.No	Hab.Code	phaser1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
122	73	OT	r28	n	100	0	14.634	2.439	1.524	1.402	
122	74	RI	p24	d	100	0	13.720	1.982	3.049	0.122	
122	75	SP	p25	n	100	0	12.195	1.067	2.287	0.610	
122	76	SP	r29	n	100	0	9.756	5.488	1.829	0.457	
122	77	RI	ru13	d	100	0	9.146	2.134	1.220	0.091	
122	78	RU	ru14	d	100	0	19.817	1.220	1.372	0.213	
122	79	RU	ru15	n	100	0	5.183	1.372	1.524	0.213	
122	80	RU	p26	d	100	0	6.707	0.762	1.524	0.244	
122	81	SP	r30	n	100	0	3.659	0.762	1.067	0.366	
122	82	RI	ru16	d	90		3.049	1.220	1.372	0.091	
122	83	RU	r31	e	90		12.195	1.372	1.524	0.396	unit 90: very deep bedrock trench pool-flows
122	84	RI	r32	n	10		5.183	2.591	0.762	0.152	unit 90: underground thru tunnel at head
122	85	SC	p27	d	90		9.146	2.439	2.439	0.122	unit 90: of pool -huge obstruction (logjam
122	86	OT	p28	d	100	0	30.488	3.049	3.049	0.915	unit 90: and debris flow) mostly covering
122	87	SP	r33	n	100	0	15.854	2.744	3.049	0.793	unit 90: channel no possibility of coho making
122	88	SP	p29	d	100	0	6.707	0.762	0.762	0.457	unit 90: t-all sh rt above-maybe
122	89	RI		n	100	0	9.451	2.439	2.439	0.091	unit 90: resident fish-blockage is about 300-350
122	90	DP		d	100	0	10.671	2.744	3.049	1.829	unit 90: feet in length

HUC	Drainage	Stream	Date	Recorder	Efisher	Netters	AdditionalCrew
Mad-Redwood	Redwood	Prairie Creek	9/26/2000	McCanne	Boyce	McCanne	DM
				YRK		Lizzy	
				Boyce		YRK	
				JAI		MF	

REACHNO.	UNITNO.	EPASSNO.	SPECCODE	AGECLASS	LIVECOUNT	MORTCOUNT	FISHCOUNT	COMMENTS
4	2	1	CO	0+	0	0	0	
4	2	1	UT	0+	6	1	7	
4	2	2	CO	0+	0	0	0	3 Salamanders, 1 Stickleback
4	2	2	UT	0+	6	0	6	1 Brook Lamprey, 1 P. Sculpin
4	2	3	CO	0+	0	0	0	
4	2	3	UT	0+	2	0	2	1 Coast Range Sculpin
4	43	1	CO	0+	0	0	0	Tailless Salamander
4	43	1	UT	0+	6	0	6	Salamander
4	43	2	CO	0+	0	0	0	
4	43	2	UT	0+	0	0	0	
4	43	3	CO	0+	0	0	0	Salamander
4	43	3	UT	0+	0	0	0	
4	65	1	UT	0+	3	0	3	1 Salamander
4	65	2	UT	0+	1	0	1	
4	65	3	N/A	N/A	0	0	0	1 Salamander
4	85	1	UT	0+	20	0	20	
4	85	1	UT	1+	1	0	1	
4	85	1	CO	0+	17	0	17	
4	85	1	OI	0+	2	0	2	Sticklebacks. 1 Salamander in pass 1.
4	85	2	UT	0+	15	0	15	
4	85	2	UT	1+	1	0	1	
4	85	2	OI	0+	1	0	1	Sticklebacks and 1 Crayfish
4	85	3	UT	0+	9	0	9	
4	85	3	CO	0+	6	0	6	2 Crayfish and 1 Salamander
4	85	3	CT	2+	1	0	1	
4	88	1	UT	0+	7	1	8	1 Stickleback, 2 Salamanders
4	88	1	UT	1+	1	0	1	
4	88	1	CO	0+	8	0	8	
4	88	2	CT	3+	1	0	1	5 Sticklebacks, 1 Lamprey
4	88	2	UT	0+	8	1	9	
4	88	2	UT	1+	2	0	2	
4	88	2	CO	0+	18	0	18	
4	88	3	UT	0+	8	2	10	3 Sticklebacks
4	88	3	UT	1+	1	0	1	
4	88	3	CO	0+	18	3	21	
4	88	4	UT	0+	4	0	4	
4	88	4	UT	1+	1	0	1	
4	88	4	CO	0+	3	0	3	
4	96	1	UT	0+	8	0	8	1 Stickleback/ 1 Prickly SB
4	96	1	CO	0+	16	0	16	1 Salamander
4	96	1	UT	1+	2	0	2	
4	96	2	UT	0+	3	0	3	1 Brook Lamprey transformer

REACHNO.	UNITNO.	EPASSNO.	SPECCODE	AGECLASS	LIVECOUNT	MORTCOUNT	FISHCOUNT	COMMENTS
4	96	2 CO		0+	7	0	7	
4	96	2 CT		1+	2	0	2	
4	96	3 UT		0+	4	0	4	1 Brook Lamprey transformer (BLT)
4	96	3 CO		0+	1	0	1	1 Salamander
4	96	3 UT		1+	1	0	1	
4	96	4 UT		0+	3	0	3	1 BLT
4	96	4 CO		0+	6	0	6	
4	96	4 UT		1+	0	0	0	
4	100	1 UT		0+	6	0	6	
4	100	1 CO		0+	0	0	0	
4	100	1 Oi		1+	2	0	2	
4	100	2 UT		0+	3	0	3	
4	100	2 CO		0+	0	0	0	
4	100	2 Oi		1+	2	0	2	
4	100	3 UT		0+	1	0	1	
4	100	3 CO		0+	0	0	0	
4	129	1 UT		0+	43	1	44	
4	129	1 CO		0+	4	0	4	
4	129	1 SB		0+	5	0	5	Stickleback
4	129	2 UT		0+	15	0	15	
4	129	2 CO		0+	3	0	3	
4	129	2 SB		0+	1	0	1	Stickleback
4	129	3 UT		0+	13	0	13	
4	129	3 SB		0+	1	0	1	No Coho. 1 UT mort. Found on ground
4	134	1 UT		0+	26	0	26	
4	134	1 CO		0+	6	0	6	
4	134	1 UT		1+	3	0	3	
4	134	1 UT		2+	1	0	1	
4	134	1 Oi		N/A	2	0	2	Stickleback
4	134	2 UT		0+	10	0	10	
4	134	2 CO		0+	9	0	9	2 Salamanders
4	134	2 UT		1+	1	0	1	
4	134	2 CT		1+	1	0	1	
4	134	2 O2		N/A	1	0	1	Stickleback
4	134	3 UT		0+	11	0	11	
4	134	3 CO		0+	0	0	0	
4	134	3 UT		1+	3	0	3	
4	134	3 UT		2+	1	0	1	
4	134	3 CT		3+	1	0	1	
4	134	4 UT		0+	6	0	6	
4	134	4 CO		0+	6	0	6	
4	134	4 UT		1+	2	0	2	Stickleback

REACHNO.	UNITNO.	EPASSNO.	SPEC CODE	AGE CLASS	LIVE COUNT	MORT COUNT	FISH COUNT	COMMENTS
4	134	4 UT	2+	1	0	1		
4	137	1 UT	0+	11	0	11		
4	137	1 UT	1+	4	0	4		
4	137	1 CO	0+	6	0	6		
4	137	1 SB	0+	3	0	3	Stickleback	
4	137	1 PSP	0+	2	0	2	Prickly sculpin	
4	137	1 CSP	0+	1	0	1	Coast Range Sculpin	
4	137	2 UT	0+	9	0	9		
4	137	2 UT	1+	4	0	4	2 Salamanders	
4	137	2 CO	0+	7	0	7		
4	137	2 SB	0+	1	0	1	Stickleback	
4	137	2 PSP	0+	1	0	1	prickly sculpin	
4	137	3 UT	0+	8	0	8		
4	137	3 CO	0+	3	0	3		
4	137	3 CT	3+	1	0	1		
4	137	3 UT	2+	1	0	1		
4	137	4 UT	0+	8	0	8		
4	137	4 CO	0+	6	0	6	1 crayfish	
4	145	1 UT	0+	6	0	6		
4	145	1 CO	0+	13	1	14		
4	145	1 UT	1+	2	0	2		
4	145	1 Oi		1	0	1	Brook Lamprey Transformer	
4	145	1 Oi		1	0	1	Prickly Sculpin	
4	145	2 UT	0+	9	0	9		
4	145	2 CO	0+	6	0	6		
4	145	2 UT	1+	1	0	1		
4	145	2 UT	2+	1	0	1		
4	145	2 Oi		2	0	2	Stickleback	
4	145	2 Oi		1	0	1	Prickly Sculpin	
4	145	3 UT	0+	5	0	5		
4	145	3 CO	0+	1	0	1		
4	145	3 Oi			0	0	Stickleback	
4	145	4 UT	0+	2	0	2		
4	145	4 CO	0+	1	0	1		
4	149	1 UT	0+	5	1	6		
4	149	1 CO	0+	6	0	6		
4	149	2 UT	0+	1	0	1		
4	149	2 CO	0+	4	0	4		
4	149	3 UT	0+	1	0	1		
4	149	3 CO	0+	4	0	4		
4	149	4 UT	0+	1	1	2		
4	149	4 CO	0+	1	0	1		

REACHNO.	UNITNO.	EPASSNO.	SPECCODE	AGECLASS	LIVECOUNT	MORTCOUNT	FISHCOUNT	COMMENTS
4	154		1 UT	0+	10	0	10	
4	154		1 CO	0+	7	0	7	
4	154		2 CO	0+	4	0	4	
4	154		2 UT	0+	2	1	3	
4	154		3 CO	0+	3	0	3	
4	154		3 UT	0+	6	0	6	
4	154		3 CT	2+	1	0	1	
4	154		3 UT	2+	1	0	1	
4	154		4 UT	0+	4	0	4	
4	154		4 CO	0+	2	0	2	
4	154		4 UT	1+	1	0	1	
4	161		1 CO	0+	5	0	5	1 Prickly Sculpin
4	161		1 UT	0+	9	0	9	
4	161		1 UT	1+	3	0	3	
4	161		1 CT	2+	1	0	1	
4	161		2 CO	0+	0	0	0	1 Prickly Sculpin
4	161		2 UT	0+	5	0	5	
4	161		2 UT	1+	2	0	2	
4	161		2 CT	2+	1	0	1	
4	161		3 CO	0+	10	0	10	1 Salamander
4	161		3 UT	0+	2	0	2	
4	161		3 UT	1+	0	0	0	
4	161		3 CT	2+	0	0	0	

UnitNo.	Pass	start	stop	duration	watertemp	
2	1	0	149		13	
2	2	149	301		13	
2	3	301	446		13	
43	1	0	72		14	
43	2	72	135		14	
43	3	N/A	N/A		14	
62	1	0	156	156	14	
62	2	0	158	158	14	
62	3	158	315	157	14	
65	1	843	900*		15	* Estimate. Started e-fishing pass two and did not notice until 916
65	2	900*	1026		15	
65	3	1026	1116		15	
85	1	1117	1415		15.5	
85	2	0	256		15.5	
85	3	256	604		15.5	
85	4	604	958		15.5	
88	1	0	427		16	
88	2	427	787		16	
88	3	787	1145		16	
88	4	1145	1437		16	
96	1	1437	1659		16	
96	2	0	230		16	
96	3	230	459		16	
96	4	459	694		16	
100	1	689	862		14	
100	2	862	1013		14	
100	3	1013	1185		14	
129	1	0	221		14	
129	2	221	440		14	
129	3	440	640		14	
134	1	0	270		15	
134	2	270	563		15	
134	3	563	804		15	
134	4	804	1060		15	
137	1	0	285		N/A	
137	2	285	616		N/A	
137	3	616	908		N/A	
137	4	908	1169			
145	1	0	321		14	
145	2	321	622		14	
145	3	622	924		14	
145	4	924	1221		14	
149	1	0	224		14	
149	2	229	468		14	
149	3	468	675	207	14	
149	4	675	897		14	
154	1	0	170		15	
154	2	170	337		15	
154	3	0	168		15	
154	4	N/A	N/A		15	
161	1	0	122		15	
161	2	122	270		15	
161	3	270	N/A		15	

HUC Drainage Stream Reach Divers Date
Mad-Redwood Redwood Creek Prairie Creek 4 TM, JB 9/17/00-9/18/00

Reach No.	Unit No.	Diver	Species	age	DIVE1	DURATION1	Vs	Phase2	Efish	DIVE2	DURATION2	DIVE3	DURATION3	DIVE4	DURATION4	Comments
4	8 T.M.	CO	CO	0+	5		E N1		N							
4	10 T.M.	CO	CO	0+	7		E		N	5		8		7		
4	12 T.M.	CO	CO	0+	4		E		N	8		10		11		
4	14 T.M.	CO	CO	0+	1		E Y2		N	2		2		2		
4	16 T.M.	CO	CO	0+	0		E Y1		N	2		3		4		
4	29 T.M.	CO	CO	0+	15		E N3		N							
4	38 T.M.	CO	CO	0+	5		E Y4		N	10		8		10		
4	40 J.B.	CO	CO	0+	0		E Y2		N	0		0		0		
4	44 J.B.	CO	CO	0+	23		E		N	22		23		18		
4	56 J.B.	CO	CO	0+	18		E N5		N							
4	60 J.B.	CO	CO	0+	12		E Y3		N	16		13		15		
4	62 J.B.	CO	CO	0+	39		E		N	53		50		51		
4	77 J.B.	CO	CO	0+	50		P		N	48		44		42		
4	85 J.B.	CO	CO	0+	67		E Y4		Y							
4	88 J.B.	CO	CO	0+	84		E Y6		Y							
4	91 J.B.	CO	CO	0+	9		E N5		N							
4	94 J.B.	CO	CO	0+	75		E N7		N							
4	96 J.B.	CO	CO	0+	52		E Y6		Y							
4	101 J.B.	CO	CO	0+	64		E		N	65		61		62		
4	103 J.B.	CO	CO	0+	70		P		N	82		73		59		
4	109 J.B.	CO	CO	0+	32		E N8		N							
4	113 J.B.	CO	CO	0+	28		E		N	37		48		44		
4	114 J.B.	CO	CO	0+	78		E		N	87		89		92		
4	118 J.B.	CO	CO	0+	28		E N9		N							
4	119 J.B.	CO	CO	0+	110		E		N	110		124		120		
4	120 J.B.	CO	CO	0+	32		E N7		N							
4	134 J.B.	CO	CO	0+	32		E Y8		Y							
4	137 J.B.	CO	CO	0+	39		E Y10		Y							
4	141 J.B.	CO	CO	0+	57		E N11		N							
4	142 J.B.	CO	CO	0+	33		E N12		N							
4	144 J.B.	CO	CO	0+	44		E		N	50				43		
4	145 J.B.	CO	CO	0+	40		E Y13		Y							
4	147 J.B.	CO	CO	0+	63		E N14		N							
4	149 J.B.	CO	CO	0+	27		E Y15		Y							
4	154 J.B.	CO	CO	0+	21		E Y16		Y							

HUC	Drainage	Date	Stream	Reach	Crew
Mad-Redwood	Redwood Creek	9/16/00-9/18/00	Prairie Creek	4	MF JH YRK DM

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	CurM.D.m	top.w.	bot.w.	max.d.	comments
4	1	SP		1 N	100	0	23	23	5	6	0.6	
4	2	RI		1 E	100	0	11	34	7.3	9	0.3	split riffle
4	3	OT		N	100	0	23	57	5	6	0.6	
4	4	RI		2 N	70	1	12	69	4	1.5	0.2	
4	4.1	RI		2 N	30	2	15	72	3	2	0.4	
4	5	RU		1 N	100	0	31	100	8	4	0.2	
4	6	OT		N	100	0	12	112	9	6	0.5	
4	7	RI		3 N	100	0	13	125	8	9	0.3	
4	8	SP		2 D	100	0	50	175	3	8	0.5	
4	9	RI		3 N	100	0	13	188	12	3	0.2	
4	10	DP		1 D	100	0	21	209	4	12	1.2	
4	11	RU		2 N	100	0	14	223	4	4	0.4	Possible redd near top
4	12	DP		2 D	100	0	16	239	7	4	1.1	
4	13	RI		5 N	100	0	16	255	4	7	0.15	
4	14	SP		3 D	100	0	10	265	5	4	0.5	
4	15	RI		5 N	100	0	7	272	5	5	0.1	
4	16	RU		3 D	100	0	29	301	4	5	0.4	
4	17	SP		4 N	100	0	19	320	3	4	0.9	
4	18	RI		6 N	100	0	15	335	4	3	0.2	
4	19	SP		5 N	100	0	62	397	6	6	0.7	
4	20	RI		7 N	100	0	14	411	9	6	0.3	
4	21	OT		N	100	0	31	442	3	7	1.1	Would have been a deep pool, but upstream woody debris
4	22	OT		N	100	0	41	483	3	3	0.7	
4	23	RI		8 N	100	0	16	499	8	6	0.2	
4	24	RU		4 N	70	1	21	520	4	3	0.3	
4	24.1	OT		N	30	2	27	526	3	4	0.5	
4	25	OT		N	100	0	12	532	9	8	1.3	
4	26	RI		9 N	100	0	19	551	4	3	0.2	
4	27	OT		N	100	0	47	598	7	4	0.9	
4	28	RI		10 N	50	1	10	608	2	3	0.1	
4	28.1	RI		10 N	50	2	11	609	3	2	0.3	
4	29	SP		6 D	100	0	30	638	8	5	0.7	
4	30	RU		5 N	100	0	24	662	2	8	0.5	
4	31	SP		7 N	100	0	19	681	5	4	0.4	
4	32	OT		N	100	0	12	693	2	5	0.7	
4	33	OT		N	100	0	32	725	4	2	0.8	
4	34	RI		11 N	100	0	6	731	7	4	0.1	
4	35	RU		6 N	100	0	40	771	4	5	0.6	
4	36	RU		7 N	100	0	27	798	5	5	0.6	Saw huge male elk 18 pointer

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chrcode	length	CumD,m	top,w.	bot,w.	max.d.	comments
4	37	RI	12	N	100	0	14	812	5	5	0.4	Sampled 1st riffle, so next to sample is 13. (12th).
4	38	SP	8	D	100	0	23	835	3	5	0.6	
4	39	OT	N		100	0	21	856	3	4	0.7	
4	40	RU	8	D	100	0	18	874	6	3	0.2	
4	41	OT	N		100	0	42	916	4	6	0.9	
4	42	OT	N		100	0	12	928	7	4	0.5	
4	43	RI	13	E	100	0	10	938	3	3	0.2	
4	44	DP	3	D	100	0	25	963	8	3	1.1	
4	45	RI	14	N	100	0	9	972	8	8	0.1	
4	46	OT	N		100	0	36	1008	6	8	1.2	
4	47	RI	15	N	50	1	25	1033	3	4	0.2	
4	47.1	RI	16	N	50	2	30	1038	3	2	0.3	
4	48	OT	N		100	0	68	1101	4	7	1.1	
4	49	OT	N		100	0	32	1133	6	4	0.9	
4	50	RI	17	N	80	1	8	1141	2	2	0.2	
4	50.1	RI	17	N	20	2	8	1141	1	1	0.1	
4	51	RI	18	N	100	0	28	1169	2	5	0.5	
4	52	OT	N		100	0	27	1196	2	2	1.2	
4	53	RI	19	N	100	0	11	1207	4	2	0.6	
4	54	RI	20	N	80	1	17	1224	4	2	0.3	
4	54.1	RI	20	N	20	2	15	1222	2	1	0.1	
4	55	OT	N		100	0	37	1261	6	6	0.6	
4	56	SP	9	D	100	0	21	1282	3	6	0.5	
4	57	RI	21	N	50	1	13	1295	2	2	0.4	
4	57.1	RI	21	N	50	2	20	1302	1	3	0.3	
4	58	OT	N		100	0	40	1335	3	6	0.8	
4	59	RI	22	N	100	0	8	1343	2	2	0.2	
4	60	RU	9	D	100	0	19	1362	3	4	0.4	
4	61	RI	23	N	100	0	12.9	1374.9	3.5	3	0.2	
4	62	DP	4	D	100	0	23.1	1398	8.5	3.5	1.1	
4	63	RU	10	N	100	0	19.8	1417.8	2	8.5	0.6	
4	64	RI	24	N	100	0	8.7	1426.5	6.5	2	0.2	
4	65	RI	25	E	60	1	16.1	1442.6	4.5	6.5	0.2	
4	66	SP	10	N?	60	1	12	1454.6	3	4.5	0.2	Missing asis, will determine later if it will be done.
4	67	RI	26	N	60	1	2	1456.6	6	3	0.1	
4	68	OT	N		40	2	32.6	1459.1	3	6.5	0.5	
4	69	RU	11	N	40	2	12.1	1471.2	6	3	0.4	
4	70	RU	12	N	100	0	69.1	1525.7	10.3	6	0.9	
4	71	RI	27	N	100	0	12	1537.7	10.5	10.3	0.1	

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	CumD,m	top.w.	bot.w.	max.d.	comments
4	72	OT		N	100	0	36.6	1574.3	11.3	10.5	0.6	
4	73	RI		28 N	60	1	17.8	1592.1	6	11.3	0.3	
4	74	OT		N	40	2	18	1592.3	2	11.3	0.3	LOG IN CHANNEL
4	75	OT		N	100	0	23.1	1615.2	5.5	8	0.8	Small log jam across unit
4	76	RI		29 N	100	0	10.4	1625.6	4.5	5.5	0.5	
4	77	DP		5 D	100	0	28.1	1653.7	6.3	4.5	1.1	VERY LARGE TREE ACROSS CHANNEL
4	78	RU		13 N	100	0	15.1	1668.8	4.3	6.3	0.4	
4	79	OT		N	100	0	10	1678.8	9.2	4.3	0.2	wooden bridge goes across unit. Small fallen trees in unit
4	80	OT		N	60	1	31.4	1710.2	4.7	6.2	1	R 1081 loops back to 0805
4	81	RI		30 N	40	2	14.1	1692.9	2.7	3	0.2	
4	82	RI		31 N	100	0	34.8	1745	3	4.7	0.4	
4	83	SP		11 N?	100	0	30.2	1775.2	17	3	1	Missing asis, will determine later if it will be done.
4	84	RI		32 N	100	0	20	1795.2	7.7	17	0.1	
4	85	RU		14 D	100	0	54.2	1849.4	8.2	7.7	0.6	
4	86	OT		N	100	0	38.6	1888	4.5	8.2	1.1	
4	87	RI		33 N	100	0	30.6	1918.6	7.9	4.5	0.3	
4	88	SP		12 Y?	100	0	45.1	1963.7	9.3	7.9	0.4	Missing asis, will determine later if it will be done.
4	89	SP		13 N	100	0	31.7	1995.4	13.2	9.3	0.8	Man made rock lines at beginning and end of 088
4	90	RI		34 N	100	0	12.2	2007.6	6.3	13.2	0.1	BOARDERS CAMP GROUND
4	91	RU		15 D	100	0	16.7	2024.3	7.6	6.3	0.4	Ends in man-made rock line
4	92	RU		16 N	100	0	17.9	2042.2	12.2	7.6	0.5	
4	93	RI		35 N	100	0	23.2	2065.4	13.5	12.2	0.2	
4	94	SP		14 Y?	100	0	25.6	2091	8.3	13.5	0.7	
4	95	OT		N	100	0	49.2	2140.2	7.9	8.3	0.8	
4	96	RU		17 D	100	0	31.2	2171.4	15.6	7.9	0.6	
4	97	RI		36 N	60	1	13.8	2185.2	7.9	15.6	0.1	
4	98	OT		N	40	2	15	2186.4	4.6	1.6	0.2	
4	99	OT		N	100	0	39.1	2224.3	1.6	12.5	0.9	
4	100	RI		37 E	100	0	17.9	2242.2	7.7	1.6	0.3	
4	101	DP		6 D	100	0	27.4	2269.6	10.7	7.7	1.3	
4	102	RI		38 N	100	0	8.1	2277.7	10.8	10.7	0.1	
4	103	DP		7 D	100	0	38	2315.7	7.9	10.8	1.3	
4	104	RI		39 N	100	0	15.2	2330.9	4.6	7.9	0.2	
4	105	OT		N	100	0	18.3	2349.2	4.6	4.6	0.5	
4	106	RI		40 N	100	0	7.7	2356.9	4.6	4.6	0.2	
4	107	SP		15 N?	100	0	14.1	2371	5.4	4.6	0.8	
4	108	RI		41 N	100	0	13.1	2384.1	18	5.4	0.2	
4	109	SP		16 Y?	100	0	15	2399.1	7.2	18	0.5	
4	110	RI		42 N	100	0	19.1	2418.2	17.1	7.2	0.2	

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	CumD.m	top.w.	bot.w.	max.d.	comments
4	111	OT		N	100	0	42.5	2460.7	10.5	17.1	0.8	debris in channel would make diving difficult
4	112	SP		17 N?	100	0	55.7	2516.4	3.8	10.5	0.8	Root wad in water
4	113	DP		8 D	100	0	24.2	2540.6	13.6	3.8	1.1	
4	114	DP		9 D	100	0	83.3	2623.9	4.7	13.6	1.2	
4	115	RI		43 N	100	0	18.1	2642	3.1	4.7	0.3	
4	116	OT		N	100	0	26.1	2668.1	4.7	3.1	1	LWD
4	117	RI		44 N	100	0	39.1	2707.2	5.4	4.7	0.2	SC coming form under ground
4	118	SP		18 Y?	100	0	20.8	2728	1.4	5.4	0.8	Missing axis, will determine later if it will be done.
4	119	DP		10 D	100	0	41.7	2769.7	6.2	1.4	1.2	Algal bloom in side pocket. SC was missed Coho was observed
4	120	RU		18 D	100	0	22.1	2791.8	3.8	6.2	0.8	
4	121	RI		45 N	100	0	11.9	2803.7	4.6	3.8	0.2	
4	122	RU		19 N	100	0	23.3	2827	4.9	4.6	0.4	
4	123	RI		46 N	75	1	17.9	2844.9	3.2	5.2	0.26	
4	124	RI		47 N	75	1	22.1	2867	4.33	3.2	0.2	SC comes off this unit
4	125	RI		48 N	25	2	14.9	2841.9	2.3	2.7	0.16	ends in pocket pool
4	126	DC		N	25	2		2841.9				
4	127	SP		19 N	25	2	27.6	2869.5	3.55	3	0.86	
4	128	OT		N	25	2	6.2	2875.7	1.92	3.55	0.36	
4	129	RI		49 E	25	2	30.8	2906.5	2.8	1.92	0.22	
4	130	OT		N	100	0	12.4	2879.4	6.9	5.1	0.7	
4	131	RU		20 N	100	0	19.9	2899.3	14.9	6.9	0.3	TOP wetted width is a diagonal measurement
4	132	OT		N	100	0	22.8	2922.1	3.6	14.9	0.96	Bottom wetted width is a diagonal measurement
4	133	RI		50 N	100	0	20.9	2943	7.6	3.6	0.27	
4	134	RU		21 D	100	0	32.2	2975.2	3.8	7.6	0.4	
4	135	OT		N	100	0	27	3002.2	8.2	3.8	1.5	
4	136	RI		51 N	100	0	18.8	3021	7.3	8.2	0.15	
4	137	SP		20 D	100	0	38.2	3059.2	14.4	7.3	0.65	
4	138	RI		52 N	100	0	19.2	3078.4	9.8	14.4	0.22	SC present w/ 10% flow with pocket pool
4	139	SP		21 N	100	0	32.3	3110.7	6.4	9.8	0.8	
4	140	RI		53 N	100	0	16.7	3127.4	5	6.4	0.2	
4	141	SP		22 D	100	0	36.8	3164.2	6.9	5	0.84	
4	142	SP		23 D	100	0	33.8	3198	3.5	8.4	0.89	includes fishbearing alcove classified as ot
4	143	RI		54 N	100	0	11.6	3209.6	6.5	3.5	0.3	
4	144	DP		11 D	100	0	22.5	3232.1	2.9	6.5	1.35	
4	145	SP		24 D	100	0	39.5	3271.6	8	2.9	0.98	
4	146	RI		55 N	100	0	32.4	3304	5.5	8	0.25	
4	147	SP		25 D	100	0	51.2	3355.2	4.7	5.5	1	
4	148	RI		56 N	60	1	7.4	3362.6	5	2.1	0.1	
4	149	SP		26 D	60	1	18.5	3381.1	4.3	5	0.67	

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	CumD.m	top.w.	bot.w.	max.d.	comments
4	150	OT		N	60	1	25.6	3406.7	4.9	4.3	0.72	
4	151	RI		57 N	40	2	18.2	3373.4	3.4	2.6	0.26	
4	152	OT		N	40	2	10	3383.4	4.5	3.4		Unable to access at all for depth and length due to large log jam (len. estimated)
4	153	OT		N	100	0	5.2	3411.9	7	7.9	0.26	
4	154	SP		27 D	100	0	25	3436.9	4.42	7	0.55	
4	155	RI		58 N	100	0	13.4	3450.3	4.17	4.42	0.35	
4	156	OT		N	100	0	6.4	3456.7	5.15	4.17	1.1	Large alcove w/liny SC RI entering from upstream
4	157	RI		59 N	100	0	11.5	3468.2	2.2	5.15	0.34	
4	158	SP		28 N	100	0	26.5	3494.7	4.27	2.2	1.08	
4	159	RI		60 N	100	0	29.2	3523.9	5.6	4.27	0.43	
4	160	OT		N	100	0	42.6	3566.5	3.6	5.6	1.14	
4	161	RI		61 E	100	0	18.3	3584.8	4.9	3.6	0.54	

HUC

Drainage Stream

Reach Divers Date

Mad-Redwood Redwood Little Lost Man

9 TM, JB 9/16/2000

Reach.No.	Unit.No.	Diver	Species	age	DIVE1	DURATION1	V/s	Phase2	Efish	DIVE2	DURATION2	DIVE3	DURATION3	DIVE4	DURATION4	Comments
9		3 TM	CO	0+	45		G	N1	N							
9		7 JB	CO	0+	7		P	N2	N	5		4		3		
9		10 TM	CO	0+	0		G	N2	N					0		
9		15 JB	CO	0+	0		G	Y3	N	0		0		0		
9		17 TM	CO	0+	0		G	Y4	N	0		0		0		
9		19 JB	CO	0+	0		G	N5	N					0		
9		21 JB	CO	0+	0		G		N	0		0		0		
9		24 TM	CO	0+	0		G	N6	N					0		
9		26 JB	CO	0+	0		G	Y7	N	0		0		0		
9		30 TM	CO	0+	0		G		N	0		0		0		
9		32 JB	CO	0+	0		G	N8	N							
9		34 JB	CO	0+	1		G	N9	N							
9		40 JB	CO	0+	0		G	N10	N					0		
9		45 TM	CO	0+	0		G	Y11	N	0		0				
9		48 JB	CO	0+	0		G	N12	N							
9		50 JB	CO	0+	0		G	N13	N							
9		51 TM	CO	0+	0		G	N14	N	0		0		0		
9		53 JB	CO	0+	0		G	Y15	N							
9		55 TM	CO	0+	0		G	N16	N	0		0		0		
9		58 TM	CO	0+	0		G	Y17	N	0		1		1		
9		60 JB	CO	0+	1		G	Y18	N	1		12		12		
9		67 JB	CO	0+	7		G	Y19	N	8		0		0		
9		70 TM	CO	0+	0		G	Y20	N	0		1		1		
9		74 JB	CO	0+	1		G	Y21	N	1		3		4		
9		79 TM	CO	0+	4		G	Y22	N	4						
9		88 JB	CO	0+	4		G	N23	N							
9		92 JB	CO	0+	1		G	Y24	N	1				1		
9		102 JB	CO	0+	17		G	N25	N							
9		110 TM	CO	0+	30		G	N25	N							
9		112 TM	CO	0+	0		G	N26	N							

no comments

HUC	Drainage	Stream	Date	Recorder	Efisher	Netters	AdditionalCrew
Mad-Redwood	Redwood	Little Lost Man	9/26/2000	McCanne	Boyce	McCanne	Lizzy Israel

REACHNO.	UNITNO.	EPASSNO.	SPECCODE	AGECLASS	LIVECOUNT	MORTCOUNT	FISHCOUNT	COMMENTS
9	46	1 UT	0+	2	1	3 no comment		
9	46	1 CO	0+	0	0	0		
9	46	2 UT	0+	0	0	0		
9	46	2 CO	0+	0	0	0		
9	46	3 UT	0+	1	0	1		
9	46	3 CO	0+	0	0	0		
9	68	1 UT	0+	14	2	16 3 Salamanders		
9	68	2 UT	0+	2	0	2 2 Salamanders		
9	68	3 UT	0+	3	0	3 1 Salamander		
9	91	1 CO	0+	3	0	3 5 Salamanders, 1 unknown tadpole		
9	91	1 UT	0+	30	1	31		
9	91	2 CO	0+	1	0	1 6 Salamanders		
9	91	2 UT	0+	19	0	19 1 Tailed frog tadpole		
9	91	3 UT	0+	8	0	8		
9	111	1 UT	0+	16	0	16		
9	111	1 CO	0+	1	0	1 1 Salamander		
9	111	1 UT	1+	1	0	1		
9	111	2 UT	0+	1	0	1		
9	111	2 CO	0+	1	0	1 1 Salamander		
9	111	3 UT	0+	1	0	1		
9	111	3 CO	0+	1	0	1 1 Salamander		

UnitNo.	Pass	start	stop	duration	watertemp
46	1	0	36		14
46	2	36	69		14
46	3	69	105		14
68	1	0	183		13
68	2	183	361		13
68	3	361	535		13
91	1	0	279		13
91	2	279	600		13
91	3	600	885		13
111	1	0	179		13
111	2	179	352		13
111	3	352	535		13

HUC Mad Redwood
Drainage Redwood Creek
Stream Little Lost Man
Reach No. 9
Crew JAI YRK

Date 9/15/2000

Reach.No	Unit.No	Hab.Code	phase1	fish	flow	Chcode	length	CumD.m	top.w.	bot.w.	max.d.	comments
9	1	DC			0	0	11.2	11.2	0.7	0.7	0.2	Intermittent at beginning of reach
9	2	RI		1 N	100	0	43.6	54.8	1.2	0.7	0.2	
9	3	SP		1 D	100	0	7.2	62	0.6	1.2	0.42	Unit in backyard
9	4	RI		2 N	100	0	23.9	85.9	0.45	0.6	0.16	
9	5	OT		N	100	0	8.5	94.4	0.75	0.45	0.35	SP but amount of wood makes diving impossible
9	6	RI		3 N	100	0	5.4	99.8	0.62	0.75	0.09	
9	7	DP		1 D	100	0	14.7	114.5	0.98	0.62	1.24	
9	8	RI		4 N	100	0	39.2	153.7	0	0.98	0.31	
9	9	DC		N	0	0	1.7	155.4	0	0	0	
9	10	SP		2 D	100	0	9.7	165.1	1.3	0.9	0.6	
9	11	DC		N	0	0	2.6	167.7	0.45	0	0	
9	12	RI		5 M	100	0	6.7	174.4	1.8	0.45	0.06	
9	13	SP		3 N	100	0	10.9	185.3	1.5	1.8	0.48	
9	14	RI		6 E	100	0	5.9	191.2	2	1.5	0.16	Left bank pocket pool
9	15	SP		4 D	100	0	27.9	219.1	1.1	2	0.72	
9	16	OT		N	100	0	13.9	233	1.1	1.1	0.39	Complex pocket pools, lots of debris
9	17	SP		5 D	100	0	17.7	250.7	1	1.1	0.83	
9	18	RI		7 N	100	0	22.3	273	1.5	1	0.35	
9	19	SP		6 D	100	0	19.7	292.7	0.5	1.5	0.5	
9	20	RI		8 N	100	0	8.8	301.5	2.1	0.5	0.4	
9	21	DP		2 D	100	0	25.6	327.1	2.3	2.1	1.15	
9	22	RI		9 N	100	0	9	336.1	2.7	2.3	0.1	
9	23	OT		N	100	0	22.5	358.6	2.5	2.7	1.04	SP under debris jam
9	24	SP		7 D	100	0	15.9	374.5	1.5	2.5	0.46	
9	25	SP		8 N	100	0	17.8	392.3	3.6	1.5	0.91	
9	26	SP		9 D	100	0	14.1	406.4	3.7	3.6	0.66	
9	27	RI		10 N	100	0	15.1	421.5	3.2	3.7	0.12	
9	28	SP		10 N	100	0	11.1	432.6	2.6	3.2	0.68	
9	29	RI		11 N	100	0	40.1	472.7	3.8	2.6	0.35	
9	30	DP		3 D	100	0	21.4	494.1	1.6	3.8	1.2	
9	31	RI		12 N	100	0	10.8	504.9	1.8	1.6	0.1	
9	32	SP		11 D	100	0	17.3	522.2	3.8	1.8	0.85	
9	33	RI		13 N	100	0	17.4	539.6	1.8	3.8	0.38	
9	34	SP		12 D	100	0	14	553.6	2.6	1.8	0.67	
9	35	RI		14 N	100	0	17.8	571.4	2.2	2.6	0.1	
9	36	SP		13 N	95	1	17.2	588.6	2.6	2.2	0.84	
9	37	RI		15 N	95	1	6.5	595.1	2.2	2.6	0.15	
9	38	SC		1 N	5	2	24.2	595.6	0	1.5	0.05	8.3 m at top of unit is DC / wetwid low RI .04m
9	39	SP		14 N	100	0	26.4	621.5	2.4	2.2	0.58	
9	40	SP		15 D	100	0	22.3	643.8	2	2.4	0.48	
9	41	RI		16 N	100	0	9.6	653.4	3.6	2	0.1	
9	42	OT		N	100	0	14.7	668.1	1.3	3.6	0.4	log jam inhibiting diving or e-fishing
9	43	RI		17 N	100	0	73.7	741.8	3.8	1.3	0.29	under bridge, many pocket pools

9	44 SP	16 N	100	0	13.4	755.2	3.9	3.8	0.45	
9	45 SP	17 D	65	1	6.9	762.1	1.1	3.9	0.6	
9	46 RI	18 E	65	1	11.2	773.3	2.6	1.1	0.1	
9	47 SC	2 N	5	2	19.3	774.5	0	2.5	0.3	Ends in DC, includes pools
9	48 SP	18 D	100	0	27.1	800.4	2.5	2.6	0.9	
9	49 RI	19 N	100	0	52	852.4	2.5	2.5	0.45	POCKET POOLS
9	50 SP	19 D	100	0	12.6	865	1.2	2.5	0.6	
9	51 SP	20 D	100	0	5.8	870.8	1.6	1.2	0.7	
9	52 RI	20 N	100	0	3.8	874.6	2.2	1.6	0.1	
9	53 SP	21 D	100	0	8.1	882.7	1.8	2.2	0.8	
9	54 RI	21 N	100	0	36.5	919.2	5	1.8	0.2	
9	55 SP	22 D	100	0	25.2	944.4	2.7	5	0.7	
9	56 RI	22 N	100	0	60.6	1005	2.6	2.7	0.5	Nice pocket pools
9	57 RI	23 N	100	0	19.2	1024.2	3.1	2.6	0.3	undivable shallow pools
9	58 SP	23 D	100	0	10.4	1034.6	1.6	3.1	0.5	
9	59 RI	24 N	100	0	50	1084.6	1.2	1.6	0.3	Stream gradient increases. Dry braided channel.
9	60 SP	24 D	100	0	9.6	1094.2	1.1	1.2	0.45	
9	61 RI	25 N	100	0	45.2	1139.4	3.8	1.1	0.35	
9	62 RI	26 N	100	0	32.9	1172.3	2.9	3.8	0.6	No wood, pocket pools
9	63 SP	25 N	100	0	7.6	1179.9	3.2	2.9	0.7	
9	64 RI	27 N	100	0	42.8	1222.7	3.5	3.2	0.3	
9	65 RI	28 N	60	1	8.8	1231.5	3.7	1.2	0.1	
9	66 RI	29 N	40	2	4	1226.7	2.3	1.3	0.1	
9	67 SP	26 D	100	0	26.9	1258.4	1.4	2.3	0.8	
9	68 RI	30 E	100	0	26.5	1284.9	5.2	1.4	0.2	
9	69 RI	31 N	100	0	27.4	1312.3	5.9	5.2	0.5	undivable shallow pool
9	70 SP	27 D	100	0	12.8	1325.1	3.8	5.9	0.75	
9	71 RI	32 N	100	0	22.1	1347.2	2.9	3.8	0.25	
9	72 RI	33 N	60	1	26.8	1374	1.5	1.6	0.5	Nice pocket pool
9	73 SC	3 N	40	2	33.5	1380.7	0	1.3	0.3	Ends in DC
9	74 SP	28 D	100	0	20.6	1394.6	1.1	1.5	0.6	
9	75 RI	34 N	100	0	34.3	1428.9	1.3	1.1	0.55	
9	76 RI	35 N	100	0	32.6	1461.5	2.9	1.3	0.3	
9	77 RI	36 N	90	1	16.6	1478.1	1.2	2.9	0.4	
9	78 SC	4 N	10	2	13.9	1475.4	1.6	2.9	0.3	
9	79 SP	29 D	100	0	4.3	1482.4	1.8	2.8	0.7	
9	80 CT	N	100	0	6.4	1488.8	1.2	1.8	N/A	Channel subsurface
9	81 RI	37 N	100	0	48.9	1537.7	0.7	1.2	0.3	
9	82 CT	N	100	0	6.6	1544.3	1.5	0.7	0.5	Water flows under mass of debris
9	83 RI	38 N	100	0	61	1605.3	3.4	1.5	0.3	
9	84 SP	30 N	100	0	15.9	1621.2	1.4	3.4	0.65	
9	85 RI	39 N	100	0	41.9	1663.1	2.9	1.4	0.38	
9	86 SP	31 N	100	0	12.6	1675.7	0.9	2.9	0.5	
9	87 RI	40 N	100	0	13.5	1689.2	2.4	0.9	0.35	

9	88 SP	32 D	100	0	9.4	1698.6	2.8	2.4	0.65	0.1 End survey at ribbon that is not FSP
9	89 RI	41 N	100	0	11.6	1710.2	2.2	2.8	0.1	
9	90 SP	33 N	100	0	11.3	1721.5	3.2	2.2	0.65	0.65
9	91 RI	42 E	100	0	43.8	1765.3	1.3	3.2	0.28	
9	92 SP	34 D	100	0	5.1	1770.4	1.5	1.3	0.55	Plunge pool
9	93 RI	43 N	60	1	7	1777.4	1.7	1.5	0.4	
9	94 RI	44 N	40	2	4.4	1774.8	1.1	0.8	0.15	0.15
9	95 SP	35 N	100	0	15	1792.4	2.3	2.8	0.48	
9	96 RI	45 N	100	0	60.2	1852.6	2.5	2.3	0.28	0.28
9	97 RI	46 N	100	0	39.7	1892.3	2.1	2.5	0.28	
9	98 RI	47 N	70	1	11	1903.3	1.9	2.1	0.35	0.35
9	99 RI	48 N	30	2	6	1898.3	1	1.9	0.22	
9	100 SP	36 N	30	2	8.6	1906.9	0.9	1	0.55	Probable coho observed
9	101 RI	49 N	100	0	14.4	1917.7	5	1.9	0.18	
9	102 SP	37 D	100	0	12.9	1930.6	1.9	5	0.64	0.64
9	103 RI	50 N	100	0	5	1935.6	3.9	1.9	0.15	
9	104 SP	38 N	100	0	12.5	1948.1	0.6	3.9	0.5	0.5
9	105 RI	51 N	100	0	40.9	1989	3.9	0.6	0.3	
9	106 OT	N	100	0	12.6	2001.6	5.2	3.9	1.1	large debris accumulation
9	107 RI	52 N	100	0	15.8	2017.4	4.3	5.2	0.2	
9	108 SP	39 N	100	0	6.7	2024.1	0.9	4.3	0.75	0.75
9	109 RI	53 N	100	0	14.4	2038.5	2	0.9	0.15	
9	110 SP	40 D	100	0	17.6	2056.1	2.7	2	0.75	0.75
9	111 RI	54 E	100	0	20.2	2076.3	4.2	2.7	0.3	
9	112 SP	41 D	100	0	10.2	2086.5	0.9	4.2	0.55	0.55
9	113 RI	55 N	100	0	57.4	2143.9	2.5	0.9	0.5	

No more fish. High gradient boulder strewn gulch, constrained channel.
 Contains a few nice pocket pools w/out fish.
 Channel becomes narrower bedrock constrained in spots
 creating step plunge pools (.1m deep), still no fish.)

HUC Drainage Stream Date Recorder Efisher Netters AdditionalCrew
Mad-Redwood Elk Little SFEIk 9/12-9/13/00 Yarrow King Josh Boyce J.I., Y.K., D.M., M.F.

REACHNO.	UNITNO.	EPASSNO.	SPECCODE	AGECLASS	LIVECOUNT	MORTCOUNT	FISHCOUNT	COMMENTS
132	001	1	CO	O+	2	0	2	no comment
132	001	2	CO	O+	2	0	2	no comment
132	001	3	CO	O+	2	0	2	no comment
132	002	1	CO	O+	0	0	0	no comment
132	002	2	CO	O+	0	0	0	no comment
132	002	3	CO	O+	0	0	0	no comment

UnitNo.	Pass	start	stop	duration	watertemp
001	1	925	1077	152	13
001	2	1077	1228	151	
001	3	1228	1423	195	
002	1	0	295	295	14
002	2	295	548	253	
002	3	548	840	292	

HUC	Drainage	Date	Stream	Reach	Crew
Mad-Redwood	Elk	9/11/2000	Little SF Elk	132	JAI
					Yarrow King

Reach.No	Unit.No	Hab.Code	phaser	fish?	flow	Chcode	length	CumD.m	top.w.	bot.w.	max.d.	comments
132	1	RI		E	100	0	24	24	0.6	1.7	0.71	rifle and shallow pool
132	2	RI		E	100	0	32	56	1.4	0.9	1.05	o.b.s. 12inch cutthroat (ri-sp)

HUC	Drainage	Stream	Date	Recorder	Efisher	Netters	AdditionalCrew
Mad-Redwood	Little River	Little River (low1)	9/26/2000	RWA	RWA	DBP RBF	

REACHNO.	UNITNO.	EPASSNO.	SPECCODE	AGECLASS	LIVECOUNT	MORTCOUNT	FISHCOUNT	COMMENTS
38	21-1		1 SH	0+	26		0	26 1 Sculpin
38	55		1 SH	0+	6		0	6 1 Lamprey, 1 Diacamp., 1 Sculpin

UnitNo.	Pass	start	stop	duration	watertemp
21-1	1			670	
55	1			512	

HUC	Drainage	Stream	Reach	Divers	Date
Mad-Redwood	Little River	Little River (Low1)	38	DBP RWA RBF	9/22/00 AND 9/25/00

Reach. No.	Unit. No.	Diver	Species	age	DIVE1	DURATION1	Vis	Phase2	Efish	DIVE2	DURATION2	DIVE3	DURATION3	DIVE4	DURATION4	Comments
38	2 RBF				0		P									No Fish
38	3 RWA	SH		1+	1		P		N	1		0		1		
38	5 RBF	SH		1+	1		P		N							
38	9 RBF	SH		1+	1		G		N	1		1		1		
38	10 RWA	SH		1+	5		G		N	4		5		4		
38	12 DBP	SH		1+	9		G		N	13		13		10		
38	12 DBP	CT		1+	2		G		N	1		2		2		
38	14 RWA	CO		0+	1		G		N							
38	16 RBF	CO		0+	2		G		N	2		1		2		
38	16 RBF	SH		1+	24		G		N	26		23		25		
38	16 RBF	CT		1+	2		G		N	4		2		3		
38	15 RWA				0		G		N							No Fish
38	19 DBP	SH		1+	12		G		N	13		13		14		
38	19 DBP	CT		1+	2		G		N	3		3		3		
38	22 RWA	SH		1+	1		G		N							
38	24 RBF	CO		0+	52		G		N	54		43		34		
38	24 RBF	SH		1+	27		G		N	36		18		17		
38	24 RBF	CT		1+	18		G		N	27		10		15		
38	25 RWA	CO		0+	7		G		N	5		4		5		
38	28 RBF	CO		0+	12		G		N	9		19		10		
38	31 DBP	CO		0+	2		G		N							
38	31 DBP	SH		1+	14		G		N							
38	31 DBP	CT		1+	1		G		N							
38	32 DBP				0		G		N							No Fish
38	33 DBP	CO		0+	12		G		N	18		14		15		
38	33 DBP	SH		1+	18		G		N	26		24		23		
38	33 DBP	CT		1+	2		G		N	3		2		2		
38	35 RWA	CO		0+	0		G		N	0		1		0		
38	35 RWA	SH		1+	7		G		N	8		8		7		
38	37 RBF	CO		0+	1		G		N	2		1		1		
38	37 RBF	SH		1+	7		G		N	6		7		5		
38	39 RBF	CO		0+	3		G		N							
38	39 RBF	SH		1+	9		G		N							
38	39 RBF	CT		1+	1		G		N							
38	41 RBF	CO		0+	29		G		N	31		28		29		
38	41 RBF	SH		1+	11		G		N	14		9		11		
38	41 RBF	CT		1+	3		G		N	3		4		3		
38	46 RWA	SH		1+	2		G		N							

Reach. No.	Unit. No.	Diver	Species	age	DIVE1	DURATION1	Vis	Phase2	Efish	DIVE2	DURATION2	DIVE3	DURATION3	DIVE4	DURATION4	Comments
38	48	DBP	CO	0+	1		G		N							
38	48	DBP	SH	1+	15		G		N							
38	52	RWA	CO	0+	2		G		N	3		3		2		
38	52	RWA	SH	1+	5		G		N	7		5		6		
38	53	DBP	CO	0+	1		G		N	4		5		5		
38	53	DBP	SH	1+	10		G		N	10		12		14		
38	53	DBP	CT	1+	0		G		N	0		1		1		
38	54	RBF	CO	0+	26		G		N	34		28		30		
38	54	RBF	SH	1+	14		G		N	16		13		12		
38	54	RBF	CT	1+	5		G		N	4		4		3		
38	57	RWA	CO	0+	3		G		N	4		3		3		
38	58	RWA	SH	1+	4		G		N							
38	60	RBF	CO	0+	6		G		N	5		6		6		
38	60	RBF	SH	1+	2		G		N	2		2		2		
38	61	DBP	CO	0+	14		G		N	22		30		29		
38	61	DBP	SH	1+	2		G		N	3		1		1		
38	64	RWA			0		G		N							No Fish
38	65	RWA			0		G		N							No Fish
38	66	RBF	SH	1+	7		G		N	8		8		9		
38	69	RBF	CO	0+	2		G		N	2		2		2		
38	69	RBF	SH	1+	8		G		N	9		8		8		
38	72	RBF	CO	0+	9		G		N	10		9		9		
38	72	RBF	SH	1+	14		G		N	16		17		16		
38	72	RBF	CT	1+	2		G		N	2		2		2		
38	75	DBP	CO	0+	2		G		N	4		2		3		
38	75	DBP	SH	1+	2		G		N	3		1		1		

Drainage Date Stream Reach Crew
Med Redwood Little River 9/13/2000 Little River (LR Carson to Railroad) 38 MHF
CLD

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	CumD,m	top.w.	bot.w.	max.d.	comments
38	1	RI		N	55	1	11.89	11.89	2.44	1.52	0.15	
38	2	SP		1 D	45	2	12.20	12.20	1.52	3.05	0.67	
38	3	DP		D	100	0	73.17	85.06	6.71	3.05	1.62	
38	4	RI		N	100	0	31.40	116.46	5.49	6.71	0.24	
38	5	RU		1 D	100	0	37.80	154.27	6.71	5.49	0.37	
38	6	OT		N	100	0	14.02	168.29	3.66	6.71	0.64	
38	7	RU		2 N	100	0	14.63	182.93	3.05	3.66	0.67	
38	8	OT		100	100	0	46.95	229.88	5.49	3.05	1.04	Ch. Bank failure on LB. Trees in pool
38	9	SP		2 D	100	0	23.17	253.05	4.57	5.49	0.82	
38	10	SP		3 D	100	0	39.02	292.07	3.05	4.57	0.82	
38	11	RI		N	100	0	10.06	302.13	3.05	3.05	0.18	
38	12	DP		D	100	0	34.76	336.89	3.05	4.88	1.83	
38	13	RI		N	100	0	14.94	351.83	4.88	4.88	0.12	
38	14	RU		3 D	100	0	28.05	379.88	5.49	5.49	0.37	
38	15	RU		4 D	100	0	7.62	387.50	3.66	5.49	0.30	
38	16	DP		D	100	0	15.24	402.74	5.49	4.57	1.07	
38	17	RI		N	100	0	27.74	430.49	4.57	6.10	0.15	
38	18	SP		4 N	100	0	24.70	455.18	4.57	4.57	0.85	
38	19	DP		D	100	0	36.28	491.46	2.13	4.57	1.01	19-1 ON FLAG
38	20	RU		5 N	100	0	70.43	561.89	4.57	2.13	0.37	
38	21	RI		E	100	0	17.07	578.96	4.57	3.05	0.27	
38	22	SP		5 D	100	0	8.84	587.80	5.49	3.05	0.55	
38	23	RI		N	100	0	4.88	592.68	6.10	5.49	0.15	
38	24	DP		D	100	0	116.16	708.84	12.20	15.24	1.92	
38	25	DP		D	100	0	41.16	750.00	2.44	12.20	1.04	
38	26	OT		100	100	0	14.63	764.63	4.57	2.44	0.46	Trees in water
38	27	RI		N	100	0	21.95	786.59	3.05	4.57	0.46	
38	28	DP		D	100	0	92.68	879.27	4.27	3.05	1.55	
38	29	RI		N	100	0	23.48	902.74	3.05	4.27	0.30	
38	30	SP		6 N	100	0	17.68	920.43	4.57	3.05	0.40	
38	31	SP		7 D	100	0	48.17	968.60	4.57	4.57	0.67	
38	32	RU		6 D	100	0	5.18	973.78	2.44	4.57	0.34	
38	33	DP		D	100	0	54.27	1028.05	8.54	2.44	1.28	
38	34	RI		N	100	0	18.60	1046.65	5.49	8.54	0.27	
38	35	DP		D	100	0	68.29	1114.94	5.49	4.88	1.46	
38	36	RI		N	100	0	4.88	1119.82	7.62	5.49	0.21	
38	37	SP		8 D	100	0	33.54	1153.35	6.10	7.62	0.55	
38	38	RI		N	100	0	7.01	1160.37	4.57	6.10	0.24	
38	39	SP		9 D	100	0	33.54	1193.90	3.05	3.05	0.91	
38	40	RI		N	100	0	38.41	1232.32	6.71	3.05	0.30	
38	41	DP		D	100	0	82.32	1314.63	6.10	6.71	2.44	
38	42	SP		10 N	100	0	18.60	1333.23	4.57	6.10	0.82	

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	CumDm	top.w.	bot.w.	max.d.	0.95 Sm.	Backwater pool at top of cas	comments
38	43	OT			100	0	12.20	1345.43	3.05	4.57	0.76			
38	44	SP			100	0	18.60	1364.02	3.05	3.05	0.76			
38	45	RI	11 N		100	0	44.21	1408.23	9.15	3.05	0.27			
38	46	RU	7 D		100	0	43.90	1452.13	4.27	9.15	0.27			
38	47	RI			100	0	9.15	1461.28	7.62	4.27	0.27			
38	48	SP	12 D		100	0	46.65	1507.93	1.83	7.62	0.61			
38	49	RI				1	6.71	1514.63	6.10	2.44	0.12			
38	50	SP	13 N		100	0	21.34	1535.98	9.15	6.10	0.98			
38	51	RI				2	6.10	1514.02	2.13	1.83	0.30			
38	52	DP	D		100	0	37.50	1573.48	9.45	2.13	1.19			
38	53	DP	D		100	0	48.78	1622.26	7.01	9.45	1.07			
38	54	DP	D		100	0	44.82	1667.07	7.62	7.01	1.01			
38	55	RI	E		100	0	16.77	1683.84	7.62	7.62	0.27			
38	56	RI	N		100	0	14.33	1698.17	8.23	7.62	0.24			
38	57	DP	D		100	0	52.44	1750.61	5.18	8.23	1.07			
38	58	SP	14 D		100	0	10.67	1761.28	5.49	5.18	0.79			
38	59	RI			100	0	9.76	1771.04	6.71	5.49	0.34			
38	60	DP	D		100	0	18.90	1789.94	2.44	6.71	1.22			
38	61	DP	D		100	0	21.34	1811.28	2.44	7.62	1.52			
38	62	SP	15 N		100	0	41.77	1853.05	7.01	2.44	0.61			
38	63	RI			100	0	17.07	1870.12	7.01	7.62	0.21			
38	64	SP	16 D		100	0	17.38	1887.50	7.62	7.62	0.61			
38	65	SP	17 D		100	0	25.30	1912.80	4.57	7.62	0.43			
38	66	DP	D		100	0	32.62	1945.43	1.52	4.57	1.22			
38	67	SP	18 N		100	0	45.73	1991.16	9.45	1.52	0.70			
38	68	RI			100	0	42.99	2034.15	9.15	9.45	0.55			
38	69	DP	D		100	0	119.21	2153.35	4.88	9.15	1.19			
38	70	SP	19 N		100	0	18.60	2171.95	3.66	4.88	0.64			
38	71	RU	8 N		100	0	15.55	2187.50	3.66	3.66	0.49			
38	72	DP	D		100	0	50.30	2237.80	2.44	3.66	2.13			
38	73	OT			100	0	37.20	2275.00	3.05	2.44	1.07			
38	74	RI			100	0	15.55	2290.55	8.54	3.05	0.27			
38	75	SP	20 D		100	0	33.54	2324.09	10.06	8.54	0.76	At mouth of Railroad creek.		

HUC	Drainage	Stream	Reach	Divers	Date
Mad-Redwood	Little River	Little River	43	DBP RWA RBF	9/11/2000

Reach.No.	Unit.No.	Diver	Species	age	DIVE1	DURATION1	Vis	Phase2	Efish	DIVE2	DURATION2	DIVE3	DURATION3	DIVE4	DURATION4	Comments
43	1	RWA			0		E		N							No Fish
43	2	RBF	SH	1+	3		E		N	3		4		3		
43	5	DBP	SH	1+	0		E		N	1		1		2		
43	7	RWA	SH	1+	2		E		N	2		2		2		
43	8	DBP	SH	1+	4		E		N							
43	14	DBP	SH	1+	5		E		N	4		4		5		
43	16	RWA	SH	1+	4		E		N	2		2		2		
43	17	RBF	SH	1+	3		E		N							
43	19	DBP	SH	1+	5		E		N							
43	20	RBF			0		E		N	0		0		0		No fish
43	24	RWA	SH	1+	1		E		N	1		1		1		
43	28	DBP	SH	1+	10		E		N	8		10		8		
43	29	RBF	SH	1+	6		E		N							
43	31	RWA	SH	1+	8		R		N	8		7		8		
43	33	RBF	SH	1+	4		E		N	4		4		4		
43	36	RWA	SH	1+	3		E		N	3		3		3		
43	38	RBF	SH	1+	2		E		N	3		3		3		
43	40	DBP	SH	1+	7		E		N							
43	42	RWA	SH	1+	4		E		N							
43	44	DBP	SH	1+	4		E		N							
43	45	RWA	SH	1+	5		E		N	5		5		5		
43	47	RBF	SH	1+	4		E		N							
43	50	DBP	SH	1+	3		E		N							
43	52	RBF	SH	1+	2		E		N	2		2		2		
43	53	DBP	SH	1+	16		E		N	14		17		14		
43	54	RWA	SH	1+	4		E		N							
43	56	RWA	SH	1+	1		E		N							
43	57	RWA	SH	1+	8		E		N							
43	58	RWA	SH	1+	2		E		N							
43	67	DBP	SH	1+	8		E		N							
43	67	DBP	CT	1+	1		E		N							
43	66	RWA	SH	1+	4		E		N	3		4		4		
43	71	RBF	SH	1+	4		E		N	4		4		4		
43	73	RBF	SH	1+	3		E		N							
43	76	RWA	SH	1+	1		E		N							
43	78	RBF			0		E		N	0		0		0		No Fish
43	79	DBP	SH	1+	14		E		N	10		12		14		
43	80	RBF	SH	1+	5		E		N							

Reach. No.	Unit. No.	Diver	Species	age	DIVE1	DURATION1	Vis	Phase2	Efish	DIVE2	DURATION2	DIVE3	DURATION3	DIVE4	DURATION4	Comments
43	81	RWA	SH	1+	2		E		N	1		2		2		
43	83	RBF			0		E		N							No Fish
43	84	DBP	SH	1+	6		E		N	6		4		7		
43	86	RBF	SH	1+	1		E		N							
43	88	RWA			0		E		N							
43	90	RBF	SH	1+	5		E		N	6		5		5		
43	93	DBP	SH	1+	4		E		N							
43	96	RWA	SH	1+	2		E		N	2		2		2		
43	98	RBF			0		E		N							
43	100	RBF	SH	1+	2		E		N							
43	101	RWA	SH	1+	5		E		N							
43	104	DBP	SH	1+	3		E		N	2		2		2		
43	107	RBF			0		E		N							
43	109	RWA	SH	1+	2		E		N	2		3		3		
43	111	DBP	SH	1+	2		E		N							
43	114	RBF	SH	1+	1		E		N							
43	115	DBP	SH	1+	1		E		N							
43	117	RWA	SH	1+	0		E		N	1	5	0	5	0	5	
43	120	RWA	SH	1+	1		E		N							
43	120	RWA	CT	1+	1		E		N							
43	123	RBF	SH	1+	2		E		N	2	2	2	2	2	2	
43	129	DBP	SH	1+	7		E		N	7	5	8	5	5	5	
43	131	RBF	SH	1+	7		E		N	6	7	6	7	7	7	
43	131	RBF	CT	1+	1		E		N	0	7	1	7	0	7	
43	135	RWA					E		N							
43	136	RWA	SH	1+	3		E		N							
43	139	RWA	SH	1+	1		E		N	0	3	0	3	1	3	
43	140	DBP	SH	1+	3		E		N	5	5	4	5	4	5	
43	141	RBF	SH	1+	7		E		N	5	1	5	1	6	1	

HUC	Drainage	Date	Stream	Reach	Crew
Mad-Redwood	Little River	9/8/2000	Little River	43	MHF CLD

Reach.No	Unit.No	Hab.Code	phases	fish?	flow	Chcode	length	CumD.m	top.w.	bot.w.	max.d.	comments
43	1	SP	1	D	100	0	19.82	19.82	6.40	4.57	0.24	Just above C-line Creek mouth
43	2	DP	1	D	100	0	47.87	67.68	5.49	6.40	1.07	
43	3	RI	N		100	0	10.06	77.74	4.27	5.49	0.21	
43	4	SP	2	N	100	0	58.84	136.59	3.05	4.27	0.98	
43	5	SP	3	D	100	0	8.54	145.12	2.44	3.05	0.52	
43	6	SP	4	N	100	0	11.59	156.71	2.44	2.44	0.58	
43	7	SP	5	D	100	0	17.68	174.39	2.44	2.44	0.73	
43	8	SP	6	D	100	0	14.63	189.02	5.79	2.44	0.55	
43	9	RI	E		100	0	11.59	200.61	3.66	5.79	0.37	
43	10	SP	7	N	100	0	32.62	233.23	2.74	3.66	0.73	
43	11	RI	N		100	0	54.27	287.50	3.96	2.74	0.73	
43	12	SP	8	N	100	0	12.20	299.70	2.44	3.96	0.61	
43	13	OT	N		100	0	6.10	305.79	3.66	2.44	0.40	CASCADE
43	14	SP	9	D	100	0	14.63	320.43	2.13	3.66	0.70	
43	15	RI	N		100	0	12.80	333.23	5.49	2.13	0.27	
43	16	SP	10	D	100	0	16.46	349.70	7.32	5.49	0.49	
43	17	SP	11	D	100	0	26.52	376.22	4.57	7.32	0.76	
43	18	RI	N		100	0	14.63	390.85	9.15	4.57	0.37	
43	19	SP	12	D	100	0	4.27	395.12	9.15	9.15	0.52	
43	20	SP	13	D	100	0	5.79	400.91	6.10	9.15	0.43	
43	21	SP	14	N	100	0	15.85	416.77	5.49	6.10	0.76	
43	22	OT	15	N	100	0	3.66	420.43	3.66	5.49	0.24	CASCADE
43	23	SP	1	D	100	0	10.06	430.49	3.66	3.66	0.49	
43	24	RU	N		100	0	7.01	437.50	6.10	3.66	0.40	
43	25	RI	N		100	0	40.55	478.05	6.71	6.10	0.24	
43	26	SP	16	N	100	0	14.63	492.68	4.88	6.71	0.40	
43	27	RI	N		100	0	6.40	499.09	3.66	4.88	0.27	
43	28	DP	2	D	100	0	16.46	515.55	3.05	3.66	1.46	
43	29	SP	17	D	100	0	20.43	535.98	5.18	3.05	0.82	
43	30	OT	N		100	0	7.62	543.60	7.93	5.18	0.37	CASCADE
43	31	SP	18	D	100	0	6.10	549.70	2.13	7.93	0.88	
43	32	OT	N		100	0	11.28	560.98	7.01	2.13	0.67	CASCADE
43	33	DP	3	D	100	0	7.93	568.90	1.83	7.01	1.28	
43	34	SP	19	N	100	0	4.88	573.78	6.10	1.83	0.46	
43	35	OT	N		100	0	17.68	591.46	3.66	6.10	0.67	CASCADE
43	36	SP	20	D	100	0	5.49	596.95	3.66	3.66	0.58	
43	37	OT	N		100	0	7.32	604.27	3.05	3.66	0.30	CASCADE
43	38	SP	21	D	100	0	7.93	612.20	3.66	3.05	0.95	

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	CumD.m	top.w.	bot.w.	max.d.	comments
43	39 OT				100	0	6.71	618.90	5.18	3.66	0.37	CASCADE
43	40 SP		22 D		100	0	7.62	626.52	4.57	5.18	0.55	
43	41 RI		N		100	0	8.23	634.76	6.10	4.57	0.30	
43	42 SP		23 D		100	0	19.51	654.27	3.66	6.10	0.91	
43	43 SP		24 N		100	0	21.34	675.61	3.66	3.66	0.64	
43	44 RU		2 D		100	0	7.32	682.93	4.88	3.66	0.46	
43	45 DP		4 D		100	0	8.84	691.77	5.49	4.88	1.13	
43	46 OT		N		100	0	12.20	703.96	3.66	5.49	0.70	CASCADE
43	47 SP		25 D		100	0	9.76	713.72	3.05	3.66	0.95	
43	48 RI		N		100	0	41.16	754.88	4.27	3.05	0.34	
43	49 RI		N		100	0	11.28	766.16	6.10	4.27	0.34	
43	50 SP		26 D		100	0	6.10	772.26	6.10	6.10	0.46	
43	51 SP		27 N		100	0	12.80	785.06	5.18	6.10	0.61	
43	52 SP		28 D		100	0	6.10	791.16	5.49	5.18	0.67	
43	53 DP		D		100	0	20.43	811.59	2.44	5.49	0.95	At top of 53, 7'drop from surface of water to surface of water
43	54 SP		29 D		100	0	5.49	817.07	2.44	2.44	0.76	
43	55 OT				100	0	4.57	821.65	2.44	2.44	0.76	Too dangerous to dive-water flowing under large boulder
43	56 SP		30 D		100	0	4.88	826.52	3.05	2.44	0.82	
43	57 SP		31 D		100	0	7.93	834.45	3.66	3.05	0.76	
43	58 SP		32 D		100	0	5.49	839.94	3.05	3.66	0.58	
43	59 OT		N		100	0	9.76	849.70	2.74	3.05	0.34	CASCADE
43	60 RU		3 N		100	0	10.37	860.06	5.49	2.74	0.37	
43	61 RI		N		100	0	13.41	873.48	3.66	5.49	0.30	
43	62 SP		33 N		100	0	8.54	882.01	7.01	3.66	0.79	
43	63 SP		34 N		100	0	8.23	890.24	7.62	7.01	0.34	
43	64 RU		4 N		100	0	15.55	905.79	7.62	7.62	0.24	
43	65 RI		N		100	0	11.59	917.38	3.05	7.62	0.34	
43	66 DP		D		100	0	9.76	927.13	6.71	3.05	1.04	
43	67 SP		35 D		100	0	14.63	941.77	4.27	6.71	0.70	
43	68 RI		N		100	0	13.72	955.49	8.54	4.27	0.49	
43	69 RU		5 N		100	0	21.34	976.83	5.49	8.54	0.49	
43	70 OT		N		100	0	8.54	985.37	5.49	5.49	0.27	CASCADE
43	71 DP		D		100	0	7.01	992.38	3.05	5.49	1.01	
43	72 SP		36 N		100	0	10.37	1002.74	4.57	3.05	0.64	
43	73 SP		37 D		100	0	4.88	1007.62	3.05	4.57	0.64	
43	74 SP		38 N		100	0	15.24	1022.87	3.05	3.05	0.58	
43	75 RI		E		80	1	5.49	1028.35	4.57	4.27		main channel at 80% flow.
43	76 SP		39 D		20	2	6.40	1029.27	1.52	1.83	0.61	side channel only 20%flow

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	CumDm	top.w.	bot.w.	max.d.	comments
43	77 RI			N	20	2	5.49	1034.76	2.13	1.52	0.12	SAME SIDE CHANNEL
43	78 RU			6 D	100	0	14.02	1042.38	4.88	4.88	0.27	
43	79 DP			D	100	0	33.84	1076.22	5.18	4.88	1.13	
43	80 SP			40 D	100	0	32.32	1108.54	5.18	5.18	0.88	
43	81 SP			41 D	100	0	20.12	1128.66	3.66	5.18	0.49	
43	82 RI			N	100	0	21.95	1150.61	5.49	3.66	0.27	
43	83 SP			42 D	100	0	10.98	1161.59	3.66	5.49	0.79	
43	84 DP			D	100	0	22.26	1183.84	3.05	3.66	1.22	
43	85 RI			N	50	1	15.55	1199.39	4.57	3.05	0.43	
43	86 SP			43 D	50	2	10.67	1194.51	2.44	3.05	0.82	
43	87 RI			N	50	2	5.49	1200.00	6.10	2.44	0.27	On river right
43	88 SP			44 D	90	1	18.90	1218.29	2.13	10.67	0.64	
43	89 SP			45 N	10	2	14.63	1214.02	7.32	3.05	0.40	
43	90 SP			46 D	90	1	19.21	1237.50	2.44	7.32	9.76	
43	91 RI			N	100	0	16.46	1253.96	8.54	2.44	0.40	
43	92 SP			47 N	100	0	14.33	1268.29	4.57	8.54	0.64	
43	93 SP			48 D	100	0	15.24	1283.54	3.66	4.57	0.37	
43	94 RI			N	100	0	17.38	1300.91	4.57	3.66	0.37	
43	95 SP			49 N	100	0	6.10	1307.01	6.71	4.57	0.52	
43	96 DP			D	100	0	8.54	1315.55	3.05	6.71	1.01	CASC
43	97 RI			N	100	0	6.10	1321.65	6.10	3.05	0.30	
43	98 SP			50 D	100	0	7.01	1328.66	9.15	6.10	0.43	
43	99 RI			N	100	0	10.67	1339.33	7.62	9.15	0.58	
43	100 SP			51 D	100	0	16.77	1356.10	5.49	7.62	0.58	
43	101 SP			52 D	100	0	13.72	1369.82	3.05	5.49	0.82	
43	102 OT			N	100	0	7.62	1377.44	3.05	3.05	0.30	
43	103 SP			53 N	100	0	7.93	1385.37	4.27	3.05	0.79	
43	104 RU			7 D	100	0	6.10	1391.46	2.44	4.27	0.37	
43	105 OT			N	100	0	6.40	1397.87	3.66	2.44	0.46	CASC
43	106 RI			N	100	0	9.76	1407.62	3.05	3.66	0.43	at 2nd trib on river right
43	107 SP			54 D	100	0	6.10	1413.72	3.66	3.05	0.73	
43	108 SP			55 N	100	0	10.67	1424.39	3.05	3.66	0.61	
43	109 SP			56 D	100	0	8.23	1432.62	3.66	3.05	0.55	
43	110 RI			N	100	0	5.18	1437.80	5.49	3.66	0.15	
43	111 RU			8 D	100	0	13.72	1451.52	2.44	5.49	0.49	
43	112 RU			9 N	100	0	11.28	1462.80	2.44	2.44	0.58	
43	113 RI			N	100	0	8.23	1471.04	4.57	2.44	0.40	
43	114 RU			10 D	100	0	9.45	1480.49	4.57	4.57	0.30	

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	CumD.m	top.w.	bot.w.	max.d.	comments
43	115 SP		57 D		100	0	5.18	1485.67	2.44	4.57	0.30	
43	116 SP		58 N		100	0	7.01	1492.68	1.52	2.44	0.67	
43	117 DP		D		100	0	9.15	1501.83	5.49	1.52	1.01	
43	118 RI		N		70	1	20.43	1522.26	4.27	5.49	0.61	
43	119 OT		N		70	1	10.37	1532.62	1.83	4.27	0.52	LWD
43	120 SP		59 D		70	1	13.11	1545.73	2.44	1.83	0.82	
43	121 OT		N		30	2	7.01	1508.84	1.83	2.44	0.18	CASC
43	122 OT		N		30	2	12.20	1521.04	1.22	1.83	0.98	Pool covered w/ LWD
43	123 DP		D		30	2	11.28	1532.32	1.52	1.22	1.13	
43	124 OT		N		30	2	10.98	1543.29	1.83	1.52	0.61	LOTS OF BOULDERS
43	125 OT		N		100	0	10.06	1555.79	3.96	3.66	0.67	LOTS OF BOULDERS AND LWD
43	126 RI		N		100	0	15.85	1571.65	3.05	3.66	0.58	
43	127 RI		E		100	0	7.01	1578.66	3.05	3.05	0.24	
43	128 SP		60 N		100	0	6.10	1584.76	3.35	3.05	0.37	
43	129 DP		D		100	0	21.95	1606.71	2.74	3.35	1.16	
43	130 RI		N		100	0	7.01	1613.72	3.05	2.74	0.24	
43	131 DP		D		100	0	33.54	1647.26	3.66	3.05	1.46	
43	132 RI		N		100	0	21.95	1669.21	4.27	3.66	0.34	
43	133 SP		61 N		100	0	16.46	1685.67	4.88	4.27	0.52	
43	134 SP		62 N		100	0	22.56	1708.23	1.52	4.88	0.55	
43	135 RU		10 D		100	0	9.15	1717.38	3.66	1.52	0.34	
43	136 SP		63 D		100	0	6.10	1723.48	4.57	3.66	0.67	
43	137 RI		N		100	0	13.72	1737.20	2.13	4.57	0.43	
43	138 SP		64 N		100	0	5.49	1742.68	4.27	2.13	0.58	
43	139 SP		65 D		100	0	15.85	1758.54	3.96	4.27	0.76	
43	140 DP		D		100	0	14.63	1773.17	3.66	3.96	1.04	
43	141 OT		N		100	0	21.34	1794.51	7.32	3.66	0.43	CASC. Where 3rd trib enters but is now dry
43	142 RU		11 N		100	0	17.99	1812.50	4.88	7.32	0.43	
43	143 SP		66 N		100	0	18.60	1831.10	2.13	4.88	0.64	
43	144 OT		N		100	0	12.80	1843.90	2.74	2.13	0.49	CASC.
43	145 DP		Y		100	0	18.29	1862.20	4.57	2.74	1.04	
43	146 OT		N		100	0	4.27	1866.46	3.05	4.57	0.34	CASC.

HUC	Drainage Stream	Date	Recorder	Efisher	Netters	AdditionalCrew
Mad-Redwood	LSFLittle River	9/18/2000	CLD MHF	BDM RBF	CLD RWA BDM	

REACHNO.	UNITNO.	EPASSNO.	SPECCODE	AGECLASS	LIVECOUNT	MORTCOUNT	FISHCOUNT	COMMENTS
48	4	1 SH	0+	10	0	10	no comment	
48	15	1 SH	0+	87	0	87	9 Lamprey, 1 DITE	
48	15	1 CO	0+	77	0	77		
48	15	2 SH	0+	34	1	35		
48	15	2 CO	0+	46	0	46		
48	15	3 SH	0+	16	0	16	5 Lamprey. 1 Dicamp	
48	15	3 CO	0+	17	0	17		
48	30	1 SH	0+	11	0	11	2 Dicamp, 5 Lamprey	
48	30	1 CO	0+	6	0	6		
48	30	2 SH	0+	6	0	6		
48	30	2 CO	0+	1	0	1		
48	30	3 SH	0+	5	0	5		
48	30	3 CO	0+	4	0	4		
48	30	4 SH	0+	5	0	5		
48	34	1 SH	0+	6	0	6		
48	54	1 SH	0+	68	1	69	5 Lamprey	
48	54	1 CO	0+	25	0	25		
48	54	2 SH	0+	26	0	26		
48	54	2 CO	0+	24	0	24		
48	54	2 CO	1+	1	0	1		
48	54	3 SH	0+	15	0	15	1 Lamprey	
48	54	3 CO	0+	9	0	9		
48	55	1 SH	0+	20	1	21	2 Dicamp, 1 Lamprey	
48	55	1 SH	1+	1	0	1		
48	55	1 CO	0+	13	0	13		
48	55	2 SH	0+	6	0	6		
48	55	2 CO	0+	3	0	3		
48	55	3 SH	0+	4	0	4		
48	55	3 CO	0+	4	0	4		
48	59	1 SH	0+	30	2	32	1 LAMPREY, 1 DICAMP	
48	59	1 SH	1+	3	0	3		
48	59	1 CO	0+	18	0	18		
48	59	2 SH	0+	12	1	13		
48	59	2 SH	1+	1	0	1		
48	59	2 CO	0+	8	0	8		
48	59	3 SH	0+	10	2	12		
48	59	3 CO	0+	3	0	3		
48	63	1 CT	1+	1	0	1	1 Lamprey	
48	63	1 CT	2+	1	0	1		
48	63	1 SH	0+	9	1	10		
48	63	1 SH	1+	2	0	2		
48	63	1 CO	0+	7	0	7		

REACHNO.	UNITNO.	EPASSNO.	SPECCODE	AGECLASS	LIVECOUNT	MORTCOUNT	FISHCOUNT	COMMENTS
48	63	2 SH	0+	27	0	27		
48	63	2 CO	0+	13	0	13		
48	63	3 SH	0+	21	0	21		
48	63	3 CO	0+	23	1	24		
48	65	1 SH	0+	78	6	84		
48	65	1 SH	1+	1	0	1	DITE 2, LAMPREY 1	
48	65	1 CO	0+	29	0	29		
48	65	2 SH	0+	37	0	37		
48	65	2 CO	0+	18	2	20		
48	65	3 SH	0+	46	0	46		
48	65	3 CO	0+	13	0	13		
48	67	1 SH	0+	76	0	76	DITE 4, LAMPREY 4	
48	67	1 SH	1+	1	0	1		
48	67	1 CO	0+	32	0	32		
48	67	1 CO	1+	2	0	2		
48	67	2 SH	0+	49	0	49		
48	67	2 CO	0+	16	0	16		
48	67	3 SH	0+	22	0	22		
48	67	3 CO	0+	20	0	20		
48	71	1 SH	0+	18	0	18		
48	72	1 SH	0+	24	0	24		
48	72	1 CO	0+	11	0	11		
48	72	2 SH	0+	16	0	16	1 LAMPREY	
48	72	2 CO	0+	2	0	2		
48	72	3 SH	0+	32	2	34	1 LAMPREY, 3 Dicamp.	
48	72	3 CO	0+	15	2	17		
48	79	1 SH	0+	31	0	31		
48	79	1 SH	1+	1	0	1		
48	79	1 CO	0+	25	0	25		
48	79	2 SH	0+	19	0	19		
48	79	2 SH	1+	2	0	2		
48	79	2 CO	0+	3	0	3		
48	79	3 SH	0+	5	2	7	lamprey	
48	79	3 CO	0+	3	0	3		
48	81	1 SH	0+	23	0	23		
48	81	1 CO	0+	28	0	28		
48	81	2 SH	0+	32	0	32		
48	81	2 CO	0+	17	4	21	5 lamprey	
48	81	3 SH	0+	15	1	16	1 dicamp	
48	81	3 CO	0+	8	0	8		
48	85	1 SH	0+	13	0	13		
48	85	1 CO	0+	33	0	33	2 dicamp	

REACHNO.	UNITNO.	EPASSNO.	SPECCODE	AGECLASS	LIVECOUNT	MORTCOUNT	FISHCOUNT	COMMENTS
48	85	2 SH	0+	4	0	4		
48	85	2 SH	1+	1	0	1		
48	85	2 CO	0+	7	0	7		
48	85	3 SH	0+	6	0	6		
48	85	3 CO	0+	6	0	6		
48	86	1 SH	0+	24	0	24	1 Dicamp, 3 lamprey	
48	86	1 CO	0+	25	0	25		
48	86	1 CT	1+	1	0	1		
48	86	2 SH	0+	10	0	10		
48	86	2 CO	0+	24	0	24		
48	86	2 CT	1+	1	0	1		
48	86	3 SH	0+	7	0	7		
48	86	3 CO	0+	14	0	14		
48	86	3 CT	1+	1	0	1		
48	92	1 SH	0+	32	0	32	3 Lamprey	
48	92	1 CO	0+	28	0	28		
48	92	2 SH	0+	7	0	7		
48	92	2 CO	0+	11	0	11		
48	92	2 CO	1+	1	0	1		
48	92	3 SH	0+	3	0	3		
48	92	3 SH	1+	1	0	1		
48	92	3 CO	0+	3	0	3		
48	95	1 SH	0+	12	0	12		
48	95	1 CO	0+	29	0	29		
48	95	1 CO	1+	1	0	1	1 Dicamp	
48	95	2 SH	0+	4	0	4		
48	95	2 CO	0+	8	0	8		
48	95	2 CO	1+	1	0	1		
48	95	3 SH	0+	7	0	7		
48	95	3 CO	0+	10	0	10		
48	103	1 SH	0+	43	0	43		
48	103	1 SH	1+	1	0	1		
48	103	1 CO	0+	29	0	29		
48	103	2 SH	0+	27	0	27		
48	103	2 CO	0+	10	0	10		
48	103	3 SH	0+	18	2	20		
48	103	3 CO	0+	13	0	13		
48	113	1 SH	0+	9	0	9		
48	117	1 SH	0+	38	0	38		
48	117	1 SH	1+	2	0	2		
48	117	1 CO	0+	22	0	22		
48	117	2 SH	0+	25	0	25		

REACHNO.	UNITNO.	EPASSNO.	SPECCODE	AGECLASS	LIVECOUNT	MORTCOUNT	FISHCOUNT	COMMENTS
48	117	2	CO	0+	10	0	10	
48	117	3	SH	0+	15	1	16	
48	117	3	CO	0+	12	0	12	
48	132	1	SH	0+	18	0	18	
48	132	1	SH	1+	1	0	1	2 Lamprey
48	132	1	CO	0+	34	0	34	1 DITE
48	132	2	SH	0+	7	0	7	
48	132	2	CO	0+	9	0	9	
48	132	3	SH	0+	3	0	3	
48	136	1	SH	0+	39	0	39	5 DITE
48	136	1	CO	0+	22	0	22	
48	136	2	SH	0+	14	0	14	
48	136	2	CO	0+	23	0	23	
48	136	3	SH	0+	9	0	9	
48	136	3	CO	0+	8	0	8	
48	140	1	SH	0+	52	0	52	1 LAMPREY
48	140	1	SH	1+	1	0	1	
48	140	1	CO	0+	34	0	34	
48	140	1	CT	1+	2	0	2	
48	140	2	SH	0+	29	0	29	
48	140	2	CO	0+	21	0	21	
48	140	3	SH	0+	17	0	17	
48	140	3	CO	0+	10	0	10	
48	149	1	SH	0+	7	0	7	no comment

UnitNo.	Pass	start	stop	duration	watertemp
4	1			135	
15	1			1005	17.8
15	2			921	
15	3			839	
30	1			600	
30	2			616	
30	3			606	
30	4				
34	1			259	
54	1			922	
54	2			835	
54	3			830	
55	1			632	
55	2				
55	3			630	
59	1			838	
59	2			742	
59	3			705	
65	1			687	
65	2				
65	3				
67	1			1447	
67	2			1384	
67	3			1299	
71	1			204	
72	1			610	
72	2			755	
72	3			633	
79	1			1146	
79	2			1016	
79	3				
81	1			733	
81	2			693	
81	3			670	
85	1			623	
85	2			571	
85	3			598	
86	1			1037	
86	2			907	
86	3			1088	
92	1			792	
92	2			828	
92	3			729	
95	1			866	
95	2			832	
95	3			825	
103	1			1038	
103	2			934	
103	3			933	
113	1			142	
117	1			667	
117	2			618	
117	3				
132	1			997	
132	2			470	
132	3			486	
136	1			436	
136	2			479	
136	3			464	
140	1			1160	
140	2			1084	
140	3			1039	
149	1			51	

HUC

Drainage Stream

Reach Divers Date

Mad-Redwood

LSF Little River

48 RWA 9/15/2000

DBP

[illegible]

[illegible]

BASIN

LowerSouthForkLittleRiver

Date

Crew

9/12/2000 RBF,CLD

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
48	1 RI	n				0	23.17			0.12	none
48	2 SP	n				0	9.45			0.40	none
48	3 SP	y		dive		0	23.48			0.64	none
48	4 RI	y		efish		0	9.45			0.12	none
48	5 SP	n				0	30.18			0.88	none
48	6 RI	n				0	23.17			0.12	none
48	7 DP	n				0	33.54			1.04	none
48	8 RI	n				0	4.57			0.09	none
48	9 DP	n				0	29.88			1.83	none
48	10 RI	n				0	22.56			0.15	none
48	11 SP	y		dive		0	12.50			0.37	none
48	12 RI	n				0	11.89			0.15	none
48	13 RU	y		dive		0	7.01			0.24	none
48	14 RI	n				0	5.18			0.09	none
48	15 SP	y		dive		0	25.91			0.61	none
48	16 RI	n				1	36.28			0.15	none
48	17 RI	n				2	5.18			0.09	none
48	18 SP	y		dive		2	29.27			0.67	none
48	19 SP	y		dive		0	22.26			0.58	none
48	20 RU	y		dive		0	8.84			0.15	none
48	21 DP	y		dive		0	15.85			1.22	none
48	22 RI	n				0	6.71			0.18	none
48	23 SP	n				0	14.02			0.85	none
48	24 RI	n				0	11.28			0.15	none
48	25 SP	y		dive		0	8.54			0.40	none
48	26 RU	y		dive		0	15.24			0.30	none
48	27 RI	n				0	6.71			0.06	none
48	28 SP	y		dive		0	12.80			0.40	none
48	29 SP	y		dive		0	11.28			0.40	none
48	30 SP	y		dive		0	15.24			0.49	none
48	31 RI	n				0	10.67			0.12	none
48	32 SP	n				0	45.43			0.73	none
48	33 SP	y		dive		0	6.40			0.34	none
48	34 RI	y		efish		0	7.93			0.15	none
48	35 SP	n				0	15.24			0.73	none
48	36 RI	n				0	15.55			0.12	none

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
48	37 DP	y		dive		0	44.51			1.37	none
48	38 RI	n				0	19.51			0.15	none
48	39 DP	n				0	29.27			1.01	none
48	40 SP	n				0	21.04			0.76	none
48	41 RI	n				0	38.11			0.21	none
48	42 SP	y		dive		0	8.23			0.46	none
48	43 RI	n				0	3.66			0.09	none
48	44 DP	y		dive		0	18.29			1.19	none
48	45 SP	n				0	22.56			0.82	none
48	46 SP	n				0	20.43			0.61	none
48	47 RU	n				0	11.59			0.30	none
48	48 RI	n				0	15.55			0.21	none
48	49 SP	y		dive		0	8.84			0.43	none
48	50 RI	n				0	17.68			0.21	none
48	51 RU	y		dive		0	9.15			0.34	none
48	52 SP	n				0	16.77			0.82	none
48	53 RI	n				0	11.28			0.15	none
48	54 SP	y		dive		0	18.60			0.46	none
48	55 SP	y		dive		0	17.68			0.58	none
48	56 RI	n				0	12.50			0.21	none
48	57 SP	y		dive		0	32.01			0.43	none
48	58 RI	n				0	14.33			0.21	none
48	59 SP	y		dive		0	38.41			0.85	none
48	60 RI	n				0	15.24			0.15	none
48	61 SP	n				0	28.96			0.82	none
48	62 RI	n				0	23.48			0.21	none
48	63 SP	y		dive		0	15.85			0.55	none
48	64 RI	n				0	17.99			0.21	none
48	65 SP	y		dive		0	28.05			0.40	none
48	66 RI	n				0	7.62			0.18	none
48	67 SP	y		dive		0	34.76			0.70	none
48	68 RI	n				0	7.62			0.12	none
48	69 RU	y		dive		0	13.41			0.46	none
48	70 DP	y		dive		0	35.06			1.10	none
48	71 RI	y		efish		0	6.71			0.12	none
48	72 SP	y		dive		0	12.80			0.55	none

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
48	73 RI	n				0	15.24			0.12	none
48	74 SP	n				0	11.28			0.91	none
48	75 RI	n				0	7.93			0.12	none
48	76 DP	n				0	30.49			1.13	none
48	77 RI	n				0	8.54			0.12	none
48	78 SP	n		dive		0	21.34			0.46	none
48	78 DP	y		dive		0	25.00			1.13	none
48	79 SP	y		dive		0	25.00			0.88	none
48	80 SP	n		dive		0	18.60			0.40	none
48	81 SP	y		dive		0	22.26			0.46	none
48	82 RI	n				0	12.50			0.09	none
48	83 SP	n				0	30.79			0.58	none
48	84 RI	n		dive		0	30.49			0.21	none
48	85 SP	y		dive		0	11.59			0.40	none
48	86 SP	y		dive		0	28.35			0.88	none
48	87 DP	y		dive		0	10.67			1.80	none
48	88 SP	n				0	30.18			0.64	none
48	89 RI	n				0	12.80			0.12	none
48	90 OT	n				0	39.33			0.85	none
48	91 RI	n				0	16.16			0.12	none
48	92 SP	n				0	14.02			0.61	none
48	93 RI	n				0	10.37			0.15	none
48	94 DP	y		dive		0	14.94			1.83	none
48	95 SP	y		dive		0	12.80			0.61	none
48	96 OT	n				0	9.76			0.40	none
48	97 RU	n				0	16.46			0.21	none
48	98 SP	n				0	6.40			0.85	none
48	99 RI	n				0	14.63			0.18	none
48	100 SP	n				0	12.20			0.58	none
48	101 RU	n				0	38.41			0.24	none
48	102 SP	n				0	17.38			0.30	none
48	103 SP	y		dive		0	18.90			0.79	none
48	104 SP	y		dive		1	20.73			0.46	none
48	105 OT	n				1	6.10			0.15	none
48	106 RU	n				2	23.17			0.52	none
48	107 OT	n				2	4.57			0.18	none

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
48	108 DP		y	dive		0	28.35			1.43	none
48	109 RI		n			0	15.85			0.30	none
48	110 DP		y	dive		0	28.66			1.52	none
48	111 RI		n			0	16.46			0.12	none
48	112 DP		n			0	19.82			1.22	none
48	113 RI		y	efish		0	5.49			0.12	none
48	114 DP		n			0	12.20			1.07	none
48	115 RU		y	dive		0	13.41			0.37	none
48	116 RI		n			0	7.32			0.09	none
48	117 SP		y	dive		0	19.51			0.70	none
48	118 SP		n			0	19.82			0.64	none
48	119 SP		n			0	20.12			0.37	none
48	120 RI		n			0	22.26			0.15	none
48	121 RU		n			0	10.98			0.43	none
48	122 DP		n			0	37.80			1.52	none
48	123 RI		n			0	25.30			0.30	none
48	124 SP		y	dive		0	7.62			0.46	none
48	125 RI		n			0	3.96			0.15	none
48	126 SP		n			0	18.90			0.43	none
48	127 RI		n			0	13.41			0.27	none
48	128 RU		n			0	14.63			0.37	none
48	129 SP		n			0	25.00			0.58	none
48	130 RI		n			0	7.62			0.15	none
48	131 OT		n			0	8.54			0.27	none
48	132 SP		y	dive		0	15.85			0.95	none
48	133 RI		n			0	13.11			0.15	none
48	134 DP		n			0	28.96			1.71	none
48	135 RI		n			0	17.99			0.12	none
48	136 SP		y	dive		0	14.02			0.49	none
48	137 OT		n			0	26.83			0.37	none
48	138 RU		n			0	20.12			0.58	none
48	139 RI		n			0	7.62			0.12	none
48	140 SP		y	dive		0	23.78			0.64	none
48	141 RI		n			0	22.87			0.27	none
48	142 SP		n			0	23.17			0.73	none
48	143 SP		y	dive		0	9.76			0.64	none

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
48	144	SP	n			0	35.06			0.67	none
48	145	RI	n			0	5.18			0.06	none
48	146	SP	y	dive		0	14.33			0.61	none
48	147	OT	n			0	41.46			1.46	none
48	148	SP	n			0	14.02			0.85	none
48	149	RI	n	efish		0	4.88			0.09	none
48	150	DP	n			0	17.38			1.37	none
48	151	RI	n			0	11.28			0.18	none
48	152	SP	n			0	16.46			0.73	none
48	153	SP	y	dive		0	15.55			0.61	none
48	154	RI	n			0	11.59			0.15	none
48	155	DP	y	dive		0	24.09			1.07	none
48	156	RI	n			0	12.20			0.15	none
48	157	DP	n			0	32.32			1.16	none
48	158	SP	n			0	4.88			0.27	none
48	159	RU	y	dive		0	9.76			0.30	none
48	160	OT	n			0	7.93			0.27	none
48	161	RI	n			0	3.05			0.09	none
48	162	SP	y	dive		0	27.74			0.82	none
48	163	OT	n			0	32.32			0.34	none
48	164	DP	n			0	21.34			1.10	none
48	165	RI	n			0	18.90			0.18	none
48	166	DP	y	dive		0	29.88			1.13	none
48	167	OT	n			0	9.15			1.13	none
48	168	SP	n			0	8.23			0.34	none
48	169	RI	n			0	10.67			0.18	none
48	170	DP	n			0	15.55			1.13	none
48	171	OT	n			0	4.88			0.24	none
48	172	RI	n			0	9.76			0.21	none
48	173	SP	n			0	15.24			0.76	none
48	174	RI	n			0	11.59			0.15	none
48	175	SP	n			0	14.02			0.58	none
48	176	RU	n			0	7.32			0.27	none
48	177	SP	n			0	18.60			0.73	none
48	178	RI	n			0	6.71			0.15	none
48	179	SP	n			0	20.43			0.91	none

Reach.No	Unit.No	Hab.Code	phaser	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
48	180	RI	n			0	42.38			0.34	none
48	181	RU	n			0	7.62			0.46	none
48	182	RI	n			0	6.71			0.15	none
48	183	SP	n			0	15.55			0.61	none

HUC	Drainage	Stream	Reach	Divers	Date
Mad-Redwood	Humboldt Bay	Jacoby	93	Josh Boyce Kyle Brackensiek	10/12/2000

Reach.No	Unit.No	Diver	Species	age	DIVE1	DURATION1	Vis	Phase2	Efish	DIVE2	DURATION2	DIVE3	DURATION3	DIVE4	DURATION4	Comments
093	001	J Boyce	CO	O+	29		y1	y								no comment
093	004	J Boyce	CO	O+	18		n2	n								
093	006	J Boyce	CO	O+	8		n3	n								
093	007	J Boyce	CO	O+	0		n1	n								
093	015	J Boyce	CO	O+	0		n2	n								
093	017	J Boyce	CO	O+	135		n4	n								
093	019	J Boyce	CO	O+	0		y3	n	0		0		0			
093	022	K Brackensiek	CO	O+	125			n	145		150		145			
093	024	K Brackensiek	CO	O+	0		y5	n	0		0		0			
093	035	K Brackensiek	CO	O+	5		y4	n	5		3		5			
093	038	J Boyce	CO	O+	98		n6	n								
093	040	J Boyce	CO	O+	0		n5	n								
093	043	K Brackensiek	CO	O+	80			n	100		95		90			
093	044	J Boyce	CO	O+	55		y7	y								
093	047	J Boyce	CO	O+	0		n6	n								
093	049	J Boyce	CO	O+	97		y8	y								
093	051	K Brackensiek	CO	O+	15		n9	n								
093	054	J Boyce	CO	O+	0		n7	n								
093	056	K Brackensiek	CO	O+	5		n10	n								
093	058	J Boyce	CO	O+	141			n	143		140		130			
093	061	K Brackensiek	CO	O+	85		y11	y								
093	065	K Brackensiek	CO	O+	140			n	125		130		125			
093	067	J Boyce	CO	O+	68			n	64		56		62			
093	070	K Brackensiek	CO	O+	41		y12	y								
093	072	K Brackensiek	CO	O+	9		n8	n								
093	074	J Boyce	CO	O+	66			n	71		75		79			
093	076	K Brackensiek	CO	O+	118			n	125		121		114			
093	081	J Boyce	CO	O+	75			n	65		73		69			
093	84	K Brackensiek	CO	O+	0		y9	n	0		0		0			
093	85	K Brackensiek	CO	O+	16		n10	n								
093	87	J Boyce	CO	O+	36			n	44		37		38			
093	100	J Boyce	CO	O+	98			n	108		109		145			
093	101	J Boyce	CO	O+	123			n	137		145		130			
093	103	J Boyce	CO	O+	56		n13	n								
093	105	J Boyce	CO	O+	3		n14	n								
093	107	J Boyce	CO	O+	12		n15	n								
093	109	J Boyce	CO	O+	47			n	48		49		58			
093	115	J Boyce	CO	O+	7		n16	n								
093	119	J Boyce	CO	O+	56		y17	y								

HUC	Drainage	Stream	Date	Recorder	Efisher	Netters	AdditionalCrew
Mad-Redwood	Humboldt Bay	Jacoby	10/12-10/14/00	Yarrow King	Kyle Brackensiek Josh Boyce	Yarrow King Dana McCanne Jessica Hair	

REACHNO.	UNITNO.	EPASSNO.	SPECCODE	AGECLASS	LIVECOUNT	MORTCOUNT	FISHCOUNT	COMMENTS
93	1	S1	CO	0	22	0	22	Seined
93	1	S1	UT	0	3	0	3	Seined
93	1	S1	UT	1	0	0	0	Seined
93	1	1	CO	0	14	1	15	
93	1	1	UT	0	62	0	62	
93	1	1	UT	1	7	0	7	
93	1	1	SB	0	23	0	23	
93	1	1	CP	0	3	0	3	CP=Prickly Sculpin
93	1	1	BL	adult	1	0	1	BL=Brook Lamprey
93	1	2	CO	0	9	0	9	
93	1	2	UT	0	34	0	34	
93	1	2	UT	1	3	0	3	
93	1	2	SB	0	8	0	8	
93	1	2	AM	0	1	0	1	
93	1	2	BL	adult	1	0	1	
93	1	3	CO	0	6	0	6	
93	1	3	UT	0	11	0	11	
93	1	3	SB	0	7	0	7	
93	1	3	CP	0	1	0	1	
93	1	4	CO	0	4	2	6	
93	1	4	UT	0	4	0	4	
93	1	4	UT	1	3	0	3	
93	1	4	SP	0	2	0	2	
93	1	4	BL	adult	1	0	1	
93	5	1	UT	0	7	0	7	
93	5	1	SB		1	0	1	
93	5	1	CP		1	0	1	
93	5	2	UT	0	8	0	8	
93	5	3	UT	0	1	0	1	
93	44	1	CO	0	7	0	7	
93	44	1	UT	0	12	0	12	
93	44	1	UT	1	4	0	4	
93	44	2	CO	0	6	0	6	
93	44	2	UT	0	3	0	3	
93	44	2	UT	1	2	0	2	
93	44	3	CO	0	3	0	3	
93	44	3	UT	0	3	0	3	
93	44	3	UT	1	2	0	2	
93	44	3	UT	2	1	0	1	
93	44	4	CO	0	3	0	3	
93	44	1	SB		2	0	2	
93	44	3	SB		1	0	1	
93	44	3	CP		1	0	1	
93	44	4	SB		3	0	3	
93	49	1	CO	0	49	1	50	
93	49	1	UT	0	41	0	41	
93	49	1	UT	1	23	0	23	
93	49	1	US		3	0	3	US=Unidentified Sculpin Spp.
93	49	1	CT	1	1	0	1	
93	49	2	CO	0	32	0	32	
93	49	2	UT	0	41	2	43	
93	49	2	UT	1	4	0	4	
93	49	2	US		4	0	4	
93	49	2	CT	1	0	0	0	
93	49	3	CO	0	14	1	15	
93	49	3	UT	0	12	0	12	
93	49	3	UT	1	2	0	2	
93	49	3	US		0	0	0	
93	49	3	CT	1	0	0	0	
93	49	3	PGS		1	0	1	
93	49	4	CO	0	18	1	19	
93	49	4	UT	0	7	0	7	
93	49	4	UT	1	0	0	0	

REACHNO.	UNITNO.	EPASSNO.	SPECCODE	AGECLASS	LIVECOUNT	MORTCOUNT	FISHCOUNT	COMMENTS
93	49	4	US		0	0	0	
93	49	4	CT	1	0	0	0	
93	49	2	Crayfish		1	0	1	
93	50	1	CO	0	1	0	1	
93	50	1	UT	0	15	0	15	
93	50	1	UT	1	1	0	1	
93	50	2	UT	0	7	0	7	
93	50	2	UT	1	1	0	1	
93	50	3	UT	0	6	0	6	
93	50	1	CA		2	0	2	CA=Coast Range Sculpin
93	61	1	CO	0	33	0	33	
93	61	1	UT	0	17	0	17	
93	61	1	UT	1	11	0	11	
93	61	1	US		1	0	1	
93	61	1	CT	1	0	0	0	
93	61	2	CO	0	7	0	7	
93	61	2	UT	0	14	0	14	
93	61	2	UT	1	0	0	0	
93	61	2	US		1	0	1	
93	61	2	CT	1	0	0	0	
93	61	3	CO	0	10	0	10	
93	61	3	UT	0	4	0	4	
93	61	3	UT	1	1	0	1	
93	61	3	US		0	0	0	
93	61	3	CT	1	0	0	0	
93	61	4	CO	0	13	0	13	
93	61	4	UT	0	13	0	13	
93	61	4	UT	1	1	0	1	
93	61	4	US		0	0	0	
93	61	4	CT	1	0	0	0	
93	70	1	CO	0	19	1	20	
93	70	1	UT	0	26	0	26	
93	70	1	UT	1	8	0	8	
93	70	1	US		0	0	0	
93	70	1	CT	1	0	0	0	
93	70	1	PGS		2	0	2	
93	70	2	CO	0	15	0	15	
93	70	2	UT	0	19	1	20	
93	70	2	UT	1	0	0	0	
93	70	2	US		0	0	0	
93	70	2	CT	1	0	0	0	
93	70	2	PGS		0	0	0	
93	70	3	CO	0	4	0	4	
93	70	3	UT	0	17	0	17	
93	70	3	UT	1	1	0	1	
93	70	3	US		0	0	0	
93	70	3	CT	1	0	0	0	
93	70	3	PGS		1	0	1	
93	70	4	CO	0	6	0	6	
93	70	4	UT	0	8	0	8	
93	70	4	UT	1	0	0	0	
93	70	4	US		0	0	0	
93	70	4	CT	1	0	0	0	
93	70	4	PGS		0	0	0	

REACHNO.	UNITNO.	EPASSNO.	SPECCODE	AGECLASS	LIVECOUNT	MORTCOUNT	FISHCOUNT	COMMENTS
093	1	1	CO	O+	14	1	15	saned 22 O+CO prior to efish
093	1	2	CO	O+	9	0	9	
093	1	3	CO	O+	6	0	6	
093	1	4	CO	O+	4	2	6	
093	5	1	CO	O+	0	0	0	
093	5	2	CO	O+	0	0	0	
093	5	3	CO	O+	0	0	0	
093	4	1	CO	O+	7	0	7	
093	4	2	CO	O+	6	0	6	
093	4	3	CO	O+	3	0	3	
093	4	4	CO	O+	3	0	3	
093	4	1	CO	O+	49	1	50	
093	4	2	CO	O+	32	0	32	
093	4	3	CO	O+	14	1	15	
093	4	4	CO	O+	18	1	19	
093	5	1	CO	O+	1	0	1	
093	5	2	CO	O+	0	0	0	
093	5	3	CO	O+	0	0	0	
093	6	1	CO	O+	33	0	33	
093	6	2	CO	O+	7	0	7	
093	6	3	CO	O+	10	0	10	
093	6	4	CO	O+	13	0	13	
093	7	1	CO	O+	19	1	20	
093	7	2	CO	O+	15	0	15	
093	7	3	CO	O+	4	0	4	
093	7	4	CO	O+	6	0	6	no comment

UnitNo.	Pass	start	stop	duration	watertemp
001	1	0	1012	1012	12
	2	1012	1970	958	
	3	0	986	986	
	4	0	0	0	
005	1	0	86	86	14
	2	86	172	86	
	3	172	257	85	
044	1	0	199	199	13
	2	199	400	201	
	3	400	601	201	
	4	601	803	202	
049	1	0	615	615	
	2	0	604	604	
	3	0	612	612	
	4	0	619	619	
050	1	0	153	153	13
	2	153	308	155	
	3	308	464	156	
061	1	0	388	388	
	2	0	379	379	
	3	0	391	391	
	4	0	419	419	
070	1	0	350	350	
	2	350	715	365	
	3	715	1067	352	
	4	0	352	352	

0
0
0
0
0
0
0

HUC

Mad-Redwood

Drainage

Humboldt Bay

Date

10/11-10/12/00

Stream

Jacoby Creek

Reach

Crew

93 Josh Boyce

Yarrow King

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	CumD.m	top.w.	bot.w.	max.d.	comments
093	001	SP	1	d	100	0	43.2	43.2	4.5	9.1	0.6	
093	002	SP	2	n	100	0	9.5	52.7	3.1	4.5	0.4	
093	003	RI	1	n	100	0	21.2	73.9	3.9	3	0.2	
093	004	SP	3	d	100	0	22.1	96	4.3	3.9	0.5	
093	005	RI	2	e	100	0	21.4	117.4	5.6	4.3	0.11	
093	006	SP	4	d	100	0	13.8	131.2	7.6	5.6	0.4	
093	007	RU	1	d	100	0	7.4	138.6	4.5	7.6	0.21	
093	008	SP	5	n	80	1	38.2	176.8	1.9	4.5	1	
093	009	SC		n	20	2	20.5	159.1	4.7	5	0.25	
093	010	RI	3	n	100	0	12.9	189.7	6.7	6.6	0.12	
093	011	SP	6	n	100	0	47.9	237.6	18.7	6.7	0.6	
093	012	RU	2	n	100	0	18.8	256.4	11.4	18.7	0.3	
093	013	OT		n	100	0	87.2	343.6	9.2	11.4		Elliot land circumvented
093	014	OT		n	100	0	74.9	418.5	4.5	9.2	0.6	
093	015	RU	3	d	60	1	11.9	430.4	3.6	4.5	0.3	
093	016	RI	4	n	40	2	5.6	424.1	3	3.2	0.12	
093	017	SP	7	d	100	0	26	456.4	5.8	3	0.9	
093	018	RI	5	n	100	0	64.2	520.6	3.6	5.8	0.2	
093	019	RU	4	d	100	0	7.4	528	5.6	3.6	0.2	
093	020	RI	6	n	100	0	57.2	585.2	3.4	5.6	0.12	
093	021	SP	8	n	100	0	21.7	606.9	5.4	3.4	0.4	
093	022	DP	1	d	90	1	34	640.9	7.6	5.4	1.3	
093	023	RI	7	n	10	2	7.8	614.7	0.8	1.2	0.02	
093	024	SP	9	d	10	2	2	616.7	2.6	0.8	0.5	
093	025	OT		n	100	0	20.4	661.3	5.6	7.6	0.2	
093	026	SP	10	n	100	0	16.4	677.7	6.5	5.6	0.6	
093	027	OT		n	100	0	28.2	705.9	5.8	6.5	0.55	
093	028	SP	11	n	100	0	32.8	738.7	3	5.8	0.45	
093	029	RI	8	n	100	0	17.8	756.5	4	2	0.12	
093	030	OT		n	100	0	47.5	804	1.9	4	0.9	
093	031	RU	5	n	100	0	6.1	810.1	2.1	1.9	0.32	
093	032	SP	12	n	100	0	27.3	837.4	4.7	2.1	0.5	
093	033	RI	9	n	100	0	25.4	862.8	7.6	4.7	0.14	
093	034	OT		n	100	0	12.2	875	5	7.6	0.4	
093	035	RU	6	d	100	0	12.1	887.1	5.7	5	0.32	
093	036	OT		n	100	0	54.5	941.6	2.5	5.7	0.63	
093	037	RU	7	n	100	0	9.6	951.2	1.9	2.5	0.15	
093	038	SP	13	d	100	0	29.4	980.6	13.7	1.9	0.6	
093	039	RI	10	n	100	0	13.4	994	5	13.7	0.1	
093	040	RU	8	d	100	0	21	1015	3.3	5	0.25	
093	041	RI	11	n	100	0	8.1	1023.1	2.8	3.3	0.2	
093	042	RU	9	n	100	0	7.2	1030.3	2.1	2.8	0.4	
093	043	DP	2	d	100	0	18.1	1048.4	2.1	2.1	1.2	
093	044	SP	14	d	100	0	18.6	1067	3.4	2.1	0.75	
093	045	SP	15	n	100	0	18.3	1085.3	2.6	3.4	0.62	
093	046	RI	12	n	100	0	5.4	1090.7	3.2	2.6	0.13	
093	047	RU	10	d	100	0	7.1	1097.8	1.7	3.2	0.3	
093	048	RI	13	n	100	0	10.5	1108.3	7	1.7	0.2	
093	049	SP	16	d	100	0	40	1148.3	6.7	7	0.9	
093	050	RI	14	e	100	0	16.2	1164.5	4.2	6.7	0.3	
093	051	SP	17	d	100	0	11.8	1176.3	6.4	4.2	0.53	
093	052	OT		n	100	0	74.5	1250.8	9.9	6.4		A.D. area circumvented
093	053	SP	18	n	100	0	35.8	1286.6	2.8	9.9	1	
093	054	RU	11	d	100	0	12.8	1299.4	2.7	2.8	0.22	
093	055	RI	15	n	100	0	19.7	1319.1	4	2.7	0.2	
093	056	SP	19	d	100	0	17.1	1336.2	4.5	4	0.42	
093	057	RI	16	n	100	0	11.1	1347.3	7.8	4.5	0.25	
093	058	DP	3	d	100	0	39.1	1386.4	4.6	7.8	1.7	
093	059	OT		n	100	0	29.9	1416.3	2.3	4.6	0.6	
093	060	RI	17	n	100	0	9.9	1426.2	3.7	2.3	0.11	
093	061	SP	20	d	100	0	18.6	1444.8	5.2	3.7	1.05	
093	062	RI	18	n	100	0	42.4	1487.2	5.3	5.2	0.2	
093	063	OT		n	100	0	23.1	1510.3	4	5.3	0.6	
093	064	RI	19	n	100	0	10.4	1520.7	4.3	4	0.18	

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	CumD.m	top.w.	bot.w.	max.d.	comments
093	065	DP	4	d	100	0	40.3	1561	3.8	4.3	1.45	
093	066	RI	20	n	100	0	7	1568	2.8	3.8	0.2	
093	067	DP	5	d	100	0	22.9	1590.9	2.5	2.8	1.55	
093	068	RI	21	n	100	0	11.9	1602.8	3	2.5	0.12	
093	069	OT		n	100	0	92.5	1695.3	4.5	3.6		area circumvented
093	070	SP	21	d	100	0	17.1	1712.4	4	4.5	0.43	
093	071	RI	22	n	100	0	43.6	1756	4.2	4	0.16	
093	072	RU	12	d	100	0	18.2	1774.2	8.5	4.2	0.26	
093	073	OT		n	100	0	14.9	1789.1	4.3	8.5	0.3	
093	074	DP	6	d	100	0	23.9	1813	4.2	4.3	1.1	
093	075	RI	23	n	100	0	14.4	1827.4	1.8	4.2	0.2	
093	076	DP	7	d	100	0	22.8	1850.2	5.5	1.8	1.43	
093	077	RI	24	n	100	0	54.9	1905.1	4.3	5.5	0.2	
093	078	OT		n	75	1	20.7	1925.8	4	4.3	0.6	
093	079	RI	25	n	75	1	15	1940.8	4.7	11	0.2	
093	080	OT		n	25	2	49.8	1954.9	2.5	4.3	0.8	
093	081	DP	8	d	100	0	30.6	1971.4	5	7.2	1.2	
093	082	RI	26	e	100	0	12.6	1984	4.5	5	0.1	
093	083	OT		n	100	0	44.3	2028.3	2.4	4.5	0.63	
093	084	RU	13	d	100	0	9.7	2038	1.9	2.4	0.4	
093	085	RU	14	d	100	0	15.9	2053.9	2	1.9	0.4	
093	086	OT		n	100	0	16.4	2070.3	2.1	2	0.3	
093	087	DP	9	d	100	0	14.7	2085	3	2.1	1.2	
093	088	RI	27	n	100	0	33.7	2118.7	3.9	3	0.2	
093	089	SP	22	n	100	0	13.8	2132.5	3.2	3.9	0.5	
093	090	OT		n	100	0	17.9	2150.4	2.9	3.2	0.8	
093	091	RI	28	n	100	0	15.2	2165.6	5.2	2.9	0.2	
093	092	OT		n	100	0	27.9	2193.5	4.6	5.2	1.2	
093	093	RI	29	n	100	0	6.7	2200.2	3.7	4.6	0.12	
093	094	OT		n	100	0	26.2	2226.4	2.5	3.7	0.9	
093	095	RI	30	n	100	0	67.2	2293.6	5.5	2.5	0.2	
093	096	OT		n	100	0	44	2337.6	4.6	5.5	0.8	
093	097	RI	31	n	100	0	9.5	2347.1	4.2	4.6	0.15	
093	098	RU	15	n	100	0	14.2	2361.3	5.3	4.2	0.4	
093	099	RI	32	n	100	0	14.32	2375.62	6.1	5.3	0.2	
093	100	DP	10	d	100	0	42.7	2418.32	3.8	6.9	1.2	
093	101	DP	11	d	100	0	45.8	2464.12	2.7	3.8	1.4	
093	102	RI	33	n	100	0	12.7	2476.82	4.6	2.7	0.13	
093	103	SP	23	d	100	0	27.3	2504.12	2.7	4.6	0.43	
093	104	RI	34	n	100	0	15.3	2519.42	3.6	2.7	0.5	
093	105	SP	24	d	100	0	6.2	2525.62	1.5	3.6	0.55	
093	106	RI	35	n	100	0	8.1	2533.72	4.2	1.5	0.15	
093	107	SP	25	d	100	0	10	2543.72	3.5	4.2	0.4	
093	108	RI	36	n	100	0	8.6	2552.32	3.8	3.5	0.15	
093	109	DP	12	d	100	0	23	2575.32	5.6	3.8	1.3	
093	110	OT		n	100	0	38.1	2613.42	2	5.6	0.6	
093	111	RI	37	n	100	0	12.5	2625.92	4.5	2	0.12	
093	112	SP	26	n	100	0	36.6	2662.52	2.4	4.5	0.82	
093	113	RI	38	e	100	0	8.7	2671.22	3.4	2.4	0.1	
093	114	OT		n	100	0	40.2	2711.42	3.1	3.4	0.6	
093	115	SP	27	d	100	0	11.7	2723.12	2.4	3.1	0.32	
093	116	RI	39	n	100	0	11.1	2734.22	5	2.4	0.12	
093	117	SP	28	n	100	0	14.6	2748.82	2.5	5	0.52	
093	118	RI	40	n	100	0	18.1	2766.92	4.9	2.5	0.23	
093	119	SP	29	d	100	0	17.8	2784.72	2.5	4.9	0.9	
093	120	OT		n	100	0	22.5	2807.22	3.1	2.5	0.65	
093	121	SP	30	n	100	0	14.6	2821.82	2.7	3.1	0.62	
093	122	RI	41	n	100	0	34.6	2856.42	2.9	2.7	0.22	
093	123	SP	31	n	100	0	9.2	2865.62	3	2.9	0.43	
093	124	RI	42	n	100	0	9.7	2875.32	5.5	3	0.3	
093	125	OT		n	100	0	41.5	2916.82	3.1	5.5	0.8	
093	126	RI	43	n	100	0	23.5	2940.32	7	3.1	0.23	

UC	Drainage	Stream	Date	Recorder	Efisher	Netters	AdditionalCrew
Mad-Redwood	Humboldt Bay	Freshwater	9/22/2000	B.B.B.	B.B.B.	T.D.G./M.F.	

REACH 107. E-FISH
FRESHWATER CREEK
214.00

REACHNO.	UNITNO.	EPASSNO.	SPECCODE	AGECLASS	LIVECOUNT	MORTCOUNT	FISHCOUNT	COMMENTS
107	10	1	CO	O+	9	3	12	none
107	10	2	CO	O+	4	0	4	none
107	10	3	CO	O+	0	0	0	none
107	10	4	CO	O+	1	0	1	none
107	16	1	CO	O+	0	0	0	none
107	16	2	CO	O+	0	0	0	none
107	16	3	CO	O+	0	0	0	none
107	44	1	CO	O+	0	0	0	none
107	44	2	CO	O+	0	0	0	none
107	44	3	CO	O+	1	0	1	none
107	68	1	CO	O+	0	0	0	none
107	68	2	CO	O+	0	0	0	none
107	68	3	CO	O+	0	0	0	none
107	96	1	CO	O+	0	0	0	none
107	96	2	CO	O+	0	0	0	none
107	96	3	CO	O+	0	0	0	none

UnitNo.	Pass	start	stop	duration	watertemp
10	1	1000	1008	227	58
10	2	1015	1025	209	
10	3	1028	1035	219	
10	4	1038	1044	211	
18	1	1055	1101	129	58
18	2	1103	1109	131	
18	3	1111	1117	150	
44	1	1140	1148	211	58
44	2	1150	1159	250	
44	3	1201	1211	261	
68	1	1228	1244	486	58
68	2	1250	1304	440	
68	3	1306	1319	393	
96	1	1346	1354	136	58
96	2	1355	1400	147	
96	3	1401	1407	144	

HUC	Drainage	Stream	Reach	Divers	Date	water/air temp
Mad-Redwood	Humboldt Bay	Freshwater	107	Mark Freitas Patrick Brown	9/21-9/22/00	13/15 @930am

REACH 107 DIVE
FRESHWATER CREEK
#214.00

Reach. No.	Unit. No.	Diver	Species	age	DIVE1	DURATION1	Vis	Phase2	Efish	DIVE2	DURATION2	DIVE3	DURATION3	DIVE4	DURATION4	Comments
107	002	M.F.	CO	O+	21	150.00	E 4	n								no comment
107	004	M.F.	CO	O+	0	180	E 5	n								
107	007	M.F.	CO	O+	17	240	E 6	n	12	150	15	150	13	165		
107	009	M.F.	CO	O+	9	300	E 7	n								
107	010	P.B.	CO	O+	17	240	E 18	y	16	210	22	200	18	210		
107	012	P.B.	CO	O+	14	215	E 8	n	18	220	17	190	17	180		
107	022	P.B.	CO	O+	25	110	E	n	32	135	30	135	32	145		
107	023	P.B.	CO	O+	28	230	E 19	n								
107	024	M.F.	CO	O+	19	180	E 20	n								
107	030	M.F.	CO	O+	23	240	E 9	n								
107	033	M.F.	CO	O+	1	120	E 10	n	1	120	1	180	1	150		
107	037	M.F.	CO	O+	13	300	E 21	n								
107	047	M.F.	CO	O+	26	240	E	n	23	240	20	240	25	255		
107	051	P.B.	CO	O+	0	180	E 12	n								
107	053	P.B.	CO	O+	1	210	E 13	n								
107	055	M.F.	CO	O+	0	180	E 14	n	0	150	0	150	0	150		
107	057	M.F.	CO	O+	12	300	E 15	n								
107	059	M.F.	CO	O+	14	210	E 22	n								
107	061	M.F.	CO	O+	63	210	E	n	42	180	57	180	52	180		
107	063	P.B.	CO	O+	2	180	E 16	n								
107	066	P.B.	CO	O+	8	180	E 17	n								
107	069	P.B.	CO	O+	12	170	E 23	n	8	195	8	165	9	170		
107	071	P.B.	CO	O+	7	165	E 24	n	6	165	6	180	5	165		
107	072	P.B.	CO	O+	7	225	E 25	n	7	220	6	225	7	210		
107	075	P.B.	CO	O+	4	105	E 26	n								
107	081	M.F.	CO	O+	38	240	E 27	n								
107	083	M.F.	CO	O+	43	270	E	n	45	240	40	240	41	240		
107	085	M.F.	CO	O+	45	165	E	n	38	195	39	165	40	165		
107	091	P.B.	CO	O+	3	120	E 18	n	1	135	1	135	0	120		
107	092	M.F.	CO	O+	55	225	E 28	n								
107	097	P.B.	CO	O+	1	120	E 19	n								
107	098	M.F.	CO	O+	2	120	E 20	n	2	120	2	120	1	120		
107	100	M.F.	CO	O+	0	90	E 29	n								
107	104	M.F.	CO	O+	9	60	E 31	n								
107	110	M.F.	CO	O+	9	150	E 32	n	10	90	10	120	8	120	no comment	

HUC

Mad-Redwood

Drainage

Humboldt Bay

Date

9/13/2000

Stream

Freshwater

Reach

107 M.Freitas

Crew

P.Brown

Reach.No	Unit.No	Hab Code	phase1	fish?	flow	Chcode	length	CumD.m	top.w.	bot.w.	max.d.	comments
107	1 RI		r1	n	100	0	7.62195122	7.62195122	2.743902439	3.048780488	0.091463415	
107	2 RU		ru1	d	100	0	10.97560976	18.59756098	1.219512195	3.963414634	0.335365854	
107	3 RI		r2	n	100	0	4.268292683	22.86585366	3.353658537	1.585365854	0.12195122	
107	4 RU		ru2	d	100	0	10.36585366	33.23170732	4.573170732	1.829268293	0.182926829	
107	5 RI		r3	n	100	0	45.73170732	78.96341463	3.048780488	3.963414634	0.152439024	
107	6 RI		r4	n	100	0	18.29268293	97.25609756	3.658536585	3.048780488	0.152439024	
107	7 RU		ru3	d	100	0	14.63414634	111.8902439	4.87804878	4.268292683	0.457317073	
107	8 RI		r5	n	100	0	12.19512195	124.0853659	3.048780488	4.87804878	0.182926829	
107	9 RU		ru4	d	100	0	16.76829268	140.8536585	3.353658537	3.048780488	0.365853659	
107	10 SP		p1	d	100	0	9.756097561	150.6097561	3.963414634	2.43902439	0.548780488	
107	11 RI		r6	n	100	0	8.841463415	159.4512195	3.658536585	2.43902439	0.12195122	
107	12 RU		ru5	d	100	0	15.24390244	174.695122	1.37195122	2.743902439	0.457317073	
107	13 DP		p2	n	100	0	22.56097561	197.2560976	4.573170732	1.524390244	1.006097561	
107	14 RI		r7	n	100	0	13.1097561	210.3658537	3.658536585	3.658536585	0.152439024	
107	15 RU		ru6	n	100	0	5.182926829	215.5487805	2.134146341	2.896341463	0.304878049	
107	16 RI		r8	e	100	0	7.012195122	222.5609756	2.743902439	3.353658537	0.12195122	
107	17 DP		p3	n	100	0	21.95121951	244.5121951	4.87804878	2.43902439	1.036585366	
107	18 RI		r9	n	100	0	22.86585366	267.3780488	1.37195122	2.743902439	0.152439024	
107	19 RI		r10	n	100	0	10.67073171	278.0487805	1.676829268	1.524390244	0.12195122	
107	20 SP		p4	n	100	0	14.32926829	292.3780488	1.37195122	1.524390244	0.670731707	
107	21 RI		r11	n	100	0	6.707317073	299.0853659	3.353658537	2.134146341	0.091463415	
107	22 DP		p5	d	100	0	10.06097561	309.1463415	1.219512195	3.353658537	0.975609756	
107	23 SP		p6	d	100	0	18.29268293	327.4390244	3.353658537	1.829268293	0.701219512	
107	24 SP		p7	d	100	0	14.63414634	342.0731707	3.963414634	1.219512195	0.579268293	
107	25 RI		r12	n	95		21.34146341	363.4146341	4.573170732	0.914634146	0.182926829	
107	26 RU		ru7	n	100	0	13.7195122	377.1341463	3.963414634	4.87804878	0.487804878	
107	27 RI		r13	n	100	0	4.268292683	381.402439	3.353658537	3.658536585	0.06097561	
107	28 SP		p8	n	100	0	19.81707317	401.2195122	4.268292683	3.353658537	0.670731707	
107	29 RI		r14	n	100	0	12.80487805	414.0243902	5.182926829	3.048780488	0.12195122	
107	30 RU		ru8	d	100	0	18.59756098	432.6219512	1.829268293	6.097560976	0.457317073	
107	31 RI		r15	n	100	0	7.012195122	439.6341463	3.658536585	1.829268293	0.274390244	
107	32 RU		ru9	n	100	0	5.792682927	445.4268293	2.134146341	3.353658537	0.365853659	
107	33 RU		ru10	d	100	0	5.182926829	450.6097561	1.981707317	1.524390244	0.426829268	
107	34 RI		r16	n	100	0	15.24390244	465.8536585	1.829268293	1.524390244	0.243902439	
107	35 OT				100	0	24.3902439	490.2439024	2.134146341	2.286585366	1.067073171	
107	36 RI		r17	n	100	0	10.36585366	500.6097561	3.506097561	2.743902439	0.152439024	
107	37 SP		p9	d	100	0	25	525.6097561	1.219512195	3.658536585	0.609756098	
107	38 RI		r18	n	100	0	9.146341463	534.7560976	4.573170732	2.43902439	0.091463415	
107	39 SP		p10	n	100	0	22.86585366	557.6219512	3.048780488	5.182926829	0.426829268	

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	Cum'd.m	top.w.	bot.w.	max.d	comments
107	40 SP		p11	n	100	0	13.7195122	571.3414634	1.37195122	2.743902439	0.365853659	
107	41 OT				100	0	30.48780488	601.8292683	0.914634146	1.219512195	0.243902439	
107	42 RI		r19	n	100	0	4.87804878	606.7073171	3.658536585	6.097560976	0.091463415	
107	43 OT				100	0	6.707317073	613.4146341	2.134146341	3.353658537	0.396341463	
107	44 RI		r20	e	100	0	16.76829268	630.1829268	3.658536585	1.219512195	0.182926829	
107	45 DP		p12	n	100	0	25.91463415	666.097561	2.743902439	4.87804878	1.036585366	
107	46 RI		r21	n	100	0	10.67073171	666.7682927	3.658536585	1.829268293	0.152439024	
107	47 SP		p13	d	100	0	11.58536585	678.3636585	12.19512195	3.658536585	0.914634146	
107	48 OT				100	0	30.48780488	708.8414634	3.048780488	10.67073171	1.829268293	
107	49 RI		r22	n	100	0	33.53658537	742.3780488	2.43902439	1.219512195	0.182926829	
107	50 RI		r23	n	100	0	21.95121951	764.3292683	2.743902439	2.43902439	0.152439024	
107	51 RU		ru11	d	100	0	6.707317073	771.0365854	2.43902439	3.658536585	0.213414634	
107	52 RI		r24	n	100	0	22.25609756	793.2926829	2.43902439	3.048780488	0.152439024	
107	53 RU		ru12	d	100	0	12.19512195	805.4878049	4.268292683	2.896341463	0.304878049	
107	54 RI		r25	n	100	0	3.658536585	809.1463415	1.219512195	2.43902439	0.12195122	
107	55 RU		ru13	d	100	0	6.402439024	815.5487805	1.219512195	3.048780488	0.335365854	
107	56 RI		r26	n	100	0	6.097560976	821.6463415	2.134146341	1.524390244	0.091463415	
107	57 SP		p14	d	100	0	33.53658537	855.1829268	1.829268293	1.524390244	0.335365854	
107	58 RI		r27	n	100	0	3.658536585	858.8414634	1.219512195	0.914634146	0.12195122	
107	59 SP		p15	d	100	0	11.2804878	870.1219512	5.182926829	2.591463415	0.304878049	
107	60 RI		r28	n	100	0	6.707317073	876.8292683	4.87804878	2.43902439	0.091463415	
107	61 DP		p16	d	100	0	19.20731707	896.0365854	4.268292683	4.87804878	0.975609756	
107	62 RI		r29	n	100	0	13.7195122	909.7560976	3.963414634	3.658536585	0.091463415	
107	63 RU		ru14	d	100	0	6.707317073	916.4634146	2.134146341	4.268292683	0.304878049	
107	64 RI		r30	n	100	0	30.48780488	946.9512195	3.048780488	2.286585366	0.091463415	
107	65 RI		r31	n	100	0	19.81707317	966.7682927	3.048780488	3.048780488	0.091463415	
107	66 RU		ru15	d	100	0	7.926829268	974.695122	0.914634146	3.048780488	0.304878049	
107	67 OT				100	0	39.63414634	1014.329268	2.43902439	7.62195122	1.676829268	
107	68 RI		r32	e	100	0	41.15853659	1055.487805	2.134146341	2.286585366	0.12195122	
107	69 SP		p17	d	100	0	14.63414634	1070.121951	1.219512195	2.37804878	0.609756098	
107	70 RI		r33	n	100	0	11.58536585	1081.707317	2.286585366	2.43902439	0.12195122	
107	71 SP		p18	d	100	0	9.146341463	1090.853659	3.048780488	2.43902439	0.914634146	
107	72 SP		p19	d	100	0	13.7195122	1104.573171	0.609756098	3.048780488	0.365853659	
107	73 RI		r34	n	100	0	16.15853659	1120.731707	5.487804878	7.926829268	0.12195122	
107	74 SP		p20	n	100	0	21.95121951	1142.682927	2.134146341	5.182926829	0.914634146	
107	75 SP		p21	d	100	0	6.707317073	1149.390244	1.829268293	0.914634146	0.548780488	
107	76 RI		r35	n	100	0	13.7195122	1163.109756	1.219512195	0.914634146	0.426829268	
107	77 OT				100	0	21.34146341	1184.45122	7.62195122	2.134146341	0.884146341	
107	78 RI		r36	n	100	0	13.41463415	1197.865854	4.573170732	1.829268293	0.12195122	

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	CumD.m	top.w.	bot.w.	max.d.	comments
107	79 RU		ru16	n	100	0	26.82926829	1224.695122	2.591463415	3.506097561	0.365853659	
107	80 RI		r37	n	100	0	25.91463415	1250.609756	6.097560976	6.097560976	0.152439024	
107	81 SP		p22	d	100	0	29.57317073	1280.182927	4.87804878	8.536585366	0.701219512	
107	82 RI		r38	n	100	0	10.97560976	1291.158537	2.134146341	2.743902439	0.274390244	
107	83 DP		p23	d	100	0	29.57317073	1320.731707	2.743902439	2.286585366	1.676829268	
107	84 RI		r39	n	100	0	23.7804878	1344.512195	2.743902439	1.981707317	0.152439024	
107	85 DP		p24	d	100	0	16.15853659	1360.670732	3.963414634	3.048780488	1.067073171	
107	86 RI		r40	n	100	0	41.15853659	1401.829268	2.134146341	4.268292683	0.243902439	
107	87 RU		ru17	n	100	0	11.8902439	1413.719512	1.219512195	2.43902439	0.365853659	
107	88 RI		r41	n	100	0	4.87804878	1418.597561	4.573170732	1.219512195	0.182926829	
107	89 OT				100	0	13.7195122	1432.317073	2.134146341	4.573170732	0.914634146	
107	90 RI		r42	n	100	0	7.62195122	1439.939024	4.268292683	1.829268293	0.091463415	
107	91 RU		ru18	d	100	0	5.487804878	1445.426829	1.37195122	3.658536585	0.365853659	
107	92 SP		p25	d	100	0	14.63414634	1460.060976	3.048780488	3.658536585	0.792682927	
107	93 RI		r43	n	100	0	7.926829268	1467.987805	4.268292683	2.591463415	0.152439024	
107	94 OT				100	0	8.536585366	1476.52439	4.573170732	2.743902439	0.701219512	
107	95 SP		p26	n	100	0	12.19512195	1488.719512	1.37195122	1.524390244	0.701219512	
107	96 RI		r44	e	85		9.756097561	1498.47561	3.048780488	1.981707317	0.213414634	
107	97 RU		ru19	d	15		7.012195122	1495.731707	2.134146341	1.219512195	0.213414634	
107	98 RU		ru20	d	85		4.573170732	1503.04878	2.134146341	3.048780488	0.457317073	
107	99 RI		r45	n	100	0	10.67073171	1513.719512	3.658536585	2.743902439	0.152439024	
107	100 SP		p27	d	100	0	4.573170732	1518.292683	6.097560976	6.402439024	0.487804878	
107	101 SP		p28	d	100	0	10.67073171	1528.963415	9.146341463	2.43902439	0.609756098	
107	102 RI		r46	n	100	0	21.34146341	1550.304878	4.573170732	7.62195122	0.213414634	
107	103 DP		p29	n	100	0	6.402439024	1556.707317	6.097560976	2.743902439	1.158536585	
107	104 SP		p30	d	100	0	8.841463415	1565.54878	1.829268293	3.658536585	0.914634146	
107	105 OT				100	0	12.19512195	1577.743902	7.926829268	4.268292683	0.731707317	
107	106 SP		p31	n	100	0	9.146341463	1586.890244	1.219512195	2.743902439	0.884146341	
107	107 RI		r47	n	100	0	5.182926829	1592.073171	2.43902439	0.762195122	0.152439024	at start of monitoring station #165
107	108 OT				100	0	18.29268293	1610.365854	1.829268293	1.829268293	0.762195122	
107	109 RI		r48	n	100	0	23.47560976	1633.841463	3.658536585	3.048780488	0.152439024	
107	110 SP		p32	d	100	0	10.67073171	1644.512195	3.963414634	2.43902439	0.853658537	
107	111 RI		r48	n	100	0	6.097560976	1650.609756	1.829268293	2.134146341	0.091463415	end at 200 feet of st. 165

HUC
Mad Redwood

Drainage
Humoldt Bay

Date
10/07/00-10/08/00

Stream
Freshwater

Reach
102

Crew
Hair
McCulloch
McCanne

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chrcode	length	top.w.	bot.w.	max.d.	comments
102	1 OT			N	100	0	23	1	3	0.9	stagnant water with slick on top (oil?)
102	2 RI			1 N	100	0	3.3	2.62	1	0.09	
102	3 SP			1 D	100	0	10.3	3.22	2.62	0.46	
102	4 RI			2 N	100	0	5.1	2.36	3.22	0.7	
102	5 RU			1 N	100	0	15	1.46	2.36	0.25	
102	6 OT			N	100	0	6.9	2.5	1.46	0.44	more like a glide then a pool, narrow with uniform substrate
102	7 SP			2 D	100	0	32.2	5.9	2.5	1.09	Recommend dive light
102	8 OT			N	100	0	12	8.5	6.4	0.15	
102	9 RI			3 N	100	0	8.3	9.9	8.5	0.05	
102	10 RI			4 N	50	1	5.4	1.96	2.14	0.08	
102	11 SP			3 D	50	1	7.4	1.75	1.96	0.44	
102	12 SC			N	50	2	16.7	1.4	2.65	0.36	
102	13 RI			5 M	100	0	9.8	9.3	1.75	0.02	
102	14 SP			4 D	100	0	55.9	11.1	9.3	0.66	Glide like
102	15 RU			2 N	90	1	7.3	4.9	8.2	0.2	
102	16 SC			N	10	2	8.4	1.9	2.05	0.4	
102	17 OT			N	100	0	38.2	4.8	9.4	0.89	5 fallen trees-alder
102	18 RI			6 E	70	1	7.4	1.77	2.15	0.13	subsurface flow
102	19 SC			N	30	2	7.8	3.5	1.4	0.01	
102	20 SP			5 D	100	0	14.5	3.15	6.8	0.69	
102	21 OT			N	100	0	34.1	9.4	3.15	0.45	
102	22 SP			6 N	100	0	14.4	2.75	9.4	0.47	unit may have small dry tributary
102	23 RI			7 N	85	1	14.1	4.75	2.75	0.15	
102	24 SC			N	15	2	20.1	1.57	2.12	0.3	
102	25 SP			7 N	100	0	21.5	3	4.75	0.77	
102	26 RI			8 N	100	0	4.5	3.34	3	0.9	
102	27 SP			8 D	100	0	24.2	3.45	3.34	0.67	
102	28 RI			9 N	100	0	3.7	4.4	3.45	0.16	
102	29 OT			N	100	0	100.8	5.5	4.4	0.86	Glide like
102	30 RI			10 N	100	0	16.3	2.22	2.1	0.21	
102	31 SP			9 D	100	0	19.6	4.44	2.22	0.62	
102	32 SP			10 D	100	0	13.6	2.58	4.44	0.44	
102	33 RI			11 N	100	0	8.3	1.4	2.58	0.14	Stream bed has been altered, gravel piled up by hand, influences flow.
102	34 DP			1 D	100	0	20.4	3	1.4	1.17	
102	35 OT			N	100	0	7.4	1.4	3	0.43	
102	36 DP			2 D	100	0	21.5	8.1	1.4	1.26	

Reach.No	Unit.No	Hab Code	Phase1	fish?	flow	Ciicode	length	top.w.	bot.w.	max.d.	comments
102	37 OT		N		100	0	35.1	1.55	8.1	0.76	
102	38 RI		12 N		100	0	5.3	4.7	1.55	0.7	
102	39 DP		3 D		100	0	15.7	6.7	4.7	1.16	
102	40 SP		11 N		100	0	11.8	3.87	6.7	0.5	
102	41 RU		3 N		100	0	14.4	1.7	3.87	0.42	
102	42 RI		13 N		100	0	2.6	1.95	1.7	0.1	
102	43 OT		N		100	0	26.6	6.9	1.95	0.4	
102	44 SP		12 N		100	0	8	3.96	6.9	0.44	caddisflies present
102	45 OT		N		100	0	17.6	3.4	3.96	0.26	
102	46 RI		14 N		100	0	7.3	4.28	3.4	0.2	
102	47 SP		13 N		100	0	23.6	8.3	4.28	0.53	
102	48 DP		4 D		100	0	26	5.4	8.3	1.42	
102	49 RI		15 N		90	1	52.7	6.26	4.8	0.5	
102	50 SC		N		10	2	27.3	0.32	0.32	0.05	Wetted tributary
102	51 SP		14 D		100	0	41.3	5	6.262	0.87	
102	52 RI		16 N		100	0	16.8	4.5	5	0.25	
102	53 OT		N		100	0	41.4	9.5	4.5	0.45	
102	54 SP		15 D		100	0	28.2	8.6	9.5	0.6	
102	55 OT		N		100	0	8	7.6	8.6	0.4	
102	56 SP		16 D		100	0	19.1	8.05	7.6	0.9	Under bridge, caddisfly casings
102	57 OT		N		100	0	29.7	4.7	8.05	0.39	
102	58 RI		17 N		100	0	4.3	5.9	4.7	0.06	
102	59 OT		N		100	0	26.3	3.9	5.9	0.28	
102	60 RI		18 E		90	1	7.3	4.4	2.2	0.15	
102	61 SC		N		10	2	12.5	1.5	1.3	0.6	
102	62 OT		N		100	0	64.4	6.37	6.01	0.5	
102	63 RU		4 D		100	0	7	7.4	6.37	0.44	
102	64 OT		N		100	0	6.6	5.5	7.4	0.55	
102	65 OT		N		100	0	13.3	5.9	5.5	0.6	
102	66 SP		17 D		100	0	19.7	2.94	5.9	0.55	
102	67 OT		N		100	0	23.5	4.61	2.94	0.6	
102	68 RI		19 N		85	1	19.2	8.1	1.6	0.26	
102	69 SC		N		5	2	8.5	0.25	0.8	0.05	
102	70 SC		N		10	3	8.8	1.85	1.5	0.36	
102	71 OT		N		100	0	14.3	4.63	2.55	0.44	
102	72 RI		20 N		100	0	5.9	4.3	4.63	0.2	

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Circode	length	top.w.	bot.w.	max.d.	comments
102	73 OT			N	100	0	15.4	4.55	4.3	0.39	
102	74 RI		21 N		90	1	15	3.93	2.64	0.2	
102	75 OT			N	90	1	8.4	3.75	3.93	0.25	
102	76 SC			N	10	2	10.2	0.67	2.5	0.14	
102	77 OT			N	100	0	26.2	1.9	0.67	0.55	
102	78 RI		22 N		100	0	6.8	6.2	1.9	0.04	
102	79 OT			N	100	0	27.3	4.8	6.2	0.6	change to OT cow dung
102	80 OT			N	100	0	45.6	6.1	4.8	0.57	
102	81 SP		19 D		100	0	9.2	6.7	6.1	0.59	
102	82 OT			N	100	0	34.2	5.3	6.7	0.55	
102	83 OT			N	100	0	16.9	3.15	5.3	1.1	
102	84 RI		23 N		100	0	9.1	5.36	3.15	0.7	
102	85 OT			N	100	0	14.2	3.45	5.36	0.39	
102	86 SP		20 D		100	0	10.7	4.95	3.45	0.47	
102	87 OT			N	100	0	11.1	1.2	4.95	0.44	
102	88 RI		24 N		100	0	3.3	3.55	1.2	0.14	
102	89 OT			N	100	0	42.6	2.85	3.55	0.54	
102	90 RI		25 N		100	0	14.5	7.45	2.85	0.1	
102	91 OT			N	100	0	24.4	4.15	7.45	0.39	
102	92 RI		26 N		100	0	5.6	5.9	4.15	0.11	
102	93 OT			N	100	0	33.7	4.05	5.9	0.41	
102	94 RI		27 N		100	0	6.3	4.22	4.05	0.08	
102	95 OT			N	100	0	5.6	1.1	4.22	0.4	
102	96 RI		28 N		60	1	16.4	12.3	1.1	0.05	
102	97 SC			N	40	2	20	1.4	1.5	0.3	
102	98 SP		21 N		100	0	35.5	6.1	12.3	0.57	
102	99 OT			N	100	0	16.6	4.5	6.1	0.3	
102	100 SP		22 N		100	0	4.6	2.5	4.5	0.65	oil slick stuff
102	101 OT			N	100	0	6.4	1.5	2.5	0.24	
102	102 RI		29 N		100	0	1.5	1.28	1.5	0.05	
102	103 OT			N	100	0	2.9	1.9	1.28	0.5	
102	104 RI		30 E		100	0	7	3.2	1.9	0.6	
102	105 OT			N	100	0	3.2	2.1	3.2	0.78	
102	106 RI		31 N		100	0	5.3	2.5	2.1	0.08	
102	108 RI		32 N		100	0	12.2	1.3	2.5	0.3	wetted width is ?
102	109 RU		5 D		100	0	31.4	12.5	1.3	0.95	Only flagged bottom

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
102	110	OT			100	0	53	7.9	12.5	0.44	
102	111	RU	6 D		100	0	17.7	8.1	7.9	0.48	
102	112	OT			100	0	73	5.85	8.1	0.45	
102	113	RI	33 N		95	1	4.9	2.6	1.85	0.06	
102	114	SP	23 N		95	1	6.7	1.9	2.6	0.37	
102	115	RI	34 N		65	1	18.4	2.84	7.6	0.24	
102	116	RI	35 N		65	1	14.5	4.6	2.84	0.08	
102	117	SC			5	2	9.8				
102	118	OT			35	2	27.1	2.15	2.6	0.76	
102	119	SP	24 D		100	0	43	6.55	5.3	0.97	
102	120	DP	5 D		100	0	23.3	6.8	6.55	1.38	log jam makes top and bottom different
102	121	OT			100	0	37.7	2.84	8	1.12	Small pocket pool
102	122	RI	36 N		100	0	16.7	5.9	2.84	0.35	Top width too wide

HUC	Drainage	Date	Stream	Reach	Crew
Mad-Redwood	Mad River	10/5/2000	Lindsey	58	Josh Boyce Yarrow King

Fish data?

Reach, No	Unit, No	Hab. Code	phase 1 fish?	flow	Chcode	length	top. w.	bot. w.	max. d.	comments
58	001	RI	1 n	100	0	4.6	2.8	2.5	0.1	
58	002	SP	1 d	100	0	6.9	4	2.8	0.3	
58	003	SP	2 d	100	0	20.3	2.5	4	0.7	
58	004	RI	2 n	100	0	4.7	2.7	2.5	0.1	
58	005	OT	n	100	0	20.4	4.2	2.7	1.25	due to cowshit and clarity of water, we switched to 30m efish units
58	001	RI	n	100	0	330	3.5	2.5	1.25	too deep, poor clarity so ended
58	002	RI	e	100	0	36.3	3.5	3.5	0.7	survey, restarted upstream approx.
58	003	RI	n	100	0	343.1	3.5	3.5	1.2	300m
58	001	RI	n	100	0	357.9	4.1	6.5	1.5	
58	002	RI	e	100	0		4.1	4.1		Survey aborted- cannot sample

HUC	Drainage	Stream	Reach	Divers	Date	water/air temp
Mad-Redwood	Humboldt Bay	Freshwater	112	Mark Freitas	9/18/2000	13/17 10:30am

listed as Graham Gulch
in Excel spreadsheet

Reach.No.	Unit.No.	Diver	Species	age	DIVE1	DURATION1	Vis	Phase2	Efish	DIVE2	DURATION2	DIVE3	DURATION3	DIVE4	DURATION4	Comments
112	3	M.F.	CO	O+	0	170 G	y		n	0	200	0	240	0	250	no comments
112	5	M.F.	CO	O+	0	300 G	n		n							
112	16	M.F.	CO	O+	0	130 G	n		n							
112	21	M.F.	CO	O+	0	95 G	y		n	0	110	0	100	0	105	
112	23	M.F.	CO	O+	0	215 G	n		n							
112	26	M.F.	CO	O+	0	123 G	y		n	0	105	0	95	0	95	
112	29	M.F.	CO	O+	0	140 G	n		n							
112	30	M.F.	CO	O+	0	135 G	n		n							
112	31	M.F.	CO	O+	0	160 G	y		n	0	150	0	150	0	155	
112	33	M.F.	CO	O+	0	135 G	n		n							

HUC	Drainage	Date	Stream	Reach	Crew
Mad-Redwood	Humboldt Bay	8/18/00+9/11/00	Freshwater	112	R.Darby S.Stanish M.Freitas D.Brown

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
112	001	OT									CULVERT
112	002	RI	r1	n	100	0	17.683	1.220	0.372	0.061	
112	003	SP	p1	d	100	0	5.183	4.268	1.301	0.610	
112	004	RI	r2	n	100	0	12.805	2.439	0.744	0.061	
112	005	SP	p2	d	100	0	9.146	3.963	1.208	0.823	
112	006	RI	r3	n	100	0	18.902	2.134	0.651	0.061	
112	007	RI	r4	n	100	0	5.488	2.439	0.744	0.122	
112	008	SP	p3	n	100	0	14.634	2.744	0.837	0.488	
112	009	RU	ru1	n	100	0	7.622	0.915	0.279	0.366	
112	010	RI	r5	n	100	0	3.659	0.610	0.186	0.030	
112	011	OT			100	0	8.232	1.524	0.465	0.427	
112	012	SP	p4	n	100	0	7.012	0.915	0.279	0.457	
112	013	SP	p5	n	100	0	9.451	1.524	0.465	0.793	
112	014	RI	r6	n	100	0	20.427	0.610	0.186	0.030	
112	015	OT			100	0	5.183	1.220	0.372		
112	016	RU	ru2	d	100	0	6.402	0.915	0.279	0.122	
112	017	OT			100	0	6.707	0.610	0.186	0.274	
112	018	RI	r7	e	100	0	12.195	1.220	0.372	0.061	
112	019	RI	r8	n	100	0	12.195	0.915	0.279	0.061	
112	020	RI	r9	n	100	0	10.671	0.915	0.279	0.061	
112	021	SP	p6	d	100	0	7.317	1.220	0.372	0.213	
112	022	RI	r10	n	100	0	3.963	0.915	0.279	0.061	
112	023	SP	p7	d	100	0	4.573	0.915	0.279	0.183	
112	024	RI	r11	n	100	0	11.280	2.470	0.753	0.061	
112	025	SP	p8	n	100	0	14.024	3.780	1.153	0.762	
112	026	RU	ru3	d	100	0	3.659	1.006	0.307	0.305	
112	027	RI	r12	n	100	0	4.878	1.860	0.567	0.061	
112	028	RU	ru4	n	100	0	3.659	0.976	0.297	0.183	
112	029	SP	p9	d	100	0	6.402	0.915	0.279	0.518	
112	030	SP	p10	d	100	0	5.183	1.402	0.428	0.244	
112	031	SP	p11	d	100	0	10.671	2.561	0.781	0.396	
112	032	RI	r12	n	100	0	14.634	1.585	0.483	0.091	
112	033	SP	p12	d	100	0	9.756	1.646	0.502	0.640	
112	034	RI	r13	n	100	0	6.707	1.768	0.539	0.122	
112	035	OT			100	0	4.268	1.067	0.325	0.152	
112	036	SP	p13	n	100	0	12.195	1.220	0.372	0.305	
112	037	RI	r14	n	100	0	29.268	2.500	0.762	0.091	
112	038	SP	p14	n	100	0	11.280	0.640	0.195	0.213	
112	039	RI	r15	n	100	0	6.707	1.738	0.530	0.061	
112	040	SP	p15	n	100	0	16.159	0.762	0.232	0.488	
112	041	RI	r16	n	100	0	21.951	1.372	0.418	0.091	
112	042	RU	ru5	d	100	0	10.061	1.890	0.576	0.183	
112	043	RI	r17	n	100	0	3.659	2.134	0.651	0.091	
112	044	SP	p16	d	100	0	6.707	1.037	0.316	0.549	
112	045	RI	r18	n	100	0	7.622	2.043	0.623	0.122	
112	046	SP	p17	d	100	0	12.195	1.159	0.353	0.427	
112	047	OT			100	0	3.659	1.707	0.521	0.183	
112	048	SP	p18	d	100	0	7.317	1.372	0.418	0.244	
112	049	RI	r19	e	100	0	9.756	2.043	0.623	0.152	
112	050	SP	p19	n	99		6.098	1.524	0.465	0.671	

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
112	051	RI	ri20	n	80		7.317	1.524	0.465	0.061	
112	052	SP	p20	n	100	0	13.720	0.640	0.195	0.549	
112	053	RI	ri21	n	100	0	7.317	1.067	0.325	0.091	
112	054	SP	p21	d	100	0	8.841	1.006	0.307	0.244	
112	055	OT			80		6.402	4.268	1.301	0.305	
112	056	SC	p22	n	20		11.280	1.433	0.437	0.518	
112	057	RI	ri22	n	100	0	9.146	2.195	0.669	0.091	
112	058	SP	p23	d	100	0	6.402	1.677	0.511	0.396	
112	059	RI	ri23	n	100	0	10.061	0.610	0.186	0.152	
112	060	SP	p24	n	100	0	5.793	1.616	0.493	0.244	
112	061	RI	ri24	n	100	0	5.488	0.732	0.223	0.091	
112	062	SP	p25	n	100	0	10.366	4.024	1.227	0.640	
112	063	RI	r25	n	100	0	7.012	1.738	0.530	0.122	
112	064	SP	p26	d	100	0	13.415	2.591	0.790	0.396	
112	065	OT			100	0	12.805	0.976	0.297	0.213	
112	066	SP	p27	d	100	0	7.317	2.744	0.837	0.518	
112	067	SP	p28	d	100	0	7.622	4.878	1.487	0.488	
112	068	SC	p29	d	5		4.573	0.915	0.279	0.823	
112	069	RI	r26	n	95		4.573	1.341	0.409	0.091	
112	070	SP	p30	d	100	0	24.390	1.220	0.372	0.762	
112	071	RI	r27	n	100	0	3.659	0.823	0.251	0.061	
112	072	SP	p31	d	100	0	3.354	0.976	0.297	0.457	
112	073	RI	r28	n	100	0	16.768	2.896	0.883	0.152	
112	074	SP	p32	n	100	0	16.768	2.439	0.744	0.793	
112	075	RI	r29	n	100	0	6.098	0.854	0.260	0.122	
112	076	OT			100	0	12.195	2.439	0.744	0.884	
112	077	SP	p33	d	100	0	3.963	1.067	0.325	0.884	
112	078	SP	p34	d	100	0	2.439	1.006	0.307	0.518	
112	079	RI	r30	n	100	0	4.878	0.488	0.149	0.183	
112	080	SP	p35	d	100	0	2.744	3.811	1.162	0.335	
112	081	RI	r31	e	100	0	5.488	1.860	0.567	0.091	
112	082	SP	p36	n	100	0	5.183	3.780	1.153	0.244	
112	083	SP	p37	n	100	0	6.707	0.579	0.177	0.274	
112	084	DP	p38	d	100	0	7.622	2.744	0.837	1.006	
112	085	RI	r32	n	100	0	7.927	1.768	0.539	0.122	
112	086	SP	p39	n	100	0	5.183	2.713	0.827	0.396	
112	087	SP	p40	n	100	0	8.232	1.372	0.418	0.213	
112	088	RI	r33	n	100	0	6.707	1.372	0.418	0.122	
112	089	SP	p41	n	100	0	5.488	0.640	0.195	0.274	
112	090	RU	ru6	d	100	0	8.537	1.372	0.418	0.152	
112	091	SP	p42	d	60		4.268	0.335	0.102	0.244	
112	092	SP	p43	d	40		2.744	0.793	0.242	0.244	
112	093	RI	r34	n	100	0	5.183	1.250	0.381	0.091	
112	094	SP	p44	d	100	0	3.659	1.494	0.455	0.274	
112	095	SP	p45	d	100	0	4.878	1.067	0.325	0.457	
112	096	RI	r35	n	100	0	14.024	1.829	0.558	0.152	trib enters at LB
112	097	SP	p46	n	100	0	5.488	1.280	0.390	0.244	
112	098	SP	p47	d	100	0	7.622	1.159	0.353	0.518	
112	099	RI	r36	n	100	0	15.549	0.701	0.214	0.091	
112	100	OT			100	0	13.110	0.549	0.167	0.427	

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
112	101	RI	r37	n	100	0	6.098	1.280	0.390	0.091	
112	102	RU	ru7	n	100	0	5.488	2.652	0.809	0.274	
112	103	RI	r38	n	100	0	22.561	0.762	0.232	0.091	
112	104	RU	ru8	n	100	0	10.061	1.311	0.400	0.213	
112	105	RI	r39	n	100	0	7.927	1.463	0.446	0.091	
112	106	RI	ru9	d	100	0	9.146	1.067	0.325	0.274	
112	107	SP	p48	d	100	0	5.488	1.585	0.483	0.427	
112	108	RI	r40	n	100	0	8.841	1.372	0.418	0.152	
112	109	SP	p49	d	100	0	3.659	1.829	0.558	0.457	
112	110	SP	p50	n	100	0	3.049	2.500	0.762	0.244	
112	111	RI	r41	n	100	0	10.671	1.433	0.437	0.122	
112	112	SP	p51	n	100	0	5.183	2.713	0.827	0.183	ASIS #50 on strip
112	113	RU	ru10	n	100	0	11.280	1.220	0.372	0.152	
112	114	RI	r42	n	100	0	5.488	1.616	0.493	0.122	
112	115	SP	p52	d	100	0	2.744	0.915	0.279	0.213	
112	116	SP	p53	d	100	0	5.488	0.915	0.279	0.213	
112	117	SP	p54	d	100	0	6.402	0.549	0.167	0.640	
112	118	RI	r43	e	100	0	10.671	1.372	0.418	0.061	
112	119	SP	p55	d	100	0	7.317	1.677	0.511	0.884	
112	120	RI	r44	n	100	0	5.488	1.494	0.455	0.213	
112	121	SP	p56	n	100	0	7.622	3.354	1.022	0.762	
112	122	RI	r45	n	100	0	3.963	1.128	0.344	0.091	
112	123	SP	p57	d	100	0	7.012	0.976	0.297	0.549	
112	124	RI	r46	n	100	0	10.671	2.500	0.762	0.183	
112	125	SP	p58	n	100	0	7.012	1.524	0.465	0.335	
112	126	RI	r47	n	100	0	5.183	1.159	0.353	0.091	
112	127	SP	p59	d	100	0	9.756	1.220	0.372	0.244	
112	128	RI	r48	n	100	0	30.488	1.921	0.586	0.122	
112	129	SP	p60	d	100	0	13.415	3.659	1.115	0.732	
112	130	RI	r49	n	100	0	8.537	1.220	0.372	0.122	
112	131	SP	p61	d	100	0	10.671	2.195	0.669	0.244	
112	132	RI	r50	n	100	0	4.573	0.915	0.279	0.091	
112	133	OT			100	0	7.927	0.976	0.297	0.305	
112	134	SP	p62	n	100	0	9.756	2.744	0.837	0.671	
112	135	SP	p63	d	100	0	6.402	1.220	0.372	0.457	
112	136	RI	r51	n	100	0	10.061	2.226	0.679	0.091	
112	137	SP	p64	n	100	0	10.366	2.287	0.697	0.396	
112	138	RI	r52	n	100	0	8.537	0.854	0.260	0.183	
112	139	SP	p65	n	100	0	5.488	0.915	0.279	0.671	
112	140	RI	r53	n	100	0	6.098	0.427	0.130	0.122	
112	141	SP	p66	d	100	0	9.146	2.134	0.651	0.732	
112	142	RI	r54	n	100	0	12.500	1.159	0.353	0.122	
112	143	SP	p67	d	100	0	5.183	1.524	0.465	0.183	
112	144	SP	p68	d	100	0	9.146	2.896	0.883	0.793	
112	145	RI	r55	e	100	0	4.573	0.610	0.186	0.091	
112	146	SP	p69	d	100	0	5.183	0.854	0.260	0.274	
112	147	RI	r56	n	100	0	3.659	1.982	0.604	0.061	
112	148	SP	p70	n	100	0	11.585	2.439	0.744	0.579	
112	149	RI	r57	n	100	0	7.927	1.006	0.307	0.244	
112	150	SP	p71	d	100	0	6.402	0.701	0.214	0.274	

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
112	151	SP	p72	d	100	0	3.963	2.348	0.716	0.366	
112	152	SP	p73	d	100	0	2.744	0.671	0.204	0.335	
112	153	RI	r58	n	100	0	5.488	0.549	0.167	0.152	
112	154	OT			100	0	7.622	0.762	0.232	1.037	
112	155	OT			100	0	12.195	2.744	0.837	0.305	
112	156	SP	p74	d	100	0	8.232	0.457	0.139	0.213	
112	157	OT			100	0	14.634	1.067	0.325	0.244	
112	158	SP	p75	n	100	0	13.110	1.220	0.372	0.213	
112	159	RI	r59	n	100	0	7.622	0.915	0.279	0.091	
112	160	SP	p76	n	100	0	3.049	3.659	1.115	0.213	
112	161	RI	r60	n	100	0	7.622	1.067	0.325	0.091	
112	162	SP	p77	n	100	0	4.878	0.610	0.186	0.213	
112	163	SP	p78	d	100	0	6.098	0.457	0.139	0.183	
112	164	RI	r61	n	100	0	16.768	1.463	0.446	0.061	
112	165	SP	p79	n	100	0	7.927	1.006	0.307	0.366	
112	166	OT			100	0	6.098	1.220	0.372	0.274	
112	167	RI	r62	n	100	0	10.671	0.976	0.297	0.061	
112	168	SP	p80	d	100	0	4.573	1.159	0.353	0.305	

HUC	Drainage	Stream	Date	Recorder	Efisher	Netters	AdditionalCrew
Mad-Redwood	Prairie Creek	Brown Creek	9/28/2000	YRK	JB	DM, YRK, JI	

BROWN CREEK # 172.00

REACHNO	UNITNO	EPASSNO	SPECCODE	AGECLASS	LIVECOUNT	MORTCOUNT	FISHCOUNT	COMMENTS
19	2	1 CO	0+		6		06	
19	2	1 UT	0+		6		17	2 Salamanders
19	2	1 UT	1+		1		01	
19	2	2 CO	0+		4		04	
19	2	2 UT	0+		1		01	5 Salamanders
19	2	2 UT	1+		1		01	
19	2	3 UT	0+		2		13	1 Salamander, 1 tailed frog tadpole
19	4	1 UT	0+		7		07	3 Salamanders
19	4	1 UT	1+		1		01	
19	4	2 UT	0+		3		03	1 Salamanders
19	4	3 UT	0+		2		02	
19	6	1 UT	0+		3		03	1 Salamander
19	6	1 UT	1+		2		02	
19	6	2 UT	0+		6		06	11 Salamanders
19	6	2 UT	1+		3		03	1 TAILED FROG
19	6	3 UT	0+		2		02	
19	6	3 UT	1+		1		01	2 Salamanders
19	8	1 UT	0+		8		08	1 Salamander
19	8	1 UT	1+		3		03	
19	8	2 UT	1+		1		01	
19	8	2 UT	0+		2		02	1 Salamander
19	8	3 UT	1+		1		01	
19	10	1 CO	0+		0		00	2 Salamanders
19	10	1 UT	0+		5		05	
19	10	2 CO	0+		0		00	
19	10	2 UT	0+		4		04	
19	10	2 CT	1+		2		02	
19	10	3 CO	0+		0		00	
19	10	3 UT	1+		0		00	
19	12	1 UT	0+		8		08	
19	12	1 UT	1+		4		04	
19	12	2 UT	0+		2		02	
19	12	2 UT	0+		2		02	
19	14	1 CO	0+		0		00	1 Salamander
19	14	1 UT	0+		0		00	
19	14	1 UT	1+		3		03	
19	14	2 CO	0+		0		00	
19	14	2 UT	0+		1		01	
19	14	2 UT	1+		1		01	
19	14	3 CO	0+		0		00	
19	14	3 UT	0+		0		00	
19	14	3 UT	1+		1		01	

UnitNo.	Pass	start	stop	duration	watertemp
2	1	0	144		12
2	2	144	296		12
2	3	296	439		12
4	1	0	147		12
4	2	147	319		12
4	3	319	456		12
6	1	0	153		13
6	2	153	300		13
6	3	301	451		13
8	1	0	160		13
8	2	160	321		13
8	3	321	481		13
10	1	0	144		13
10	2	144	282		13
10	3	282	464		13
12	1	0	149		12
12	2	149	308		12
12	3	309	457		12
14	1	0	149		12
14	2	149	316		12
14	3	316	432		12

Unit.No	flow	Chcode	length	CumD.m
1	100	0	47.5	47.5
2	100	0	30	77.5
3	100	0	330	407.5
4	100	0	30	437.5
5	100	0	334.7	772.2
6	100	0	30	802.2
7	100	0	330	1132.2
8	100	0	41	1173.2
9	100	0	355	1528.2
10	100	0	30	1558.2
11	100	0	342.9	1901.1
12	100	0	33.4	1934.5
13	100	0	345.8	2280.3
14	100	0	30	2310.3
15	100	0	330	2640.3
16	100	0	30	2670.3

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
19	1 RI			N	100	0	47.5	1.3	2	0.7	1st e-fish unit begins 12.5 meters downstream from bridge on Prairie Creek trail, via auxillary trail from scenic byway. Entrance to this trail is across the street from South Fork trail @ 129 miles.
19	2 RI			E	100	0	30	7	1.3	0.4	
19	3 RI			N	100	0	330	2	7	0.4	
19	4 RI			E	100	0	30	3	2	0.3	Trib on right side 62m up from last e-fish unit.
19	5 RI			N	100	0	334.7	1.5	1.5	0.5	trail very close to creek, 25m up from last e-fish unit is footbridge
19	6 RI			E	100	0	30	1.5	1.5	0.3	
19	7 RI			N	100	0	330	1	1.5	0.5	Creek goes subsurface @ 276m (from top of unit 6). Plaque @ 287m visible from creek "To Robert Gordon McKay from Alexandra"
19	8 RI			E	100	0	41	2	1	0.3	Unit 8 goes subsurface for 6.5m so we added 6.5m to e-fish unit. Did not break habitat unit
19	9 RI			N	100	0	355	1	2	0.3	Unit 9 @ 78m the trail was adjacent to the creek. At 295m there was a plaque w/ Mr. Schenck name on it. Bridge for trail out.
19	10 RI			E	100	0	30	4	1	0.3	bottom of e-fish unit 10 5m downstream from edge of trail.
19	11 RI			N	100	0	342.9	1.4	4	0.38	Large log down in creek. Trail close to right bank.
19	12 RI			E	100	0	33.4	1.4	1.4	0.34	
19	13 RI			N	100	0	345.8	0.9	1.4	0.5	Many one log obstructions. One fish sighted in pool @ 100m. Footbridge at 270m.
19	14 RI			E	100	0	30	0.8	0.9	0.45	1+ UT sighted at 110m. At 120m channel goes dry. DC ends at 132.7 m. gradient increases around 200m. Dominant substrate is boulders and cobble at 270.4m
19	15 RI			N	100	0	330	2	0.8	0.82	unit 15 is end of anadromy. Upstream 35m of bedrock constrained boulder strewn channel w/ > 2m bedrock vertical plunge. Above this channel gradient remains steep, examination of next three pools showed two 0+ trout.
19	16 RI			E	100	0	30	1.8	2	0.34	place flags @ unit 16 to test end of anadromy.

HUC

Mad-Redwood

Drainage

Stream

Canon

Reach

Divers

78 BDM

MDB

RBF

Date

8/8-8/9/2000

CANON CREEK (DIVE + E-FISH)
205.00

Reach. No.	Unit. No.	Diver	Species	age	DIVE1	DURATION1	Vis	Phase2	Efish	DIVE2	DURATION2	DIVE3	DURATION3	DIVE4	DURATION4	Comments
78	148	RWA	CO	0+	0					0		0		0		
78	148	RWA	SH	1+	2					3		3		3		
78	151	RWA	CO	0+	2					5		4		5		
78	151	RWA	SH	1+	5					4		4		4		
78	153	RBF	CO	0+	0					0		0		0		
78	153	RBF	SH	1+	4					5		5		4		
78	154	MDB	CO	0+	0											No Fish
78	157	MDB	CO	0+	0											No Fish
78	163	MDB	CO	0+	4											
78	163	MDB	SH	1+	9											
78	165	RBF	CO	0+	10					8		9		12		
78	165	RBF	SH	1+	14					16		17		20		
78	165	RBF	CT	1+	2					3		2		2		
78	165	RBF	CO	0+	3					5		5		5		
78	167	MDB	SH	1+	6					6		7		4		
78	171	RWA	CO	0+	13											
78	171	RWA	SH	1+	12											
78	171	RWA	CT	1+	1											
78	174	RWA	CO	0+	8					10		11		9		
78	174	RWA	CH	0+	0					1		1		1		
78	174	RWA	SH	1+	20					18		21		17		
78	179	MDI/RBF	CO	0+	0					1		0		0		
78	179	MDI/RBF	CH	0+	1					5		5		4		
78	183	RBF	CO	0+	3					1		0		0		
78	183	RBF	CH	0+	0					9		11		10		
78	183	RBF	SH	1+	11					0		1		0		
78	183	RBF	CT	1+	1											
78	187	MDB	CO	0+	0											
78	187	MDB	SH	1+	4					0		0		0		
78	189	MDB	CO	0+	0					7		9		10		
78	189	MDB	SH	1+	6											
78	190	MDB	CO	0+	0											
78	190	MDB	SH	1+	2											
78	191	RBF	CO	0+	1											
78	191	RBF	SH	1+	10					0		0		0		
78	193	MDB	CO	0+	0					2		2		2		
78	193	MDB	SH	1+	4											
78	195	RBF	CO	0+	0											
78	195	RBF	SH	1+	3											
78	197	RBF	CO	0+	11											
78	197	RBF	SH	1+	18					0		0				
78	199	MDB	CO	0+	0											

CANON CREEK # 205.00

Reach.No.	Unit.No.	Diver	Species	age	DIVE1	DURATION1	Vis	Phase2	Efish	DIVE2	DURATION2	DIVE3	DURATION3	DIVE4	DURATION4	Comments
78	199	MDB	SH	1+	7					10		8		10		
78	200	MDB	CO	0+	0											
78	200	MDB	SH	1+	5											
78	203	RBF	CO	0+	0											
78	203	RBF	SH	1+	9											
78	205	RBF	CO	0+	0											
78	205	RBF	SH	1+	3											
78	208	MDB	CO	0+	0					0		0		0		
78	208	MDB	SH	1+	12					11		11		11		
78	212	RBF	CO	0+	0					0		0		0		
78	212	RBF	SH	1+	7					7		6		8		
78	215	MDB	CO	0+	0											
78	215	MDB	SH	1+	0											
78	216	MDB	CO	0+	0					0		0		0		
78	216	MDB	SH	1+	14					11		9		10		
78	217	RBF	CO	0+	0					0		0		0		
78	217	RBF	SH	1+	13					15		16		12		
78	219	RBF	CO	0+	0					0		0		0		
78	219	RBF	SH	1+	2					2		4		1		
78	220	MDB	CO	0+	0											
78	220	MDB	SH	1+	0											
78	222	MDB	CO	0+	0					0		0		0		
78	222	MDB	SH	1+	1					0		0		0		

Reach.No	Unit.No	Hab Code	phase1	fish?	flow	Chcode	length	top w.	bot w.	max.d.	comments
78	147 RI			N	N/A	N/A	10.67			0.21	RB TRIB ENTERS THIS UNIT
78	148 RU			D			20.12			0.40	
78	149 OT						6.71			0.30	Under log jam. Runnish
78	150 RI			E			30.49			0.30	below 4300
78	151 SP			D			33.23			0.46	
78	152 SP			N			25.61			0.52	
78	153 SP			D			20.73			0.43	top @ 4300 weir
78	154 SP			D			21.65			0.43	
78	155 RI			N			6.10			0.15	
78	156 RU			N			14.94			0.27	
78	157 RU			D			15.55			0.24	
78	158 RU			N			17.99			0.24	
78	159 RI			N			13.72			0.15	
78	160 DP			N			31.71			1.86	
78	161 RU			N			24.39			0.24	
78	162 RI			N			17.68			0.12	
78	163 SP			D			38.41			0.98	Fossils on LB
78	164 RI			N			21.34			0.24	
78	165 DP			D			33.54			1.22	
78	166 RI			N			9.15			0.15	
78	167 DP			D			30.49			1.10	
78	168 RI			N			5.18			0.15	
78	169 SP			N			17.68			0.79	
78	170 RI			N			32.62			0.40	
78	171 SP			D			42.99			0.98	
78	172 RI			N			42.07			0.24	
78	173 SP			N			47.87			0.91	@ fossil wall
78	174 DP			D			58.84			1.59	Hobo
78	175 RI			N			17.38			0.27	
78	176 SP			N			18.29			0.67	includes backwater
78	177 SP			N			33.84			0.95	
78	178 RI			N			6.10			0.30	
78	179 RU			D			24.70			0.30	
78	180 RI			N			40.24			0.21	Old platfs access (4400)
78	181 DP			N			65.24			1.52	
78	182 RI			E			19.21			0.34	
78	183 DP			D			39.33			1.37	
78	184 SP			N			7.62			0.46	
78	185 RI			N			8.54			0.21	
78	186 SP			N			15.85			0.40	
78	187 SP			D			21.65			0.67	

Reach.No	Unit.No	Hab.Code	phase1	fish?	flow	Chcode	length	top.w.	bot.w.	max.d.	comments
78	188 RI			N			17.07			0.37	
78	189 SP			D			12.80			0.61	
78	190 SP			D			20.12			0.95	Beaver Dam
78	191 SP			D			20.43			0.79	Lots of B.S.
78	192 RI			N			4.57			0.30	
78	193 RU			D			18.60			0.37	ignore backwater
78	194 RI			N			22.87			0.15	
78	195 RU			D			9.15			0.37	
78	196 RI			N			83.84			0.49	
78	197 SP			D			56.10			0.88	
78	198 RI			N			13.41			0.15	
78	199 SP			D			16.46			0.61	
78	200 RU			D			12.80			0.46	(RUN?)
78	201 SP			N			23.17			0.73	
78	202 RI			N			17.68			0.24	
78	203 SP			D			27.44			0.46	
78	204 RI			N			25.30			0.43	
78	205 RU			D			12.20			0.34	
78	206 SP			N			15.55			0.49	Mud wall
78	207 RI			N			9.15			0.27	
78	208 SP			D			9.15			0.67	
78	209 SP			N			12.20			0.70	
78	210 DP			N			24.39			1.10	
78	211 RI			N			16.46			0.37	
78	212 SP			D			10.67			0.70	
78	213 RU			N			9.76			0.37	
78	214 RI			N			20.73			0.30	
78	215 RU			D			15.24			0.30	
78	216 DP			D			20.12			1.10	Busy Beaver
78	217 DP			D			9.15			0.98	
78	218 SP			N			17.68			0.67	
78	219 SP			D			21.04			0.46	
78	220 RU			D			24.70			0.30	
78	221 RI			E			7.62			0.30	
78	222 RU			D			8.54			0.30	
78	223 RI			N			15.24			0.21	
78	224 SP			N			30.49			0.46	
78	225 RI			N			53.35			0.30	
78	226 SP			N			16.77			0.70	
78	227 RI			N			60.98			0.58	
78	228 SP			N			13.72			0.79	end of survey

length	length (m)	avg. w.	avg. w.(m)	max.d.	max.d. (m)
35	10.67073	16	4.878049	0.7	0.213415
66	20.12195	10	3.04878	1.3	0.396341
22	6.707317	6	1.829268	1	0.304878
100	30.4878	10	3.04878	1	0.304878
109	33.23171	14	4.268293	1.5	0.457317
84	25.60976	16	4.878049	1.7	0.518293
68	20.73171	10	3.04878	1.4	0.426829
71	21.64634	10	3.04878	1.4	0.426829
20	6.097561	9	2.743902	0.5	0.152439
49	14.93902	12	3.658537	0.9	0.27439
51	15.54878	10	3.04878	0.8	0.243902
59	17.9878	8	2.439024	0.8	0.243902
45	13.71951	20	6.097561	0.5	0.152439
104	31.70732	18	5.487805	6.1	1.859756
80	24.39024	14	4.268293	0.8	0.243902
58	17.68293	12	3.658537	0.4	0.121951
126	38.41463	16	4.878049	3.2	0.97561
70	21.34146	7	2.134146	0.8	0.243902
110	33.53659	20	6.097561	4	1.219512
30	9.146341	8	2.439024	0.5	0.152439
100	30.4878	20	6.097561	3.6	1.097561
17	5.182927	12	3.658537	0.5	0.152439
58	17.68293	16	4.878049	2.6	0.792683
107	32.62195	10	3.04878	1.3	0.396341
141	42.9878	16	4.878049	3.2	0.97561
138	42.07317	10	3.04878	0.8	0.243902
157	47.86585	18	5.487805	3	0.914634
193	58.84146	18	5.487805	5.2	1.585366
57	17.37805	10	3.04878	0.9	0.27439
60	18.29268	22	6.707317	2.2	0.670732
111	33.84146	14	4.268293	3.1	0.945122
20	6.097561	14	4.268293	1	0.304878
81	24.69512	12	3.658537	1	0.304878
132	40.2439	15	4.573171	0.7	0.213415
214	65.2439	14	4.268293	5	1.52439
63	19.20732	12	3.658537	1.1	0.335366
129	39.32927	22	6.707317	4.5	1.371951
25	7.621951	10	3.04878	1.5	0.457317
28	8.536585	10	3.04878	0.7	0.213415
52	15.85366	13	3.963415	1.3	0.396341
71	21.64634	14	4.268293	2.2	0.670732
56	17.07317	10	3.04878	1.2	0.365854
42	12.80488	16	4.878049	2	0.609756
66	20.12195	18	5.487805	3.1	0.945122
67	20.42683	12	3.658537	2.6	0.792683
15	4.573171	10	3.04878	1	0.304878
61	18.59756	10	3.04878	1.2	0.365854
75	22.86585	12	3.658537	0.5	0.152439
30	9.146341	10	3.04878	1.2	0.365854
275	83.84146	14	4.268293	1.6	0.487805

length	length (m)	avg. w.	avg. w.(m)	max.d.	max.d. (m)
184	56.09756	20	6.097561	2.9	0.884146
44	13.41463	12	3.658537	0.5	0.152439
54	16.46341	18	5.487805	2	0.609756
42	12.80488	10	3.04878	1.5	0.457317
76	23.17073	14	4.268293	2.4	0.731707
58	17.68293	10	3.04878	0.8	0.243902
90	27.43902	20	6.097561	1.5	0.457317
83	25.30488	12	3.658537	1.4	0.426829
40	12.19512	12	3.658537	1.1	0.335366
51	15.54878	12	3.658537	1.6	0.487805
30	9.146341	12	3.658537	0.9	0.27439
30	9.146341	16	4.878049	2.2	0.670732
40	12.19512	12	3.658537	2.3	0.70122
80	24.39024	20	6.097561	3.6	1.097561
54	16.46341	16	4.878049	1.2	0.365854
35	10.67073	20	6.097561	2.3	0.70122
32	9.756098	8	2.439024	1.2	0.365854
68	20.73171	10	3.04878	1	0.304878
50	15.2439	10	3.04878	1	0.304878
66	20.12195	20	6.097561	3.6	1.097561
30	9.146341	16	4.878049	3.2	0.97561
58	17.68293	13	3.963415	2.2	0.670732
69	21.03659	18	5.487805	1.5	0.457317
81	24.69512	16	4.878049	1	0.304878
25	7.621951	16	4.878049	1	0.304878
28	8.536585	16	4.878049	1	0.304878
50	15.2439	16	4.878049	0.7	0.213415
100	30.4878	20	6.097561	1.5	0.457317
175	53.35366	18	5.487805	1	0.304878
55	16.76829	14	4.268293	2.3	0.70122
200	60.97561	14	4.268293	1.9	0.579268
45	13.71951	14	4.268293	2.6	0.792683

HUC	Drainage	Stream	Date	Recorder	Efisher	Netters	AdditionalCrew
Mad-Redwood		Canon 78	8/10/2000	RWA BDM CLD	RWA MDB CLD	BDM MDB RBF MHF	

REACHNO.	UNITNO.	EPASSNO.	SPECCODE	AGECLASS	LIVECOUNT	MORTCOUNT	FISHCOUNT	COMMENTS
78	18	1 SH	0+	172	0	172	2 Yellow legged frogs	
78	18	2 SH	0+	58	0	58	16 Sculpin	
78	18	3 SH	0+	21	3	24	6 Lamprey, 2 Dicamp.	
78	48	1 SH	0+	34	0	34	2 Lamprey	
78	48	2 SH	0+	11	0	11	1 dicamp	
78	48	3 SH	0+	5	0	5	2 Sculpin	
78	86	1 SH	0+	7	0	7	10 Dicamp, 1 Sculpin	
78	86	2 SH	0+	3	0	3	1 Yellow legged frog	
78	86	3 SH	0+	1	0	1	2 YLF-tadpoles	
78	122	1 SH	0+	25	1	26		
78	122	1 SH	1+	1	0	1	5 Dicamp	
78	122	2 SH	0+	12	0	12	1 Lamprey	
78	122	2 SH	1+	1	0	1	1 YLF-Tadpole	
78	122	3 SH	0+	2	0	2		
78	150	1 SH	0+	145	7	152	2 FHYL, 3 DKE	
78	182	1 SH	0+	14	1	15	2 FHYL, 2 DITE	
78	221	1 SH	0+	15	0	15	3 DITE	

UnitNo.	Pass	start	stop	duration	watertemp
18	1			1140	
18	2			1177	
18	3			1027	
48	1			451	
48	2			471	
48	3			423	
86	1			271	
86	2			251	
86	3			258	
122	1			917	
122	2			888	
122	3			815	
150	1			963	
221	1			377	

Cañon Creek 2000
Population estimates

Species	Habitat	Pop_Estimate	V(Y)	SE	C.I.	Stream Total	C.I.
Coho	DP	160	557.8	23.6	47.2	160	47.2
Coho	SP	120	354.5	18.8	37.7	123	37.7
Coho	Run	3*	n/a	n/a	n/a		
Coho	Riffle	n/a	n/a	n/a	n/a		
Grand Total							283
Chinook	DP	28	57.6	7.6	15.2	28	15.2
Chinook	SP	42	518.5	22.8	45.5	44	45.6
Chinook	Run	2	2.2	1.5	3.0		
Chinook	Riffle	n/a	n/a	n/a	n/a		
Grand Total							72
Steelhead	DP	348	1226.3	35.0	70.0	348	70.0
Steelhead	SP	462	1495.2	38.7	77.3	585	92.8
Steelhead	Run	99	134.5	11.6	23.2		
Steelhead	Riffle	24	521.7	22.8	45.7		
Grand Total							933
Cutthroat	DP	17	30.7	5.5	11.1	17	11.1
Cutthroat	SP	4	4.6	2.2	4.3	4	4.3
Cutthroat	Run	n/a	n/a	n/a	n/a		
Cutthroat	Riffle	n/a	n/a	n/a	n/a		
Grand Total							21

* only 3 coho observed in 3 separate runs none of which were in a calibration unit making an estimate impossible

* only 3 coho observed in 3 separate runs none of which were in a calibration unit making an estimate impossible

NSO	HAB SEQ	PASS	SPECIES	AGE	FL(mm)	WT(g)	N=	COMMENTS
4	P3	1	OK	0	65	3.01		MORT
4	P3	1	OK	0	65	3.08		
4	P3	1	OK	0	56	2.25		
4	P3	1	OK	0	80	6.37		
4	P3	1	AMMO				3	
4	P3	1	GA				1	
4	P3	1	CP		112	18		
4	P3	2	AMMO				10	
4	P3	2	OC	1	140	31.85		
4	P3	2	OK	0	73	6.34		
4	P3	2	OK	0	76	6.7		
4	P3	2	OK	0	74	5.42		
4	P3	3	GA				2	
4	P3	3	AMMO				10	
18	N5	1	OK	0			4	
18	N5	1	OC	0			1	
18	N5	1	OC	1			2	
18	N5	2	OC	0			2	
18	N5	2	PGS				1	
19	P11	1	OK	0			8	
19	P11	1	OK	1			6	
19	P11	1	OC	1			3	
19	P11	1	OC	2			2	
19	P11	1	GA				5	
19	P11	1	OC	1	125	21.24		TAG # 50194E5912
19	P11	1	CP				1	
19	P11	1	TRT	0			1	
19	P11	2	OC	2			1	
19	P11	2	OK	0			5	
19	P11	2	GA				4	
19	P11	2	AMMO				7	
19	P11	3	GA				1	
19	P11	3	AMMO				1	
19	P11	3	OK	0			1	
31	R4	1	OC	0	59		2.09	
31	R4	1	OC	0	84		7.54	BRIGHT RED JAW, LOWER LIP + FINS

STREELow CREEK "FALL 2000"

NSO	HAB SEQ	PASS	SPECIES	AGE	FL(mm)	WT(g)	N=	COMMENTS
31	R4	1	PGS		34			
31	R4	1	PGS		35			
31	R4	2	AMMO				1	
34	P19	2	OK		69	3.7		
34	P19	2	OK		72	4.11		
34	P19	2	OK		57	1.99		
34	P19	2	OC		121	18.43		
34	P19	2	OC		110	1.04		
34	P19	2	OC		155	40.3		TAG# 5019443730
34	P19	2	OK		75	4.54		
34	P19	2	OK		64	3.66		
34	P19	2	OK		58	2.21		
34	P19	2	OK		105	13.73		
34	P19	2	OK		64	2.94		
34	P19	2	OK		56	1.92		
34	P19	2	AMMO				3	
34	P19	2	PGS		65			
34	P19	2	OK		64	3.13		
34	P19	2	OK		80	5.98		
34	P19	2	OK		56	2.16		
34	P19	2	OK		88	8.44		
34	P19	2	OK		60	2.39		
34	P19	3	AMMO				3	
34	P19	3	OK		60	2.58		
34	P19	3	OK		65	3.84		
34	P19	1	OK		64	3.38		
34	P19	1	OK		51	1.81		
34	P19	1	OK		68	4.35		
34	P19	1	OK		76	5.13		
34	P19	1	OK		76	5.04		
34	P19	1	GA		30			
34	P19	1	OK		69	3.8		
34	P19	1	OK		68	3.6		
34	P19	1	OK		56	2.36		
34	P19	1	OK		50	1.64		
34	P19	1	OK		71	4.3		

NSO	HAB SEQ	PASS	SPECIES	AGE	FL(mm)	WT(g)	N=	COMMENTS
34	P19	1	OK		61	2.99		
34	P19	1	OK		55	2.25		
34	P19	1	OK		63	2.59		
34	P19	1	OK		84	6.93		
34	P19	1	OC		787	23.36		
34	P19	1	OK		63	3.28		
34	P19	1	OK		63	3.03		
34	P19	1	OK		71	3.96		
34	P19	1	OK		61	2.84		
34	P19	1	OK		56	2.05		
34	P19	1	OK		57	2.25		
34	P19	1	OK		45	3.16		MORT (STEPPED ON)
34	P19	1	OC		11	17.13		
34	P19	1	OK		76			LOW BATTERY (SCALE)
34	P19	1	OK		73			LOW BATTERY (SCALE)
34	P19	1	OK		73	4.73		
34	P19	1	OK		60	2.39		
34	P19	1	OK		63	2.95		
34	P19	1	OC		177	61.4		
34	P19	1	GA		30			
34	P19	1	GA		40	0.51		
34	P19	1	OK		95	10.18		
34	P19	1	OK		57	2.04		
34	P19	1	OK		62	2.83		
34	P19	1	AMMO				1	
34	P19	1	OC		269			TOO HEAVY, FIN CLIP/NO TAG(SHED)
34	P19	1	OC		109	13.65		
34	P19	1	OK		64	3.05		
34	P19	1	OK		73	4.72		
34	P19	1	OK		59	2.24		
34	P19	1	OK		64	3.3		
34	P19	1	OK		78	5		
39	R11	1	OC		106	15.51		TAG# 5019763336
39	R11	1	OC		50	1.3		
39	R11	1	OK		66	3.27		
39	R11	1	OC		78	5.42		

NSO	HAB SEQ	PASS	SPECIES	AGE	FL(mm)	WT(g)	N=	COMMENTS
39	R11	2	PGS		32			
39	R11	2	PGS		38			
39	R11	2	PGS		53			
39	R11	2	PGS		33			
39	R11	2	PGS		37			
46	P27	1	OK		71	4.73		MORT
46	P27	1	OK		60	2.56		MORT
46	P27	1	OK		65	3.03		MORT
46	P27	1	OK		59	2.36		
46	P27	1	OK		58	2.47		
46	P27	1	OK		71	4.75		
46	P27	1	OK		66	2.94		
46	P27	1	OK		74	4.4		
46	P27	1	AMMO					
46	P27	1	OK		55	2.38		
46	P27	1	OC		63	2.85		
46	P27	1	OK		75	5.23		
46	P27	1	OK		77	5.49		
46	P27	1	OK		63	2.71		
46	P27	1	OK		65	3.02		
46	P27	1	OC		106	12.17		
46	P27	1	GA		63	2.49		
46	P27	2	OK		90	9.9		MORT
46	P27	2	OK		65	3.28		
46	P27	2	OK		71	4.17		
46	P27	2	OK		72	3.78		
46	P27	2	TRT		89	7.63		
46	P27	3						NO CATCH
62	R9	1	OC		58	1.95		
62	R9	1	OC		75	4.85		
62	R9	1	OC		71	4.21		
62	R9	1	PGS				3	
62	R9	2						NO CATCH
72	P35	1	OK		70	3.59		
72	P35	1	OK		63	2.46		
72	P35	1	OK		60	2.41		

NSO	HAB SEQ	PASS	SPECIES	AGE	FL(mm)	WT(g)	N=	COMMENTS
72	P35	1	OK		66	3.1		
72	P35	1	OK		56	1.81		
72	P35	1	OK		58	2.9		
72	P35	1	OC		103	11.92		
72	P35	1	OK		73	4.3		
72	P35	1	CP		143	35.06		
72	P35	1	OC		133	25.97		TAG # 501D602004
72	P35	1	OK		68	4.68		
72	P35	1	OK		80	5.6		
72	P35	1	OC		198	81.33		
72	P35	1	OC		155	36.6		
72	P35	1	OC		140	27.03		
72	P35	1	PGS				6	
72	P35	1	PGS				1	TERRESTRIAL
72	P35	1	AMMO				1	
72	P35	2	OK		75	4.55		
72	P35	2	OK		69	4.13		
72	P35	2	OK		68	3.61		
72	P35	2	OC		108	13.52		
72	P35	2	OC		99	10.77		
72	P35	2	AMMO				1	
72	P35	3	OK		68	3.5		
72	P35	3	OK		62	2.78		
72	P35	3	OK		60	2.21		
72	P35	3	TRT		78	5.17		
72	P35	3	OK		97	10.07		
72	P35	3	PGS				1	
72	P35	4	PGS				1	
72	P35	4	OK		58	2.24		
72	P35	4	OK		69	3.6		
75	N17	1	OK	0	66	3.09		MORT (STEPPED ON)
75	N17	1	OK	0	64	2.57		
75	N17	1	OK	0	72	4.65		
75	N17	1	OC	0	58	2.13		
75	N17	1	OK	0	65	3.12		
75	N17	1	OK	0	72	3.93		

NSO	HAB SEQ	PASS	SPECIES	AGE	FL(mm)	WT(g)	N=	COMMENTS
75	N17	1	OC	1	113	15.99		
75	N17	1	OK	0	58	1.99		
75	N17	1	OC	1	122	16.54		LESION ON LEFT
75	N17	1	OK	0	63	2.88		
75	N17	1	OK	0	58	2.37		
75	N17	1	OK	0	66	3.17		
75	N17	1	OK	0	65	3.08		
75	N17	1	OK	0	55	1.99		
75	N17	1	OK	0	58	2.29		
75	N17	1	OK	0	57	2.1		
75	N17	1	OK	0	58	2.42		
75	N17	1	PGS		39			
75	N17	1	OK	0	80	6.1		
75	N17	1	OK	0	67	3.89		
75	N17	2	OK	0	53	1.74		MORT
75	N17	2	TRT	0	57	2.16		
75	N17	2	OK	0	59	2.27		
75	N17	2	OK	0	73	4.3		
75	N17	2	OC	1	92	8.14		
75	N17	2	PGS		37			
75	N17	2	OK	0	71	4.04		
75	N17	2	OK	0	62	2.72		
75	N17	3						NO CATCH
77	R14	1	OC	0	52	1.51		
77	R14	1	PGS		56			
77	R14	2	OC	0	68	3.26		
91	R19	1						NO CATCH
91	R19	2						NO CATCH
94	N23	1	OK	0	85	3		
94	N23	1	OK	0	62	2.81		
94	N23	1	OK	0	62	2.52		
94	N23	1	TRT	0	46	1.25		
94	N23	1	PGS		55			
94	N23	1	PGS		52			
94	N23	1	PGS		54			
94	N23	1	PGS		55			

NSO	HAB SEQ	PASS	SPECIES	AGE	FL(mm)	WT(g)	N=	COMMENTS
94	N23	1	PGS		60			
94	N23	2	OK	0	68	3.44		
94	N23	2	OK	0	63	2.47		
94	N23	2	OK	0	63	2.68		
94	N23	2	PGS		34			
94	N23	2	PGS		29			
94	N23	3	OC	0	56	1.81		
94	N23	3	OC	0	81	6.28		
98	P43	1	OK	0			34	
98	P43	1	OK	1			2	
98	P43	1	OC	0			5	
98	P43	1	OC	1			5	
98	P43	1	TRT	0			2	
98	P43	1	PGS				1	
98	P43	2	OK	0			10	
98	P43	2	TRT	0			1	
98	P43	2	PGS				1	ADULT
103	R24	1						NO CATCH
103	R24	2						NO CATCH
109	N24	1	OK	0			2	
109	N24	1	OC	1			3	
109	N24	1	TRT				8	
109	N24	1	PGS				4	
109	N24	1	OC	0			1	
109	N24	2	OC	1			1	
109	N24		OK	0			1	
109	N24	2	OC	0			1	
109	N24	2	PGS				1	
109	N24	2	AMMO				1	
109	N24	3	PGS				2	
118	R29	1	OC	0			1	
118	R29	1	OC	1			2	
118	R29	1	OK	0			4	
118	R29	1	TRT	0			4	
118	R29	1	PGS				3	
118	R29	2	PGS				2	

NSO	HAB SEQ	PASS	SPECIES	AGE	FL(mm)	WT(g)	N=	COMMENTS
118	R29	2	OC	0			2	
118	R29	2	TRT	0			2	
128	N35	2	PGS				5	
128	N35	1	OC	0			3	
128	N35	1	OK	0			1	
128	N35	1	PGS				3	
128	N35	1	TRT				1	
129	R34	2	PGS		25			
129	R34	2	PGS		31			
129	R34	2	PGS		55			
129	R34	2	PGS		53			
129	R34	2	PGS		31			
129	R34	2	PGS		51			
129	R34	2	PGS		40			
129	R34	2	PGS		29			
129	R34	2	PGS		54			
129	R34	1	TRT		62	2.61		
129	R34	1	TRT		64	2.78		
129	R34	1	OC		74	4.64		
129	R34	1	TRT		55	2.02		
129	R34	1	TRT		51	2.02		
129	R34	1	PGS		54			
129	R34	1	PGS		31			
129	R34	1	PGS		44			
129	R34	1	PGS		30			
129	R34	1	PGS		55			
143	P51	1	OC	0			1	
143	P51	1	OC	1			6	
143	P51	1	TRT	0				
143	P51	1	OK	0			13	
143	P51	1	PGS				1	
143	P51	2	OC	0				
143	P51	2	OC	1			1	
143	P51	2	TRT	0			1	
143	P51	2	OK	0			6	
143	P51	3	OK	0			1	TOUGH UNIT

NSO	HAB SEQ	PASS	SPECIES	AGE	FL(mm)	WT(g)	N=	COMMENTS
143	P51	3	TRT	0			1	
143	P51	3	AMMO				2	
145	R39	1	PGS				5	
145	R39	1	OM	1			1	
145	R39	2	PGS				3	
147	N41	1	OK	0			1	
147	N41	1	OC	1			1	
147	N41	1	TRT	0			1	
147	N41	2	OK	0			1	
147	N41	3	AT					
166	N47	1	OK	0			2	
166	N47	1	TRT	0			1	
166	N47	1	OC	0			2	
166	N47	2	PGS				1	
167	P59	3	OK	0			1	
167	P59	2	OK	0			5	
167	P59	1	OK	0			9	
167	P59	1	OC	0				
167	P59	1	OC	1			3	
167	P59	1	TRT	0			1	
167	P59	1	AMMO				1	
167	P59	1	OG	2			1	
167	P59	1	PGS				1	
170	R44	1						NO CATCH
170	R44	2						NO CATCH
181	N53	1	OK	0			2	
181	N53	1	OC	1			1	
181	N53	1	TRT	0			1	
181	N53	1	PGS				1	
181	N53	2	TRT	0			2	SHOWING SLIT FORM CLOSING OF STOMACH CAVITY 35MM & 41MM FL
189	P67	1	OK	0			2	
189	P67	1	PGS				4	
189	P67	2						NO CATCH

REACHNO	UNITNO	HABTYPE	SPECCODE	AGECLASS	N.pass	N.hat	p.hat	Chisquare	df.Chisq	V.hat	estimator.performance
14.00	4.00	SP	CO	0+	3.00	7.38	0.63	1.85	1.00	0.87	good
14.00	18.00	RU	CO	0+	2.00	3.00	-	-	-	-	fails
14.00	19.00	SP	CO	0+	3.00	20.58	0.70	0.18	1.00	1.04	good
14.00	31.00	RI	CO	0+	2.00	0.00	-	-	-	-	catch.zero
14.00	34.00	SP	CO	0+	3.00	51.57	0.69	1.44	1.00	2.91	good
14.00	39.00	RI	CO	0+	2.00	1.00	1.00	0.00	0.00	0.00	good
14.00	46.00	SP	CO	0+	3.00	17.15	0.79	1.45	1.00	0.21	good
14.00	62.00	RI	CO	0+	2.00	0.00	-	-	-	-	catch.zero
14.00	72.00	SP	CO	0+	4.00	21.21	0.38	1.23	2.00	16.00	good
14.00	75.00	RU	CO	0+	2.00	23.27	0.69	0.00	0.00	9.18	good
14.00	77.00	RI	CO	0+	2.00	0.00	-	-	-	-	catch.zero
14.00	91.00	RI	CO	0+	2.00	0.00	-	-	-	-	catch.zero
14.00	94.00	RU	CO	0+	3.00	6.54	0.57	2.15	1.00	1.64	good
14.00	98.00	SP	CO	0+	2.00	4.00	0.50	0.00	0.00	12.00	good
14.00	103.00	RI	CO	0+	2.00	0.00	-	-	-	-	catch.zero
14.00	109.00	RU	CO	0+	2.00	4.00	0.50	0.00	0.00	12.00	good
14.00	118.00	RI	CO	0+	2.00	4.00	1.00	0.00	0.00	0.00	good
14.00	128.00	RU	CO	0+	2.00	49.85	0.72	0.00	0.00	13.05	good
14.00	129.00	RI	CO	0+	2.00	0.00	-	-	-	-	catch.zero
14.00	143.00	SP	CO	0+	3.00	20.87	0.65	0.61	1.00	1.82	good
14.00	145.00	RI	CO	0+	2.00	0.00	-	-	-	-	catch.zero
14.00	147.00	RU	CO	0+	3.00	2.18	0.57	0.72	1.00	0.55	good
14.00	166.00	RU	CO	0+	2.00	2.00	1.00	0.00	0.00	0.00	good
14.00	167.00	SP	CO	0+	3.00	16.06	0.60	0.56	1.00	2.84	good
14.00	170.00	RI	CO	0+	2.00	0.00	-	-	-	-	catch.zero
14.00	181.00	RU	CO	0+	2.00	2.00	1.00	0.00	0.00	0.00	good
14.00	189.00	SP	CO	0+	2.00	2.00	1.00	0.00	0.00	0.00	good