



State of Alaska
Department of Fish and Game
Habitat and Restoration Division

Nomination for Waters
Important to Anadromous Fish

Region SOUTHCENTRAL

USGS Quad Kenai C-2

Anadromous Water Catalog Number of Waterway 244-30-10010-2063-3025-0010

Name of Waterway Camp Island Lake USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>01 182</u>	<u>[Signature]</u>	<u>11/10/01</u>
Revision Year:	<u>2001</u>	Regional Supervisor	Date
Revision to:	Atlas _____ Catalog _____	<u>[Signature]</u>	<u>7/13/01</u>
	Both <u>x</u>	AWC Project Biologist	Date
Revision Code:	<u>B-1, b-2</u>	<u>[Signature]</u>	<u>11/30/01</u>
		Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho	9/12 - 13/1985		X		<input checked="" type="checkbox"/>
Rainbow Trout	9/12 - 13/1985			X	<input type="checkbox"/>
Longnose Sucker	9/12 - 13/1985			X	<input type="checkbox"/>
Sockeye Salmon	9/12 - 13/1985	X		X	<input checked="" type="checkbox"/>
Dolly Varden	9/12 - 13/1985			X	<input type="checkbox"/>

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments:

Add species Sockeye spawning and lifestage coho rearing to Camp Island Lake based on historic USFWS sampling. see attached report excerpts.

ADD Sockeye presence to 244-30-10010-2063-3025. Encl

Name of Observer (please print): USFWS Kenai Fisheries Research Staff

Signature: _____

Date: 7/10/01

Address: USFWS Kenai Fishery Resource Office

P.O. Box 1670, Kenai, AK 99611

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: _____

Revision 3/97

Table . Camp Island Lake (KNWR) fish sampling, catch, and effort summary for September 12-13, 1985
sampling trip.

Gear	Average Fishing Time (hrs.)	Amount Gear (sq.ft.)	Fish Species	Total Fish Number	Sex M-F-U*	Fish Caught Per Trap Hour	Overnight Catch/Trap
3 Experimental Gill Nets	14	2400	Rainbow trout	16	7-7-2	0.39	--
			Dolly Varden char	7	0-0-7	0.17	--
			Coho salmon	26	0-0-26	0.63	--
			Sockeye salmon	11	5-6-0	0.27	--
			Longnose sucker	10	3-2-6	0.24	--
			All Species	70		1.70	--
3 ^{FINE} Small Mesh Gill Nets	13	1500	Rainbow trout	8	2-4-2	0.20	--
			Dolly Varden char	2	0-0-2	0.05	--
			Coho salmon	89	0-0-89	2.25	--
			Sockeye salmon	1	1-0-0	0.03	--
			Threespine stickleback	83	0-0-83	2.10	--
			All Species	183		4.63	--
13 Minnow Traps	23	--	Threespine stickleback	555	0-0-555	--	43
			Coho salmon	55	0-0-55	--	4
			Slimy sculpin	1	0-0-1	--	<1
			All Species	611		--	47

*Undetermined

Table . Length, weight, and condition factor* of fish caught from Camp Island Lake during September 12-13, 1985 sampling trip.



Gear	Species		Sample Size	Mean	Standard Deviation	Range
3 Fine Mesh <i>GILL NETS</i>	Coho Salmon	Length (mm)	31	96	10.4	82 - 120
		Weight (g)		10.0	3.38	6.4 - 19.6
		Condition		1.10	.07	.94 - 1.25
	Rainbow trout	Length (mm)	8	306	140.7	240 - 435
		Weight (g)		478	378.66	133 - 1050
		Condition		1.15	.17	.94 - 1.38
	Dolly Varden char	Length (mm)	2	120	18.4	107 - 133
		Weight (g)		16.0	7.07	11.0 - 21.0
		Condition		.90	.00	.89 - .90
	Sockeye salmon	Length (mm)	1	435	-	435
		Weight (g)		950	-	950
		Condition		1.15	-	1.15

*Condition factor = (weight x 100000)/length³

