Appendix A.-- Population estimates for various fishes in the lower 500-m reach of the Cedar river and south and east shores of southern lake Washington, February-June, 1995. Estimates are based from one Petersen mark-recapture census, May 1-3, 1995. Only species that had marked fish recaptured were included. Lake estimates were adjusted by a factor of 1.228 to account for the length of shoreline that was not sampled.

Location	Species	Date	CPUE	Ratio of sample date CPUE to May 1-2 CPUE	May 1-2 population estimate	Population estimate for each date	Adjusted (lake only)
CEDAR RIVER (lower 500 m)							
	Coho salmon	28-Mar	2	0.05	342.3	16.30	
		10-Apr	1	0.02	342.3	8.15	
		03-May	42	1.00	342.3	342.30	
		16-May	34	0.81	342.3	277.10	
		05-Jun	1	0.02	342.3	8.15	
	Cutthroat trout	28-Mar	4	0.36	37.3	13.56	
		10-Apr	4	0.36	37.3	13.56	
		03-May	11	1.00	37.3	37.30	
		16-May	4	0.36	37.3	13.56	
		05-Jun	28	2.55	37.3	94.95	
	Rainbow trout	28-Mar	8	0.89	40	35.56	
		10-Apr	12	1.33	40	53.33	
		03-May	9	1.00	40	40.00	
		16-May	1	0.11	40	4.44	
		05-Jun	6	0.67	40	26.67	
LAKE WASHINGTON (south and east shore)							
	Coho salmon	22-Feb	0	0.00	191	0.00	0.00
		16-Mar	1	0.05	191	9.55	11.73
		27-Mar	1	0.05	191	9.55	11.73
		12-Apr	2	0.10	191	19.10	23.45
		02-May	20	1.00	191	191.00	234.55
		15-May	11	0.55	191	105.05	129.00
		06-Jun	0	0.00	191	0.00	0.00
	Cutthroat trout	22-Feb	2	0.07	136	9.71	11.93
		16-Mar	4	0.14	136	19.43	23.86
		27-Mar	7	0.25	136	34.00	41.75
		12-Apr	8	0.29	136	38.86	47.72
		02-May	28	1.00	136	136.00	167.01
		15-May	11	0.39	136	53.43	65.61
		06-Jun	19	0.68	136	92.29	113.33
	Hatchery rainbow trout	22-Feb	0	0.00	26.7	0.00	0.00
		16-Mar	0	0.00	26.7	0.00	0.00
		27-Mar	0	0.00	26.7	0.00	0.00
		12-Apr	15	2.14	26.7	57.21	70.26
		02-May	7	1.00	26.7	26.70	32.79
		15-May	46	6.57	26.7	175.46	215.46
		06-Jun	83	11.86	26.7	316.59	388.77
	Smallmouth bass	22-Feb	2	0.11	104.5	11.00	13.51
		16-Mar	1	0.05	104.5	5.50	6.75
		27-Mar	1	0.05	104.5	5.50	6.75
		12-Apr	3	0.16	104.5	16.50	20.26
		02-May	19	1.00	104.5	104.50	128.33
		15-May	21	1.11	104.5	115.50	141.83
		06-Jun	28	1.47	104.5	154.00	189.11

Appendix B.-- List of recaptured thread-tagged fishes in the lower Cedar River and southern Lake Washington, 1995. Species: Cutt=cutthroat trout, Rbt=rainbow trout, Smb=smallmouth bass, Lmb=largemouth bass, and Psc=prickly sculpin. Location: E=east shore of Lake Washington, W=west shore, S=south shore; LR=lower river (0-500 m), UP=upper reach (1110-1650 m), MI=Mercer Island. Distance (m) is the shoreline distance from the mouth of the Cedar River. Distance moved was calculated from the mid-point of the transect where the fish was last observed to the mid-point of the recapture transect. Negative numbers indicate movement away from the mouth of the Cedar River

		RELEASE			FIRST RECAPTURE				SECOND RECAPTURE				THIRD RECAPTURE			
Species	FL (mm)	Date	Location	Distance (m)	Date	Location	# DAYS	Distance moved(m)	Date	Location	# DAYS	Distance moved(m)	Date	Location	# DAYS	Distance moved(m)
SALMONIDS																
Coho	114	22-Mar	E	1644	03-Apr	E	18	0								
Coho	242	16-Mar	E	2047	22-Mar	E	6	403	03-Apr	E	12	0				
Cutt	236	28-Mar	E	1644	11-Apr	E	14	0	11-May	LR	30	2109	01-Jun	LR	20	179
Cutt	164	22-Mar	E	1644	03-Apr	E	20	0	11-Apr	E	8	0				
Cutt	202	19-Apr	W	1217	03-May	LR	14	1217								
Cutt	190	15-May	S	92	05-Jun	LR	21	0								
Cutt	194	01-May	S	237	02-May	E	1	1810								
Cutt	199	01-May	S	237	02-May	S	36	0	06-Jun	S	35	0				
Cutt	233	11-Apr	S	237	01-May	E	20	-1140								
Cutt	183	01-May	E	963	06-Jun	S	36	870								
Cutt	190	27-Mar	E	1377	03-Apr	E	7	-1376								
Cutt	180	01-May	E	1377	15-May	E	14	0								
Cutt	193	01-May	E	1377	03-May	LR	2	1544								
Cutt	190	16-Mar	E	1675	27-Mar	E	11	0								
Cutt	225	22-Feb	E	2047	16-Mar	E	50	0	13-Apr	E	28	0				
Cutt	152	01-May	E	2669	02-May	E	1	622								
Cutt	177	01-May	E	2669	02-May	E	1	0								
Cutt	322	11-May	LR	499	01-Jun	LR	21	179								
Cutt	190	11-May	LR	499	01-Jun	LR	21	179								
Cutt	183	01-Jun	LR	355	05-Jun	LR	4	0								
Cutt	222	01-Jun	LR	355	05-Jun	LR	4	0								
Cutt	208	01-Jun	LR	355	05-Jun	LR	4	0								
Cutt	215	01-Jun	LR	355	05-Jun	LR	4	0								
Cutt	217	11-May	LR	355	05-Jun	LR	26	0	06-Jun	LR	1	0				
Cutt	298	10-Apr	LR	270	19-Apr	E	9	-3023								
Cutt	270	03-May	LR	270	01-Jun	LR	29	0								
Cutt	194	10-Apr	LR	270	05-Jun	LR	56	0								
Cutt	158	05-Jun	LR	270	06-Jun	S	1	-557								
Cutt	150	08-Apr	UP	1214	03-May	UP	27	0								
Rbt	180	11-Apr	E	1377	09-May	MI	28	-6500								
Rbt	198	11-Apr	E	1675	02-May	E	21	0								
Rbt	170	11-Apr	E	1675	10-May	E	29	0								
Rbt	275	11-Apr	E	1675	02-May	E	21	0								
Rbt	210	11-Apr	E	2490	01-May	E	20	0								
Rbt	455	20-Apr	LR	499	11-May	LR	21	0								
Rbt	203	20-Apr	LR	499	03-May	LR	13	0								
Rbt	220	10-Apr	LR	5	03-May	LR	36	0	16-May	LR	13	0	05-Jun	LR	20	0
Rbt	175	10-Apr	LR	270	01-May	E	21	-2939								
Rbt	178	10-Apr	LR	270	03-May	LR	23	0								
Rbt	186	10-Apr	LR	270	03-May	LR	23	0								
Rbt	181	08-Apr	UP	1214	05-Jun	UP	60	0								
Rbt	124	08-Apr	UP	1214	03-May	UP	60	0	05-Jun	UP	33	0				
Rbt	180	08-Apr	UP	1214	16-May	UP	40	0								
OTHER FISH																
Smb	206	31-May	E	1644	06-Jun	E	6	0								
Smb	275	01-May	S	237	02-May	S	1	0								
Smb	171	11-Apr	E	1377	02-May	E	21	0								
Smb	285	11-Apr	E	1675	19-Apr	E	8	0								
Smb	175	15-May	E	1675	06-Jun	E	22	0								
Smb	328	02-May	E	2313	15-May	E	13	638								
Smb	194	22-Feb	E	1675	02-May	E	69	0								
Lmb	157	27-Mar	E	1675	11-Apr	E	71	0	06-Jun	E	56	0				
Psc	163	06-Feb	E	1644	22-Mar	E	93	0	19-Apr	E	28	0	10-May	E	21	0
Psc	173	06-Feb	W	1641	03-Apr	W	56	0								