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AGE, SEX, AND SIZE OF SOCKEYE SALMON (*Oncorhynchus nerka* Walbaum) CATCHES AND ESCAPEMENTS IN SOUTHEASTERN ALASKA IN 1982

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October 1983

ALASKA DEPARTMENT OF FISH AND GAME
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Don W. Collinsworth
Commissioner

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Juneau, Alaska

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ABSTRACT

Catch statistics and escapement estimates of sockeye salmon *(Oncorhynchus nerka* Walbaum*)* in Southeastern Alaska in 1982, excluding the Yakutat management area, are summarized. Commercial gill net and purse seine catches are apportioned by age, sex, and size for each fishing district based on the best sample data available. Age, sex, and size data are also presented for 43 sockeye salmon spawning systems in the Region. Daily counts and the mean and variance of the migratory time density functions of sockeye salmon passing through fifteen weirs in Southeastern Alaska are tabulated.

The commercial harvest of 1,281,320 sockeye salmon in Southeastern Alaska in 1982 was the largest in the Southeastern Region since 1945. The drift gill net and purse seine fleets harvested the vast majority of sockeye salmon; 61.7% and 36.0% respectively. Gill net catches were highest in Districts 115, 111, and 106. Almost 62% of the total purse seine harvest in Southeastern Alaska was taken in District 104. Small numbers of sockeye salmon were also taken in commercial trap and troll fisheries, and by sport and subsistence fishermen.

Five-year-old (1977 brood year) sockeye salmon made up the majority of each district's gill net catches. Age 1.3 fish were the dominant age class. Sockeye salmon harvested in the purse seine fisheries were generally younger, with a more variable age composition than those taken in gill net fisheries in the Region. Five-year-old fish (1977 brood year) were the dominant age group in the purse seine catches from Districts 101, 102, 104, 107, 113-22 (Whale Bay), and 113-34 (Necker Bay), while four-year-old fish (1978 brood year) were the most common age group in catches from Districts 109 and 112. Six-year-old fish (1976 brood year) predominated in the 113-13 (Redfish Bay) and the combined District 110-111 catches. No obvious trends in average length data were apparent within either the gill net or purse seine fisheries, although females were generally shorter than males within specific age classes.

Escapement estimates and indices (of 25 fish or more) were formulated for 73 systems. Chilkoot and Chilkat Lakes recorded the highest escapements of the weired systems; 102,973 and 80,221 sockeye salmon, respectively. Between 28,000 and 58,000 sockeye salmon were counted through weirs at Hugh Smith, Karta, and Tahltan Lakes. Between 14,000 and 17,000 sockeye salmon were counted through McDonald, Salmon Bay, and Kegan Lake weirs, while less than 10,000 sockeye salmon returned through weirs at Hetta, Klawock, Sarkar, Falls, Auke, Redoubt, and Sitkoh Lakes. Indices of escapement were provided for the remaining sockeye salmon systems using aerial, foot, or boat surveys. Migratory timing of sockeye salmon through the 15 weirs in the Region revealed a highly variable pattern that was not obviously related to geographic location. Sockeye salmon from the 1977 brood year (age 1.3) predominated in most of the escapements to the 43 sampled systems. Substantial variability existed in the size at age by sex of sockeye salmon in escapements to spawning systems in the Region.

KEY WORDS: catch allocation, migration timing, age composition, sockeye salmon, *Oncorhynchus nerka*, fishery synopsis.

INTRODUCTION

Sockeye salmon *(Oncorhynchus nerka* Walbaum*)* are harvested in commercial, sport, and subsistence fisheries in Southeastern Alaska. The majority are taken in the commercial gill net and purse seine fisheries; lesser numbers are taken in fish traps and in the troll fishery. Almost without exception these fisheries harvest mixed stocks and species. The sport harvest of sockeye salmon is limited, and occurs primarily near centers of population such as Juneau, Haines, Sitka, Petersburg, and Ketchikan. Sockeye salmon are taken for subsistence use at numerous locations in the region. Approximately 119 systems (rivers or streams and their lakes) are known to produce sockeye salmon in Southeastern Alaska.

The purpose of this report is to document and summarize the numbers, age, size, and sex composition of the harvest and escapements of sockeye salmon to Southeastern Alaska during 1982. Because the primary purpose of this report is to serve as a data base document interpretation and discussion of the data is strictly limited. Data are presented in summarized form in the body of this report. More detailed tables are included in the Appendix. In compiling these data, a number of resource-oriented agencies were contacted and graciously supplied data. Data supplied by the National Marine Fisheries Service - Auke Bay Laboratory, the Canadian Department of Fisheries and Oceans, and the Southern Southeast Regional Aquaculture Association are summarized in the Acknowledgments section of this paper.

METHODS

Study Area Description

The study area consists of outside coastal waters of Southeastern Alaska extending south from Cape Suckling to Cape Spencer, and both inside and outside waters extending south from Cape Spencer to a line east from Cape Muzon on the southern tip of Dall Island to the northwest tip of Wales Island (Figure 1). The area is divided into sixteen coastal districts (101 through 116) and five offshore districts (152, 154, 157, 181, and 189).

Commercial, sport, and subsistence fisheries operated throughout the Region. Drift gill nets were used to commercially harvest salmon in Districts 101, 106, 108, 111, and 115. Purse seines were used to harvest sockeye salmon in Districts 101-105, 107, and 109-114. Lesser numbers of sockeye salmon were harvested by the troll fleet, which operates throughout the Region. A small trap fishery operated in the Annette Island area of District 101. Sport fishing occurred throughout Southeastern Alaska, primarily near major population centers in the Region. Subsistence fishing was allowed to many sites in Southeastern Alaska, primarily near the mouths of rivers and streams.

Abundance Data

Alaskan commercial catch data used in this report were compiled by the Division of Commercial Fisheries, Alaska Department of Fish and Game, and originated from individual fish tickets tabulated as of 2 May 1983. Because of the volume of

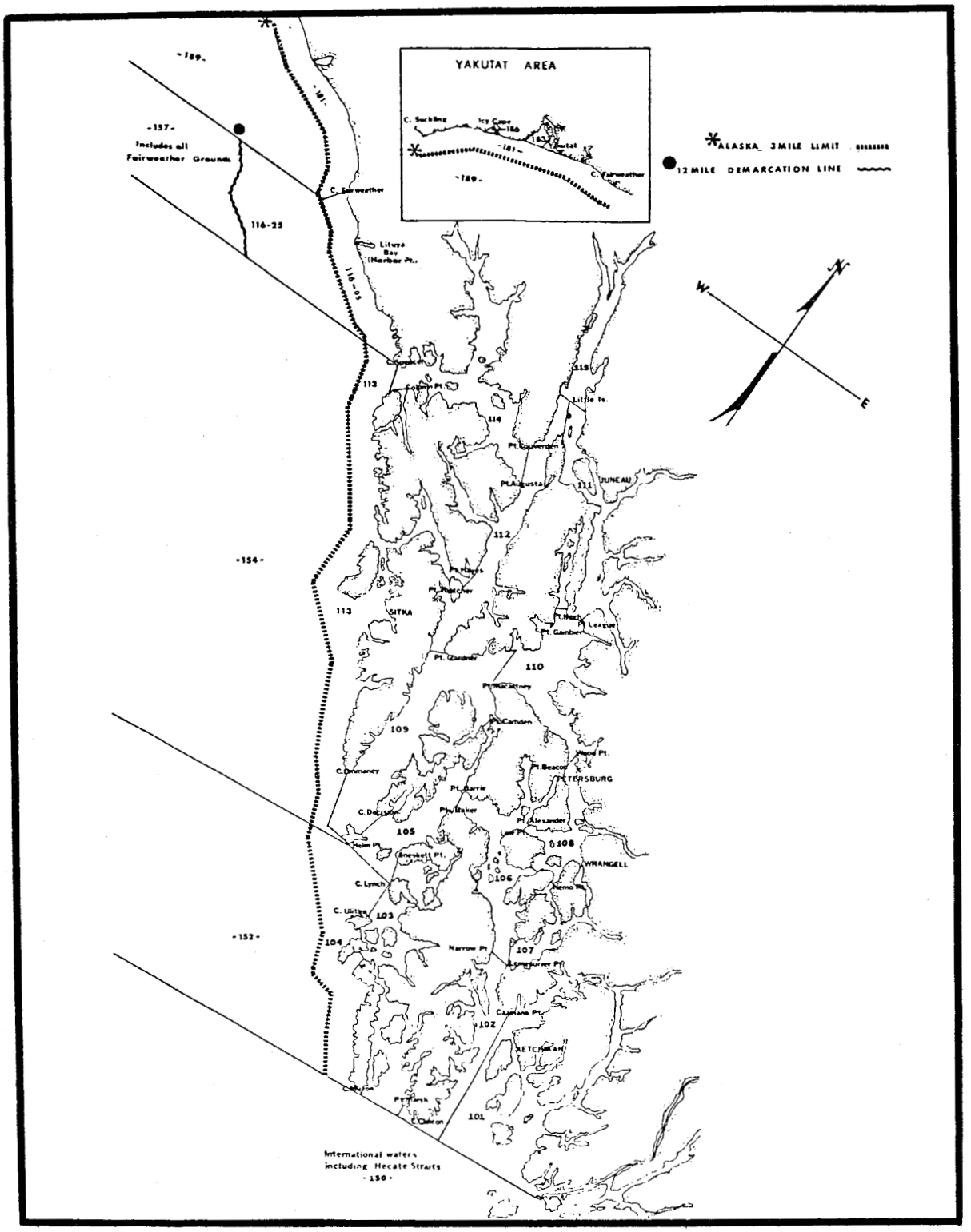

Figure 1. Map of Southeastern Alaska showing the statistical fishing districts.

tickets and frequency of both data entry and recording errors, later summaries may differ slightly from those used in this report as more errors are detected and corrected. Catch data for Canadian fisheries operating on the upper Taku and Stikine Rivers were obtained from the Canadian Department of Fisheries and Oceans (Johnson; personal communication). Sport catch information was obtained from Mills (1983). Subsistence catch information was tabulated from subsistence use permits returned to the Alaska Department of Fish and Game (Valentine, Bergmann, DeJong, Imamura; personal communication). All subsistence permits were not returned, however, so that subsistence catch totals listed in this report are less than the total subsistence harvest from the Region.

A variety of methods were used to provide escapement counts to Southeastern Alaska systems. Fourteen Alaskan systems and one Canadian spawning system were weired, and total counts of sockeye salmon were made. Peak aerial, foot, and boat surveys, provided escapement indices for an additional 58 spawning systems. Aerial surveys were made by the Alaska Department of Fish and Game. Foot and boat surveys were performed by the Alaska Department of Fish and Game and the National Marine Fisheries Service. Escapement estimates derived using these three methods should only be used as indicators of escapement magnitude; they do not represent a complete count.

Age, Sex, and Length Data

Sockeye salmon were sampled for scales, sex, and length. Some otoliths were also collected from sockeye salmon carcasses on the spawning grounds. Examination of scales and/or otolith samples provided age data for individual fish. Scales were taken from the 'preferred area' of the fish (International North Pacific Fisheries Commission 1963). Scales were mounted on gum cards and impressions made on cellulose acetate (Clutter and Whitesel 1956). Ages were reported in European notation[1]. Sex was determined either by examination of external morphological features or gonads. In a few cases sex determination could not be accurately made. Fish length was measured from the middle of the eye to the fork of the tail, recorded to the nearest millimeter.

An attempt was made to sample fish from the gill net and purse seine catches in each district. Logistic considerations involved in sampling fisheries over such a large area prevented sampling of several of the smaller purse seine fisheries (Districts 103 and 105). Subsistence, sport, and trap fisheries were not sampled. Most of the major sockeye salmon escapements were sampled. Escapement samples were collected in weir traps, and by beach seining and carcass sampling.

Age and sex composition were computed for each fishery and escapement sampled. These data were stratified over time into sample periods where sufficient data existed. The minimum number of samples with valid age determinations used to

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[1] European formula: Numerals preceding the decimal refer to the number of freshwater annuli; numerals following the decimal are the numbers of marine annuli. Total age is the sum of these two numbers plus one.

represent one period was defined as that number needed to attain a level of precision of 0.10 and a level of confidence of 95% for determination of age composition. The number of age groups, k, was defined as one plus the number of age groups comprising at least 90% of the sample. These parameters were then applied to the sample size determination formulas described by Cochran (1977). Minimum sample sizes needed to meet the aforementioned criteria were 454 (k=3), 502 (k=4), or 543 (k=5). In some cases the total number of readable scales did not exceed these minimum levels. Age compositions are presented for these groups, but no confidence intervals are given. Catches and escapements were allocated by age class and sex for each sample period. Totals from each sample period were then added to represent a season's age and sex composition of each fishery and escapement for which accurate catch or abundance data existed.

When only indices of abundance were available for escapements indexed abundance was not allocated by age or sex, rather, a percent breakdown of each sample by age and sex was tabulated. This same procedure was also used for purse seine catches sampled in specific bays of District 113, for which accurate catch information by subdistrict was not available.

Mean lengths and 95% confidence intervals were calculated by sex and age class for each sampled fishery and escapement. Length by age class and sex was computed only from the samples obtained and was not weighted by abundance when more than one sample period existed, because no change in size by age class was observed over the season.

The mean and variance of the migratory time density functions of sockeye salmon passing through weirs were calculated using standard statistical methods (Mundy 1979).

RESULTS

Harvest Data

A total of 1,281,320 sockeye salmon were commercially harvested in Southeastern Alaska in 1982, the largest annual commercial catch of sockeye salmon in the Region since 1945. Over 65% of the catch (842,058 fish) came from southern Southeastern Alaska waters (Districts 101-108; Table 1). More than 100,000 sockeye salmon were harvested in Southeastern Alaska in each of seven consecutive weeks, from 27 June to 14 August. Catches peaked during the week of 11-17 July, when 256,401 fish were taken. The largest catch of any district was in 101, where a total of 332,075 sockeye salmon were taken by the gill net, purse seine, trap, and troll fisheries. Large catches were also recorded in District 104 (285,500 fish), District 115 (273,536 fish), District 106 (193,655 fish), and District 111 (82,250 fish). Catches in fifteen additional districts of Southeastern Alaska ranged from 40,215 fish in District 113 to only 24 fish in District 154. Catches for all major districts, with the exception of District 115 (Lynn Canal) peaked between early and mid-July. Catches in Lynn Canal peaked roughly two weeks later during the first week of August.

Table 1. Total commercial harvest of sockeye salmon in Southeastern Alaska by district and date, 1982[1].

Inclusive Dates	District 101	102	103	104	105	106	107	108	Southern Southeast Total
Unspecified	25	0	0	0	0	0	0	0	25
May 23-May 29	0	0	0	5	0	0	0	0	5
May 30-June 5	0	0	0	7	0	1	0	0	8
June 6-June 12	0	0	0	198	0	0	0	0	198
June 13-June 19	2,206	0	0	1	2	7,152	0	390	9,751
June 20-June 26	23,943	13	2	9	0	36,971	0	1,498	62,436
June 27-July 3	37,620	17	6	308	1	45,150	0	3,259	86,361
July 4-July 10	43,369	7	2	40,231	7	37,415	2	1,290	122,323
July 11-July 17	92,478	2,634	9	120,239	17	17,907	1	0	233,285
July 18-July 24	40,110	5,866	2	52,053	5	34,753	0	0	132,789
July 25-July 31	24,102	3,343	4	6,308	4	12,898	0	0	46,659
Aug 1-Aug 7	26,389	4,335	0	13,765	0	0	0	32	44,521
Aug 8-Aug 14	22,658	3,192	177	25,649	2	22	0	27	51,727
Aug 15-Aug 21	11,968	2,075	508	15,989	4	221	305	31	31,101
Aug 22-Aug 28	4,395	1,038	155	7,303	1	410	0	17	13,319
Aug 29-Sept 4	2,505	225	124	2,827	43	141	0	6	5,871
Sept 5-Sept 11	280	46	81	608	1	606	0	3	1,625
Sept 12-Sept 18	27	0	0	0	0	8	0	0	35
Sept 19-Sept 25	0	0	0	0	0	0	0	0	0
Sept 26-Oct 2	0	1	0	0	0	0	0	0	1
Oct 3-Oct 9	0	18	0	0	0	0	0	0	18
Oct 10-Oct 16	0	0	0	0	0	0	0	0	0
Oct 17-Oct 23	0	0	0	0	0	0	0	0	0
TOTAL	332,075	22,810	1,070	285,500	87	193,655	308	6,553	842,058

-Continued-

Table 1. Total commercial harvest of sockeye salmon in Southeastern Alaska by district and date, 1982[1] (continued).

Inclusive Dates	District 109	110	111	112	113	114	115	116	152	154	157/181/189	Northern Southeast Total	Total Southeast
Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	25
May 23-May 29	0	0	0	0	1	1	0	0	0	0	0	2	7
May 30-June 5	0	0	0	1	5	16	0	0	0	0	96	118	126
June 6-June 12	1	0	174	0	1	11	0	2	1	0	1	191	389
June 13-June 19	4	0	1,435	0	24	1	2,730	0	3	0	0	4,197	13,948
June 20-June 26	5	0	6,954	0	108	56	6,181	3	8	0	4	13,319	75,755
June 27-July 3	5	0	10,368	4	75	46	8,023	3	3	1	2	18,530	104,891
July 4-July 10	17	1	21,853	3	68	95	8,400	5	0	2	2	30,446	152,769
July 11-July 17	17	1	13,839	586	210	50	8,387	10	9	5	2	23,116	256,401
July 18-July 24	4	2	10,848	2,279	36,827	45	12,623	22	1	15	2	64,668	195,457
July 25-July 31	17	4	7,076	4,999	71	14	47,954	11	0	1	5	60,152	106,811
Aug 1-Aug 7	4,430	2,575	6,776	9,346	25	0	55,736	0	0	0	0	78,888	123,409
Aug 8-Aug 14	1,697	1,834	4,939	3,320	432	65	52,184	7	0	0	47	64,525	116,252
Aug 15-Aug 21	575	829	648	4,676	133	20	30,668	9	0	0	5	37,563	68,664
Aug 22-Aug 28	395	293	211	1,222	57	145	24,512	9	0	0	1	26,845	40,164
Aug 29-Sept 4	53	0	81	72	2,175	103	11,429	4	0	0	6	13,923	19,794
Sept 5-Sept 11	1	1	33	3	1	3	2,374	1	0	0	0	2,417	4,042
Sept 12-Sept 18	0	0	15	0	1	2	1,451	2	0	0	0	1,471	1,506
Sept 19-Sept 25	0	0	0	0	0	1	688	0	0	0	0	689	689
Sept 26-Oct 2	0	0	0	0	0	0	124	0	0	0	0	124	125
Oct 3-Oct 9	0	0	0	0	1	0	54	0	0	0	0	55	73
Oct 10-Oct 16	0	0	0	0	1	0	14	0	0	0	0	14	14
Oct 17-Oct 23	0	0	0	0	0	0	9	0	0	0	0	9	9
Total	7,221	5,540	85,250	26,511	40,215	674	273,541	88	25	24	173	441,262	1,281,320

[1] Includes trap, troll, gill net, purse seine, and unspecified gear type commercial catches.

Gill Net Catch:

Gill net fisheries harvested the majority of sockeye salmon taken in the Region (Table 2). The largest catch in a gill net fishery was in District 115, where the harvest of 273,536 sockeye salmon was the highest since statehood. Sockeye salmon harvested in this district originate from Chilkat and Chilkoot Lakes, both of which experienced strong returns in 1982. Scale pattern analysis revealed that commercial catches of sockeye salmon bound for Chilkoot Lake peaked during the week of 25-31 July, two weeks prior to peak catches of Chilkat Lake sockeye salmon in District 115 (McPherson et al. 1983).

A total of 233,702 sockeye salmon were harvested in the District 101 gill net fishery. This fishery targets on mixed stocks from both Alaska and Canada. Peak catches were recorded during the week of 11 July to 17 July, when 63,821 fish were taken.

The District 106 gill net harvest was 193,618 sockeye salmon, the highest ever recorded for the District. Fish harvested in this fishery are thought to be bound both for local systems such as the Stikine River and numerous mainland and island lakes in Southeastern Alaska, as well as to the Nass and Skeena Rivers of northern British Columbia. Catches peaked during the week of 27 June-3 July, when 45,150 fish were taken.

The District 111 gill net fishery primarily harvests sockeye salmon bound for Canadian spawning sites in the Taku River drainage and Alaskan sites in the Speel and Whiting River drainages (McGregor et al. 1983). A total of 83,479 fish were taken in 1982. Catches of over 10,000 sockeye salmon were made in each of four consecutive weeks from late June to late July, peaking during the week of 4-10 July (21,853 fish).

The District 108 gill net fishery harvested only 6,553 fish in 1982. Most fish were taken from mid-June to early July.

Purse Seine Catch:

Purse seine fisheries harvested 461,064 sockeye salmon, 36% of the total catch in Southeastern Alaska (Table 3). The largest catches were made in District 104. The catch of 285,231 fish accounted for 62% of the purse seine harvest of sockeye salmon. This fishery harvests sockeye salmon bound for both Alaska and Canada. Peak purse seine catches of sockeye salmon in District 104 were made during the week of 11-17 July, when 120,217 fish were taken.

The District 101 purse seine harvest was 73,817 sockeye salmon. Catches exhibited a bimodal pattern, with a large peak in mid-July, followed by a smaller peak in early August.

A total of 36,849 sockeye salmon were taken with purse seine gear in bays located in District 113, on the outer coast of Chichagof and Baranof Islands. Over 99% of this total was taken during the week of 18-24 July in Necker Bay, Whale Bay, and Redfish Bay. Fisheries in these bays are terminal in nature, harvesting fish schooled at the mouth of stream to their migration into lakes at the head of each bay. The vast majority of this district's catch was from Necker Bay. The catch

Table 2. Total gill net harvest of sockeye salmon in Southeastern Alaska, by district and date, 1982.

Inclusive Dates	Districts					
	101	106	108	111	115	Total
Unspecified	25	-	-	-	-	25
May 30-June 5	-	-	-	-	-	0
June 6-June 12	-	-	-	-	-	0
June 13-June 19	2,206	7,152	390	1,609	2,730	14,087
June 20-June 26	23,902	36,971	1,498	6,953	6,181	75,505
June 27-July 3	36,170	45,150	3,259	10,368	8,023	102,970
July 4-July 10	29,494	37,415	1,290	21,853	8,399	98,451
July 11-July 17	63,821	17,904	-	13,839	8,386	103,950
July 18-July 24	29,733	34,746	-	10,848	12,622	87,949
July 25-July 31	17,702	12,896	-	7,076	47,954	85,628
Aug 1-Aug 7	16,648	-	-	5,098	55,736	77,482
Aug 8-Aug 14	6,048	-	32	4,869	52,184	63,133
Aug 15-Aug 21	4,620	221	27	626	30,667	36,161
Aug 22-Aug 28	2,123	408	31	211	24,512	27,285
Aug 29-Sept 4	1,053	141	17	81	11,429	12,721
Sept 5-Sept 11	132	606	6	33	2,374	3,151
Sept 12-Sept 18	25	8	3	15	1,451	1,502
Sept 19-Sept 25	-	-	-	-	688	688
Sept 26-Oct 2	-	-	-	-	124	124
Oct 3-Oct 9	-	-	-	-	54	54
Oct 10-Oct 16	-	-	-	-	13	13
Oct 17-Oct 23	-	-	-	-	9	9
TOTAL	233,702	193,618	6,553	83,479	273,536	790,888

Table 3. Total purse seine harvest of sockeye salmon in Southeastern Alaska, by district and date, 1982.

Inclusive Dates	Districts												
	101	102	103	104	105	107	109	110	111	112	113	114	Total
June 6-June 12	-	-	-	-	-	-	-	-	-	-	-	-	-
June 13-June 19	-	-	-	-	-	-	-	-	-	-	-	-	-
June 20-June 26	-	-	-	-	-	-	-	-	-	-	-	-	-
June 27-July 3	-	-	-	497	-	-	-	-	-	-	-	-	497
July 4-July 10	6,282	-	-	40,223	-	-	-	-	-	-	-	-	46.505
July 11-July 17	20,833	2,629	-	120,217	-	-	-	-	-	487	-	-	144,166
July 18-July 24	8,404	5,856	-	52,033	-	-	-	-	-	2,275	36,687	-	105,255
July 25-July 31	4,590	3,340	-	6,304	-	-	-	-	-	4,998	-	-	19,232
Aug 1-Aug 7	7,385	4,335	-	13,765	-	-	4,430	2,575	1,678	9,346	25	-	43.539
Aug 8-Aug 14	15,761	3,191	174	25,471	-	-	1,690	1,834	70	3,319	53	-	51,563
Aug 15-Aug 21	6,953	2,070	508	15,985	-	305	572	828	20	4,666	48	-	31,955
Aug 22-Aug 28	2,112	1,036	153	7,301	-	-	392	293	-	1,221	36	134	12,678
Aug 29-Sept 4	1,352	225	124	2,827	43	-	28	-	-	72	0	100	4,771
Sept 5-Sept 11	145	46	81	608	0	-	1	-	-	3	0	-	884
Sept 12-Sept 18	-	-	-	-	-	-	-	-	-	-	-	-	0
Sept 19-Sept 25	-	-	-	-	-	-	-	-	-	-	-	-	0
Sept 26-Oct 2	-	1	-	-	-	-	-	-	-	-	-	-	1
Oct 3-Oct 9	-	18	-	-	-	-	-	-	-	-	-	-	18
TOTAL	73,817	22,747	1,040	285,231	43	305	7,113	5,530	1,768	26,387	36,849	234	461,064

statistics for this district, however, do not accurately reflect the subdistrict breakdown, since biologists stationed on the fishing grounds sampled more fish than were reportedly caught from the two subdistricts (Van Alen, personal communication).

The District 112 (Chatham Strait) purse seine fishery targets primarily on pink salmon. A catch of 26,387 sockeye salmon was reported for this district. The western side of Chatham Strait was open to fishing during the month of July. Most of the sockeye salmon taken during this period were probably bound for small island systems on Chichagof and Baranof Islands. The eastern side of Chatham Strait, along the Admiralty Island shoreline, was opened during August. A distinct change in the age composition of the District 112 purse seine catch occurred in early August (see Appendix Table 13). Examination of scale pattern characteristics of sockeye salmon harvested during this period, together with the dramatic shift in age composition, indicate that a high proportion of these fish were destined for Lynn Canal (McPherson; personal communication).

A total of 22,747 sockeye salmon were taken in the District 102 purse seine fishery. Catches were fairly stable between 2,000 and 6,000 fish for the six week period from early July through mid-August.

Small numbers of sockeye salmon were incidentally harvested in purse seine fisheries targeting on pink salmon in Districts 103, 105, 107, 109, 110, 111, and 114.

Troll Catch:

The troll fishery harvested only small numbers of sockeye salmon (Table 4). A total of 4,814 fish were taken.

Trap Catch:

A total of 24,412 sockeye salmon were taken by fish traps in the Annette Island area of District 101 (Table 5). The traps harvested fish from late June through early September. Peak catches occurred from early to mid-July.

Sport Catch:

The sport catch of sockeye salmon was 3,533 fish (Table 6). Highest catches were reported near major sockeye salmon spawning systems. Sport fish harvest information was available only by regional area, not by district.

Subsistence Catch:

The total reported subsistence harvest of sockeye salmon in Southeastern Alaska was 31,260 fish (Table 7). The actual subsistence harvest was undoubtedly higher, since many of the subsistence permits issued were not returned to the Alaska Department of Fish and Game. The Klawock River produced almost 25% (7,623 fish) of the reported sockeye salmon subsistence harvest in Southeastern Alaska. Large subsistence catches were reported for the Chilkat River (4,851 fish), Sitkoh Bay (4,162 fish), Hetta Lake (3,547 fish), and Karta River (2,803 fish).

Table 4. Total troll harvest of sockeye salmon in Southeastern Alaska, by district and date, 1982.

Inclusive Dates	Districts																				
	101	102	103	104	105	106	107	109	110	111	112	113	114	115	116	152	154	157	181	189	Total
May 23-May 29	0	0	0	5	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	7
May 30-June 5	0	0	0	7	0	1	0	0	0	0	1	5	16	0	0	0	0	0	0	96	126
June 6-June 12	0	0	0	0	0	0	0	1	0	0	0	1	11	0	2	1	0	1	0	0	17
June 13-June 19	0	0	0	1	2	0	0	4	0	0	0	24	1	0	0	3	0	0	0	0	35
June 20-June 26	2	13	2	9	0	0	0	5	0	1	0	108	56	0	3	8	0	2	0	2	211
June 27-July 3	1	17	6	9	1	0	0	5	0	0	4	75	46	0	3	3	1	2	0	0	173
July 4-July 10	0	7	2	8	7	0	2	17	1	0	2	68	95	1	5	0	2	0	0	2	219
July 11-July 17	10	5	9	22	17	3	1	17	1	0	2	210	50	1	10	9	5	2	0	0	374
July 18-July 24	4	10	2	20	5	7	0	4	2	0	4	140	45	1	22	1	15	0	0	2	284
July 25-July 31	16	3	4	4	4	2	0	17	4	0	1	71	14	0	11	0	1	3	2	0	157
Aug 1-Aug 7	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39
Aug 8-Aug 14	6	1	3	178	2	22	0	7	0	0	1	379	65	0	7	0	0	47	0	0	718
Aug 15-Aug 21	14	5	0	4	4	0	0	3	1	2	10	85	20	1	9	0	0	0	5	0	163
Aug 22-Aug 28	5	2	2	2	1	2	0	3	0	0	1	21	11	0	9	0	0	0	1	0	60
Aug 29-Sept 4	1	0	0	0	0	0	0	25	0	0	0	2,175[1]	3	0	4	0	0	1	2	3	2,214
Sept 5-Sept 11	0	0	0	0	1	0	0	0	1	0	0	1	3	0	1	0	0	0	0	0	7
Sept 12-Sept 18	2	0	0	0	0	0	0	0	0	0	0	1	2	0	2	0	0	0	0	0	7
Sept 19-Sept 25	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Sept 26-Oct 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oct 3-Oct 9	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Oct 10-Oct 16	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
TOTAL	100	63	30	269	44	37	3	108	10	3	26	3,366	440	5	88	25	24	58	10	105	4,814

[1] This total probably represents mostly coho salmon catches improperly coded on fish tickets as sockeye salmon.

Table 5. Total trap harvest of sockeye salmon in Southeastern Alaska, by date, 1982.

Inclusive Dates	District 101
June 27-July 3	1,449
July 4-July 10	7,593
July 11-July 17	7,814
July 18-July 24	1,969
July 25-July 31	1,794
Aug 1-Aug 7	2,317
Aug 8-Aug 14	838
Aug 15-Aug 21	381
Aug 22-Aug 28	155
Aug 29-Sept 4	99
Sept 5-Sept 11	3
TOTAL	24,412

Table 6. Total estimated sport fish harvest of sockeye salmon in Southeastern Alaska, by area, 1982.

Area	Catch
Ketchikan	126
Prince of Wales Island	1,321
Petersburg-Wrangell	304
Juneau	344
Sitka	628
Haines	910
TOTAL	3,533

Table 7. Total reported subsistence harvest of sockeye salmon by system in Southeastern Alaska, 1982[1].

Location Code	System	Numbers Reported
101-30-075	Hugh Smith Lake	323
101-80-066	McDonald Lake	182
District 101 TOTAL		505
102-20-040	Paul Lake (Dolomi)	50
102-30-067	Kegan Lake	144
102-60-087	Karta River	2,803
District 102 TOTAL		2,997
103-25-047	Hetta Lake	3,547
103-60-047	Klawock River	7,623
103-80-031	Chuck Lake	61
103-90-014	Sarkar River	1,620
District 103 TOTAL		12,851
105-43-002	Shipley Bay	80
District 105 TOTAL		80
106-41-010	Salmon Bay	55
District 106 TOTAL		55
107-30-030	Thoms Creek	276
107-40-007	Mill Creek	127
District 107 TOTAL		403
109-20-	Gut Bay	649
109-20-	Redbluff Bay/Falls Lake	233
District 109 TOTAL		882
112-	Combination of several systems	453
112-12-016	Little Basket Bay	1,333
112-67-	Kanalku Lake Inlet/Creek	279
District 112 TOTAL		2,065
113-13	Redfish Bay	472
113-22	Politofski Lake/Whale Bay	68
113-34	Necker Bay	812
113-41	Redoubt Bay	99
113-41	Silver Bay	167
113-59	Sitkoh Bay	4,162
113-61	Leo's Anchorage	239
113-72	Klag Bay	196
113-72	Lake Anna	50
District 113 TOTAL		6,265
115-32-025	Chilkat River	4,851
115-33-	Chilkoot Inlet	306
District 115 TOTAL		5,157
TOTAL SOUTHEAST		31,260

[1] These numbers are taken from subsistence permits returned to ADF&G. Actual subsistence harvest undoubtedly were higher than these totals.

Canadian Transboundary River Catch:

Gill net fisheries in the Canadian portions of the Stikine and Taku Rivers harvested additional sockeye salmon in 1982 (Table 8). A total of 20,312 sockeye salmon were taken by the Canadians on the Stikine River, while 3,044 sockeye salmon were caught in the Taku River.

Age Composition and Size Information:

Gill Net. Five-year-old (1977 brood year) sockeye salmon were the dominant age group caught in the gill net fisheries (Table 9). Age 1.3 sockeye salmon were the dominant age class, representing from a minimum of 56.66% of the District 115 catch to a maximum of 83.84% of the District 106 catch. Sockeye salmon that spent two years in freshwater prior to migrating to sea (ages 2.2 and 2.3) were more common in District 115 (11.45% and 25.61%) and District 101 (20.07% and 5.70%) than in other districts. Four-year-old (primarily age 1.2) sockeye salmon were most common in the Canadian fishery on the Stikine River (17.60%) and in District 111 (14.46%). Age composition data by sex and period for each fishery are listed in Appendix Tables 1-6.

Mean lengths and 95% confidence intervals by sex and age class of sockeye salmon caught in Alaskan gill net fisheries are listed in Table 10. No obvious geographic trends in average length data were apparent. Females were generally smaller than males within an age class.

Purse Seine. The average age of sockeye salmon harvest in purse seine fisheries in Southeastern Alaska was smaller and ages were more variable than the ages of fish harvested in the gill net fisheries (Table 11). Five-year-old fish were common in Districts 101, 102, 104, 107, and 113-22 (Whale Bay) although, on average, not as numerous as in the gill net fisheries. Four-year-old (primarily age 1.2) fish were most common in the purse seine catches from Districts 109 and 112, while six-year-old (primarily age 2.3) fish dominated in the combined District 110-111 catch. Redfish Bay (113-13) and Necker Bay (113-34) catches exhibited very distinctive age compositions, and were mostly age 2.2, 2.3, and 3.2 fish. Age composition data by sex and period for each fishery sampled are listed in Appendix Tables 7-16.

Mean lengths and 95% confidence intervals by sex and age class of sockeye salmon caught in Alaskan commercial purse seine fisheries are listed in Table 12. No obvious trends in average length data were apparent between districts, although Necker Bay sockeye salmon were extremely small compared to fish from all other areas. Average female lengths were generally smaller than those of males within specific age classes, as was the case with gill net catches.

Escapement Data

Abundance Estimates:

Escapement counts and indices of abundance (for systems in which 25 or more fish were observed) of sockeye salmon in lakes and rivers in Southeastern Alaska and the Canadian headwaters of the Taku and Stikine Rivers are listed in Table 13. Chilkoot and Chilkat Lakes recorded the highest escapements of the weired systems; 102,973 and 80,221 sockeye salmon, respectively. Hugh Smith and Karta Lakes were

Table 8. Canadian harvest of sockeye salmon from transboundary rivers, by date and location, 1982.

Inclusive Dates	Lower Stikine [1]	Upper Stikine [2]	Taku [3]
June 13-June 19	6	0	0
June 20-June 26	426	0	0
June 27-July 3	1,782	63	500
July 4-July 10	4,452	1,518	932
July 11-July 17	2,875	1,469	1,000
July 18-July 24	2,212	938	200
July 25-July 31	1,360	379	412
Aug 1-Aug 7	1,474	509	0
Aug 8-Aug 14	370	72	0
Aug 15-Aug 21	232	0	0
Aug 22-Aug 28	84	0	0
Aug 29-Sept 4	38	0	0
Sept 5-Sept 11	53	0	0
Total	15,364	4,948	3,044

[1] Commercial gill net fishery.

[2] Subsistence fishery.

[3] Commercial gill net fishery.

Table 9. Summary table of the percent age composition of sockeye salmon in the commercial gill net harvest in Southeastern Alaska, by district, and the Stikine River in Western British Columbia in 1982[1].

District	Sample Size	Total Catch	BROOD YEAR AND AGE CLASS												
			1979		1978			1977			1976			1975	
			0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3
101	3082	233702	0.05	0.00	0.00	6.34	0.01	0.00	67.79	20.07	0.00	5.70	0.01	0.03	0.00
106	2497	193618	0.00	0.00	0.19	3.08	0.04	0.00	83.84	3.90	0.08	8.84	0.00	0.00	0.04
108	792	6553	0.00	0.00	0.26	2.91	0.00	0.12	81.33	2.14	0.00	13.25	0.00	0.00	0.00
111	2899	83479	0.07	0.00	2.61	11.85	0.00	0.04	75.42	2.93	0.19	6.80	0.04	0.00	0.04
115	5346	273536	0.00	0.00	0.32	5.00	0.00	0.01	56.66	11.45	0.30	25.69	0.21	0.00	0.36
108(Stikine)	964	15364	0.00	0.10	2.30	15.30	0.00	0.00	69.60	1.70	0.00	11.00	0.00	0.00	0.00

[1] The Canadian commercial gill net harvest in the Taku River was not sampled.

Table 10. Mean length (± 95% C.I.) by district, sex, and age class of sockeye salmon from gill net harvests in Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS												
			1979		1978			1977			1976			1975	
District	Sex		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3
101 [1]	MALES	x				545.7			603.0	587.8		621.0		515.0	
		95% C.I.				6.9			3.7	5.5		6.1			
		N				99			641	179		156		1	
	FEMALES	x				539.1			587.8	570.7		603.3	598.0		
		95% C.I.				5.2			1.7	3.7		5.2			
		N				121			911	255		144	1		
106	MALES	x			597.3	539.4			595.6	554.1		593.0			615.0
		95% C.I.			37.4	10.0			1.8	11.9		5.9			
		N			4	32			893	52		97			1
	FEMALES	x			570.0	523.9	575.0		579.1	552.4	581.0	582.3			
		95% C.I.				8.6			1.5	9.2	139.8	4.0			
		N			1	45	1		1191	47	2	131			
108 [1]	MALES	x				562.5			600.0	548.0		582.3			
		95% C.I.				60.1			4.7	58.1		20.0			
		N				4			97	3		9			
	FEMALES	x				532.3			581.3	571.0		577.4			
		95% C.I.				11.8			3.2	47.5		5.0			
		N				12			236	4		68			
111	MALES	x	493.0		602.5	515.5			605.1	564.6	614.8	620.7			612.0
		95% C.I.	216.1		7.7	6.3			1.8	8.0	66.3	4.3			25.4
		N	2		35	201			858	64	4	135			2
	FEMALES	x			585.5	520.8		595.0	583.9	550.1	590.0	598.2	552.5		
		95% C.I.			7.8	4.3			1.3	5.5		3.1	95.3		
		N			44	170		1	1134	72	1	174	2		
115	MALES	x			581.8	513.0		549.0	594.6	573.1	623.2	621.2	590.2		623.1
		95% C.I.			22.5	5.3			1.3	2.7	45.0	1.6	22.3		24.2
		N			10	158		1	1331	349	5	781	9		9
	FEMALES	x			573.2	513.3		576.0	577.5	557.2	598.7	603.1	563.3		599.7
		95% C.I.			12.4	8.3			1.1	2.6	85.5	1.7	50.5		50.0
		N			19	51		1	1628	315	3	667	6		3

[1] Data represents a subsample of fish sampled in this district.

Table 11. Summary table of the percent age composition of sockeye salmon in the commercial purse seine catch in Southeastern Alaska by district, 1982.

District	Sample Size	Total Catch	BROOD YEAR AND AGE CLASS												
			1979		1978			1977			1976			1975	
			0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3
101	1,486	73817	0.00	0.07	0.00	13.50	0.00	0.00	75.98	7.11	0.00	3.33	0.00	0.00	0.00
102	772	22747	0.00	0.13	0.00	20.21	0.39	0.00	51.30	16.84	0.00	10.23	0.78	0.00	0.13
104	2,365	285231	0.03	0.00	0.00	15.45	0.10	0.07	73.31	7.34	0.03	3.59	0.03	0.03	0.03
107	113	305	0.00	7.21	0.00	19.67	0.98	0.00	39.67	19.34	0.00	12.13	0.98	0.00	0.00
109	529	7113	0.37	0.94	0.94	38.41	0.37	0.00	25.52	14.56	0.00	17.77	0.94	0.00	0.18
110-111	900	7298	0.19	0.59	0.71	20.13	0.77	0.04	22.17	11.92	0.30	42.67	0.00	0.32	0.19
112	1,529	26387	0.29	0.81	0.61	31.76	0.17	0.00	21.63	18.22	0.24	26.26	0.00	0.00	0.00
113-13 (Redfish Bay)	359	[1]	0.00	0.00	0.00	0.30	1.40	0.00	1.10	15.30	0.00	48.30	31.70	0.00	1.90
113-22 (Whale Bay)	198	[1]	0.00	0.50	0.00	27.80	1.50	0.00	43.50	6.50	0.00	20.20	0.00	0.00	0.00
113-34 (Necker Bay)	764	[1]	0.00	0.00	0.00	1.40	0.10	0.00	0.00	76.20	0.10	0.90	21.30	0.00	0.00

[1] Fish ticket data is inaccurate. No accurate total catch figure for these subdistricts are available.

Table 12. Mean length (± 95% C.I.) by district, sex, and age class of sockeye salmon from purse seine harvests in Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS												
			1979		1978			1977			1976			1975	
District	Sex		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3
101	MALES	x		382.0		508.2			592.3	550.8		625.9			
		95% C.I.				7.9			2.2	13.4		13.2			
		N		1		88			535	52		22			
	FEMALES	x				511.6			582.0	540.3		603.0			
		95% C.I.				6.4			2.0	11.6		11.7			
		N				111			597	53		27			
102	MALES	x				521.2	415.7		584.9	532.6		600.1	503.5		
		95% C.I.				8.4	118.7		5.6	10.4		12.8	209.7		
		N				68	3		158	59		28	2		
	FEMALES	x		400.0		505.3			575.2	519.8		573.8	549.5		530.0
		95% C.I.				7.1			4.1	7.5		8.4	77.1		
		N		1		88			238	71		51	4		1
104	SEXES COMBINED	x	490.0			529.6	385.0	558.0	585.9	542.2	585.0	598.6	481.0	612.0	600.0
		95% C.I.				4.4	317.7		2.2	11.6		7.1			
		N	1			466	2	1	1618	187	1	86	1	1	1
107	MALES	x		347.0		506.6	432.0		592.7	520.6		618.2	492.0		
		95% C.I.				20.9			11.4	19.2		49.8			
		N		1		14	1		23	13		5	1		
	FEMALES	X		343.0		522.9			573.0	519.7		576.0			
		95% C.I.		11.0		25.4			12.1	18.6		18.9			
		N		7		8			22	9		9			
109	MALES	x	514.0	341.0	550.0	486.5	393.0		565.3	516.2		592.7	519.0		619.0
		95% C.I.		63.5		8.3			8.3	20.1		20.6	111.3		
		N	1	2	1	79	1		50	26		27	4		1
	FEMALES	x	433.0	358.7	548.5	488.3	600.0		554.4	501.1		589.5	536.0		
		95% C.I.		72.9	51.7	6.5			7.9	12.6		9.2			
		N	1	3	4	124	1		85	51		67	1		
110-111	MALES	x	474.0	339.0	584.5	484.5		629.0	585.1	552.9	655.0	614.5			622.0
		95% C.I.		317.7	133.5	10.6			7.1	13.9		4.1			38.1
		N	1	2	2	77		1	66	38	1	157			2
	FEMALES	x	440.0	351.3	569.5	491.6	379.7		577.3	536.8	615.0	597.9		597.0	
		95% C.I.		16.9	55.8	7.9	15.7		4.8	6.6		2.5		216.1	
		N	1	4	4	75	7		99	91	1	269		2	

-Continued-

Table 12. Mean length (± 95% C.I.) by district, sex, and age class of sockeye salmon from purse seine harvests in Southeastern Alaska, 1982 (continued).

			BROOD YEAR AND AGE CLASS												
			1979		1978			1977			1976			1975	
District	Sex		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3
112	MALES	x	498.0	308.9	574.4	492.2	327.5		577.3	546.1	580.0	614.8			
		95% C.I.	292.3	15.9	53.8	3.8	31.8		5.3	7.4		5.0			
		N	2	9	5	307	2		154	96	1	144			
	FEMALES	x	511.3	452.0	567.8	479.2			564.2	536.9	652.5	594.3			
		95% C.I.	104.1		18.0	9.3			4.7	4.8	413.1	3.4			
		N	3	1	8	284			182	140	2	189			
113-13 (Redfish Bay)	MALES	x					358.0		600.0	544.6		586.7	547.9		587.5
		95% C.I.					31.3			9.9		5.2	7.0		32.8
		N					5		1	34		84	54		4
	FEMALES	x				530.0			595.0	541.9		580.3	539.3		566.7
		95% C.I.							21.5	11.3		3.4	5.6		74.9
		N		1		1			3	21		89	60		3
113-22 (Whale Bay)	MALES	x		343.0		505.9	398.7		567.1	478.3		572.0			
		95% C.I.				9.0	5.8		9.2	35.3		12.5			
		N		1		32	3		41	6		22			
	FEMALES	x				499.7			541.6	484.4		545.2			
		95% C.I.				11.1			5.8	24.6		14.6			
		N				23			45	7		18			
113-34 (Necker Bay)	SEXES COMBINED	X				392.3	325.0			428.4	570.0	467.3	427.0		
		95% C.I.				12.7				1.6		23.0	2.8		
		N				11	1			581	1	7	163		

Table 13. Peak escapement and weir counts for Southeastern Alaska sockeye salmon systems, 1982. Abbreviations for types of surveys are as follows: (A) aerial, (B) boat, (F) foot, (H) helicopter, (T) preliminary tagging estimate, (W) weir, (C) population estimate-carcasses.

Stream Number	Stream Name	Count	(Method)	Date	Organization
101-11-039	Sockeye Creek	837	(F)	9/23	NMFS[1]
101-11-079	Fillmore Lake	600	(F)	9/01	NMFS
101-11-080	Hoffman Creek	450	(F)	8/30	ADF&G[2]
101-30-075	Hugh Smith Lake	57,224	(W)	6/06-10/31	ADF&G
101-45-030	Bull Creek	50	(A)	7/27	ADF&G
101-45-032	Leask Lake	604	(F)	9/04	ADF&G
101-47-015	Ward Creek	290	(F)	9/16	ADF&G
101-75-017	Clear Creek-Unuk River	314	(F)	8/13	ADF&G
101-80-040	Wasta Creek	101	(F)	9/17	ADF&G
101-80-068	McDonald Lake	16,587	(W)	7/02-09/12	ADF&G
101-90-050	Naha Lake	6,508	(F)	9/16-20	NMFS
			(T)[3]		NMFS
101-90-084	Helm Lake	1,090	(F)	7/04 or 25	NMFS
			(T)[3]		NMFS
102-20-040	Paul Lake (Dolomi)	200	(F)	9/15	ADF&G
102-30-013	Johnson Cove Lake	100	(A)	7/27	ADF&G
102-30-017	Johnson Cove Creek	2,200	(F)	9/19	ADF&G
102-30-067	Kegan Lake	14,485	(W)	6/19-09/20	NMFS
102-60-087	Karta Lake	41,492	(W)	6/24-09/22	NMFS
103-15-027	Klakas Lake	2,065	(W)[4]	7/30-11/19	ADF&G
		5,000	(F)	9/24	NMFS
			(T)[3]		NMFS
103-25-009	Eek Creek	892	(F)	9/18	NMFS
103-25-047	Hetta Lake	5,387	(W)	6/16-08/27	NMFS
103-30-031	HowKan Narrows	703	(F)	9/06	ADF&G
103-60-047	Klawock River	4,812	(W)	6/28-10/11	ADF&G
103-80-031	Chuck Lake	1,826	(W)[5]	8/23-11/13	ADF&G
		3,575	(F)	10/11	ADF&G
			(T)[3]		NMFS
103-90-010	Sarkar Lake	7,657	(W)	6/14-08/22	NMFS
103-90-025	Yatuk Creek	70	(F)	9/20	ADF&G
103-90-069	Tokeen Bay Head	25	(F)	9/19	ADF&G
105-31-003	Kushneahin Lake	3,000	(F)	8/24	NMFS
			(T)[3]		NMFS
105-42-014	Sutter Lake	834	(F)	9/16	ADF&G
			(T)[3]		NMFS
105-43-002	Shipley Bay Lake	362	(F)	9/17	NMFS
			(T)[3]		NMFS
106-10-010	Trumpeter Lake (Ratz Harbor)	285	(F)	9/22	NMFS
106-10-034	Luck Lake	902	(F)	8/29	ADF&G
106-30-051	Sweetwater Lake (Hatchery Cr.)	422	(F)	9/26	ADF&G
106-41-010	Salmon Bay Lake	16,041	(W)	6/26-9/02	ADF&G
106-41-012	Salmon Bay Lake S.Hd.	4,610	(F)	9/10	ADF&G
106-41-015	Salmon Bay Lake W.Hd.	300	(A)	8/18	ADF&G
106-41-030	Red Lake	2,908	(F)	9/20	NMFS
106-42-010	Kah Sheets Lake	500	(A)	7/09	ADF&G
106-44-060	Petersburg Lake	200	(A)	7/29	ADF&G

-Continued-

Table 13. Peak escapement and weir counts for Southeastern Alaska sockeye salmon systems, 1982. Abbreviations for types of surveys are as follows: (A) aerial, (B) boat, (F) foot, (H) helicopter, (T) preliminary tagging estimate, (W) weir, (C) population estimate-carcasses (continued).

Stream Number	Stream Name	Count	(Method)	Date	Organization
107-30-030	Thoms Lake	3,438	(F)	9/03	NMFS
			(T)[3]		NMFS
107-40-047	Tom Lake	33	(F)	8/31	ADF&G
108-40-013	Shakes Slough	47	(F)	8/18	ADF&G
108-40-020	Andrews Creek	194	(F)	8/25	ADF&G
108-70-079	W. Verrett River	25	(A)	8/12	ADF&G
108-80-060	Chutine River	40	(A)	8/20	ADF&G
108-80-110	Tahltan Lake	28,257	(W)	7/11-09/04	CDF&O[6]
109-20-013	Falls Lake	1,687	(W)	6/30-8/27	ADF&G
109-52-035	Kutlaku Lake	750	(F)	9/21	ADF&G
109-62-013	Alecks Lake	1,680	(F)	9/05	ADF&G
111-32-066	Yehring Creek	39	(F)	10/22	ADF&G
111-32-235	Kuthai Lake	450	(F)	8/29	ADF&G
111-32-245/6	Little Trapper Lake/Creek	14,500	(F)	8/29	ADF&G
111-32-270	Nahlin River	660	(H)	7/28	ADF&G
111-33-034	Speel Lake	2,000	(C)	9.08-11/10	ADF&G
111-35-006	Crescent Lake	1,265	(A)	8/13	ADF&G
		1,000	(B)	10/02	ADF&G
111-50-042	Auke Lake	1,334	(W)	7/19-09/30	NMFS
111-50-056	Steep Creek	1,226	(F)	8/08	ADF&G
112-12-025	Kook Lake	1,000	(A)	7/19	ADF&G
112-50-010	Pavlof Lake	200	(A)	8/08	ADF&G
113-13-001	Redfish Bay Hd.	5,000	(A)	8/09	ADF&G
113-22-008	Politofski Lake	3,000	(F)	9/01	ADF&G
113-41-032	Salmon Lake	200	(B)	6/30	ADF&G
113-41-043	Redoubt Lake	430	(W)	6/23-08/22	ADF&G
113-59-004	Sitkoh Lake	7,228	(W)	6/16-9/04	ADF&G
113-72-002	Fish Camp-Klag Bay	5,000	(A)	8/11	ADF&G
113-73-003	Ford Arm Lake	800	(F)	8/28	ADF&G
114-33-023	Neka River	48	(W)	7/1-8/11	ADF&G
114-70-090	Bartlett River	30	(A)	8/16	ADF&G
115-20-030	Antler/Gilkey River	100	(A)	11/01	ADF&G
115-32-032	Chilkat Lake Outlet	80,221	(W)	6/25-10/07	ADF&G
115-32-045	Little Salmon River	114	(F)	10/25	ADF&G
115-32-061	Mule Meadows	600	(A)	9/16	ADF&G
115-32-062	Bear Flats	404	(F)	10/26	ADF&G
115-33-020	Chilkoot Lake	102,973	(W)	6/06-9/16	ADF&G

1 National Marine Fisheries Service.
2 Alaska Department of Fish and Game.
3 Escapement estimate based on tagging data will be developed by National Marine Fisheries Service-Auke Bay Laboratory.
4 Coho salmon weir installed on 7/30, after many sockeye salmon had entered the lake.
5 Coho salmon weir installed on 8/23, after many sockeye salmon had entered the lake.
6 Canadian Department of Fisheries and Oceans.

also weired, receiving escapements of 57,224 and 41,492 fish, respectively. A total of 28,257 fish passed through the Tahltan Lake weir in western British Columbia. Between 14,000 and 17,000 sockeye salmon were counted through McDonald Lake, Salmon Bay Lake, and Kegan Lake weirs, while less than 10,000 sockeye salmon returned through weirs at Hetta, Klawock, Sarkar, Falls, Auke, Redoubt, and Sitkoh Lakes.

Indices of escapement abundance were provided for many sockeye salmon systems in the Region using peak aerial, foot, and boat surveys. The survey data must be used cautiously because the proportion of the total run observed within each system was unknown and varied between systems as well.

The National Marine Fisheries Service performed mark-recapture studies to estimate sockeye salmon escapements to Naha, Helm, Klakas, Chuck, Kushneahin, Sutter, Shipley Bay, and Thoms Lakes. These estimates are not presently available but will be reported later by the National Marine Fisheries Service.

Run Timing:

Migratory timing of sockeye salmon through the 15 weirs in the Region (Table 14) revealed a highly variable pattern. Sarkar Lake exhibited the earliest run (mean date 2 July) while Chilkat Lake exhibited the latest (mean date 8 September). In general the mean date of passage was between mid-July and mid-August. Variability in the duration of migration was also extreme; at Falls Lake 80% of the run passed through the weir in 10 days (23 July through 1 August) while at Chilkoot Lake it took 58 days (19 June through 16 August) for 80% of the run to pass the weir site. No relationship between means and variances was detected.

Age Composition and Size Information:

The 1977 brood year (age 1.3) predominated in most of the escapements to the 43 sampled systems (Table 15). Age 1.1 (1979 brood year) was the most common age class in Luck Lake (39.0%) and Petersburg Lake (45.20%), however the sample size for the latter system was extremely small. Speel Lake exhibited the highest proportion of age 1.2 fish (55.50%). Over 40% of the sockeye salmon sampled from the escapements to Chuck, Paul, and Crescent Lakes were also from this age class. Fish with two freshwater annuli (ages 2.2 and 2.3) were most common in Leask, Kushneahin, Kah Sheets, Thoms, Auke, and Chilkat Lakes. Age composition data by sex and period and weir counts are listed for each sampled escapement in Appendix Tables 17-74. Of the six escapements for which data could be broken into sample periods, three systems (Chilkat, Kegan, and Hugh Smith Lakes) experienced increased percentages of fish with two freshwater annuli in the latter portions of their returns.

The use of several different methods to collect escapement samples may introduce some bias into age composition estimates. Extremely small fish (1-ocean jacks) probably pass through most weirs uncounted and unsampled, but are available to beach seining or carcass sampling on the spawning grounds. For example, all of the ten systems that exhibited greater than 10% jacks were sampled using beach seines or by collection of carcasses. The highest percentage of jacks reported in any of the 15 weired systems was only 1.42% (Salmon Bay Lake). Daily sampling in proportion to abundance at weirs, however, undoubtedly provides a more accurate age composition estimate for all non-jack returns than could be obtained by occasional beach seining or carcass sampling.

Table 14. Summary of sockeye salmon run timing through weirs in Southeastern Alaska by system, 1982.

SYSTEM	DATES OF OPERATION	CUMULATIVE PERCENT PAST WEIR			MEAN DATE [1]	VARIANCE [2]
		10%	50%	90%		
Hugh Smith Lake	June 6-Oct. 31	June 20	July 9	August 7	July 12	420.5
McDonald Lake	July 2-Sept. 12	August 19	Sept. 1	Sept. 6	August 31	97.5
Kegan Lake	June 19-Sept. 20	July 3	August 8	Sept. 3	August 3	336.3
Karta Lake	June 9-Sept. 22	June 29	July 10	August 15	July 16	337.9
Hetta Lake	June 16-August 27	June 29	August 6	August 12	July 26	300.2
Klawock River	June 28-Oct. 11	August 3	Sept. 1	Sept. 1	August 22	181.9
Sarkar Lake	June 14-August 22	June 16	July 1	July 15	July 2	112.6
Salmon Bay Lake	June 26-Sept. 2	July 23	August 11	August 31	August 13	191.4
Tahltan Lake	July 11-Sept. 3	July 16	July 20	July 30	July 23	67.9
Falls Lake	June 30-August 27	July 23	July 25	August 1	July 27	38.3
Auke Lake	July 19-Sept. 30	July 19	August 10	Sept. 1	August 15	250.7
Redoubt Lake	June 23-August 22	July 2	July 29	August 12	July 23	261.6
Sitkoh Lake	June 16-Sept. 4	July 17	August 29	Sept. 1	August 13	441.5
Chilkat Lake	June 25-Oct. 7	August 7	Sept. 13	Sept. 25	Sept. 8	402.0
Chilkoot Lake	June 3-Sept. 16	June 19	July 25	August 16	July 22	443.5

[1] Rounded to the nearest calendar date.

[2] Days squared.

Table 15. Summary table of the sample size and percent age composition of sockeye salmon in escapements to Southeastern Alaska systems in 1982.

Stream Number	System	Sample Size	BROOD YEAR AND AGE CLASS											
			1979		1978			1977		1976			1975	
			0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	3.3
101-11-039	Fillmore	143	0.00	23.80	0.00	9.10	0.70	65.70	0.00	0.70	0.00	0.00	0.00	0.00
101-11-079	Hugh Smith	3,009	0.00	0.00	0.02	2.93	0.00	90.45	1.59	0.00	5.01	0.00	0.00	0.00
101-45-032	Leask	257	0.00	1.20	0.00	3.90	4.70	0.40	89.80	0.00	0.00	0.00	0.00	0.00
101-80-068	McDonald	629	0.00	0.31	0.00	4.77	0.32	73.46	8.59	0.16	12.40	0.00	0.00	0.00
101-90-050	Naha	184	0.00	0.00	0.00	8.10	0.00	89.80	0.50	0.00	1.60	0.00	0.00	0.00
101-90-084	Helm	276	0.00	12.70	0.00	16.30	0.00	70.60	0.40	0.00	0.00	0.00	0.00	0.00
102-20-040	Paul	106	0.00	0.90	0.00	40.60	0.00	35.80	15.10	0.00	7.60	0.00	0.00	0.00
102-30-013	Johnson	337	0.00	1.50	0.00	11.30	1.20	51.70	20.70	0.00	13.60	0.00	0.00	0.00
102-30-067	Kegan	1,776	0.09	0.00	0.00	16.76	0.00	61.04	10.91	0.00	11.20	0.00	0.00	0.00
102-60-087	Karta	1,429	0.00	0.00	0.00	5.00	0.00	92.40	1.68	0.07	0.85	0.00	0.00	0.00
103-15-027	Klakas	356	0.00	0.00	0.00	3.00	0.00	94.50	0.30	0.00	2.20	0.00	0.00	0.00
103-25-047	Hetta	745	0.00	0.00	0.54	6.85	0.00	92.22	0.00	0.13	0.26	0.00	0.00	0.00
103-60-047	Klawock	725	0.00	0.42	0.00	15.17	0.15	59.56	23.59	0.00	0.98	0.15	0.00	0.00
103-80-031	Chuck	332	0.00	0.30	0.00	40.70	0.30	43.70	14.40	0.00	0.60	0.00	0.00	0.00
103-90-010	Sarkar	538	0.00	0.00	0.00	20.44	0.00	38.85	37.93	0.00	2.60	0.00	0.00	0.18
105-31-003	Kushneahin	30	0.00	0.00	0.00	10.00	0.00	26.70	0.00	0.00	63.30	0.00	0.00	0.00
105-42-014	Sutter	177	0.00	0.00	0.00	7.90	1.10	43.50	5.10	0.00	40.70	0.00	0.00	1.70
105-43-002	Shipley	92	0.00	0.00	0.00	0.00	1.10	1.10	12.00	0.00	31.60	29.20	0.00	25.00
106-10-010	Trumpeter	120	0.00	13.30	0.00	8.40	0.00	74.90	3.40	0.00	0.00	0.00	0.00	0.00
106-10-034	Luck	365	0.00	39.00	0.00	10.40	0.30	36.50	6.50	0.00	7.30	0.00	0.00	0.00
106-30-051	Sweetwater	346	0.00	0.60	0.30	11.00	0.00	76.90	5.50	0.00	5.70	0.00	0.00	0.00
106-41-010	Salmon Bay	1,302	0.00	1.42	0.00	15.36	0.12	74.10	6.63	0.03	2.33	0.00	0.00	0.00
106-41-030	Red Bay	316	0.00	2.50	0.00	21.50	0.60	67.50	1.50	0.00	6.40	0.00	0.00	0.00
106-42-010	Kah Sheets	25	4.00	0.00	0.00	4.00	0.00	36.00	0.00	0.00	56.00	0.00	0.00	0.00
106-44-060	Petersburg	31	0.00	45.20	3.20	32.30	3.20	12.90	0.00	0.00	3.20	0.00	0.00	0.00
107-30-030	Thoms	508	0.00	11.20	0.20	1.20	2.60	34.20	5.30	0.00	45.30	0.00	0.00	0.00
108-40-020	Andrew	9	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
108-80-110	Tahltan	441	0.00	0.00	0.00	4.08	0.00	78.00	0.23	0.23	17.46	0.00	0.00	0.00
109-20-013	Falls	532	0.18	0.00	0.18	32.90	0.00	19.74	29.76	0.00	16.72	0.00	0.36	0.18
109-52-035	Kutlaku	345	0.00	10.40	0.00	35.70	0.30	51.20	1.20	0.00	1.20	0.00	0.00	0.00
109-62-013	Alecks	396	0.00	20.60	0.00	19.20	2.80	30.80	23.30	0.00	3.30	0.00	0.00	0.00
111-32-235	Kuthai	219	0.00	0.00	0.00	21.40	0.00	73.10	0.00	0.00	5.50	0.00	0.00	0.00
111-32-245/6	Trapper	611	0.00	0.30	0.20	8.50	0.00	75.20	1.60	0.00	14.20	0.00	0.00	0.00
111-50-056	Speel	312	0.00	3.50	0.00	55.50	0.00	39.80	0.00	0.30	0.90	0.00	0.00	0.00
111-35-006	Crescent	323	0.00	2.50	0.00	40.30	0.90	52.60	2.80	0.00	0.90	0.00	0.00	0.00
111-50-042	Auke	214	0.00	0.00	0.00	1.80	1.87	16.79	19.64	0.00	53.37	3.75	0.45	2.32
111-50-056	Steep	335	0.00	0.60	2.40	13.70	0.00	76.40	0.90	0.90	5.10	0.00	0.00	0.00
113-22-008	Politofski	199	0.00	11.10	0.50	15.50	19.10	36.30	4.50	0.00	12.50	0.50	0.00	0.00
113-41-043	Redoubt	297	0.23	0.00	0.47	18.60	0.23	47.67	15.81	1.86	7.91	2.56	3.72	0.93
113-59-004	Sitkoh	764	0.00	0.00	0.00	24.35	0.00	71.73	1.31	0.12	2.48	0.00	0.00	0.00
113-73-003	Ford Arm	263	0.00	19.70	0.40	11.80	0.80	40.40	9.90	0.00	15.50	1.50	0.00	0.00
115-20-032	Chilkat	1,632	0.00	0.40	0.04	1.97	2.77	9.78	47.67	0.00	35.78	1.49	0.00	0.10
115-33-020	Chilkoot	1,691	0.00	0.00	0.23	19.19	0.00	78.14	0.54	0.95	0.95	0.00	0.00	0.00

Substantial variability existed between systems in the size by age and sex of sockeye salmon in escapements to Southeastern Alaskan systems (Table 16). For example, mean lengths of age 1.3 males ranged from 515.7 + 7.4 mm for Helm Lake to 618.5 + 4.8 mm for Chilkat Lake. Factors that could be expected to contribute to this observed variability are: the selective properties of the gillnet fisheries through which many of these stocks pass, genetic differences in growth between stocks, time-of-entry into freshwater during the spawning migration and hence the last year's ocean feeding time, and errors in sex and/or age determination. Elucidation of the effects that these and other factors may have in contributing to the observed variation in size at age by sex awaits further study.

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Table 16. Mean length (± 95% C.I.) by sex and age class of sockeye salmon from escapements in Southeastern Alaska and Canada by system, 1982.

			BROOD YEAR AND AGE CLASS												
			1979		1978			1977			1976			1975	
System	Sex		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3
Fillmore	MALES	x		316.9		434.5	275.0		589.8		670.0				
		95% C.I.		6.0		44.0			16.0						
		N		32		11	1		48		1				
	FEMALES	x		460.0		501.5			565.6						
		95% C.I.		460.0		108.0			7.4						
		N		2		2			46						
Hugh Smith	MALES	x				485.2			598.4	532.1		597.8			
		95% C.I.				5.9			1.4	9.9		4.1			
		N				120			1072	73		137			
	FEMALES	x				492.6			581.6	525.4		590.0			
		95% C.I.				10.0			1.2	8.4		2.7			
		N				54			1233	49		270			
Leask	MALES	x		348.3		500.4	393.1			500.8					
		95% C.I.		68.3		34.9	30.3			5.8					
		N		3		7	11			105					
	FEMALES	x				493.3	460.0		540.0	492.6					
		95% C.I.				47.0				3.9					
		N				3	1		1	126					
McDonald	MALES	x		325.0		482.8	336.5		608.5	490.6		598.1			
		95% C.I.				26.4	283.3		2.9	13.2		10.3			
		N		1		19	2		229	47		37			
	FEMALES	x		469.0		534.8			589.4	528.4	695.0	586.6			
		95% C.I.				32.4			2.4	34.3		7.3			
		N		1		11			233	7	1	41			
Naha	MALES	x				528.0			599.5						
		95% C.I.				11.3			5.4						
		N				5			92						
	FEMALES	x				530.0			571.4	570.0		586.7			
		95% C.I.				18.1			6.2			57.4			
		N				10			73	1		3			
Helm	MALES	x		346.8		461.2			515.7						
		95% C.I.		10.6		11.1			7.4						
		N		34		16			76						
	FEMALES	x		404.0		470.8			523.8	466.0					
		95% C.I.				4.8			33.2						
		N		1		29			119	1					

-Continued-

Table 16. Mean length (± 95% C.I.) by sex and age class of sockeye salmon from escapements in Southeastern Alaska and Canada by system, 1982 (continued).

			BROOD YEAR AND AGE CLASS												
			1979		1978			1977			1976			1975	
System	Sex		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3
Paul	MALES	x		320.0		501.7			546.4	511.7		717.2			
		95% C.I.				4.7			12.4	265.0		441.5			
		N		1		21			22	6		6			
	FEMALES	x				493.0			540.3	499.5		565.0			
		95% C.I.				8.2			9.8	16.2		190.6			
		N				22			16	10		2			
Johnson	MALES	x		325.0		500.7	355.0		579.9	502.6		562.4			
		95% C.I.		29.2		5.3	21.5		6.4	13.8		12.7			
		N		5		14	4		80	23		23			
	FEMALES	x				497.5			556.6	494.6		550.2			
		95% C.I.				6.3			4.7	7.4		9.4			
		N				24			94	47		23			
Kegan	MALES	x		348.3		522.2			589.7	535.7		593.0			
		95% C.I.		68.3		4.4			2.4	5.7		6.4			
		N		3		176			506	102		62			
	FEMALES	x	555.0			516.1			574.0	524.5		581.0			
		95% C.I.				4.8			1.8	5.1		4.2			
		N	1			122			635	74		98			
Karta	MALES	x				540.7			601.6	550.0		597.8			
		95% C.I.				8.9			1.6	12.7		15.2			
		N				45			767	15		9			
	FEMALES	x				519.8			575.0	531.1		581.7			
		95% C.I.				9.2			1.7	22.6		51.7			
		N				27			553	9		3			
Klakas	MALES	x				592.4			605.0	530.0		624.0			
		95% C.I.				29.8			4.0			69.1			
		N				8			169	1		4			
	FEMALES	x				508.7			583.1			581.3			
		95% C.I.				93.8			4.5			4.0			
		N				3			167			4			
Hetta	MALES	x			590.0	536.0			576.8			585.0			
		95% C.I.			74.5	10.5			2.4			127.1			
		N			3	30			361			2			
	FEMALES	x				521.8			559.2						
		95% C.I.				14.0			2.5						
		N				21			326						

-Continued-

Table 16. Mean length (± 95% C.I.) by sex and age class of sockeye salmon from escapements in Southeastern Alaska and Canada by system, 1982 (continued).

			BROOD YEAR AND AGE CLASS												
			1979		1978			1977			1976			1975	
System	Sex		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3
Klawock	MALES	x		340.0		530.7	370.0		593.4	519.3		512.3	550.1		
		95% C.I.				11.8			3.1	17.7		73.4			
		N		1		49	1		173	66		3	1		
	FEMALES	x		362.5		500.5			567.0	519.6		567.3			
		95% C.I.		95.3		7.6			3.3	5.1		24.5			
		N		2		61			259	105		4			
Chuck	MALES	x		335.0		504.7			557.0	523.7		580.0			
		95% C.I.				5.3			5.6	12.4					
		N		1		79			101	22		1			
	FEMALES	x				500.7	560.0		544.9	514.9		560.0			
		95% C.I.				6.9			7.0	10.8					
		N				56	1		44	26		1			
Sarkar	MALES	x				500.9			553.1	512.7		552.5			
		95% C.I.				7.6			6.4	5.6		33.5			
		N				58			86	92		6			
	FEMALES	x				489.9			533.5	497.5		535.6			500.0
		95% C.I.				7.3			3.6	4.2		14.7			
		N				52			123	112		8			1
Kushneahin	MALES	x							419.0			566.3			
		95% C.I.							445.7			30.4			
		N							4			6			
	FEMALES	x				505.7			540.4			541.3			
		95% C.I.				116.0			45.0			22.1			
		N				3			5			13			
Sutter	MALES	x				462.0	340.5		506.4			558.8			
		95% C.I.				76.3	184.3		76.3			60.0			
		N				2	2		23			20			
	FEMALES	x				475.3			518.5	476.7		523.7			
		95% C.I.				7.2			27.5	18.8		21.0			
		N				12			56	9		52			
Shipley	MALES	x					317.0		518.0	488.3		524.8	465.0		504.6
		95% C.I.								26.1		39.2	7.9		14.2
		N					1		1	10		11	23		17
	FEMALES	x								559.0		517.5	478.8		506.0
		95% C.I.										23.2	57.6		37.8
		N								1		18	4		6

-Continued-

Table 16. Mean length (± 95% C.I.) by sex and age class of sockeye salmon from escapements in Southeastern Alaska and Canada by system, 1982 (continued).

			BROOD YEAR AND AGE CLASS												
			1979		1978			1977			1976			1975	
System	Sex		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3
Trumpeter	MALES	x		351.3		376.3			544.8	528.0					
		95% C.I.		28.4		194.7			36.8	50.8					
		N		16		5			43	2					
	FEMALES	x				477.8			533.0	473.5					
		95% C.I.				15.1			6.6	120.7					
		N				5			47	2					
Luck	MALES	x		328.6		441.2	398.0		589.7	423.5		584.5			
		95% C.I.		3.5		34.4			29.3	95.3		222.4			
		N		132		27	1		22	10		2			
	FEMALES	x		357.6		683.7			608.8	676.3		570.1			
		95% C.I.		58.2		402.5			50.0	310.8		11.0			
		N		10		11			111	14		25			
Sweetwater	MALES	x		359.0		446.9			538.1	481.7		526.0			
		95% C.I.				35.3			5.7	17.5		19.6			
		N		1		7			96	3		5			
	FEMALES	x		550.0	476.0	468.9			524.6	481.4		524.4			
		95% C.I.				5.9			3.9	10.0		9.4			
		N		1	1	31			170	16		15			
Salmon Bay	MALES	x		353.2		480.7	320.0		592.0	524.6		590.6			
		95% C.I.		14.8		9.7			3.1	24.2		21.4			
		N		11		114	1		367	23		16			
	FEMALES	x		335.0		506.5			569.9	521.3	600.0	568.9			
		95% C.I.				10.2			2.0	10.3		9.6			
		N		1		81			615	45	1	27			
Red Bay	MALES	x		333.9		439.8	317.5		564.1	452.7		568.2			
		95% C.I.		26.2		5.5	82.6		15.4	33.4		29.2			
		N		7		57	2		59	3		10			
	FEMALES	x		387.0		461.5			562.9	509.5		555.7			
		95% C.I.				14.5			24.8	222.4		17.7			
		N		1		11			154	2		10			
Kah Sheets	MALES	x							556.3			551.7			
		95% C.I.							26.6			51.7			
		N							4			3			
	FEMALES	x	468.0			465.0			723.6			538.1			
		95% C.I.							313.4			41.4			
		N	1			1			5			11			

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Table 16. Mean length (± 95% C.I.) by sex and age class of sockeye salmon from escapements in Southeastern Alaska and Canada by system, 1982 (continued).

			BROOD YEAR AND AGE CLASS												
			1979		1978			1977			1976			1975	
System	Sex		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3
Petersburg	MALES	x		299.5	370.0	377.4	334.0		575.0						
		95% C.I.		50.0		131.3									
		N		14	1	7	1		1						
	FEMALES	x				463.3			481.3	473.5		525.0			
		95% C.I.				30.3			148.7	120.7					
		N				3			3	2		1			
Thoms	MALES	x		345.9		484.0	306.1		565.5	482.4		554.9			
		95% C.I.		14.3		25.4	70.5		5.4	14.2		7.0			
		N		57		2	13		82	7		108			
	FEMALES	x			547.0	462.8			540.5	481.0		547.6			
		95% C.I.				22.8			8.2	9.4		4.5			
		N			1	4			92	20		122			
Andrew	MALES	x							571.0						
		95% C.I.							46.4						
		N							5						
	FEMALES	x							562.5						
		95% C.I.							73.6						
		N							4						
Falls	MALES	x			570.0	511.8			573.7	516.1		572.2		620.0	
		95% C.I.				4.6			3.5	4.9		4.2			
		N			1	87			83	64		64		1	
	FEMALES	x	510.0			512.4			566.8	506.0		569.6		585.0	585.0
		95% C.I.				4.5			7.9	4.5		7.8			
		N	1			88			22	94		25		1	1
Kutlaku	MALES	x		298.5		463.9	318.0		545.6	486.5		520.3			
		95% C.I.		17.8		6.9			7.2	31.8		42.4			
		N		36		50	1		67	2		3			
	FEMALES	x				451.1			511.0	445.0		531.0			
		95% C.I.				6.1			4.2	101.7					
		N				73			110	2		1			
Alecks	MALES	x		335.5		461.3	367.5		545.3	450.5		536.7			
		95% C.I.		10.3		14.9	55.2		13.4	11.8		22.6			
		N		72		41	10		36	41		11			
	FEMALES	x		342.5		462.3	311.0		533.5	465.9		507.5			
		95% C.I.		43.6		7.0			5.6	6.1		82.6			
		N		10		35	1		86	51		2			

-Continued-

Table 16. Mean length (± 95% C.I.) by sex and age class of sockeye salmon from escapements in Southeastern Alaska and Canada by system, 1982 (continued).

			BROOD YEAR AND AGE CLASS												
			1979		1978			1977			1976			1975	
System	Sex		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3
Kuthai	MALES	x				482.6			587.2			580.0			
		95% C.I.				6.0			4.0			18.5			
		N				32			94			9			
	FEMALES	x				479.8			563.3			559.0			
		95% C.I.				9.9			4.7			69.2			
		N				15			66			3			
Trapper	MALES	x		304.0		432.8			589.5	457.6		591.4			
		95% C.I.		0.0		8.1			7.0	121.3		8.8			
		N		2		38			258	5		35			
	FEMALES	x			575.0	473.0			569.1	490.8		571.2			
		95% C.I.				10.8			3.2	23.3		7.7			
		N			1	4			203	5		52			
Speel	MALES	x		299.1		436.8			575.4		600.0	540.0			
		95% C.I.		7.6		4.0			10.5			127.1			
		N		11		150			48		1	2			
	FEMALES	x				486.1			543.0			520.0			
		95% C.I.				8.4			5.2						
		N				23			76			1			
Crescent	MALES	x		306.9		420.2	303.3		572.2	401.7		570.0			
		95% C.I.		7.7		4.9	43.6		7.3	22.1					
		N		8		116	3		46	9		1			
	FEMALES	x				486.1			524.7			550.0			
		95% C.I.				10.8			9.0			381.3			
		N				14			124			2			
Auke	MALES	x				407.5	346.0		552.3	466.0		550.2	485.0		551.0
		95% C.I.				413.1	102.1		6.9	10.4		5.3	18.1		25.4
		N				2	4		19	33		64	5		2
	FEMALES	x				480.5			533.8	476.0		536.7	490.0	554.0	526.3
		95% C.I.				113.5			9.7	21.5		5.5	30.1		52.1
		N				2			17	9		50	3	1	3
Steep	MALES	x		287.5	601.6	446.9			588.0		675.0	581.4			
		95% C.I.		222.4	34.3	12.3			5.2		190.6	18.6			
		N		2	5	35			113		2	7			
	FEMALES	x			561.7	470.0			555.7	497.5	575.0	535.8			
		95% C.I.			25.9	23.7			4.0	413.1		19.0			
		N			3	11			143	2	1	10			

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Table 16. Mean length (± 95% C.I.) by sex and age class of sockeye salmon from escapements in Southeastern Alaska and Canada by system, 1982 (continued).

			BROOD YEAR AND AGE CLASS												
			1979		1978			1977			1976			1975	
System	Sex		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3
Politofski	MALES	x		343.4	595.0	492.9	354.1		569.5	498.3		568.6			
		95% C.I.		9.6		8.4	6.9		7.3	17.1		15.2			
		N		22	1	17	37		42	6		14			
	FEMALES	x				477.1	390.0		551.3	465.0		536.4	495.0		
		95% C.I.				11.9			10.1	69.1		10.0			
		N				14	1		30	3		11	1		
Redoubt	MALES	x	500.0		590.0	525.9	405.0		576.2	529.9	592.0	571.3	519.0	596.4	542.5
		95% C.I.				8.2			6.1	9.5	19.0	12.7	26.2	23.4	95.3
		N	1		1	40	1		78	27	5	12	5	7	2
	FEMALES	x			600.0	513.3			553.0	506.8	595.0	560.0	506.7	557.5	545.0
		95% C.I.				9.8			5.3	9.0		12.3	31.3	22.9	
		N			1	15			61	20	1	12	3	4	1
Sitkoh	MALES	x				504.6			565.1		600.0	562.9			
		95% C.I.				6.3			2.4			10.3			
		N				69			291		1	14			
	FEMALES	x				491.0			546.0	501.5		547.0			
		95% C.I.				3.7			2.3	15.4		24.7			
		N				117			257	10		5			
Ford Arm	MALES	x		343.8	520.0	489.5	352.5		572.5	486.4		563.9	535.0		
		95% C.I.		5.7		26.5	31.8		7.9	17.9		11.6			
		N		52	1	10	2		41	11		18	1		
	FEMALES	x				492.6			550.6	487.3		548.9	476.7		
		95% C.I.				12.5			4.5	13.8		6.5	89.8		
		N				21			65	15		23	3		
Chilkoot	MALES	x			589.3	468.8			591.1	537.5	625.7	594.1			
		95% C.I.			24.3	7.7			2.1	222.4	18.6	6.5			
		N			4	143			676	2	14	11			
	FEMALES	x				465.0			563.3	475.7	595.0	563.3			
		95% C.I.				5.4			2.1	30.7	63.5	14.7			
		N				178			649	7	2	5			
Chilkat	MALES	x		356.7		528.3	365.2		618.5	543.8		627.3	577.1		637.5
		95% C.I.		37.5		21.2	5.8		4.8	6.8		2.6	19.0		95.3
		N		6		18	43		120	295		335	12		2
	FEMALES	x			550.0	508.9			593.7	536.5		600.4	550.6		
		95% C.I.				12.0			5.5	2.7		3.4	13.7		
		N			1	20			90	447		234	9		

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LITERATURE CITED

Alaska Department of Fish and Game and the National Marine Fisheries Service. November 20, 1982. Progress report on 1982 salmon research conducted in Southeast Alaska in conjunction with joint U.S.-Canada salmon interception investigations. Unpublished progress report.

Clutter, R. and L. Whitesel. 1956. Collection and interpretation of sockeye salmon scales. Bull. Int. Pac. Salmon Fish. Comm., No. 9, 15 pp.

Cochran, W.G. 1977. Sampling Techniques. 3rd ed. John Wiley and Sons, Inc. New York. 428 pp.

International North Pacific Fisheries Commission. 1963. Annual Report - 1961. 167 pp.

McGregor, A., S. McPherson, and S. Marshall. 1983. Feasibility of determining the origin of sockeye salmon *(Oncorhynchus nerka)* in the Taku-Snettisham gillnet fishery using scale pattern analysis, 1981-1982. Alaska Department of Fish and Game. Informational Leaflet No. 219. 23 pp.

McPherson, S., A. McGregor, and S. Marshall. 1982. Origins of sockeye salmon *(Oncorhynchus nerka)* in the Lynn Canal drift gillnet fishery of 1982 based on scale pattern analysis. Alaska Department of Fish and Game, Technical Data Report No. 87. 31 pp.

Mills, M.J. 1983. Alaska statewide sport fish harvest studies. Alaska Department of Fish and Game, Federal Aid and Fish Restoration. Annual Report of Progress, 1982-1983. Project F-915, Vol. 22 (SW-I-A).

Mundy, P.R. 1979. A quantitative measure of migratory timing illustrated by application to the management of commercial salmon fisheries. Ph.D. dissertation. University of Washington. Seattle, WA.

Personal Communications

Bergmann, W. 1983. Alaska Department of Fish and Game. Petersburg, Alaska.

DeJong, B. 1983. Alaska Department of Fish and Game. Sitka, Alaska.

Imamura, K. 1983. Alaska Department of Fish and Game. Juneau, Alaska.

Johnson, S. 1983. Canadian Department of Fisheries and Oceans. Whitehorse, Yukon Territory.

McPherson, S. 1983. Alaska Department of Fish and Game. Juneau, Alaska.

Valentine, J. 1983. Alaska Department of Fish and Game. Juneau, Alaska.

Van Alen, B. 1983. Alaska Department of Fish and Game. Juneau, Alaska.

APPENDICES

Appendix Table 1. District 101 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS								
			1979	1978		1977		1976		1975	
PERIOD	SEX		0.2	1.2	2.1	1.3	2.2	2.3	3.2	2.4	TOTAL
JUNE 13-JULY 3	SEXES COMBINED	COUNT	106	2,822	0	39,731	18,560	1,084	0	0	62,303
(N=574)		PERCENT	0.17	4.53	0.0	63.77	29.79	1.74	0.0	0.0	100.00
JULY 4-JULY 17	MALES	COUNT	0	2,584	0	33,131	4,863	1,824	0	0	42,402
(N=614)		PERCENT	0.00	2.77	0.0	35.50	5.21	1.95	0.0	0.0	45.44
	FEMALES	COUNT	0	3,799	0	38,907	6,383	1,824	0	0	50,913
		PERCENT	0.00	4.07	0.0	41.70	6.84	1.95	0.0	0.0	54.56
	SEXES COMBINED	COUNT	0	6,383	0	72,038	11,246	3,648	0	0	93,315
		PERCENT	0.00	6.84	0.0	77.20	12.05	3.91	0.0	0.0	100.00
JULY 18-JULY 31	MALES	COUNT	0	1,264	0	12,707	4,790	2,262	0	67	21,090
(N=713)		PERCENT	0.00	2.66	0.0	26.79	10.10	4.77	0.00	0.14	44.96
	FEMALES	COUNT	0	1,264	0	16,099	6,653	2,329	0	0	26,345
		PERCENT	0.00	2.66	0.0	33.94	14.03	4.91	0.00	0.00	55.54
	SEXES COMBINED	COUNT	0	2,528	0	28,806	11,443	4,591	0	67	47,435
		PERCENT	0.00	5.33	0.00	60.73	24.12	9.68	0.00	0.14	100.00
AUG 1- AUG 14	MALES	COUNT	0	747	0	4,248	1,652	1,023	0	0	7,670
(N=576)		PERCENT	0.00	3.29	0.00	18.72	7.28	4.51	0.00	0.00	33.79
	FEMALES	COUNT	0	1,337	0	9,795	3,029	865	0	0	15,026
		PERCENT	0.00	5.89	0.00	43.16	13.35	3.81	0.00	0.00	66.21
	SEXES COMBINED	COUNT	0	2,084	0	14,043	4,681	1,888	0	0	22,696
		PERCENT	0.00	9.18	0.00	61.87	20.62	8.32	0.00	0.00	100.00
AUG 15-SEPT 18	MALES	COUNT	13	513	0	1,657	447	1,117	13	0	3,760
(N=605)		PERCENT	0.16	6.45	0.00	20.83	5.62	14.05	0.16	0.00	47.28
	FEMALES	COUNT	0	486	13	2,182	526	986	0	0	4,193
		PERCENT	0.00	6.11	0.16	27.44	6.61	12.40	0.00	0.00	52.72
	SEXES COMBINED	COUNT	13	999	13	3,839	973	2,103	13	0	7,953
		PERCENT	0.16	12.56	0.16	48.27	12.23	26.44	0.16	0.00	100.00
TOTAL	SEXES COMBINED	COUNT	119	14,816	13	158,457	46,903	13,314	13	67	233,702
(N=3,082)		PERCENT	0.05	6.34	0.01	67.79	20.07	5.70	0.01	0.03	100.00

Appendix Table 2. District 106 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS								
			1978			1977		1976		1975	
PERIOD	SEX		0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.3	TOTAL
JUNE 14-JULY 1	MALE	COUNT	166	1077	0	37514	1739	0	1656	0	42152
(N=1,078)		PERCENT	.19	1.21	0.00	42.02	1.95	0.00	1.85	0.00	47.22
	FEMALE	COUNT	0	1905	0	40164	1408	0	3644	0	47121
		PERCENT	0.00	2.13	0.00	44.99	1.58	0.00	4.08	0.00	52.78
	SEXES COMBINED	COUNT	166	2982	0	77678	3147	0	5300	0	89273
		PERCENT	.19	3.34	0.00	87.01	3.53	0.00	5.94	0.00	100.00
JULY 2-JULY 14	MALE	COUNT	0	547	0	18595	1016	0	2110	0	22268
(N=708)		PERCENT	0.00	.99	0.00	33.61	1.84	0.00	3.81	0.00	40.25
	FEMALE	COUNT	0	703	0	29301	703	78	2266	0	33051
		PERCENT	0.00	1.27	0.00	52.97	1.27	.14	4.10	0.00	59.75
	SEXES COMBINED	COUNT	0	1250	0	47896	1719	78	4376	0	55319
		PERCENT	0.00	2.26	0.00	86.58	3.11	.14	7.91	0.00	100.00
JULY 15-SEPT 11	MALE	COUNT	138	827	0	13929	1241	0	3448	69	19652
(N=711)		PERCENT	.28	1.69	0.00	28.41	2.53	0.00	7.03	.14	40.08
	FEMALE	COUNT	69	896	69	22824	1448	69	3999	0	29374
		PERCENT	.14	1.83	.14	46.55	2.95	.14	8.16	0.00	59.92
	SEXES COMBINED	COUNT	207	1723	69	36753	2689	69	7447	69	49026
		PERCENT	.42	3.51	.14	74.97	5.48	.14	15.19	.14	100.00
TOTAL	MALE	COUNT	304	2451	0	70038	3996	0	7214	69	84072
(N=2,497)		PERCENT	.16	1.27	0.00	36.17	2.06	0.00	3.73	.04	43.42
	FEMALE	COUNT	69	3504	69	92289	3559	147	9909	0	109546
		PERCENT	.04	1.81	.04	47.67	1.84	.08	5.12	0.00	56.58
	SEXES COMBINED	COUNT	373	5955	69	162327	7555	147	17123	69	193618
		PERCENT	.19	3.08	.04	83.84	3.90	.08	8.84	.04	100.00

Appendix Table 3. District 108 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1982[1].

			BROOD YEAR AND AGE CLASS						
			1978		1977			1976	
PERIOD	SEX		0.3	1.2	0.4	1.3	2.2	2.3	TOTAL
JUNE 13-SEPT.18 (N=792)	SEXES COMBINED	COUNT	17	191	8	5,329	140	868	6,553
		PERCENT	.26	2.91	.12	81.33	2.14	13.25	100.00

[1] Sex determination was not made for many samples. No breakdown by sex.

Appendix Table 4. District 111 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS										
			1979	1978		1977			1976			1975	
PERIOD	SEX		0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	3.3	TOTAL
JUNE 6 -JUNE 26 (N=501)	MALES	COUNT	0	68	342	0	3521	0	0	17	0	0	3948
		PERCENT	0.00	.79	3.99	0.00	41.12	0.00	0.00	.20	0.00	0.00	46.11
	FEMALES	COUNT	0	85	325	0	4119	17	0	68	0	0	4614
		PERCENT	0.00	.99	3.80	0.00	48.11	.20	0.00	.79	0.00	0.00	53.89
	SEXES COMBINED	COUNT	0	153	667	0	7640	17	0	85	0	0	8562
		PERCENT	0.00	1.79	7.79	0.00	89.23	.20	0.00	.99	0.00	0.00	100.00
JUNE 27-JULY 10 (N=651)	MALES	COUNT	49	99	1534	0	12722	49	99	49	0	0	14601
		PERCENT	.15	.31	4.76	0.00	39.48	.15	.31	.15	0.00	0.00	45.32
	FEMALES	COUNT	0	346	1881	0	15195	0	0	198	0	0	17620
		PERCENT	0.00	1.07	5.84	0.00	47.16	0.00	0.00	.61	0.00	0.00	54.68
	SEXES COMBINED	COUNT	49	445	3415	0	27917	49	99	247	0	0	32221
		PERCENT	.15	1.38	10.60	0.00	86.64	.15	.31	.77	0.00	0.00	100.00
JULY 11-JULY 24 (N=719)	MALES	COUNT	0	412	1270	0	7554	103	0	584	0	0	9923
		PERCENT	0.00	1.67	5.14	0.00	30.60	.42	0.00	2.37	0.00	0.00	40.20
	FEMALES	COUNT	0	584	790	34	11914	275	0	1167	0	0	14764
		PERCENT	0.00	2.37	3.20	.14	48.26	1.11	0.00	4.73	0.00	0.00	59.80
	SEXES COMBINED	COUNT	0	996	2060	34	19468	378	0	1751	0	0	24687
		PERCENT	0.00	4.03	8.34	.14	78.86	1.53	0.00	7.09	0.00	0.00	100.00
JULY 25-AUG 7 (N=484)	MALES	COUNT	0	201	1761	0	2289	604	25	654	0	25	5559
		PERCENT	0.00	1.65	14.47	0.00	18.80	4.96	.21	5.37	0.00	.21	45.66
	FEMALES	COUNT	0	226	981	0	3798	579	25	981	25	0	6615
		PERCENT	0.00	1.86	8.06	0.00	31.20	4.76	.21	8.06	.21	0.00	54.34
	SEXES COMBINED	COUNT	0	427	2742	0	6087	1183	50	1635	25	25	12174
		PERCENT	0.00	3.51	22.52	0.00	50.00	9.72	.41	13.43	.21	.21	100.00
AUG 8-SEPT 18 (N=544)	MALES	COUNT	11	97	461	0	901	386	11	964	0	11	2842
		PERCENT	.19	1.66	7.90	0.00	15.44	6.62	.19	16.52	0.00	.19	48.71
	FEMALES	COUNT	0	64	547	0	944	429	0	998	11	0	2993
		PERCENT	0.00	1.10	9.37	0.00	16.18	7.35	0.00	17.10	.19	0.00	51.29
	SEXES COMBINED	COUNT	11	161	1008	0	1845	815	11	1962	11	11	5835
		PERCENT	.19	2.76	17.28	0.00	31.62	13.97	.19	33.62	.19	.19	100.00
TOTAL (N=2,899)	MALES	COUNT	60	877	5368	0	26987	1142	135	2268	0	36	36873
		PERCENT	.07	1.05	6.43	0.00	32.33	1.37	.16	2.72	0.00	.04	44.17
	FEMALES	COUNT	0	1305	4524	34	35970	1300	25	3412	36	0	46606
		PERCENT	0.00	1.56	5.42	.04	43.09	1.56	.03	4.09	.04	0.00	55.83
	SEXES COMBINED	COUNT	60	2182	9892	34	62957	2442	160	5680	36	36	83479
		PERCENT	.07	2.61	11.85	.04	75.42	2.93	.19	6.80	.04	.04	100.00

Appendix Table 5. District 115 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS									
			1978		1977			1976			1975	
PERIOD	SEX		0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	3.3	TOTAL
JUNE 13-JUNE 26 (N=643)	MALE	COUNT	55	83	14	3673	69	14	194	0	0	4102
		PERCENT	.62	.93	.16	41.22	.77	.16	2.18	0.00	0.00	46.03
	FEMALE	COUNT	83	28	0	4352	55	14	277	0	0	4809
		PERCENT	.93	.31	0.00	48.84	.62	.16	3.11	0.00	0.00	53.97
	SEXES COMBINED	COUNT	138	111	14	8025	124	28	471	0	0	8911
		PERCENT	1.55	1.25	.16	90.06	1.39	.31	5.29	0.00	0.00	100.00
JUNE 27-JULY 10 (N=662)	MALE	COUNT	74	744	0	6251	174	0	422	0	0	7665
		PERCENT	.45	4.53	0.00	38.06	1.06	0.00	2.57	0.00	0.00	46.68
	FEMALE	COUNT	74	124	25	7765	273	0	496	0	0	8757
		PERCENT	.45	.76	.15	47.28	1.66	0.00	3.02	0.00	0.00	53.32
	SEXES COMBINED	COUNT	148	868	25	14016	447	0	918	0	0	16422
		PERCENT	.90	5.29	.15	85.35	2.72	0.00	5.59	0.00	0.00	100.00
JULY 11-JULY 24 (N=704)	MALES	COUNT	90	1104	0	8474	269	0	358	30	0	10325
		PERCENT	.43	5.26	0.00	40.34	1.28	0.00	1.70	.14	0.00	49.15
	FEMALES	COUNT	239	149	0	9638	60	0	597	0	0	10683
		PERCENT	1.14	.71	0.00	45.88	.29	0.00	2.84	0.00	0.00	50.85
	SEXES COMBINED	COUNT	329	1253	0	18112	329	0	955	30	0	21008
		PERCENT	1.57	5.96	0.00	86.21	1.57	0.00	4.55	.14	0.00	100.00
JULY 25-AUG.7 (N=785)	MALES	COUNT	0	4623	0	27475	3963	528	11095	0	396	48080
		PERCENT	0.00	4.46	0.00	26.50	3.82	.51	10.70	0.00	.38	46.37
	FEMALES	COUNT	264	1981	0	39628	3302	264	9643	132	396	55610
		PERCENT	.25	1.91	0.00	38.22	3.18	.25	9.30	.13	.38	53.63
	SEXES COMBINED	COUNT	264	6604	0	67103	7265	792	20738	132	792	103690
		PERCENT	.25	6.37	0.00	64.72	7.01	.76	20.00	.13	.76	100.00
AUG.8-AUG.14 (N=473)	MALES	COUNT	0	1655	0	11032	2979	0	7392	110	0	23168
		PERCENT	0.00	3.17	0.00	21.14	5.71	0.00	14.17	.21	0.00	44.40
	FEMALES	COUNT	0	772	0	11806	5516	0	10922	0	0	29016
		PERCENT	0.00	1.48	0.00	22.62	10.57	0.00	20.93	0.00	0.00	55.60
	SEXES COMBINED	COUNT	0	2427	0	22838	8495	0	18314	110	0	52184
		PERCENT	0.00	4.65	0.00	43.76	16.28	0.00	35.10	.21	0.00	100.00

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Appendix Table 5. District 115 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1982 (continued).

			BROOD YEAR AND AGE CLASS									
			1978		1977			1976			1975	
PERIOD	SEX		0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	3.3	TOTAL
AUG.15-AUG.21 (N=440)	MALES	COUNT	0	1045	0	6761	2230	0	4321	0	70	14427
		PERCENT	0.00	3.41	0.00	22.05	7.27	0.00	14.09	0.00	.23	47.04
	FEMALES	COUNT	0	418	0	8365	2718	0	4739	0	0	16240
		PERCENT	0.00	1.36	0.00	27.28	8.86	0.00	15.45	0.00	0.00	52.96
	SEXES COMBINED	COUNT	0	1463	0	15126	4948	0	9060	0	70	30667
		PERCENT	0.00	4.77	0.00	49.32	16.13	0.00	29.54	0.00	.23	100.00
AUG.22-AUG.28 (N=523)	MALES	COUNT	0	469	0	4171	2203	0	5295	141	94	12373
		PERCENT	0.00	1.91	0.00	17.02	8.99	0.00	21.60	.58	.38	50.48
	FEMALES	COUNT	0	141	0	3609	2812	0	5530	47	0	12139
		PERCENT	0.00	.58	0.00	14.72	11.47	0.00	22.56	.19	0.00	49.52
	SEXES COMBINED	COUNT	0	610	0	7780	5015	0	10825	188	94	24512
		PERCENT	0.00	2.49	0.00	31.74	20.46	0.00	44.16	.77	.38	100.00
AUG.29-SEPT.11 (N=644)	MALES	COUNT	0	150	0	514	2186	0	4417	21	21	7309
		PERCENT	0.00	1.09	0.00	3.72	15.84	0.00	32.00	.15	.15	52.95
	FEMALES	COUNT	0	171	0	1350	1886	0	3001	86	0	6494
		PERCENT	0.00	1.24	0.00	9.78	13.66	0.00	21.74	.62	0.00	47.05
	SEXES COMBINED	COUNT	0	321	0	1864	4072	0	7418	107	21	13803
		PERCENT	0.00	2.33	0.00	13.50	29.50	0.00	53.74	.78	.15	100.00
SEPT.12-OCT 23 (N=472)	MALES	COUNT	0	15	0	59	446	0	1021	15	10	1566
		PERCENT	0.00	.64	0.00	2.52	19.07	0.00	43.65	.64	.43	66.95
	FEMALES	COUNT	0	0	0	55	178	0	540	0	0	773
		PERCENT	0.00	0.00	0.00	2.35	7.61	0.00	23.09	0.00	0.00	33.05
	SEXES COMBINED	COUNT	0	15	0	114	624	0	1561	15	10	2339
		PERCENT	0.00	.64	0.00	4.87	26.68	0.00	66.74	.64	.43	100.00
TOTAL (N=5,346)	MALES	COUNT	219	9888	14	68410	14519	542	34515	317	591	129015
		PERCENT	.08	3.61	.01	25.01	5.31	.20	12.62	.12	.22	47.17
	FEMALES	COUNT	660	3784	25	86568	16800	278	35745	265	396	144521
		PERCENT	.24	1.38	.01	31.65	6.14	.10	13.07	.10	.14	52.83
	SEXES COMBINED	COUNT	879	13672	39	154978	31319	820	70260	582	987	273536
		PERCENT	.32	5.00	.01	56.66	11.45	.30	25.69	.21	.36	100.00

Appendix Table 6. Canadian commercial gillnet catch of sockeye salmon on the Stikine River, sex and age by sample period, 1982.

			BROOD YEAR AND AGE CLASS						
			1979	1978		1977		1976	
PERIOD	SEX		1.1	0.3	1.2	1.3	2.2	2.3	TOTAL
JUNE 13-SEPT 11	SEXES COMBINED	COUNT	15	353	2,351	10,694	261	1,690	15.364
(N=964)		PERCENT	0.1	2.3	15.3	69.6	1.7	11.0	100.00

Appendix Table 7. District 101 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS					
			1979	1978	1977		1976	
PERIOD	SEX		1.1	1.2	1.3	2.2	2.3	TOTAL
JULY 4 -JULY 17	MALES	COUNT	0	1054	12024	719	287	14084
(N=566)		PERCENT	0.00	3.89	44.34	2.65	1.06	51.94
	FEMALES	COUNT	0	1198	11018	623	192	13031
		PERCENT	0.00	4.42	40.63	2.30	.71	48.06
	SEXES COMBINED	COUNT	0	2252	23042	1342	479	27115
		PERCENT	0.00	8.31	84.98	4.95	1.77	100.00
JULY 18-SEPT 11	MALES	COUNT	51	3350	14417	1878	812	20508
(N=920)		PERCENT	.11	7.17	30.87	4.02	1.74	43.91
	FEMALES	COUNT	0	4366	18629	2031	1168	26194
		PERCENT	0.00	9.35	39.89	4.35	2.50	56.09
	SEXES COMBINED	COUNT	51	7716	33046	3909	1980	46702
		PERCENT	.11	16.52	70.76	8.37	4.24	100.00
TOTAL	MALES	COUNT	51	4404	26441	2597	1099	34592
(N=1,486)		PERCENT	.07	5.97	35.82	3.52	1.49	46.86
	FEMALES	COUNT	0	5564	29647	2654	1360	39225
		PERCENT	0.00	7.54	40.16	3.60	1.84	53.14
	SEXES COMBINED	COUNT	51	9968	56088	5251	2459	73817
		PERCENT	.07	13.50	75.98	7.11	3.33	100.00

Appendix Table 8. District 102 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS								
			1979	1978		1977		1976		1975	
PERIOD	SEX		1.1	1.2	2.1	1.3	2.2	2.3	3.2	3.3	TOTAL
JULY 11-OCT 9 (N=772)	MALE	COUNT	0	2,004	88	4,656	1,738	825	59	0	9,370
		PERCENT	0.00	8.81	.39	20.47	7.64	3.63	.26	0.00	41.19
	FEMALE	COUNT	29	2,593	0	7,013	2,092	1,503	118	29	13,377
		PERCENT	.13	11.40	0.00	30.83	9.20	6.61	.52	.13	58.81
	SEXES COMBINED	COUNT	29	4,597	88	11,669	3,830	2,328	177	29	22,747
		PERCENT	.13	20.21	.39	51.30	16.84	10.23	.78	.13	100.00

Appendix Table 9. District 104 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1982[1].

			BROOD YEAR AND AGE CLASS											
			1979	1978		1977			1976			1975		
PERIOD	SEX		0.2	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	TOTAL
JUNE 6-JULY 17	SEXES COMBINED	COUNT	0	10203	193	193	134947	9818	0	5583	0	0	0	160937
(N=836)		PERCENT	0.00	6.34	.12	.12	83.85	6.10	0.00	3.47	0.00	0.00	0.00	100.00
JULY 18-JULY 31	SEXES COMBINED	COUNT	0	7153	0	0	45939	3815	0	1351	79	0	0	58337
(N=734)		PERCENT	0.00	12.26	0.00	0.00	78.75	6.54	0.00	2.32	.14	0.00	0.00	100.00
AUG 1-SEPT 11	SEXES COMBINED	COUNT	83	26715	83	0	28207	7301	83	3319	0	83	83	65957
(N=795)		PERCENT	.13	40.50	.13	0.00	42.77	11.07	.13	5.03	0.00	.13	.13	100.00
TOTAL	SEXES COMBINED	COUNT	83	44071	276	193	209093	20934	83	10253	79	83	83	285231
(N=2,365)		PERCENT	.03	15.45	.10	.07	73.31	7.34	.03	3.59	.03	.03	.03	100.00

[1] Sex determination was not made for many samples. No breakdown by sex.

Appendix Table 10. District 107 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS							
			1979	1978		1977		1976		
PERIOD	SEX		1.1	1.2	2.1	1.3	2.2	2.3	3.2	TOTAL
AUG.15-AUG.21 (N=113)	MALES	COUNT	3	38	3	62	35	13	3	157
		PERCENT	.98	12.46	.98	20.33	11.48	4.26	.98	51.48
	FEMALES	COUNT	19	22	0	59	24	24	0	148
		PERCENT	6.23	7.21	0.00	19.34	7.87	7.87	0.00	48.52
	SEXES COMBINED	COUNT	22	60	3	121	59	37	3	305
		PERCENT	7.21	19.67	.98	39.67	19.34	12.13	.98	100.00

Appendix Table 11. District 109 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS										
			1979		1978			1977		1976		1975	
PERIOD	SEX		0.2	1.1	0.3	1.2	2.1	1.3	2.2	2.3	3.2	3.3	TOTAL
AUG 1- SEPT 11 (N=529)	MALES	COUNT	13	27	13	1064	13	672	350	363	54	13	2582
		PERCENT	.18	.38	.18	14.96	.18	9.45	4.92	5.10	.76	.18	36.30
	FEMALES	COUNT	13	40	54	1668	13	1143	686	901	13	0	4531
		PERCENT	.18	.56	.76	23.45	.18	16.07	9.64	12.67	.18	0.00	63.70
	SEXES COMBINED	COUNT	26	67	67	2732	26	1815	1036	1264	67	13	7113
		PERCENT	.37	.94	.94	38.41	.37	25.52	14.56	17.77	.94	.18	100.00

Appendix Table 12. Districts 110 and 111 (combined) commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS												
			1979		1978			1977			1976		1975		
PERIOD	SEX		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	3.3	TOTAL
AUG.1-AUG.14 (N=540)	MALES	COUNT	11	0	23	604	0	0	593	217	11	731	0	11	2201
		PERCENT	.18	0.00	.37	9.81	0.00	0.00	9.63	3.52	.18	11.87	0.00	.18	35.75
	FEMALES	COUNT	0	34	23	764	46	0	924	422	11	1709	23	0	3956
		PERCENT	0.00	.55	.37	12.41	.75	0.00	15.01	6.85	.18	27.76	.37	0.00	64.25
	SEXES COMBINED	COUNT	11	34	46	1368	46	0	1517	639	22	2440	23	11	6157
		PERCENT	.18	.55	.75	22.22	.75	0.00	24.64	10.38	.36	39.63	.37	.18	100.00
AUG.15-AUG.28 (N=360)	MALES	COUNT	0	6	0	76	0	3	44	60	0	296	0	3	488
		PERCENT	0.00	.53	0.00	6.66	0.00	.26	3.86	5.26	0.00	25.94	0.00	.26	42.77
	FEMALES	COUNT	3	3	6	25	10	0	57	171	0	378	0	0	653
		PERCENT	.26	.26	.53	2.19	.88	0.00	5.00	14.99	0.00	33.13	0.00	0.00	57.23
	SEXES COMBINED	COUNT	3	9	6	101	10	3	101	231	0	674	0	3	1141
		PERCENT	.26	.79	.53	8.85	.88	.26	8.85	20.25	0.00	59.07	0.00	.26	100.00
TOTAL (N=900)	MALES	COUNT	11	6	23	680	0	3	637	277	11	1027	0	14	2689
		PERCENT	.15	.08	.32	9.32	0.00	.04	8.73	3.80	.15	14.07	0.00	.19	36.85
	FEMALES	COUNT	3	37	29	789	56	0	981	593	11	2087	23	0	4609
		PERCENT	.04	.51	.40	10.81	.77	0.00	13.44	8.13	.15	28.60	.32	0.00	63.15
	SEXES COMBINED	COUNT	14	43	52	1469	56	3	1618	870	22	3114	23	14	7298
		PERCENT	.19	.59	.71	20.13	.77	.04	22.17	11.92	.30	42.67	.32	.19	100.00

Appendix Table 13. District 112 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS									
			1979		1978			1977		1976		
PERIOD	SEX		0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	TOTAL
JULY 11-JULY 31 (N=656)	MALES	COUNT	12	0	59	2768	0	816	142	0	118	3915
		PERCENT	.15	0.00	.76	35.67	0.00	10.52	1.83	0.00	1.52	50.45
	FEMALES	COUNT	24	12	83	2483	0	935	166	0	142	3845
		PERCENT	.31	.15	1.07	32.00	0.00	12.05	2.14	0.00	1.83	49.55
	SEXES COMBINED	COUNT	36	12	142	5251	0	1751	308	0	260	7760
		PERCENT	.46	.15	1.83	67.67	0.00	22.56	3.97	0.00	3.35	100.00
AUG.1-AUG.7 (N=458)	MALES	COUNT	20	0	0	755	0	1224	939	0	1429	4367
		PERCENT	.21	0.00	0.00	8.08	0.00	13.10	10.05	0.00	15.29	46.73
	FEMALES	COUNT	20	0	20	877	0	1347	1102	20	1593	4979
		PERCENT	.21	0.00	.21	9.38	0.00	14.41	11.79	.21	17.04	53.27
	SEXES COMBINED	COUNT	40	0	20	1632	0	2571	2041	20	3022	9346
		PERCENT	.43	0.00	.21	17.46	0.00	27.51	21.84	.21	32.33	100.00
AUG.8-SEPT.11 (N=415)	MALES	COUNT	0	201	0	805	45	559	850	22	1432	3914
		PERCENT	0.00	2.17	0.00	8.67	.48	6.02	9.16	.24	15.43	42.17
	FEMALES	COUNT	0	0	0	693	0	827	1610	22	2215	5367
		PERCENT	0.00	0.00	0.00	7.47	0.00	8.91	17.35	.24	23.87	57.83
	SEXES COMBINED	COUNT	0	201	0	1498	45	1386	2460	44	3647	9281
		PERCENT	0.00	2.17	0.00	16.14	.48	14.93	26.51	.47	39.30	100.00
TOTAL (N=1,529)	MALES	COUNT	32	201	59	4328	45	2599	1931	22	2979	12196
		PERCENT	.12	.76	.22	16.40	.17	9.85	7.32	.08	11.29	46.22
	FEMALES	COUNT	44	12	103	4053	0	3109	2878	42	3950	14191
		PERCENT	.17	.05	.39	15.36	0.00	11.78	10.91	.16	14.97	53.78
	SEXES COMBINED	COUNT	76	213	162	8381	45	5708	4809	64	6929	26387
		PERCENT	.29	.81	.61	31.76	.17	21.63	18.22	.24	26.26	100.00

Appendix Table 14. Redfish Bay (113-13) commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1982[1].

			BROOD YEAR AND AGE CLASS							
			1978		1977		1976		1975	
PERIOD	SEX		1.2	2.1	1.3	2.2	2.3	3.2	3.3	TOTAL
JULY 18-JULY 24 (N=359)	MALE	PERCENT	0.00	1.40	.30	9.50	23.40	15.00	1.10	50.70
	FEMALE	PERCENT	.30	0.00	.80	5.80	24.90	16.70	.80	49.30
	SEXES COMBINED	PERCENT	.30	1.40	1.10	15.30	48.30	31.70	1.90	100.00

[1] Inaccuracies in fish ticket summaries prevent data from being expanded to total catch for this subdistrict.

Appendix Table 15. Whale Bay (113-22) commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1982[1].

			BROOD YEAR AND AGE CLASS						
			1979	1978		1977		1976	
PERIOD	SEX		1.1	1.2	2.1	1.3	2.2	2.3	TOTAL
AUG.18-AUG.24 (N=198)	MALE	PERCENT	.50	16.20	1.50	20.70	3.00	11.10	53.00
	FEMALE	PERCENT	0.00	11.60	0.00	22.80	3.50	9.10	47.00
	SEXES COMBINED	PERCENT	.50	27.80	1.50	43.50	6.50	20.20	100.00

[1] Inaccuracies in fish ticket summaries prevent data from being expanded to total catch for this subdistrict.

Appendix Table 16. Necker Bay (113-34) commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1982[1] [2].

		BROOD YEAR AND AGE CLASS						
		1978		1977	1976			
PERIOD	SEX	1.2	2.1	2.2	1.4	2.3	3.2	TOTAL
AUG.15-AUG.21 (N=764)	SEXES COMBINED PERCENT	1.40	.10	76.20	.10	.90	21.30	100.00

[1] Inaccuracies in fish ticket summaries prevent data from being expanded to total catch for this subdistrict.

[2] Sex determination was not made for many samples. No breakdown by sex.

Appendix Table 17. Age composition of the Fillmore Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS					
			1979	1978		1977	1976	
PERIOD	SEX		1.1	1.2	2.1	1.3	1.4	TOTAL
SEPT.1-2 (N=143)	MALE	PERCENT	22.40	7.70	.70	33.50	.70	65.00
	FEMALE	PERCENT	1.40	1.40	0.00	32.20	0.00	35.00
	SEXES COMBINED	PERCENT	23.80	9.10	.70	65.70	.70	100.00

Appendix Table 18. Hugh Smith Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982.

DATE	DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE 6	0	0	0.00	0.00
7	2	2	.00	.00
8	1	3	.00	.01
9	66	69	.12	.12
10	146	215	.26	.38
11	359	574	.63	1.00
12	414	988	.72	1.73
13	605	1,593	1.06	2.78
14	263	1,856	.46	3.24
15	221	2,077	.39	3.63
16	149	2,226	.26	3.89
17	546	2,772	.95	4.84
18	1,091	3,863	1.91	6.75
19	932	4,795	1.63	8.38
20	1,084	5,879	1.89	10.27
21	1,078	6,957	1.88	12.16
22	823	7,780	1.44	13.60
23	965	8,745	1.69	15.28
24	449	9,194	.78	16.07
25	511	9,705	.89	16.96
26	1,283	10,988	2.24	19.20
27	1,650	12,638	2.88	22.09
28	1,003	13,641	1.75	23.84
29	1,982	15,623	3.46	27.30
30	825	16,448	1.44	28.74
JULY 1	1,486	17,934	2.60	31.34
2	1,316	19,250	2.30	33.64
3	2,316	21,566	4.05	37.69
4	1,164	22,730	2.03	39.72
5	715	23,445	1.25	40.97
6	1,681	25,126	2.94	43.91
7	1,939	27,065	3.39	47.30
8	470	27,535	.82	48.12
9	1,234	28,769	2.16	50.28
10	2,796	31,565	4.89	55.16
11	2,463	34,028	4.30	59.47
12	1,061	35,089	1.85	61.32
13	4,107	39,196	7.18	68.50
14	655	39,851	1.14	69.64
15	1,074	40,925	1.88	71.52
16	333	41,258	.58	72.10
17	836	42,094	1.46	73.56
18	1,062	43,156	1.86	75.42
19	464	43,620	.81	76.23
20	903	44,523	1.58	77.81
21	530	45,053	.93	78.73
22	161	45,214	.28	79.01
23	440	45,654	.77	79.78
24	448	46,102	.78	80.57
25	5	46,107	.01	80.57
26	246	46,353	.43	81.00
27	40	46,393	.07	81.07
28	411	46,804	.72	81.79

-Continued-

Appendix Table 18. Hugh Smith Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982 (continued).

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
	29	692	47,496	1.21	83.00
	30	1,568	49,064	2.74	85.74
	31	890	49,954	1.56	87.30
AUG	1	475	50,429	.83	88.13
	2	352	50,781	.62	88.74
	3	167	50,948	.29	89.03
	4	125	51,073	.22	89.25
	5	111	51,184	.19	89.45
	6	193	51,377	.34	89.78
	7	477	51,854	.83	90.62
	8	96	51,950	.17	90.79
	9	258	52,208	.45	91.24
	10	325	52,533	.57	91.80
	11	181	52,714	.32	92.12
	12	308	53,022	.54	92.66
	13	443	53,465	.77	93.43
	14	312	53,777	.55	93.98
	15	370	54,147	.65	94.62
	16	220	54,367	.38	95.01
	17	130	54,497	.23	95.24
	18	211	54,708	.37	95.60
	19	88	54,796	.15	95.76
	20	33	54,829	.06	95.82
	21	0	54,829	0.00	95.82
	22	19	54,848	.03	95.85
	23	1	54,849	.00	95.85
	24	24	54,873	.04	95.89
	25	2	54,875	.00	95.90
	26	27	54,902	.05	95.94
	27	16	54,918	.03	95.97
	28	54	54,972	.09	96.07
	29	39	55,011	.07	96.13
	30	52	55,063	.09	96.23
	31	32	55,095	.06	96.28
SEPT	1	270	55,365	.47	96.75
	2	181	55,546	.32	97.07
	3	98	55,644	.17	97.24
	4	51	55,695	.09	97.33
	5	33	55,728	.06	97.39
	6	76	55,804	.13	97.52
	7	259	56,063	.45	97.97
	8	38	56,101	.07	98.04
	9	23	56,124	.04	98.08
	10	22	56,146	.04	98.12
	11	45	56,191	.08	98.20
	12	35	56,226	.06	98.26
	13	18	56,244	.03	98.29
	14	6	56,250	.01	98.30
	15	11	56,261	.02	98.32
	16	10	56,271	.02	98.34
	17	18	56,289	.03	98.37
	18	8	56,297	.01	98.38
	19	5	56,302	.01	98.39
	20	7	56,309	.01	98.40
	21	4	56,313	.01	98.41

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Appendix Table 18. Hugh Smith Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982 (continued).

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
	22	13	56,326	.02	98.43
	23	3	56,329	.01	98.44
	24	7	56,336	.01	98.45
	25	16	56,352	.03	98.48
	26	4	56,356	.01	98.48
	27	6	56,362	.01	98.50
	28	17	56,379	.03	98.53
	29	7	56,386	.01	98.54
	30	33	56,419	.06	98.59
OCT	1	71	56,490	.12	98.72
	2	48	56,538	.08	98.80
	3	11	56,549	.02	98.82
	4	326	56,875	.57	99.39
	5	71	56,946	.12	99.52
	6	42	56,988	.07	99.59
	7	12	57,000	.02	99.61
	8	4	57,004	.01	99.62
	9	6	57,010	.01	99.63
	10	0	57,010	0.00	99.63
	11	0	57,010	0.00	99.63
	12	200	57,210	.35	99.98
	13	0	57,210	0.00	99.98
	14	0	57,210	0.00	99.98
	15	7	57,217	.01	99.99
	16	3	57,220	.01	99.99
	17	0	57,220	0.00	99.99
	18	0	57,220	0.00	99.99
	19	0	57,220	0.00	99.99
	20	2	57,222	.00	100.00
	21	0	57,222	0.00	100.00
	22	0	57,222	0.00	100.00
	23	0	57,222	0.00	100.00
	24	0	57,222	0.00	100.00
	25	1	57,223	.00	100.00
	26	0	57,223	0.00	100.00
	27	0	57,223	0.00	100.00
	28	0	57,223	0.00	100.00
	29	0	57,223	0.00	100.00
	30	0	57,223	0.00	100.00
	31	0	57,223	0.00	100.00

Appendix Table 19. Age composition of Hugh Smith Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS					
			1978		1977		1976	
PERIOD	SEX		0.3	1.2	1.3	2.2	2.3	TOTAL
JUNE 7-20 (N=545)	MALE	COUNT	0	43	3,031	11	0	3,085
		PERCENT	0.00	.73	51.56	.19	0.00	52.47
	FEMALE	COUNT	0	22	2,740	32	0	2,794
		PERCENT	0.00	.37	46.61	.54	0.00	47.53
	SEXES COMBINED	COUNT	0	65	5,771	43	0	5,879
		PERCENT	0.00	1.11	98.16	.73	0.00	100.00
JUNE 21-JULY 16 (N=561)	MALE	COUNT	0	315	15,703	63	0	16,081
		PERCENT	0.00	.89	44.39	.18	0.00	45.45
	FEMALE	COUNT	0	63	19,172	0	63	19,298
		PERCENT	0.00	.18	54.19	0.00	.18	54.55
	SEXES COMBINED	COUNT	0	378	34,875	63	63	35,379
		PERCENT	0.00	1.07	98.58	.18	.18	100.00
JULY 17-24 (N=583)	MALE	COUNT	0	83	2,293	25	17	2,418
		PERCENT	0.00	1.71	47.34	.52	.35	49.92
	FEMALE	COUNT	0	8	2,360	33	25	2,426
		PERCENT	0.00	.17	48.72	.68	.52	50.08
	SEXES COMBINED	COUNT	0	91	4,653	58	42	4.844
		PERCENT	0.00	1.88	96.06	1.20	.87	100.00
JULY 25-AUG.10 (N=606)	MALE	COUNT	11	180	2,324	32	138	2,685
		PERCENT	.17	2.80	36.13	.50	2.15	41.74
	FEMALE	COUNT	0	223	3,301	32	191	3,747
		PERCENT	0.00	3.47	51.32	.50	2.97	58.26
	SEXES COMBINED	COUNT	11	403	5,625	64	329	6,432
		PERCENT	.17	6.27	87.45	1.00	5.12	100.00
AUG.11-OCT.25 (N=714)	MALE	COUNT	0	526	294	407	765	1,992
		PERCENT	0.00	11.76	6.57	9.10	17.11	44.54
	FEMALE	COUNT	0	182	501	244	1,553	2,480
		PERCENT	0.00	4.07	11.20	5.46	34.73	55.46
	SEXES COMBINED	COUNT	0	708	795	651	2,318	4,472
		PERCENT	0.00	15.83	17.78	14.56	51.83	100.00
TOTAL (N=3,009)	MALE	COUNT	11	1,147	23,645	538	920	26,261
		PERCENT	.02	2.01	41.48	.94	1.61	46.07
	FEMALE	COUNT	0	498	28,074	341	1,832	30,745
		PERCENT	0.00	.87	49.25	.60	3.21	53.93
	SEXES COMBINED	COUNT	11	1,645	51,719	879	2,752	57,006
		PERCENT	.02	2.89	90.73	1.54	4.83	100.00

Appendix Table 20. Age composition of the Leask Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS					
			1979	1978		1977		
PERIOD	SEX		1.1	1.2	2.1	1.3	2.2	TOTAL
SEPT.2-5 (N=257)	MALE	PERCENT	1.20	2.70	4.30	0.00	40.80	49.00
	FEMALE	PERCENT	0.00	1.20	.40	.40	49.00	51.00
	SEXES COMBINED	PERCENT	1.20	3.90	4.70	.40	89.80	100.00

Appendix Table 21. McDonald Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JULY	2	3	3	.02	.02
	3	3	6	.02	.04
	4	3	9	.02	.05
	5	4	13	.02	.08
	6	0	13	0.00	.08
	7	1	14	.01	.08
	8	1	15	.01	.09
	9	3	18	.02	.11
	10	4	22	.02	.13
	11	0	22	0.00	.13
	12	1	23	.01	.14
	13	0	23	0.00	.14
	14	1	24	.01	.14
	15	1	25	.01	.15
	16	1	26	.01	.16
	17	2	28	.01	.17
	18	2	30	.01	.18
	19	0	30	0.00	.18
	20	5	35	.03	.21
	21	50	85	.30	.51
	22	43	128	.26	.77
	23	1	129	.01	.78
	24	1	130	.01	.78
	25	45	175	.27	1.06
	26	60	235	.36	1.42
	27	313	548	1.89	3.30
	28	83	631	.50	3.80
	29	16	647	.10	3.90
	30	9	656	.05	3.95
	31	46	702	.28	4.23
AUG	1	1	703	.01	4.24
	2	5	708	.03	4.27
	3	10	718	.06	4.33
	4	6	724	.04	4.36
	5	2	726	.01	4.38
	6	3	729	.02	4.40
	7	64	793	.39	4.78
	8	13	806	.08	4.86
	9	19	825	.11	4.97
	10	20	845	.12	5.09
	11	169	1,014	1.02	6.11
	12	292	1,306	1.76	7.87
	13	125	1,431	.75	8.63
	14	31	1,462	.19	8.81
	15	2	1,464	.01	8.83
	16	12	1,476	.07	8.90
	17	133	1,609	.80	9.70
	18	44	1,653	.27	9.97
	19	71	1,724	.43	10.39
	20	43	1,767	.26	10.65
	21	2	1,769	.01	10.66
	22	31	1,800	.19	10.85
	23	21	1,821	.13	10.98
	24	22	1,843	.13	11.11

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Appendix Table 21. McDonald Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982 (continued).

DATE	DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
25	44	1,887	.27	11.38
26	133	2,020	.80	12.18
27	1,547	3,567	9.33	21.50
28	169	3,736	1.02	22.52
29	34	3,770	.20	22.73
30	11	3,781	.07	22.79
31	262	4,043	1.58	24.37
SEPT 1	4,261	8,304	25.69	50.06
2	525	8,829	3.17	53.23
3	117	8,946	.71	53.93
4	121	9,067	.73	54.66
5	51	9,118	.31	54.97
6	7,220	16,338	43.53	98.50
7	249	16,587	1.50	100.00
8	0	16,587	0.00	100.00
9	0	16,587	0.00	100.00
10	0	16,587	0.00	100.00
11	0	16,587	0.00	100.00
12	0	16,587	0.00	100.00

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Appendix Table 22. Age composition of the McDonald Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS							
			1979	1978		1977		1976		
PERIOD	SEX		1.1	1.2	2.1	1.3	2.2	1.4	2.3	TOTAL
JULY 2-SEPT.21 (N=629)	MALE	COUNT	26	501	53	6,039	1,239	0	976	8,834
		PERCENT	.16	3.02	.32	36.41	7.47	0.00	5.88	53.26
	FEMALE	COUNT	26	290	0	6,145	185	26	1,081	7,753
		PERCENT	.16	1.75	0.00	37.05	1.12	.16	6.52	46.74
	SEXES COMBINED	COUNT	52	791	53	12,184	1,424	26	2,057	16,587
		PERCENT	.31	4.77	.32	73.46	8.59	.16	12.40	100.00

Appendix Table 23. Age composition of the Naha Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS				
			1978	1977		1976	
PERIOD	SEX		1.2	1.3	2.2	2.3	TOTAL
SEPT.17 (N=184)	MALE	PERCENT	2.70	50.00	0.00	0.00	52.70
	FEMALE	PERCENT	5.40	39.80	.50	1.60	47.30
	SEXES COMBINED	PERCENT	8.10	89.80	.50	1.60	100.00

Appendix Table 24. Age composition of the Helm Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS				
			1979	1978	1977		
PERIOD	SEX		1.1	1.2	1.3	2.2	TOTAL
SEPT.1-12 (N=276)	MALE	PERCENT	12.30	5.80	27.60	0.00	45.70
	FEMALE	PERCENT	.40	10.50	43.00	.40	54.30
	SEXES COMBINED	PERCENT	12.70	16.30	70.60	.40	100.00

Appendix Table 25. Age composition of the Paul Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS					
			1979	1978	1977		1976	
PERIOD	SEX		1.1	1.2	1.3	2.2	2.3	TOTAL
SEPT.16-17 (N=106)	MALE	PERCENT	.90	19.80	20.70	5.70	5.70	52.80
	FEMALE	PERCENT	0.00	20.80	15.10	9.40	1.90	47.20
	SEXES COMBINED	PERCENT	.90	40.60	35.80	15.10	7.60	100.00

Appendix Table 26. Age composition of the Johnson Cove Creek escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS						
			1979	1978		1977		1976	
PERIOD	SEX		1.1	1.2	2.1	1.3	2.2	2.3	TOTAL
SEPT.18 (N=337)	MALE	PERCENT	1.50	4.20	1.20	23.70	6.80	6.80	44.20
	FEMALE	PERCENT	0.00	7.10	0.00	28.00	13.90	6.80	55.80
	SEXES COMBINED	PERCENT	1.50	11.30	1.20	51.70	20.70	13.60	100.00

Appendix Table 27. Kegan Lake daily, cumulative, and percent weir counts of sockeye salmon, 1982.

DATE	DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE 19	6	6	.04	.04
20	23	29	.16	.20
21	1	30	.01	.21
22	2	32	.01	.22
23	131	163	.91	1.13
24	177	340	1.23	2.35
25	49	389	.34	2.69
26	114	503	.79	3.47
27	49	552	.34	3.81
28	27	579	.19	4.00
29	127	706	.88	4.87
30	61	767	.42	5.30
JULY 1	245	1,012	1.70	6.99
2	268	1,280	1.86	8.84
3	201	1,481	1.39	10.22
4	112	1,593	.78	11.00
5	417	2,010	2.89	13.88
6	185	2,195	1.28	15.15
7	296	2,491	2.05	17.20
8	25	2,516	.17	17.37
9	270	2,786	1.87	19.23
10	145	2,931	1.00	20.23
11	93	3,024	.64	20.88
12	371	3,395	2.57	23.44
13	568	3,963	3.94	27.36
14	275	4,238	1.91	29.26
15	182	4,420	1.26	30.51
16	82	4,502	.57	31.08
17	246	4,748	1.70	32.78
18	76	4,824	.53	33.30
19	518	5,342	3.59	36.88
20	232	5,574	1.61	38.48
21	141	5,715	.98	39.45
22	56	5,771	.39	39.84
23	170	5,941	1.18	41.01
24	151	6,092	1.05	42.06
25	0	6,092	0.00	42.06
26	31	6,123	.21	42.27
27	53	6,176	.37	42.64
28	122	6,298	.85	43.48
29	249	6,547	1.73	45.20
30	59	6,606	.41	45.61
31	38	6,644	.26	45.87
AUG 1	18	6,662	.12	45.99
2	15	6,677	.10	46.10
3	75	6,752	.52	46.61
4	38	6,790	.26	46.88
5	21	6,811	.15	47.02
6	315	7,126	2.18	49.20
7	19	7,145	.13	49.33
8	93	7,238	.64	49.97
9	361	7,599	2.50	52.46
10	412	8,011	2.85	55.31
11	142	8,153	.98	56.29

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Appendix Table 27. Kegan Lake daily, cumulative, and percent weir counts of sockeye salmon, 1982 (continued).

DATE	DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
12	317	8,470	2.20	58.47
13	258	8,728	1.79	60.26
14	142	8,870	.98	61.24
15	531	9,401	3.68	64.90
16	336	9,737	2.33	67.22
17	313	10,050	2.17	69.38
18	354	10,404	2.45	71.83
19	18	10,422	.12	71.95
20	147	10,569	1.02	72.97
21	210	10,779	1.46	74.41
22	228	11,007	1.58	75.99
23	354	11,361	2.45	78.43
24	132	11,493	.91	79.34
25	205	11,698	1.42	80.76
26	303	12,001	2.10	82.85
27	299	12,300	2.07	84.92
28	188	12,488	1.30	86.21
29	87	12,575	.60	86.81
30	121	12,696	.84	87.65
31	96	12,792	.67	88.31
SEPT 1	88	12,880	.61	88.92
2	66	12,946	.46	89.38
3	126	13,072	.87	90.25
4	112	13,184	.78	91.02
5	155	13,339	1.07	92.09
6	126	13,465	.87	92.96
7	227	13,692	1.57	94.53
8	168	13,860	1.16	95.69
9	58	13,918	.40	96.09
10	61	13,979	.42	96.51
11	197	14,176	1.37	97.87
12	37	14,213	.26	98.12
13	35	14,248	.24	98.36
14	52	14,300	.36	98.72
15	18	14,318	.12	98.85
16	33	14,351	.23	99.07
17	30	14,381	.21	99.28
18	51	14,432	.35	99.63
19	30	14,462	.21	99.84
20	23	14,485	.16	100.00

Appendix Table 28. Age composition of the Kegan Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS					
			1979	1978	1977		1976	
PERIOD	SEX		0.2	1.2	1.3	2.2	2.3	TOTAL
JUNE 19-JULY 13 (N=574)	MALE	COUNT	0	442	1,250	83	55	1,830
		PERCENT	0.00	11.15	31.54	2.09	1.39	46.18
	FEMALE	COUNT	0	359	1,629	76	69	2,133
		PERCENT	0.00	9.06	41.11	1.92	1.74	53.82
	SEXES COMBINED	COUNT	0	801	2,879	159	124	3,963
		PERCENT	0.00	20.21	72.65	4.01	3.13	100.00
JULY 14-JUNY 28 (N=549)	MALE	COUNT	0	204	715	140	64	1,123
		PERCENT	0.00	8.74	30.62	6.00	2.74	48.09
	FEMALE	COUNT	0	132	884	115	81	1,212
		PERCENT	0.00	5.65	37.86	4.93	3.47	51.91
	SEXES COMBINED	COUNT	0	336	1,599	255	145	2,335
		PERCENT	0.00	14.39	68.48	10.92	6.21	100.00
JULY 29-SEPT.20 (N=653)	MALE	COUNT	0	802	1,968	715	489	3,974
		PERCENT	0.00	9.80	24.04	8.73	5.97	48.54
	FEMALE	COUNT	13	489	2,395	451	865	4,213
		PERCENT	.16	5.97	29.25	5.51	10.57	51.46
	SEXES COMBINED	COUNT	13	1,291	4,363	1,166	1,354	8,187
		PERCENT	.16	15.77	53.29	14.24	16.54	100.00
TOTAL (N=1,776)	MALE	COUNT	0	1,448	3,933	938	608	6,927
		PERCENT	0.00	10.00	27.15	6.48	4.20	47.82
	FEMALE	COUNT	13	980	4,908	642	1,015	7,558
		PERCENT	.09	6.77	33.88	4.43	7.01	52.18
	SEXES COMBINED	COUNT	13	2,428	8,841	1,580	1,623	14,485
		PERCENT	.09	16.76	61.04	10.91	11.20	100.00

Appendix Table 29. Karta Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982.

DATE	DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE 24	105	105	.25	.25
25	816	921	1.97	2.22
26	1,421	2,342	3.42	5.64
27	836	3,178	2.01	7.66
28	478	3,656	1.15	8.81
29	935	4,591	2.25	11.06
30	762	5,353	1.84	12.90
JULY 1	548	5,901	1.32	14.22
2	501	6,402	1.21	15.43
3	2,113	8,515	5.09	20.52
4	2,083	10,598	5.02	25.54
5	1,465	12,063	3.53	29.07
6	2,617	14,680	6.31	35.38
7	2,401	17,081	5.79	41.17
8	1,000	18,081	2.41	43.58
9	1,658	19,739	4.00	47.57
10	1,215	20,954	2.93	50.50
11	431	21,385	1.04	51.54
12	719	22,104	1.73	53.27
13	5,416	27,520	13.05	66.33
14	708	28,228	1.71	68.03
15	168	28,396	.40	68.44
16	236	28,632	.57	69.01
17	253	28,885	.61	69.62
18	396	29,281	.95	70.57
19	185	29,466	.45	71.02
20	724	30,190	1.74	72.76
21	668	30,858	1.61	74.37
22	522	31,380	1.26	75.63
23	273	31,653	.66	76.29
24	705	32,358	1.70	77.99
25	780	33,138	1.88	79.87
26	558	33,696	1.34	81.21
27	175	33,871	.42	81.63
28	492	34,363	1.19	82.82
29	123	34,486	.30	83.11
30	37	34,523	.09	83.20
31	88	34,611	.21	83.42
AUG 1	146	34,757	.35	83.77
2	134	34,891	.32	84.09
3	280	35,171	.67	84.77
4	96	35,267	.23	85.00
5	91	35,358	.22	85.22
6	248	35,606	.60	85.81
7	586	36,192	1.41	87.23
8	293	36,485	.71	87.93
9	261	36,746	.63	88.56
10	110	36,856	.27	88.83
11	74	36,930	.18	89.01
12	151	37,081	.36	89.37
13	23	37,104	.06	89.42
14	88	37,192	.21	89.64
15	437	37,629	1.05	90.69

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Appendix Table 29. Karta Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982 (continued).

DATE	DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
16	118	37,747	.28	90.97
17	56	37,803	.13	91.11
18	39	37,842	.09	91.20
19	100	37,942	.24	91.44
20	27	37,969	.07	91.51
21	73	38,042	.18	91.69
22	8	38,050	.02	91.70
23	6	38,056	.01	91.72
24	12	38,068	.03	91.75
25	76	38,144	.18	91.93
26	40	38,184	.10	92.03
27	20	38,204	.05	92.08
28	21	38,225	.05	92.13
29	72	38,297	.17	92.30
30	159	38,456	.38	92.68
31	20	38,476	.05	92.73
SEPT 1	584	39,060	1.41	94.14
2	1,939	40,999	4.67	98.81
3	265	41,264	.64	99.45
4	20	41,284	.05	99.50
5	26	41,310	.06	99.56
6	37	41,347	.09	99.65
7	72	41,419	.17	99.82
8	0	41,419	.00	99.82
9	9	41,428	.02	99.85
10	22	41,450	.05	99.90
11	7	41,457	.02	99.92
12	2	41,459	.00	99.92
13	9	41,468	.02	99.94
14	2	41,470	.00	99.95
15	5	41,475	.01	99.96
16	4	41,479	.01	99.97
17	2	41,481	.00	99.97
18	3	41,484	.01	99.98
19	3	41,487	.01	99.99
20	4	41,491	.01	100.00
21	1	41,492	.00	100.00
22	0	41,492	.00	100.00

Appendix Table 30. Age composition of the Karta Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS					
			1978	1977		1976		
PERIOD	SEX		1.2	1.3	2.2	1.4	2.3	TOTAL
JUNE 24-JULY 9 (N=700)	MALE	COUNT	705	10,518	169	28	113	11,533
		PERCENT	3.57	53.29	.86	.14	.57	58.43
	FEMALE	COUNT	564	7,501	141	0	0	8,206
		PERCENT	2.86	38.00	.71	0.00	0.00	41.57
	SEXES COMBINED	COUNT	1,269	18,019	310	28	113	19,739
		PERCENT	6.43	91.29	1.57	.14	.57	100.00
JULY 10-SEPT 22 (N=729)	MALE	COUNT	597	11,756	269	0	149	12,771
		PERCENT	2.74	54.04	1.24	0.00	.68	58.71
	FEMALE	COUNT	209	8,564	119	0	90	8,982
		PERCENT	.96	39.37	.55	0.00	.41	41.29
	SEXES COMBINED	COUNT	806	20,320	388	0	239	21,753
		PERCENT	3.71	93.41	1.78	0.00	1.10	100.00
TOTAL (N=1,429)	MALE	COUNT	1,302	22,274	438	28	262	24,304
		PERCENT	3.14	53.68	1.06	.07	.63	58.58
	FEMALE	COUNT	773	16,065	260	0	90	17,188
		PERCENT	1.86	38.72	.63	0.00	.22	41.42
	SEXES COMBINED	COUNT	2,075	38,339	698	28	352	41,492
		PERCENT	5.00	92.40	1.68	.07	.85	100.00

Appendix Table 31. Age composition of the Klakas Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS				
			1978	1977		1976	
PERIOD	SEX		1.2	1.3	2.2	2.3	TOTAL
AUG.7-19 (N=356)	MALE	PERCENT	2.20	47.50	.30	1.10	51.10
	FEMALE	PERCENT	.80	47.00	0.00	1.10	48.90
	SEXES COMBINED	PERCENT	3.00	94.50	.30	2.20	100.00

Appendix Table 32. Hetta Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982.

DATE	DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE 16	143	143	2.65	2.65
17	0	143	0.00	2.65
18	42	185	.78	3.43
19	1	186	.02	3.45
20	13	199	.24	3.69
21	3	202	.06	3.75
22	5	207	.09	3.84
23	0	207	0.00	3.84
24	4	211	.07	3.92
25	29	240	.54	4.46
26	15	255	.28	4.73
27	3	258	.06	4.79
28	3	261	.06	4.84
29	361	622	6.70	11.55
30	16	638	.30	11.84
JULY 1	89	727	1.65	13.50
2	3	730	.06	13.55
3	0	730	0.00	13.55
4	0	730	0.00	13.55
5	308	1,038	5.72	19.27
6	146	1,184	2.71	21.98
7	0	1,184	0.00	21.98
8	98	1,282	1.82	23.80
9	12	1,294	.22	24.02
10	1	1,295	.02	24.04
11	4	1,299	.07	24.11
12	1	1,300	.02	24.13
13	536	1,836	9.95	34.08
14	0	1,836	0.00	34.08
15	8	1,844	.15	34.23
16	75	1,919	1.39	35.62
17	20	1,939	.37	35.99
18	154	2,093	2.86	38.85
19	22	2,115	.41	39.26
20	0	2,115	0.00	39.26
21	7	2,122	.13	39.39
22	124	2,246	2.30	41.69
23	0	2,246	0.00	41.69
24	9	2,255	.17	41.86
25	1	2,256	.02	41.88
26	0	2,256	0.00	41.88
27	1	2,257	.02	41.90
28	0	2,257	0.00	41.90
29	0	2,257	0.00	41.90
30	0	2,257	0.00	41.90
31	0	2,257	0.00	41.90
AUG 1	0	2,257	0.00	41.90
2	0	2,257	0.00	41.90
3	0	2,257	0.00	41.90
4	0	2,257	0.00	41.90
5	330	2,587	6.13	48.02
6	1,718	4,305	31.89	79.91

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Appendix Table 32. Hetta Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982 (continued).

DATE	DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
7	40	4,345	.74	80.66
8	0	4,345	0.00	80.66
9	4	4,349	.07	80.73
10	2	4,351	.04	80.77
11	106	4,457	1.97	82.74
12	691	5,148	12.83	95.56
13	41	5,189	.76	96.32
14	20	5,209	.37	96.70
15	113	5,322	2.10	98.79
16	21	5,343	.39	99.18
17	0	5,343	0.00	99.18
18	6	5,349	.11	99.29
19	29	5,378	.54	99.83
20	9	5,387	.17	100.00
21	0	5,387	0.00	100.00
22	0	5,387	0.00	100.00
23	0	5,387	0.00	100.00
24	0	5,387	0.00	100.00
25	0	5,387	0.00	100.00
26	0	5,387	0.00	100.00
27	0	5,387	0.00	100.00

Appendix Table 33. Age composition of the Hetta Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS					
			1978		1977	1976		
PERIOD	SEX		0.3	1.2	1.3	1.4	2.3	TOTAL
JUNE 16-AUG 19 (N=745)	MALE	COUNT	22	217	2,611	7	14	2,871
		PERCENT	.41	4.03	48.47	.13	.26	53.29
	FEMALE	COUNT	7	152	2,357	0	0	2,516
		PERCENT	.13	2.82	43.75	0.00	0.00	46.71
	SEXES COMBINED	COUNT	29	369	4,968	7	14	5,387
		PERCENT	.54	6.85	92.22	.13	.26	100.00

Appendix Table 34. Klawock River daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982.

DATE	DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE 28	7	7	.15	.15
29	0	7	.00	.15
30	0	7	.00	.15
JULY 1	0	7	.00	.15
2	0	7	.00	.15
3	0	7	.00	.15
4	0	7	.00	.15
5	0	7	.00	.15
6	0	7	.00	.15
7	0	7	.00	.15
8	0	7	.00	.15
9	0	7	.00	.15
10	0	7	.00	.15
11	0	7	.00	.15
12	50	57	1.04	1.18
13	33	90	.69	1.87
14	0	90	.00	1.87
15	4	94	.08	1.95
16	19	113	.39	2.35
17	6	119	.12	2.47
18	0	119	.00	2.47
19	15	134	.31	2.78
20	9	143	.19	2.97
21	14	157	.29	3.26
22	6	163	.12	3.39
23	2	165	.04	3.43
24	1	166	.02	3.45
25	9	175	.19	3.64
26	3	178	.06	3.70
27	0	178	.00	3.70
28	14	192	.29	3.99
29	7	199	.15	4.14
30	34	233	.71	4.84
31	62	295	1.29	6.13
AUG 1	146	441	3.03	9.16
2	15	456	.31	9.48
3	37	493	.77	10.25
4	48	541	1.00	11.24
5	114	655	2.37	13.61
6	25	680	.52	14.13
7	73	753	1.52	15.65
8	137	890	2.85	18.50
9	30	920	.62	19.12
10	8	928	.17	19.29
11	468	1,396	9.73	29.01
12	0	1,396	.00	29.01
13	9	1,405	.19	29.20
14	15	1,420	.31	29.51
15	19	1,439	.39	29.90
16	112	1,551	2.33	32.23
17	172	1,723	3.57	35.81
18	64	1,787	1.33	37.14
19	3	1,790	.06	37.20
20	0	1,790	.00	37.20

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Appendix Table 34. Klawock River daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982 (continued).

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
	21	0	1,790	.00	37.20
	22	0	1,790	.00	37.20
	23	0	1,790	.00	37.20
	24	4	1,794	.08	37.28
	25	0	1,794	.00	37.28
	26	5	1,799	.10	37.39
	27	52	1,851	1.08	38.47
	28	340	2,191	7.07	45.53
	39	53	2,244	1.10	46.63
	30	12	2,256	.25	46.88
	31	7	2,263	.15	47.03
SEPT	1	2,095	4,358	43.54	90.57
	2	243	4,601	5.05	95.62
	3	62	4,663	1.29	96.90
	4	9	4,672	.19	97.09
	5	109	4,781	2.27	99.36
	6	5	4,786	.10	99.46
	7	14	4,800	.29	99.75
	8	3	4,803	.06	99.81
	9	1	4,804	.02	99.83
	10	0	4,804	.00	99.83
	11	0	4,804	.00	99.83
	12	5	4,809	.10	99.94
	13	0	4,809	.04	99.94
	14	0	4,809	.00	99.94
	15	0	4,809	.00	99.94
	16	0	4,809	.02	99.94
	17	0	4,809	.00	99.94
	18	0	4,809	.00	99.94
	19	0	4,809	.00	99.94
	20	0	4,809	.00	99.94
	21	0	4,809	.00	99.94
	22	0	4,809	.00	99.94
	23	0	4,809	.00	99.94
	24	0	4,809	.00	99.94
	25	0	4,809	.00	99.94
	26	0	4,809	.00	99.94
	27	0	4,809	.00	99.94
	28	0	4,809	.00	99.94
	29	0	4,809	.00	99.94
	30	0	4,809	.00	99.94
OCT	1	0	4,809	.00	99.94
	2	0	4,809	.00	99.94
	3	2	4,811	.04	99.98
	4	0	4,811	.00	99.98
	5	0	4,811	.00	99.98
	6	1	4,812	.02	100.00
	7	0	4,812	.00	100.00
	9	0	4,812	.00	100.00
	11	0	4,812	.00	100.00

Appendix Table 35. Age composition of the Klawock River escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS							
			1979	1978		1977		1976		
PERIOD	SEX		1.1	1.2	2.1	1.3	2.2	2.3	3.2	TOTAL
JUNE 28-OCT 11 (N=725)	MALE	COUNT	7	325	7	1,147	438	20	7	1,951
		PERCENT	.15	6.75	.15	23.84	9.10	.42	.15	40.54
	FEMALE	COUNT	13	405	0	1,719	697	27	0	2,861
		PERCENT	.27	8.42	0.00	35.72	14.48	.56	0.00	59.46
	SEXES COMBINED	COUNT	20	730	7	2,866	1,135	47	7	4,812
		PERCENT	.42	15.17	.15	59.56	23.59	.98	.15	100.00

Appendix Table 36. Age composition of the Chuck Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS						
			1979	1978		1977		1976	
PERIOD	SEX		1.1	1.2	2.1	1.3	2.2	2.3	TOTAL
AUG.25-SEPT.7 (N=332)	MALE	PERCENT	.30	23.80	0.00	30.40	6.60	.30	61.40
	FEMALE	PERCENT	0.00	16.90	.30	13.30	7.80	.30	38.60
	SEXES COMBINED	PERCENT	.30	40.70	.30	43.70	14.40	.60	100.00

Appendix Table 37. Sarkar Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982.

DATE	DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE 14	6	6	.08	.08
15	3	9	.04	.12
16	940	949	12.28	12.39
17	0	949	0.00	12.39
18	54	1,003	.71	13.10
19[1]	250	1,253	3.26	16.36
20	3	1,256	.04	16.40
21[2]	150	1,406	1.96	18.36
22	19	1,425	.25	18.61
23	14	1,439	.18	18.79
24	24	1,463	.31	19.11
25	1,625	3,088	21.22	40.33
26	19	3,107	.25	40.58
27	0	3,107	0.00	40.58
28	35	3,142	.46	41.03
29	27	3,169	.35	41.39
30	7	3,176	.09	41.48
JULY 1	802	3,978	10.47	51.95
2	0	3,978	0.00	51.95
3	114	4,092	1.49	53.44
4	53	4,145	.69	54.13
5	1,221	5,366	15.95	70.08
6	338	5,704	4.41	74.49
7	0	5,704	0.00	74.49
8	0	5,704	0.00	74.49
9	293	5,997	3.83	78.32
10	0	5,997	0.00	78.32
11	12	6,009	.16	78.48
12	130	6,139	1.70	80.18
13	345	6,484	4.51	84.68
14	15	6,499	.20	84.88
15	684	7,183	8.93	93.81
16	100	7,283	1.31	95.12
17[3]	72	7,355	.94	96.06
31	0	7,355	0.00	96.06
AUG 1	0	7,355	0.00	96.06
2	1	7,356	.01	96.07
3	3	7,359	.04	96.11
4	0	7,359	0.00	96.11
5	35	7,394	.46	96.57
6	66	7,460	.86	97.43
7	2	7,462	.03	97.45
8	23	7,485	.30	97.75
9	0	7,485	0.00	97.75
10	21	7,506	.27	98.03
11	0	7,506	0.00	98.03
12	17	7,523	.22	98.25
13	26	7,549	.34	98.59
14	2	7,551	.03	98.62
15	91	7,642	1.19	99.80
16	1	7,643	.01	99.82
17	2	7,645	.03	99.84
18	0	7,645	0.00	99.84
19	1	7,646	.01	99.86
20	1	7,647	.01	99.87
21	10	7,657	.13	100.00
22	0	7,657	0.00	100.00

[1] Weir failure. Estimated fish passage of 250.
[2] Weir failure. Estimated fish passage of 150.
[3] Weir failure from 18 July-30 July. No estimate of fish passage available.

Appendix Table 38. Age composition of the Sarkar Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS					
			1978	1977		1976	1975	
PERIOD	SEX		1.2	1.3	2.2	2.3	3.3	TOTAL
JUNE 14-AUG 22 (N=538)	MALE	COUNT	825	1,224	1,310	85	0	3,444
		PERCENT	10.77	15.99	17.11	1.11	0.00	44.98
	FEMALE	COUNT	740	1,751	1,594	114	14	4,213
		PERCENT	9.66	22.87	20.82	1.49	.18	55.02
	SEXES COMBINED	COUNT	1,565	2,975	2,904	199	14	7,657
		PERCENT	20.44	38.85	37.93	2.60	.18	100.00

Appendix Table 39. Age composition of the Kushneahin Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS			
			1978	1977	1976	
PERIOD	SEX		1.2	1.3	2.3	TOTAL
Sept.18 (N=30)	MALE	PERCENT	0.00	10.00	20.00	30.00
	FEMALE	PERCENT	10.00	16.70	43.30	70.00
	SEXES COMBINED	PERCENT	10.00	26.70	63.30	100.00

Appendix Table 40. Age composition of the Sutter Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS						
			1978		1977		1976	1975	
PERIOD	SEX		1.2	2.1	1.3	2.2	2.3	3.3	TOTAL
SEPT.16-22 (N=177)	MALES	PERCENT	1.10	1.10	13.00	0.00	11.30	1.70	28.20
	FEMALES	PERCENT	6.80	0.00	30.50	5.10	29.40	0.00	71.80
	SEX COMBINED	PERCENT	7.90	1.10	43.50	5.10	40.70	1.70	100.00

Appendix Table 41. Age composition of the Shipley Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS						
			1978	1977		1976		1975	
PERIOD	SEX		2.1	1.3	2.2	2.3	3.2	3.3	TOTAL
SEPT.17-28 (N=92)	MALE	PERCENT	1.10	1.10	10.90	12.00	24.90	18.50	68.50
	FEMALE	PERCENT	0.00	0.00	1.10	19.60	4.30	6.50	31.50
	SEXES COMBINED	PERCENT	1.10	1.10	12.00	31.60	29.20	25.00	100.00

Appendix Table 42. Age composition of the Trumpeter Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS				
			1979	1978	1977		
PEREIOD	SEX		1.1	1.2	1.3	2.2	TOTAL
SEPT.29 (N=120)	MALES	PERCENT	13.30	4.20	35.80	1.70	55.00
	FEMALES	PERCENT	0.00	4.20	39.10	1.70	45.00
	SEXES COMBINED	PERCENT	13.30	8.40	74.90	3.40	100.00

Appendix Table 43. Age composition of the Luck Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS						
			1979	1978		1977		1976	
PERIOD	SEX		1.1	1.2	2.1	1.3	2.2	2.3	TOTAL
AUG.28-29 (N=365)	MALES	PERCENT	36.30	7.40	.30	6.00	2.70	.50	53.20
	FEMALES	PERCENT	2.70	3.00	0.00	30.50	3.80	6.80	46.80
	SEXES COMBINED	PERCENT	39.00	10.40	.30	36.50	6.50	7.30	100.00

Appendix Table 44. Age composition of the Sweetwater Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS						
			1979	1978		1977		1976	
PERIOD	SEX		1.1	0.3	1.2	1.3	2.2	2.3	TOTAL
Sept.24-26 (N=346)	MALES	PERCENT	.30	0.00	2.00	27.80	.90	1.40	32.40
	FEMALES	PERCENT	.30	.30	9.00	49.10	4.60	4.30	67.60
	SEXES COMBINED	PERCENT	.60	.30	11.00	76.90	5.50	5.70	100.00

Appendix Table 45. Salmon Bay Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982.

DATE	DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE 26	3	3	.02	.02
27	1	4	.01	.02
28	1	5	.01	.03
29	2	7	.01	.04
30	1	8	.01	.05
JULY 1	7	15	.04	.09
2	18	33	.11	.21
3	3	36	.02	.22
4	8	44	.05	.27
5	0	44	.00	.27
6	3	47	.02	.29
7	21	68	.13	.42
8	4	72	.02	.45
9	0	72	.00	.45
10	12	84	.07	.52
11	4	88	.02	.55
12	15	103	.09	.64
13	695	798	4.33	4.97
14	108	906	.67	5.65
15	91	997	.57	6.22
16	0	997	.00	6.22
17	23	1,020	.14	6.36
18	59	1,079	.37	6.73
19	312	1,391	1.95	8.67
20	13	1,404	.08	8.75
21	27	1,431	.17	8.92
22	0	1,431	.00	8.92
23	676	2,107	4.21	13.14
24	218	2,325	1.36	14.49
25	190	2,515	1.18	15.68
26	40	2,555	.25	15.93
27	27	2,582	.17	16.10
28	11	2,593	.07	16.16
29	0	2,593	.00	16.16
30	8	2,601	.05	16.21
31	27	2,628	.17	16.38
AUG 1	12	2,640	.07	16.46
2	121	2,761	.75	17.21
3	11	2,772	.07	17.28
4	26	2,798	.16	17.44
5	5	2,803	.03	17.47
6	1	2,804	.01	17.48
7	5	2,809	.03	17.51
8	68	2,877	.42	17.94
9	184	3,061	1.15	19.08
10	5	3,066	.03	19.11
11	5,564	8,630	34.69	53.80
12	742	9,372	4.63	58.43
13	27	9,399	.17	58.59
14	10	9,409	.06	58.66
15	42	9,451	.26	58.92
16	3	9,454	.02	58.94
17	82	9,536	.51	59.45
18	1,531	11,067	9.54	68.99

-Continued-

Appendix Table 45. Salmon Bay Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982 (continued).

DATE	DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
19	18	11,085	.11	69.10
20	17	11,102	.11	69.21
21	168	11,270	1.05	70.26
22	125	11,395	.78	71.04
23	123	11,518	.77	71.80
24	188	11,706	1.17	72.98
25	40	11,746	.25	73.22
26	1,162	12,908	7.24	80.47
27	575	13,483	3.58	84.05
28	66	13,549	.41	84.46
29	182	13,731	1.13	85.60
30	195	13,926	1.22	86.82
31	1,036	14,962	6.46	93.27
SEPT 1	616	15,578	3.84	97.11
2	463	16,041	2.89	100.00

Appendix Table 46. Age composition of the Salmon Bay Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS							
			1979	1978		1977		1976		
PERIOD	SEX		1.1	1.2	2.1	1.3	2.2	1.4	2.3	TOTAL
JUNE 26-AUG.8 (N=610)	MALE	COUNT	0	302	0	1,141	33	0	66	1,542
		PERCENT	0.00	10.50	0.00	39.66	1.15	0.00	2.29	53.60
	FEMALE	COUNT	0	108	0	1,100	42	5	78	1,335
		PERCENT	0.00	3.75	0.00	38.23	1.46	.17	2.78	46.40
	SEXES COMBINED	COUNT	0	410	0	2,241	75	5	146	2,877
		PERCENT	0.00	14.25	0.00	77.89	2.61	.17	5.07	100.00
AUG.9-SEPT.2 (N=692)	MALE	COUNT	209	951	19	2,379	304	0	38	3,900
		PERCENT	1.59	7.22	.14	18.07	2.31	0.00	.29	29.63
	FEMALE	COUNT	19	1,103	0	7,267	685	0	190	9,264
		PERCENT	.14	8.38	0.00	55.20	5.20	0.00	1.44	70.37
	SEXES COMBINED	COUNT	228	2,054	19	9,646	989	0	228	13,164
		PERCENT	1.73	15.60	.14	73.28	7.51	0.00	1.73	100.00
TOTAL (N=1,302)	MALE	COUNT	209	1,253	19	3,520	337	0	104	5,442
		PERCENT	1.30	7.81	.12	21.94	2.10	0.00	.65	33.93
	FEMALE	COUNT	19	1,211	0	8,367	727	5	270	10,599
		PERCENT	.12	7.55	0.00	52.16	4.53	.03	1.68	66.07
	SEXES COMBINED	COUNT	228	2,464	19	11,887	1,064	5	374	16,041
		PERCENT	1.42	15.36	.12	74.10	6.63	.03	2.33	100.00

Appendix Table 47. Age composition of the Red Bay Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS						
			1979	1978		1977		1976	
PERIOD	SEX		1.1	1.2	2.1	1.3	2.2	2.3	TOTAL
SEPT.9-10 (N=316)	MALES	PERCENT	2.20	18.00	.60	18.80	.90	3.20	43.70
	FEMALES	PERCENT	.30	3.50	0.00	48.70	.60	3.20	56.30
	SEXES COMBINED	PERCENT	2.50	21.50	.60	67.50	1.50	6.40	100.00

Appendix Table 48. Age composition of the Kahsheets Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS				
			1979	1978	1977	1976	
PERIOD	SEX		0.2	1.2	1.3	2.3	TOTAL
Sept.10 (N=25)	MALES	PERCENT	0.00	0.00	16.00	12.00	28.00
	FEMALES	PERCENT	4.00	4.00	20.00	44.00	72.00
	SEXES COMBINED	PERCENT	4.00	4.00	36.00	56.00	100.00

Appendix Table 49. Age composition of the Petersburg Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS						
			1979	1978			1977	1976	
PERIOD	SEX		1.1	0.3	1.2	2.1	1.3	2.3	TOTAL
SEPT.16 (N=31)	MALES	PERCENT	45.20	3.20	22.60	3.20	3.20	0.00	77.40
	FEMALES	PERCENT	0.00	0.00	9.70	0.00	9.70	3.20	22.60
	SEXES COMBINED	PERCENT	45.20	3.20	32.30	3.20	12.90	3.20	100.00

Appendix Table 50. Age composition of the Thoms Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS							
			1979	1978			1977		1976	
PERIOD	SEX		1.1	0.3	1.2	2.1	1.3	2.2	2.3	TOTAL
Sept.12-13 (N=508)	MALES	PERCENT	11.20	0.00	.40	2.60	16.10	1.40	21.30	53.00
	FEMALES	PERCENT	0.00	.20	.80	0.00	18.10	3.90	24.00	47.00
	SEXES COMBINED	PERCENT	11.20	.20	1.20	2.60	34.20	5.30	45.30	100.00

Appendix Table 51. Age composition of the Andrew Creek escapement by period and sex, Southeastern Alaska, 1982.

		BROOD YEAR AND AGE CLASS		
			1977	
PERIOD	SEX		1.3	TOTAL
July 25-Aug.21 (N=9)	MALES	PERCENT	55.60	55.60
	FEMALES	PERCENT	44.40	44.40
	SEXES COMBINED	PERCENT	100.00	100.00

Appendix Table 52. Tahltan Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982.

DATE	DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JULY 11	1	1	.00	.00
12	1	2	.00	.01
13	2	4	.01	.01
14	0	4	0.00	.01
15	473	477	1.67	1.69
16	3,292	3,769	11.65	13.34
17	3,371	7,140	11.93	25.27
18	4,049	11,189	14.33	39.60
19	2,687	13,876	9.51	49.11
20	1,814	15,690	6.42	55.53
21	2,639	18,329	9.34	64.87
22	1,300	19,629	4.60	69.47
23	799	20,428	2.83	72.29
24	334	20,762	1.18	73.48
25	634	21,396	2.24	75.72
26	633	22,029	2.24	77.96
27	686	22,715	2.43	80.39
28	1,096	23,811	3.88	84.27
29	995	24,806	3.52	87.79
30	627	25,433	2.22	90.01
31	214	25,647	.76	90.76
AUG 1	381	26,028	1.35	92.11
2	32	26,060	.11	92.22
3	262	26,322	.93	93.15
4	40	26,362	.14	93.29
5	220	26,582	.78	94.07
6	28	26,610	.10	94.17
7	0	26,610	0.00	94.17
8	72	26,682	.25	94.43
9	56	26,738	.20	94.62
10	20	26,758	.07	94.70
11	54	26,812	.19	94.89
12	34	26,846	.12	95.01
13	154	27,000	.54	95.55
14	248	27,248	.88	96.43
15	121	27,369	.43	96.86
16	53	27,422	.19	97.04
17	71	27,493	.25	97.30
18	66	27,559	.23	97.53
19	25	27,584	.09	97.62
20	43	27,627	.15	97.77
21	60	27,687	.21	97.98
22	59	27,746	.21	98.19
23	135	27,881	.48	98.67
24	56	27,937	.20	98.87
25	51	27,988	.18	99.05
26	43	28,031	.15	99.20
27	34	28,065	.12	99.32
28	25	28,090	.09	99.41
29	15	28,105	.05	99.46
30	30	28,135	.11	99.57
31	44	28,179	.16	99.72
SEPT 1	6	28,185	.02	99.75
2	21	28,206	.07	99.82
3 [1]	30	28,236	.11	99.93
[2]	21	28,257	.07	100.00

[1] Estimate of sockeye salmon below the weir when the weir was pulled out.
[2] Estimate of sockeye salmon that jumped over the weir from 15 July to 22 July.

Appendix Table 53. Age composition of the Tahltan Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS					
			1978	1977		1976		
PERIOD	SEX		1.2	1.3	2.2	1.4	2.3	TOTAL
JULY 11-SEPT.3 (N=441)	MALES	COUNT	384	11,212	0	65	2,563	14,224
		PERCENT	1.36	39.68	0.00	0.23	9.07	50.34
	FEMALES	COUNT	769	10,828	65	0	2,371	14,033
		PERCENT	2.72	38.32	0.23	0.00	8.39	49.66
	SEXES COMBINED	COUNT	1,153	22,040	65	65	4,934	28,257
		PERCENT	4.08	78.00	0.23	0.23	17.46	100.00

Appendix Table 54. Falls Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982.

DATE	DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE 30	1	1	.06	.06
JULY 1	1	2	.06	.12
2	0	2	.00	.12
3	0	2	.00	.12
4	1	3	.06	.18
5	18	21	1.07	1.24
6	3	24	.18	1.42
7	1	25	.06	1.48
8	2	27	.12	1.60
9	0	27	.00	1.60
10	0	27	.00	1.60
11	0	27	.00	1.60
12	0	27	.00	1.60
13	0	27	.00	1.60
14	1	28	.06	1.66
15	0	28	.00	1.66
16	0	28	.00	1.66
17	2	30	.12	1.78
18	9	39	.53	2.31
19	6	45	.36	2.67
20	1	46	.06	2.73
21	18	64	1.07	3.79
22	78	142	4.62	8.42
23	106	248	6.28	14.70
24	274	522	16.24	30.94
25	432	954	25.61	56.55
26	92	1,046	5.45	62.00
27	187	1,233	11.08	73.09
28	96	1,329	5.69	78.78
29	90	1,419	5.33	84.11
30	63	1,482	3.73	87.85
31	19	1,501	1.13	88.97
AUG 1	38	1,539	2.25	91.23
2	26	1,565	1.54	92.77
3	14	1,579	.83	93.60
4	7	1,586	.41	94.01
5	12	1,598	.71	94.72
6	8	1,606	.47	95.20
7	2	1,608	.12	95.32
8	12	1,620	.71	96.03
9	5	1,625	.30	96.32
10	0	1,625	.00	96.32
11	0	1,625	.00	96.32
12	0	1,625	.00	96.32
13	7	1,632	.41	96.74
14	0	1,632	.00	96.74
15	18	1,650	1.07	97.81
16	2	1,652	.12	97.93
17	2	1,654	.12	98.04
18	9	1,663	.53	98.58
19	0	1,663	.00	98.58
20	1	1,664	.06	98.64
21	3	1,667	.18	98.81
22	6	1,673	.36	99.17
23	4	1,677	.24	99.41
24	3	1,680	.18	99.59
25	2	1,682	.12	99.70
26	3	1,685	.18	99.88
27	2	1,687	.12	100.00

Appendix Table 55. Age composition of the Falls Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS								
			1979	1978		1977		1976	1975		
PERIOD	SEX		0.2	0.3	1.2	1.3	2.2	2.3	2.4	3.3	TOTAL
JUNE 30-AUG.27 (N=532)	MALE	COUNT	0	3	276	263	203	203	3	0	951
		PERCENT	0.00	.18	16.36	15.59	12.03	12.03	.18	0.00	56.37
	FEMALE	COUNT	3	0	279	70	299	79	3	3	736
		PERCENT	.18	0.00	16.54	4.15	17.72	4.68	.18	.18	43.63
	SEXES COMBINED	COUNT	3	3	555	333	502	282	6	3	1,687
		PERCENT	.18	.18	32.90	19.74	29.76	16.72	.36	.18	100.00

Appendix Table 56. Age composition of the Kutlaku Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS						
			1979	1978		1977		1976	
PERIOD	SEX		1.1	1.2	2.1	1.3	2.2	2.3	TOTAL
SEPT.20-21 (N=345)	MALE	PERCENT	10.40	14.50	.30	19.40	.60	.90	46.10
	FEMALE	PERCENT	0.00	21.20	0.00	31.80	.60	.30	53.90
	SEXES COMBINED	PERCENT	10.40	35.70	.30	51.20	1.20	1.20	100.00

Appendix Table 57. Age composition of the Alecks Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS						
			1979	1978		1977		1976	
PERIOD	SEX		1.1	1.2	2.1	1.3	2.2	2.3	TOTAL
SEPT.4-5 (N=396)	MALE	PERCENT	18.10	10.40	2.50	9.10	10.40	2.80	53.30
	FEMALE	PERCENT	2.50	8.80	.30	21.70	12.90	.50	46.70
	SEXES COMBINED	PERCENT	20.60	19.20	2.80	30.80	23.30	3.30	100.00

Appendix Table 58. Age composition of the Kuthai Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS			
			1978	1977	1976	
PERIOD	SEX		1.2	1.3	2.3	TOTAL
AUG 28-AUG 29 (N=219)	MALES	PERCENT	14.60	42.90	4.10	61.60
	FEMALES	PERCENT	6.80	30.20	1.40	38.40
	SEXES COMBINED	PERCENT	21.40	73.10	5.50	100.00

Appendix Table 59. Age composition of the Little Trapper Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS						
			1979	1978		1977		1976	
PERIOD	SEX		1.1	0.3	1.2	1.3	2.2	2.3	TOTAL
AUG.29-30 (N=611)	MALES	PERCENT	.30	0.00	6.20	42.00	.80	5.70	55.00
	FEMALES	PERCENT	0.00	.20	2.30	33.20	.80	8.50	45.00
	SEXES COMBINED	PERCENT	.30	.20	8.50	75.20	1.60	14.20	100.00

Appendix Table 60. Age composition of the Speel Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS					
			1979	1978	1977	1976		
PERIOD	SEX		1.1	1.2	1.3	1.4	2.3	TOTAL
SEPT.22-OCT.2 (N=312)	MALE	PERCENT	3.50	48.10	15.40	.30	.60	67.90
	FEMALE	PERCENT	0.00	7.40	24.40	0.00	.30	32.10
	SEXES COMBINED	PERCENT	3.50	55.50	39.80	.30	.90	100.00

Appendix Table 61. Age composition of the Crescent Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS						
			1979	1978		1977		1976	
PERIOD	SEX		1.1	1.2	2.1	1.3	2.2	2.3	TOTAL
OCT.2-3 (N=323)	MALE	PERCENT	2.50	36.00	.90	14.20	2.80	.30	56.70
	FEMALE	PERCENT	0.00	4.30	0.00	38.40	0.00	.60	43.30
	SEXES COMBINED	PERCENT	2.50	40.30	.90	52.60	2.80	.90	100.00

Appendix Table 62. Auke Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JULY	19	176	176	13.19	13.19
	20	58	234	4.35	17.54
	21	0	234	.00	17.54
	22	0	234	.00	17.54
	23	0	234	.00	17.54
	24	0	234	.00	17.54
	25	0	234	.00	17.54
	26	0	234	.00	17.54
	27	0	234	.00	17.54
	28	0	234	.00	17.54
	29	0	234	.00	17.54
	30	0	234	.00	17.54
	31	0	234	.00	17.54
AUG	1	0	234	.00	17.54
	2	0	234	.00	17.54
	3	0	234	.00	17.54
	4	0	234	.00	17.54
	5	0	234	.00	17.54
	6	0	234	.00	17.54
	7	0	234	.00	17.54
	8	0	234	.00	17.54
	9	3	237	.22	17.77
	10	487	724	36.51	54.27
	11	26	750	1.95	56.22
	12	7	757	.52	56.75
	13	0	757	.00	56.75
	14	0	757	.00	56.75
	15	0	757	.00	56.75
	16	0	757	.00	56.75
	17	0	757	.00	56.75
	18	2	759	.15	56.90
	19	0	759	.00	56.90
	20	0	759	.00	56.90
	21	0	759	.00	56.90
	22	0	759	.00	56.90
	23	0	759	.00	56.90
	24	56	815	4.20	61.09
	25	66	881	4.95	66.04
	26	98	979	7.35	73.39
	27	119	1,098	8.92	82.31
	28	20	1,118	1.50	83.81
	29	2	1,120	.15	83.96
	30	24	1,144	1.80	85.76
	31	28	1,172	2.10	87.86
SEPT	1	42	1,214	3.15	91.00
	2	55	1,269	4.12	95.13
	3	20	1,289	1.50	96.63
	4	0	1,289	.00	96.63
	5	0	1,289	.00	96.63
	6	0	1,289	.00	96.63
	7	2	1,291	.15	96.78
	8	2	1,293	.15	96.93
	9	1	1,294	.07	97.00
	10	2	1,296	.15	97.15

-Continued-

Appendix Table 62. Auke Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982 (continued).

DATE	DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
11	0	1,296	.00	97.15
12	0	1,296	.00	97.15
13	1	1,297	.07	97.23
14	0	1,297	.00	97.23
15	2	1,299	.15	97.38
16	2	1,301	.15	97.53
17	3	1,304	.22	97.75
18	1	1,305	.07	97.83
19	0	1,305	.00	97.83
20	0	1,305	.00	97.83
21	0	1,305	.00	97.83
22	2	1,307	.15	97.98
23	0	1,307	.00	97.98
24	19	1,326	1.42	99.40
25	7	1,333	.52	99.93
26	0	1,333	.00	99.93
27	0	1,333	.00	99.93
28	0	1,333	.00	99.93
29	0	1,333	.00	99.93
30	1	1,334	.07	100.00

Appendix Table 63. Age composition of the Auke Creek escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS								
			1978		1977		1976		1975		
PERIOD	SEX		1.2	2.1	1.3	2.2	2.3	3.2	2.4	3.3	TOTAL
JULY 19-SEPT 30 (N=214)	MALE	COUNT	12	25	118	206	400	31	0	12	804
		PERCENT	.90	1.87	8.85	15.44	29.99	2.32	0.00	.90	60.27
	FEMALE	COUNT	12	0	106	56	312	19	6	19	530
		PERCENT	.90	0.00	7.95	4.20	23.39	1.42	.45	1.42	39.73
	SEXES COMBINED	COUNT	24	25	224	262	712	50	6	31	1,334
		PERCENT	1.80	1.87	16.79	19.64	53.37	3.75	.45	2.32	100.00

Appendix Table 64. Age composition of the Steep Creek escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS							
			1979	1978		1977		1976		
PERIOD	SEX		1.1	0.3	1.2	1.3	2.2	1.4	2.3	TOTAL
AUG.2-22 (N=335)	MALE	PERCENT	.60	1.50	10.40	33.80	.30	.60	2.10	49.30
	FEMALE	PERCENT	0.00	.90	3.30	42.60	.60	.30	3.00	50.70
	SEXES COMBINED	PERCENT	.60	2.40	13.70	76.40	.90	.90	5.10	100.00

Appendix Table 65. Age composition of the Politofski Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS								
			1979	1978			1977		1976		
PERIOD	SEX		1.1	0.3	1.2	2.1	1.3	2.2	2.3	3.2	TOTAL
AUG.22-SEPT.3 (N=199)	MALES	PERCENT	11.10	.50	8.50	18.60	21.10	3.00	7.00	0.00	69.80
	FEMALES	PERCENT	0.00	0.00	7.00	.50	15.20	1.50	5.50	.50	30.20
	SEXES COMBINED	PERCENT	11.10	.50	15.50	19.10	36.30	4.50	12.50	.50	100.00

Appendix Table 66. Redoubt Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982.

DATE	DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE 23	8	8	1.86	1.86
24	1	9	.23	2.09
25	0	9	.00	2.09
26	2	11	.47	2.56
27	7	18	1.63	4.19
28	2	20	.47	4.65
29	2	22	.47	5.12
30	2	24	.47	5.58
JULY 1	8	32	1.86	7.44
2	17	49	3.95	11.40
3	4	53	.93	12.33
4	31	84	7.21	19.53
5	5	89	1.16	20.70
6	15	104	3.49	24.19
7	7	111	1.63	25.81
8	20	131	4.65	30.47
9	7	138	1.63	32.09
10	1	139	.23	32.33
11	1	140	.23	32.56
12	3	143	.70	33.26
13	0	143	.00	33.26
14	4	147	.93	34.19
15	0	147	.00	34.19
16	1	148	.23	34.42
17	18	166	4.19	38.60
18	15	181	3.49	42.09
19	5	186	1.16	43.26
20	2	188	.47	43.72
21	1	189	.23	43.95
22	4	193	.93	44.88
23	1	194	.23	45.12
24	0	194	.00	45.12
25	1	195	.23	45.35
26	0	195	.00	45.35
27	1	196	.23	45.58
28	15	211	3.49	49.07
29	42	253	9.77	58.84
30	46	299	10.70	69.53
31	2	301	.47	70.00
AUG 1	1	302	.23	70.23
2	0	302	.00	70.23
3	2	304	.47	70.70
4	1	305	.23	70.93
5	1	306	.23	71.16
6	4	310	.93	72.09
7	7	317	1.63	73.72
8	3	320	.70	74.42
9	0	320	.00	74.42
10	9	329	2.09	76.51
11	42	371	9.77	86.28
12	18	389	4.19	90.47
13	8	397	1.86	92.33
14	2	399	.47	92.79
15	25	424	5.81	98.60
16	2	426	.47	99.07
17	2	428	.47	99.53
18	0	428	.00	99.53
19	2	430	.47	100.00
20	0	430	.00	100.00
21	0	430	.00	100.00
22	0	430	.00	100.00

Appendix Table 67. Age composition of the Redoubt Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS											
			1979	1978			1977		1976			1975		
PERIOD	SEX		0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	3.3	TOTAL
JUNE 23-AUG.19 (N=297)	MALE	COUNT	1	1	58	1	115	39	7	17	7	10	3	259
		PERCENT	.23	.23	13.49	.23	26.74	9.07	1.63	3.95	1.63	2.33	.70	60.23
	FEMALE	COUNT	0	1	22	0	90	29	1	17	4	6	1	171
		PERCENT	0.00	.23	5.12	0.00	20.93	6.74	.23	3.95	.93	1.40	.23	39.77
	SEXES COMBINED	COUNT	1	2	80	1	205	68	8	34	11	16	4	430
		PERCENT	.23	.47	18.60	.23	47.67	15.81	1.86	7.91	2.56	3.72	.93	100.00

Appendix Table 68. Sitkoh Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982.

DATE	DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE 16	0	0	.00	.00
17	0	0	.00	.00
18	0	0	.00	.00
19	0	0	.00	.00
20	4	4	.06	.06
21	25	29	.35	.40
22	22	51	.30	.71
23	1	52	.01	.72
24	8	60	.11	.83
25	6	66	.08	.91
26	31	97	.43	1.34
27	121	218	1.67	3.02
28	2	220	.03	3.04
29	4	224	.06	3.10
30	3	227	.04	3.14
JULY 1	1	228	.01	3.15
2	0	228	.00	3.15
3	0	228	.00	3.15
4	0	228	.00	3.15
5	0	228	.00	3.15
6	0	228	.00	3.15
7	0	228	.00	3.15
8	3	231	.04	3.20
9	0	231	.00	3.20
10	0	231	.00	3.20
11	146	377	2.02	5.22
12	0	377	.00	5.22
13	0	377	.00	5.22
14	9	386	.12	5.34
15	0	386	.00	5.34
16	0	386	.00	5.34
17	616	1,002	8.52	13.86
18	34	1,036	.47	14.33
19	35	1,071	.48	14.82
20	995	2,066	13.77	28.58
21	63	2,129	.87	29.45
22	0	2,129	.00	29.45
23	2	2,131	.03	29.48
24	0	2,131	.00	29.48
25	0	2,131	.00	29.48
26	0	2,131	.00	29.48
27	1	2,132	.01	29.50
28	0	2,132	.00	29.50
29	0	2,132	.00	29.50
30	0	2,132	.00	29.50
31	11	2,143	.15	29.65
AUG 1	7	2,150	.10	29.75
2	0	2,150	.00	29.75
3	246	2,396	3.40	33.15
4	0	2,396	.00	33.15
5	7	2,403	.10	33.25
6	232	2,635	3.21	36.46
7	331	2,966	4.58	41.03

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Appendix Table 68. Sitkoh Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982 (continued).

DATE	DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
8	39	3,005	.54	41.57
9	0	3,005	.00	41.57
10	5	3,010	.07	41.64
11	1	3,011	.01	41.66
12	0	3,011	.00	41.66
13	2	3,013	.03	41.69
14	0	3,013	.00	41.69
15	1	3,014	.01	41.70
16	1	3,015	.01	41.71
17	2	3,017	.03	41.74
18	1	3,018	.01	41.75
19	2	3,020	.03	41.78
20	1	3,021	.01	41.80
21	3	3,024	.04	41.84
22	17	3,041	.24	42.07
23	10	3,051	.14	42.21
24	39	3,090	.54	42.75
25	13	3,103	.18	42.93
26	37	3,140	.51	43.44
27	290	3,430	4.01	47.45
28	68	3,498	.94	48.40
29	352	3,850	4.87	53.27
30	639	4,489	8.84	62.11
31	509	4,998	7.04	69.15
SEPT 1	2,088	7,086	28.89	98.04
2	135	7,221	1.87	99.90
3	4	7,225	.06	99.96
4	3	7,228	.04	100.00

Appendix Table 69. Age composition of the Sitkoh Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS					
			1978	1977		1976		
PERIOD	SEX		1.2	1.3	2.2	1.4	2.3	TOTAL
JUNE 28-SEPT.2 (N=764)	MALE	COUNT	653	2,754	0	9	132	3,548
		PERCENT	9.03	38.10	0.00	.12	1.83	49.09
	FEMALE	COUNT	1,107	2,431	95	0	47	3,680
		PERCENT	15.32	33.63	1.31	0.00	.65	50.91
	SEXES COMBINED	COUNT	1,760	5,185	95	9	179	7,228
		PERCENT	24.35	71.73	1.31	.12	2.48	100.00

Appendix Table 70. Age composition of the Ford Arm Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS								
			1979	1978			1977		1976		
PERIOD	SEX		1.1	0.3	1.2	2.1	1.3	2.2	2.3	3.2	TOTAL
AUG.27-29 (N=263)	MALES	PERCENT	19.70	.40	3.80	.80	15.60	4.20	6.80	.40	51.70
	FEMALES	PERCENT	0.00	0.00	8.00	0.00	24.80	5.70	8.70	1.10	48.30
	SEXES COMBINED	PERCENT	19.70	.40	11.80	.80	40.40	9.90	15.50	1.50	100.00

Appendix Table 71. Chilkat Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982.

DATE	DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE 25	8	8	.01	.01
26	23	31	.03	.04
27	0	31	.00	.04
28	65	96	.08	.12
29	41	137	.05	.17
30	79	216	.10	.27
JULY 1	1	217	.00	.27
2	8	225	.01	.28
3	338	563	.42	.70
4	2	565	.00	.70
5	18	583	.02	.73
6	90	673	.11	.84
7	440	1,113	.55	1.39
8	8	1,121	.01	1.40
9	35	1,156	.04	1.44
10	12	1,168	.02	1.46
11	249	1,417	.31	1.77
12	111	1,528	.14	1.91
13	30	1,558	.04	1.94
14	39	1,597	.05	1.99
15	1	1,598	.00	1.99
16	0	1,598	.00	1.99
17	31	1,629	.04	2.03
18	223	1,852	.28	2.31
19	1,174	3,026	1.46	3.77
20	525	3,551	.65	4.43
21	179	3,730	.22	4.65
22	335	4,065	.42	5.07
23	50	4,115	.06	5.13
24	29	4,144	.04	5.17
25	503	4,647	.63	5.79
26	0	4,647	.00	5.79
27	1,240	5,887	1.55	7.34
28	0	5,887	.00	7.34
29	0	5,887	.00	7.34
30	0	5,887	.00	7.34
31	0	5,887	.00	7.34
AUG 1	2	5,889	.00	7.34
2	341	6,230	.43	7.77
3	477	6,707	.60	8.36
4	729	7,436	.91	9.27
5	467	7,903	.58	9.85
6	32	7,935	.04	9.89
7	1,448	9,383	1.81	11.70
8	6	9,389	.01	11.70
9	0	9,389	.00	11.70
10	30	9,419	.04	11.74
11	7	9,426	.01	11.75
12	34	9,460	.04	11.79
13	17	9,477	.02	11.81
14	415	9,892	.52	12.33
15	90	9,982	.11	12.44
16	2,085	12,067	2.60	15.04

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Appendix Table 71. Chilkat Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982 (continued).

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
	17	696	12,763	.87	15.91
	18	1	12,764	.00	15.91
	19	6	12,770	.01	15.92
	20	82	12,852	.10	16.02
	21	1,113	13,965	1.39	17.41
	22	206	14,171	.26	17.67
	23	621	14,792	.77	18.44
	24	1,006	15,798	1.25	19.69
	25	16	15,814	.02	19.71
	26	145	15,959	.18	19.89
	27	3,135	19,094	3.91	23.80
	28	22	19,116	.03	23.83
	29	54	19,170	.07	23.90
	30	29	19,199	.04	23.93
	31	254	19,453	.32	24.25
SEPT	1	167	19,620	.21	24.46
	2	863	20,483	1.08	25.53
	3	12	20,495	.02	25.55
	4	196	20,691	.24	25.79
	5	5,068	25,759	6.32	32.11
	6	1,020	26,779	1.27	33.38
	7	0	26,779	.00	33.38
	8	2	26,781	.00	33.38
	9	0	26,781	.00	33.38
	10	1	26,782	.00	33.39
	11	0	26,782	.00	33.39
	12	4,000	30,782	4.99	38.37
	13	12,300	43,082	15.33	53.70
	14	1,685	44,767	2.10	55.81
	15	150	44,917	.19	55.99
	16	178	45,095	.22	56.21
	17	0	45,095	.00	56.21
	18	2,065	47,160	2.57	58.79
	19	6,529	53,689	8.14	66.93
	20	1,479	55,168	1.84	68.77
	21	132	55,300	.17	68.94
	22	169	55,469	.21	69.15
	23	9,104	64,573	11.35	80.49
	24	4,832	69,405	6.02	86.52
	25	3,271	72,676	4.08	90.60
	26	4,086	76,762	5.09	95.69
	27	1,599	78,361	1.99	97.68
	28	240	78,601	.30	97.98
	29	1,539	80,140	1.92	99.90
	30	0	80,140	.00	99.90
OCT	1	0	80,140	.00	99.90
	2	3	80,143	.00	99.90
	3	26	80,169	.03	99.94
	4	0	80,169	.00	99.94
	5	2	80,171	.00	99.94
	6	7	80,178	.01	99.95
	7	43	80,221	.05	100.00

Appendix Table 72. Age composition of the Chilkat Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS									
			1979	1978			1977		1976		1975	
PERIOD	SEX		1.1	0.3	1.2	2.1	1.3	2.2	2.3	3.2	3.3	TOTAL
JUNE 27-SEPT.4 (N=586)	MALE	COUNT	71	0	459	212	3,919	2,683	3,496	35	35	10,910
		PERCENT	.34	0.00	2.22	1.02	18.94	12.97	16.90	.17	.17	52.7
	FEMALE	COUNT	0	35	530	0	2,895	4,026	2,295	0	0	9,781
		PERCENT	0.00	.17	2.56	0.00	13.99	19.46	11.09	0.00	0.00	47.2
	SEXES COMBINED	COUNT	71	35	989	212	6,814	6,709	5,791	35	35	20,691
		PERCENT	.34	.17	4.78	1.02	32.93	32.42	27.99	.17	.17	100.0
SEPT.8-SEPT.16 (N=529)	MALE	COUNT	46	0	92	1,061	231	4,890	5,951	231	46	12,548
		PERCENT	.19	0.00	.38	4.35	.95	20.04	24.39	.95	.19	51.4
	FEMALE	COUNT	0	0	92	0	185	7,611	3,783	185	0	11,856
		PERCENT	0.00	0.00	.38	0.00	.76	31.19	15.50	.76	0.00	48.5
	SEXES COMBINED	COUNT	46	0	184	1,061	416	12,501	9,734	416	46	24,404
		PERCENT	.19	0.00	.75	4.35	1.70	51.23	39.89	1.70	.19	100.0
SEPT.17-OCT.3 (N=517)	MALE	COUNT	204	0	204	951	340	7,608	7,270	408	0	16,985
		PERCENT	.58	0.00	.58	2.71	.97	21.66	20.70	1.16	0.00	48.3
	FEMALE	COUNT	0	0	204	0	272	11,414	5,911	340	0	18,141
		PERCENT	0.00	0.00	.58	0.00	.77	32.49	16.83	.97	0.00	51.6
	SEXES COMBINED	COUNT	204	0	408	951	612	19,022	13,181	748	0	35,126
		PERCENT	.58	0.00	1.16	2.71	1.74	54.15	37.52	2.13	0.00	100.0
TOTAL (N=1,632)	MALE	COUNT	321	0	755	2,224	4,490	15,181	16,717	674	81	40,443
		PERCENT	.40	0.00	0.94	2.77	5.60	18.92	20.84	0.84	0.10	50.41
	FEMALE	COUNT	0	35	826	0	3,352	23,051	11,989	525	0	39,778
		PERCENT	0.00	.04	1.03	0.00	4.18	28.75	14.94	0.65	0.00	49.59
	SEXES COMBINED	COUNT	321	35	1,581	2,224	7,842	38,232	28,706	1,199	81	80,221
		PERCENT	.40	.04	1.97	2.77	9.78	47.67	35.78	1.49	0.10	100.00

Appendix Table 73. Chilkoot Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1982.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE	3	0	0	.00	.00
	4	0	0	.00	.00
	5	0	0	.00	.00
	6	13	13	.01	.01
	7	46	59	.05	.06
	8	10	69	.01	.07
	9	33	102	.03	.10
	10	60	162	.06	.16
	11	71	233	.07	.23
	12	19	252	.02	.25
	13	377	629	.37	.61
	14	55	684	.05	.66
	15	1,008	1,692	.98	1.64
	16	1,100	2,792	1.07	2.71
	17	1,592	4,384	1.55	4.26
	18	5,256	9,640	5.10	9.36
	19	2,832	12,472	2.75	12.11
	20	943	13,415	.92	13.03
	21	1,693	15,108	1.64	14.67
	22	647	15,755	.63	15.30
	23	1,102	16,857	1.07	16.37
	24	1,273	18,130	1.24	17.61
	25	2,247	20,377	2.18	19.79
	26	1,535	21,912	1.49	21.28
	27	872	22,784	.85	22.13
	28	473	23,257	.46	22.59
	29	583	23,840	.57	23.15
	30	149	23,989	.15	23.30
JULY	1	92	24,081	.09	23.39
	2	219	24,300	.21	23.60
	3	235	24,535	.23	23.83
	4	203	24,738	.20	24.02
	5	335	25,073	.33	24.35
	6	484	25,557	.47	24.82
	7	224	25,781	.22	25.04
	8	313	26,094	.30	25.34
	9	152	26,246	.15	25.49
	10	270	26,516	.26	25.75
	11	200	26,716	.19	25.95
	12	253	26,969	.25	26.20
	13	462	27,431	.45	26.64
	14	728	28,159	.71	27.35
	15	1,102	29,261	1.07	28.42
	16	847	30,108	.82	29.24
	17	1,503	31,611	1.46	30.70
	18	1,452	33,063	1.41	32.11
	19	3,509	36,572	3.41	35.52
	20	2,419	38,991	2.35	37.87
	21	1,112	40,103	1.08	38.95
	22	1,848	41,951	1.80	40.74
	23	3,949	45,900	3.84	44.58
	24	3,285	49,185	3.19	47.77
	25	2,956	52,141	2.87	50.64

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Appendix Table 73. Chilkoot Lake daily, cumulative, and percent weir counts of sockeye system, Southeastern Alaska, 1982 (continued).

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
	26	3,522	55,663	3.42	54.06
	27	4,414	60,077	4.29	58.34
	28	4,074	64,151	3.96	62.30
	29	3,377	67,528	3.28	65.59
	30	1,040	68,568	1.01	66.59
	31	1,423	69,991	1.38	67.97
AUG	1	1,853	71,844	1.80	69.77
	2	3,312	75,156	3.22	72.99
	3	2,229	77,385	2.17	75.15
	4	1,068	78,453	1.04	76.19
	5	1,553	80,006	1.51	77.70
	6	1,460	81,466	1.42	79.11
	7	1,883	83,349	1.83	80.94
	8	1,236	84,585	1.20	82.14
	9	2,680	87,265	2.60	84.75
	10	1,412	88,677	1.37	86.12
	11	945	89,622	.92	87.03
	12	802	90,424	.78	87.81
	13	800	91,224	.78	88.59
	14	412	91,636	.40	88.99
	15	830	92,466	.81	89.80
	16	422	92,888	.41	90.21
	17	921	93,809	.89	91.10
	18	1,483	95,292	1.44	92.54
	19	908	96,200	.88	93.42
	20	216	96,416	.21	93.63
	21	158	96,574	.15	93.79
	22	168	96,742	.16	93.95
	23	719	97,461	.70	94.65
	24	736	98,197	.72	95.36
	25	299	98,496	.29	95.65
	26	371	98,867	.36	96.01
	27	260	99,127	.25	96.27
	28	102	99,229	.10	96.36
	29	112	99,341	.11	96.47
	30	0	99,341	.00	99.47
	31	141	99,482	.14	96.61
SEPT	1	216	99,698	.21	96.82
	2	145	99,843	.14	96.96
	3	648	100,491	.63	97.59
	4	256	100,747	.25	97.84
	5	373	101,120	.36	98.20
	6	313	101,433	.30	98.50
	7	125	101,558	.12	98.63
	8	205	101,763	.20	98.83
	9	123	101,886	.12	98.94
	10	118	102,004	.12	99.06
	11	147	102,151	.14	99.20
	12	204	102,355	.20	99.40
	13	234	102,589	.23	99.63
	14	84	102,673	.08	99.71
	15	0	102,673	.00	99.71
	16	300	102,973	.29	100.00

Appendix Table 74. Age composition of the Chilkoot Lake escapement by period and sex, Southeastern Alaska, 1982.

			BROOD YEAR AND AGE CLASS						
			1978		1977		1976		
PERIOD	SEX		0.3	1.2	1.3	2.2	1.4	2.3	TOTAL
JUNE 11-JULY 18 (N=563)	MALE	COUNT	235	998	16,327	0	176	352	18,088
		PERCENT	.71	3.02	49.38	0.00	.53	1.06	54.71
	FEMALE	COUNT	0	822	14,094	59	0	0	14,975
		PERCENT	0.00	2.49	42.63	.18	0.00	0.00	45.29
	SEXES COMBINED	COUNT	235	1,820	30,421	59	176	352	33,063
		PERCENT	.71	5.50	92.01	.18	.53	1.06	100.00
JULY 19-JULY 30 (N=566)	MALE	COUNT	0	2,948	12,359	125	376	314	16,122
		PERCENT	0.00	8.30	34.81	.35	1.06	.88	45.41
	FEMALE	COUNT	0	4,767	14,115	251	125	125	19,383
		PERCENT	0.00	13.43	39.75	.71	.35	.35	54.59
	SEXES COMBINED	COUNT	0	7,715	26,474	376	501	439	35,505
		PERCENT	0.00	21.73	74.56	1.06	1.41	1.24	100.00
JULY 31-SEPT.8 (N=562)	MALE	COUNT	0	4,836	12,305	0	306	0	17,447
		PERCENT	0.00	14.06	35.77	0.00	.89	0.00	50.71
	FEMALE	COUNT	0	5,387	11,265	122	0	184	16,958
		PERCENT	0.00	15.66	32.74	.35	0.00	.53	49.29
	SEXES COMBINED	COUNT	0	10,223	23,570	122	306	184	34,405
		PERCENT	0.00	29.71	68.51	.35	.89	.53	100.00
TOTAL (N=1,691)	MALE	COUNT	235	8,782	40,991	125	858	666	51,657
		PERCENT	.23	8.53	39.81	.12	.83	.65	50.17
	FEMALE	COUNT	0	10,976	39,474	432	125	309	51,316
		PERCENT	0.00	10.66	38.33	.42	.12	.30	49.83
	SEXES COMBINED	COUNT	235	19,758	80,465	557	983	975	102,973
		PERCENT	.23	19.19	78.14	.54	.95	.95	100.00

Appendix Table 75. Inclusive dates for the numbered calendar weeks, 1982.

WEEK NUMBER	FROM	THROUGH
1	JAN 1	JAN 2
2	JAN 3	JAN 9
3	JAN 10	JAN 16
4	JAN 17	JAN 23
5	JAN 24	JAN 30
6	JAN 31	FEB 6
7	FEB 7	FEB 13
8	FEB 14	FEB 20
9	FEB 21	FEB 27
10	FEB 28	MAR 6
11	MAR 7	MAR 13
12	MAR 14	MAR 20
13	MAR 21	MAR 27
14	MAR 28	APR 3
15	APR 4	APR 10
16	APR 11	APR 17
17	APR 18	APR 24
18	APR 25	MAY 1
19	MAY 2	MAY 8
20	MAY 9	MAY 15
21	MAY 16	MAY 22
22	MAY 23	MAY 29
23	MAY 30	JUN 5
24	JUN 6	JUN 12
25	JUN 13	JUN 19
26	JUN 20	JUN 26
27	JUN 27	JUL 3
28	JUL 4	JUL 10
29	JUL 11	JUL 17
30	JUL 18	JUL 24
31	JUL 25	JUL 31
32	AUG 1	AUG 7
33	AUG 8	AUG 14
34	AUG 15	AUG 21
35	AUG 22	AUG 28
36	AUG 29	SEP 4
37	SEP 5	SEP 11
38	SEP 12	SEP 18
39	SEP 19	SEP 25
40	SEP 26	OCT 2
41	OCT 3	OCT 9
42	OCT 10	OCT 16
43	OCT 17	OCT 23
44	OCT 24	OCT 30
45	OCT 31	NOV 6
46	NOV 7	NOV 13
47	NOV 14	NOV 20
48	NOV 21	NOV 27
49	NOV 28	DEC 4
50	DEC 5	DEC 11
51	DEC 12	DEC 18
52	DEC 19	DEC 25
53	DEC 26	DEC 31

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