NECHAKO AND STUART RIVERS CHINOOK CARCASS RECOVERY 1996

NECHAKO FISHERIES CONSERVATION PROGRAM
Technical Report No. M96-2

Prepared by:

Len Seefried and Byron Nutton
Fisheries and Oceans Canada
March 2008

Contents

LIST OF TABLES

LIST OF FIGURES

LIST OF APPENDICES

ABSTRACT

In 1996 adult Chinook salmon *(Oncorhynchus tshawytscha)* carcasses were recovered from the Nechako and Stuart rivers in order to collect biological data on sex, size, fecundity, egg retention, life history and age. This information contributes to the database being compiled under the auspices of the Nechako Fisheries Conservation Program to monitor the Nechako Chinook population.

A total of 266 carcasses were collected on the Nechako River between September 10th and October 3rd. Nechako River Chinook carcasses recovered in 1996 exhibited similar biological characteristics to those collected from 1988 to 1995. Mean post-orbital hypural length for both males and females fell within the ranges observed in previous years. The spawning population was almost exclusively comprised of individuals with a stream-type life history, dominated by 4_2 and 5_2 age-classes, which is consistent with previous years.

On the Stuart River, 1245 carcasses were sampled to collect information that could be used as a comparison to the Nechako data, to identify possible effects of flow regulation on the Nechako Chinook population. Since no obvious trends or anomalies were identified during the comparison of 1996 Nechako data to previous years, it was not necessary to use the information collected from the Stuart in this manner. However, the data are documented in this report in the event that longer-term analyses are required in the future.

INTRODUCTION

Each year since 1988 the Nechako Fisheries Conservation Program (NFCP) Technical Committee has conducted a suite of projects to monitor the population of Chinook salmon *(Oncorhynchus tshawytscha)* that spawn and rear in the Nechako River. The goal of these projects is to provide the information necessary for the NFCP to assess whether or not the Conservation Goal identified in the 1987 Settlement Agreement (Anon, 1987) is being met.

As part of this program of studies to monitor Nechako River Chinook salmon, the Technical Committee has conducted carcass recovery projects on the Nechako and Stuart rivers each year. The purpose of these projects is to gather biological data on adult spawners, including: sex, size, fecundity, egg retention, life history and age. In particular, analysis of fish age indicates the relative contribution of each brood year to the current years' spawning population, which is used to interpret the results of the annual NFCP enumeration projects. The information collected from the Nechako River is compared to similar information collected from the Stuart River, an adjacent system unaffected by flow regulation (Figure 1), to assist in identifying potential effects of flow regulation on the Nechako Chinook population.

METHODS

Sampling was conducted throughout the period of Chinook spawner die-off, from mid September to early October.

In the Nechako River sampling was conducted from Cheslatta Falls downstream to Vanderhoof (Figure 2). In order to ensure a representative sample, recovery effort was based on spawner distribution observed during helicopter surveys conducted as part of the concurrent enumeration project. The target sample size was set at a minimum of 200 fish.

FIGURE 1 **Nechako River Drainage**

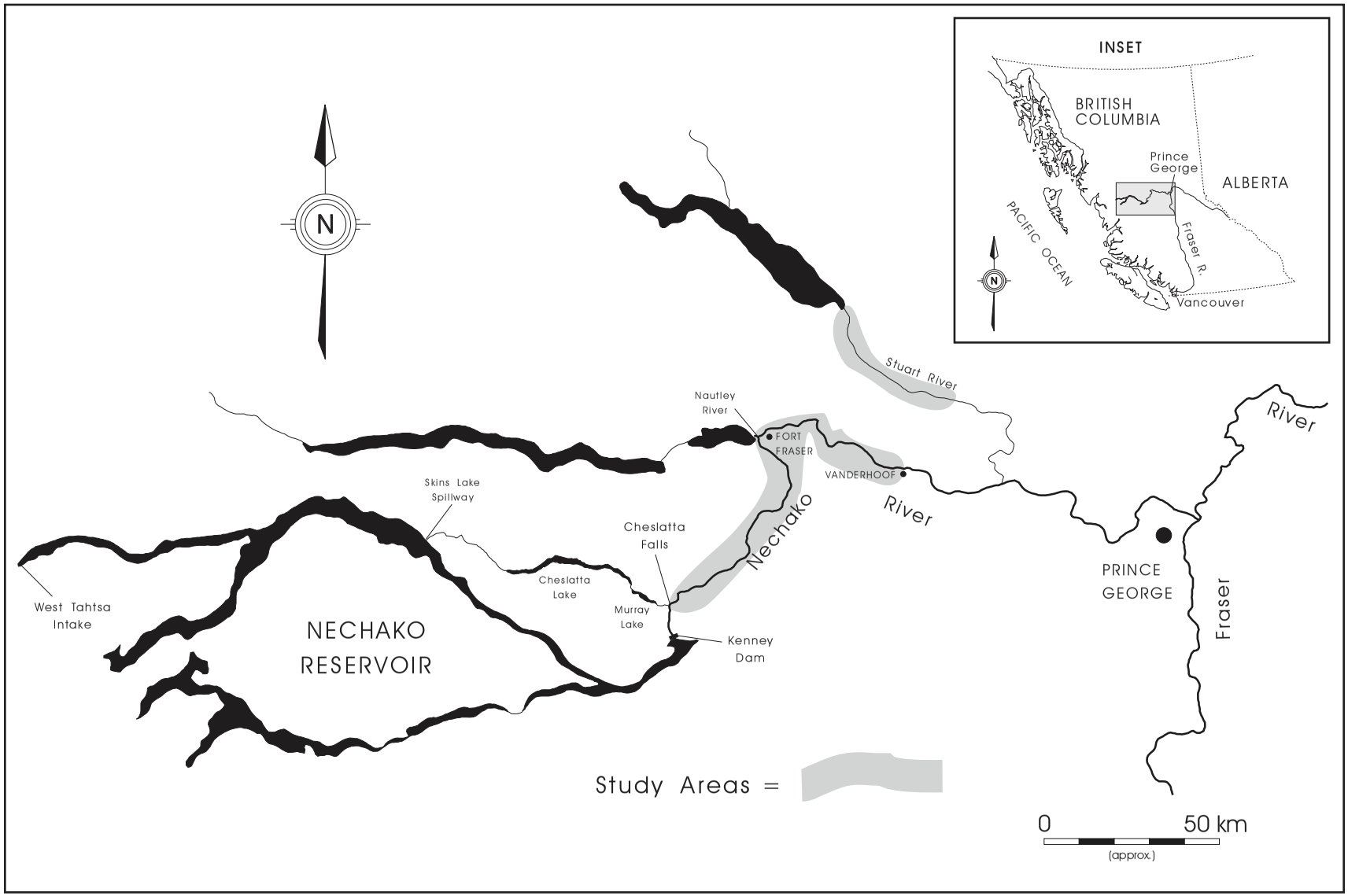


FIGURE 2 **Nechako River Chinook Spawning Study Area**

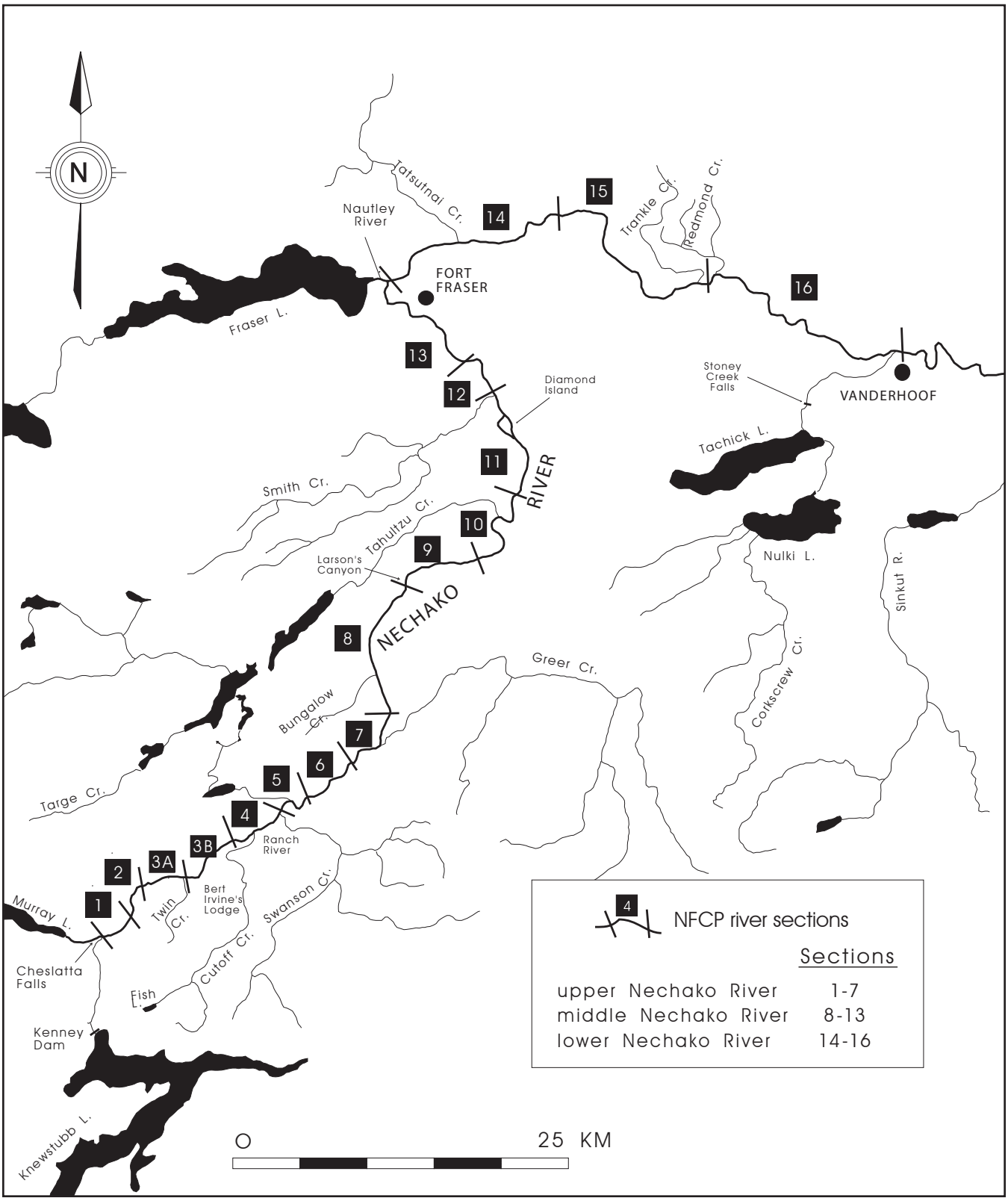
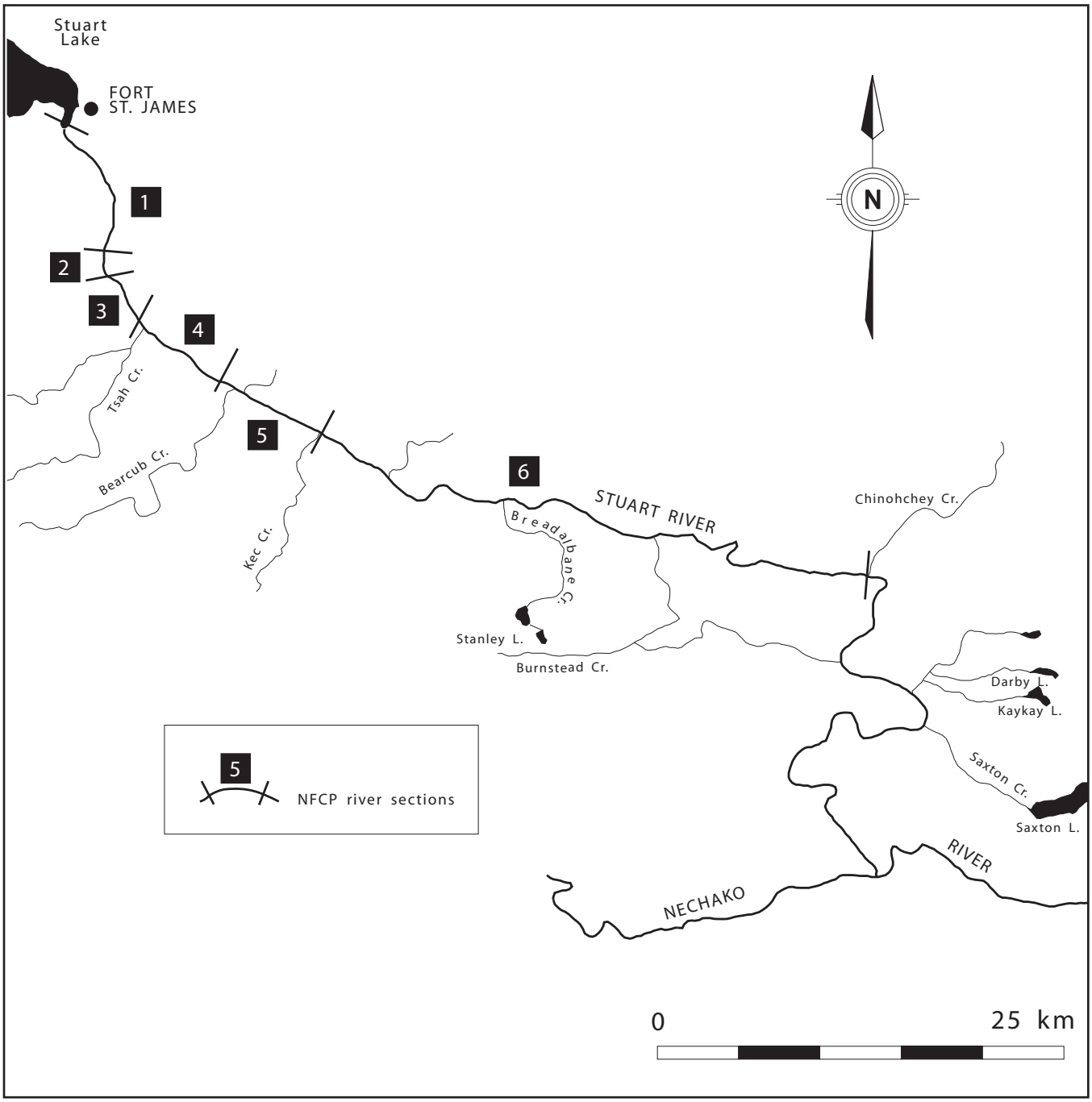


FIGURE 3 **Stuart River Chinook Spawning Study Area**



Sampling in the Stuart River was conducted from the outlet of Stuart Lake downstream to the confluence of Chinohchey Creek (Figure 3). Carcass sampling was conducted as part of the recovery portion of the mark-recapture enumeration program; all marked carcasses and representative portions of unmarked carcasses from each river section were sampled. In addition to inspecting carcasses for marks and tags applied as part of the mark-recapture program, crews inspected all carcasses recovered for adipose fin clips as an indicator of the success of releases from the Fort St. James hatchery. The target sample size was set at a minimum of 250 fish, slightly higher than the target for the Nechako since Stuart escapements are typically higher; however, basic information was collected from greater than 1,200 carcasses.

In each river, several sampling surveys were conducted throughout the period of die-off to ensure that both early and late spawners were represented in the samples. The surveys were conducted by running a jet boat downstream at low speed and recovering carcasses with a gaff. If the carcass was too badly decomposed or eaten by animals to measure body length or take scale samples, it was cut in half to prevent recounting and returned to the river. Each carcass was assigned a number and its location and date of recovery recorded. When a sufficient number of carcasses had been collected, the crew stopped to collect the following samples and biological information:

- **sex:** The sex of each fish was determined based on morphology, and confirmed by abdominal incision and internal examination.
- **condition:** Carcass condition was recorded as: 1) fresh; 2) fair to good; 3) poor with some fungus; or 4) partially decomposed but still able to be sampled. In addition, other observations were recorded, particularly the presence of net scars or lamprey marks.
- **post-orbital hypural length (POHL):** The distance from the posterior margin of the orbit to the flexure of the hypural plate in the caudal peduncle was recorded to the nearest millimeter.
- **egg retention and fecundity** – The body cavities of females were checked for eggs. All eggs were counted unless the number was greater than 1000, in which case they were estimated volumetrically. In the case of under-developed eggs which could not be separated and counted, the sample was recorded as a pre-spawn mortality with fully skeined eggs.
- **scales and fin rays:** Ten scales were taken from each processed carcass and stored in gummed, pre-numbered scale books. Five scales were taken from each side of the body in the preferred area (several rows above the lateral line between the posterior end of the dorsal fin and the anterior insertion of the anal fin). Care was taken to avoid regenerated, resorbed and irregular shaped scales. Dorsal fins from each carcass were removed with a knife, placed in pre-labeled plastic bags and frozen. Fish age was later determined by analysis of the scales and fin rays, conducted by staff at Fisheries and Oceans Canada (DFO) laboratory facilities.
- **adipose fin:** A missing adipose fin is evidence of a hatchery raised fish with a coded-wire tag implanted in its head. If the fin was missing, the head was removed and sent to an independent laboratory for tag removal and identification.

All processed carcasses were cut in half to prevent recounting and returned to the river.

RESULTS

Data collected from each Chinook carcass sampled in the Nechako and Stuart rivers in 1996 are presented in Appendices 1 and 2, respectively. Summaries of these data are provided in the respective sections below.

Nechako River

Between September 10th and October 3rd a total of 266[1] carcasses were sampled from 11 of the 16 identified Sections representing all 3 river areas – upper,

1 Any discrepancy between the total number of carcasses sampled and the reported number of carcasses for various parameters is due to the fact that only partial data were recorded for some carcasses. However, all carcasses were maintained in the dataset and any partial data that was recorded was used in the appropriate analyses.

middle and lower river (Table 1). The observed sex ratio was 1.74 F/M, or 63% females and 37% males (n=266). No Chinook jacks were collected. Of the carcasses sampled, 75% were fresh or only a few days old (Table 2).

TABLE 1 **Nechako River Chinook Carcass Recovery by Section, 1996**

Section	Number	Percent
UPPER NECHAKO		
Section 1	0	0.0
Section 2	0	0.0
Section 3	71	26.7
Section 4	63	23.7
Section 5	14	5.3
Section 6	16	6.0
Section 7	0	0.0
SUB-TOTAL	**164**	**61.7**
MIDDLE NECHAKO		
Section 8	0	0.0
Section 9	14	5.3
Section 10	17	6.4
Section 11	20	7.5
Section 12	29	10.9
Section 13	3	1.1
SUB-TOTAL	**83**	**31.2**
LOWER NECHAKO		
Section 14	1	0.4
Section 15	5	1.9
Section 16	13	4.9
SUB-TOTAL	**19**	**7.1**
TOTAL RIVER	**266**	**100.0**

TABLE 2 **Nechako River Chinook Carcass Condition, 1996**

Condition *	Number	Percent
1	79	29.7
2	120	45.1
3	60	22.6
4	7	2.6
TOTAL	**266**	**100.0**

* Carcass Condition
1 - Fresh carcass
2 - Fair to good carcass (2 - 3 days old)
3 - Poor carcass condition with some fungus
4 - Very old and decomposed carcass

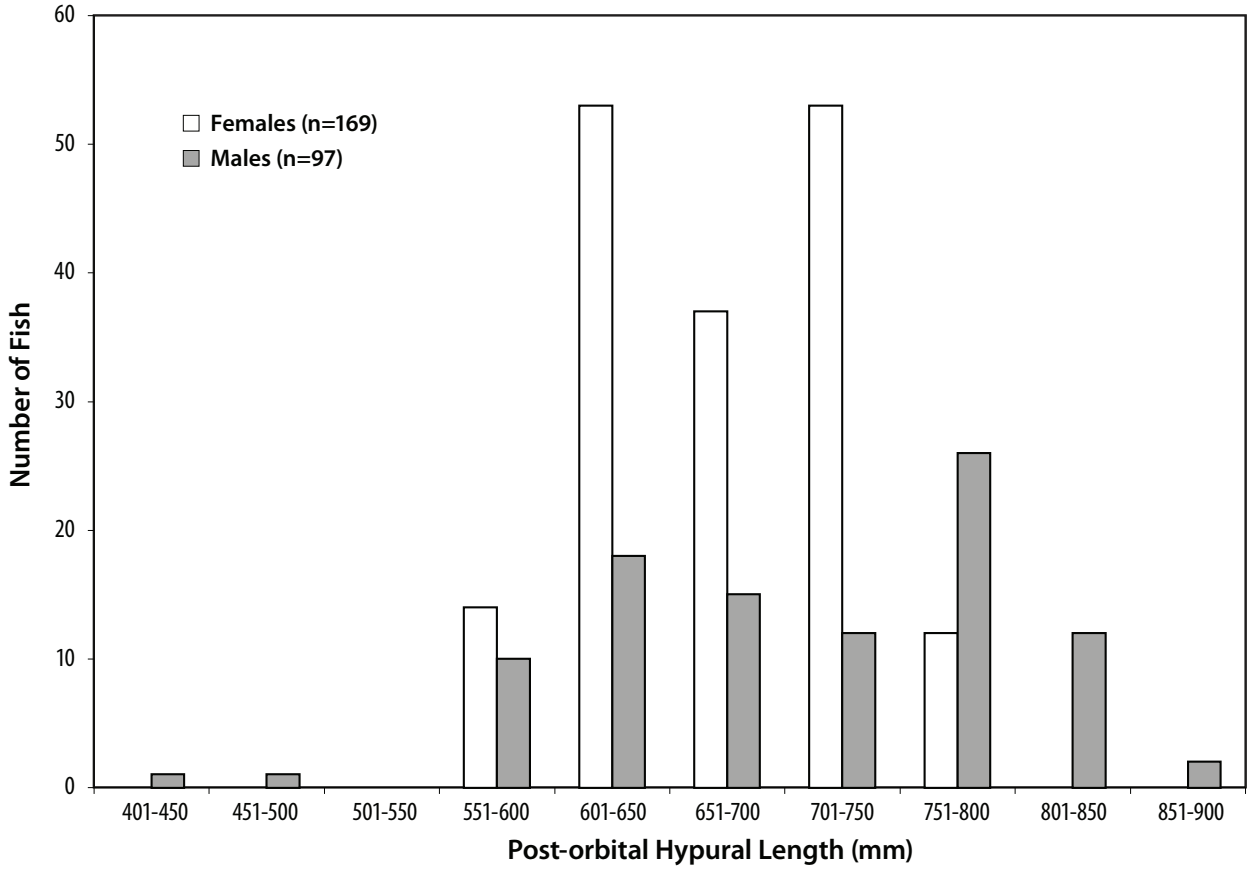
The length (POHL) of the fish sampled ranged from 445 to 870 mm, with a mean of 710 mm (n=97, SD=89) for males, 675 mm (n=169, SD=53) for females and 688 mm (n=266, SD=70) for all fish combined. The majority of females sampled ranged in size from 601-750 mm, while the majority of males were more evenly distributed across a wider range of 551-850 mm (Figure 4).

Of the total number of female carcasses sampled (n=169), 1 was found to be a pre-spawn mortality. The number of eggs remaining was not determined since the skeins were under-developed, prohibiting an individual egg count. Therefore, this individual was not included in the egg retention statistics reported below.

Of the total number of female carcasses sampled, 166 (98%) were determined to be fully spawned, based on egg retention of less than 1000. In addition, there were 2 partially spawned female carcasses (based on an egg retention of 1000-4999) with 1100 and 3600 eggs retained. The mean egg retention of the fully and partially spawned females was 34 eggs (n=168, SD=290, range 0-3600). Removing the partially spawned carcasses from the sample drops the mean egg retention to 6 eggs (n=166, SD=24, range 0-212).

Scale and fin samples from all 266 carcasses recovered from the Nechako River were sent to

FIGURE 4 **Nechako River Chinook Length Frequency Distribution, 1996**



the Pacific Biological Station in Nanaimo for age analysis. Complete ages were determined for 211 of those samples (Table 3). The results indicate that the majority of the fish sampled were of two age-classes, 5_2 (47%) and 4_2 (40%). A chi-square test was used to determine that the numbers of males and females in these age-classes were proportionate to the sex ratio of the sample (p=0.97).

TABLE 3 **Nechako River Chinook Age Contribution (%) by Sex, 1996**

	4_1	4_2	5_1	5_2	5_3	6_2	Total # Aged
Males	0.0	36.7	1.3	43.0	3.8	15.2	79
Females	0.8	42.4	0.0	49.2	1.5	6.1	132

One of the recovered Chinook had an adipose fin missing, potentially indicating hatchery origin. The head was removed and sent for analysis, but no coded wire tag was found it is likely that the missing adipose fin was a result of damage to the carcass as opposed to an applied mark. No other form of marking or tagging was observed on any other carcass.

In addition to NFCP data collection requirements, bioassay tissue samples were collected from 211 Chinook carcasses for DNA analysis, and 2 sockeye salmon carcasses were sampled upstream of Larson's Canyon to provide information on this river spawning population. These samples were collected at the request of staff from DFO's Pacific Biological Station and are not directly related to the NFCP sampling program, therefore the results are not documented in this report.

Stuart River

Between September 17th and October 3rd a total of 1245[2] carcasses were sampled from the six Zones (1 - 6) within the study area (Table 4). The observed sex ratio was 1.77 F/M, or 64% females and 36% males (n=1245). Of the 1245 carcasses with condition documented, 59% were fresh or only a few days old (Table 5).

TABLE 4 **Stuart River Chinook Carcass Recovery by Zone, 1996**

Zone	Number	Percent
1	68	5.5
2	54	4.3
3	193	15.5
4	432	34.7
5	142	11.4
6	356	28.6
TOTAL	**1245**	**100.0**

TABLE 5 **Stuart River Chinook Carcass Condition, 1996**

Condition *	Number	Percent
1	195	15.7
2	539	43.3
3	503	40.4
4	8	0.6
TOTAL	**1245**	**100.0**

* Carcass Condition
1 - Fresh carcass
2 - Fair to good carcass (2 - 3 days old)
3 - Poor carcass condition with some fungus
4 - Very old and decomposed carcass

In addition to the carcasses sampled for this project, sex was determined for all carcasses recovered as part of the mark-recapture enumeration project, and documented in the Nechako and Stuart Rivers Chinook Enumeration report (NFCP M96-1). This information is relevant to carcass sampling results presented in this report, and given the much larger sample size (n=2558) is likely more representative of the population as a whole. In addition, using the larger dataset eliminates the potential bias associated with the practice of sampling all marked carcasses (sampling for tag application might have a sex bias). The observed sex ratio for this larger sample was 1.65 F/M, or 62% females and 38% males (n=2558, including the carcasses selected for biological sampling).

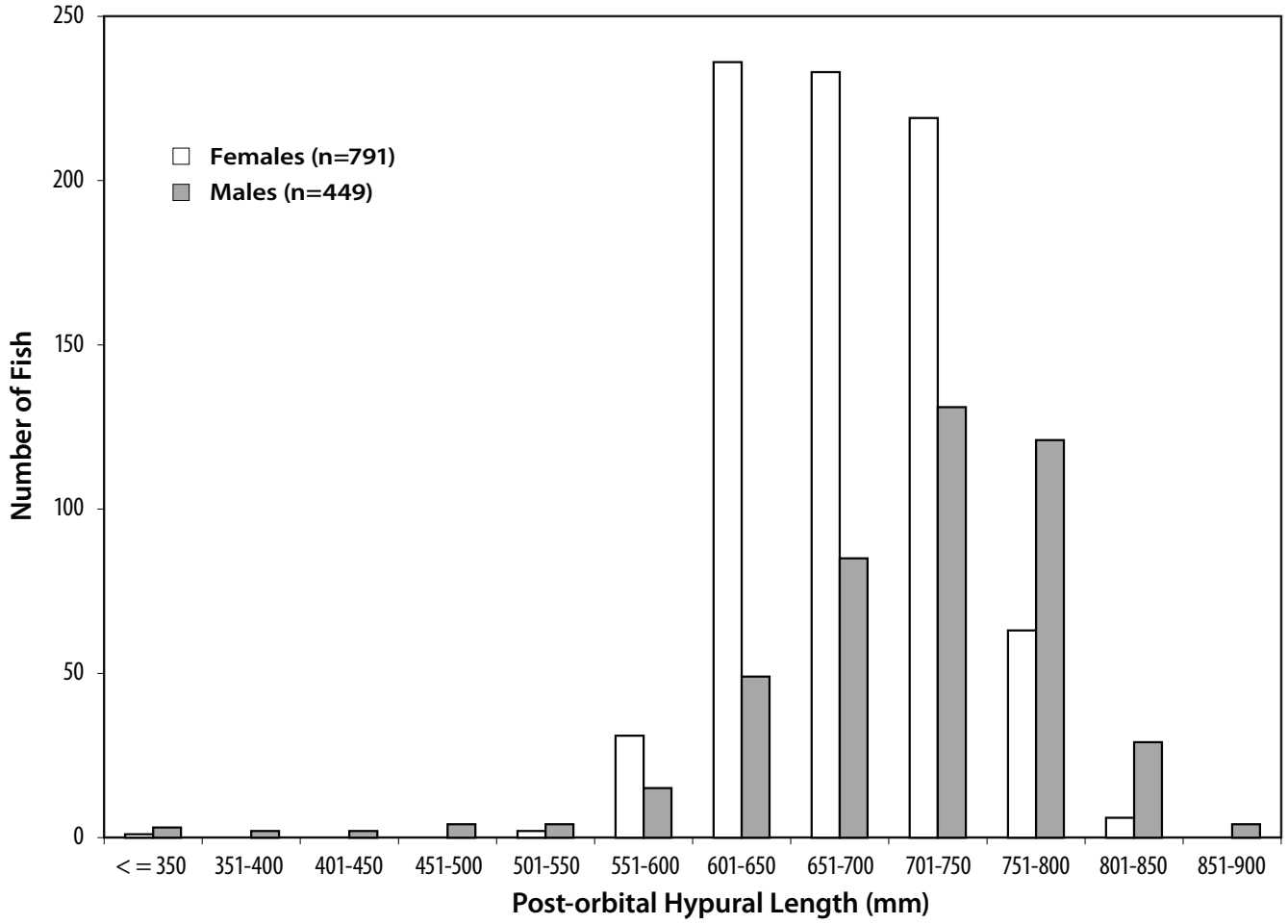
The length (POHL) of the fish sampled ranged from 330 to 878 mm, with a mean of 712 mm for males (n=449, SD=80), 679 mm for females (n=791, SD=53) and 691 mm (n=1240, SD=66) for all fish combined. The majority of males were distributed across a broad range of lengths (651-800 mm), with the majority in the 701-750 mm range (Figure 5). Compared to the males, the majority of females were smaller in size and within a range of 601-750 mm.

Of the total number of female carcasses sampled (n=795), 3 were found to be pre-spawn mortalities. The number of eggs remaining was not determined since the skeins were under-developed, prohibiting individual egg counts. Therefore, these individuals were not included in the egg retention statistics reported below.

Of the total number of female carcasses sampled, 789 (99%) were determined to be fully spawned, based on egg retention of less than 1000. In addition, there were 3 partially spawned female carcasses (based on an egg retention of 1000-4999) with a range of 2634-3396 eggs retained. The mean egg retention of the fully and partially spawned females was 23 eggs (n=792, SD=188, range 0–3396). Removing the partially spawned carcasses from the sample drops the mean egg retention to 12 eggs (n=789, SD=53, range 0–465).

2 Any discrepancy between the total number of carcasses sampled and the reported number of carcasses for various parameters is due to the fact that only partial data were recorded for some carcasses. However, all carcasses were maintained in the dataset and any partial data that was recorded was used in the appropriate analyses.

FIGURE 5 **Stuart River Chinook Length Frequency Distribution, 1996**



Scale and fin samples were collected from a sub-set of the 1245 carcasses recovered from the Stuart River and sent to the Pacific Biological Station in Nanaimo for age analysis. Complete ages were determined for 201 of those samples (Table 6). The results indicate that a vast majority of the fish sampled were of two age-classes, 5_2 (67%) and 4_2 (28%). The number of males and females in these age-classes were significantly disproportionate to the sex ratio of the sample (chi-square test, $p<0.002$).

Carcasses with clipped adipose fins, indicating that they were of hatchery origin, and with tags applied as part of the mark-recapture program were collected. However, these clips and tags are not relevant to the biological sampling project so those results are documented in the Nechako and Stuart Rivers Chinook Enumeration report (NFCP M96-1). No other form of marking or tagging was observed.

TABLE 6 **Stuart River Chinook Age Contribution (%) by Sex, 1996**

	4_1	4_2	5_1	5_2	6_2	Total # Aged
Males	5.3	16.8	0.0	76.8	1.1	**95**
Females	1.9	36.8	0.0	58.5	2.8	**106**

DISCUSSION - COMPARISON TO PREVIOUS YEARS

Nechako River

A comparison of 1996 Nechako River Chinook carcass recovery data was made to data collected by the NFCP each year since 1988 (NFCP M88-4 and M89-2 to M95-2). Although some limited data were collected prior to 1988 it was not deemed necessary to include these data in the comparison, since information has been collected by the NFCP for several years using standardized methods and study areas. The exception is the discussion on fecundity which includes data collected prior to the inception of the NFCP. This exception was made because the prior data adds substantially to the available dataset due to the paucity of information regarding Nechako River Chinook female fecundity.

The observed sex ratio of 1.74 F/M was higher than the existing range (1.10-1.52) observed from 1988-1995 (Figure 6), and significantly higher than the mean of 1.34 (n=8, SD=0.16), as indicated by 95% confidence limit of 1.23-1.45.

When comparing the mean length (POHL) of both males and females to observations from previous years, no obvious trends were apparent. For both sexes, the mean lengths observed in 1996 fell within the ranges observed in previous years (Figures 7 and 8).

FIGURE 6 **Nechako River Chinook Sex Ratio, 1988-1996**

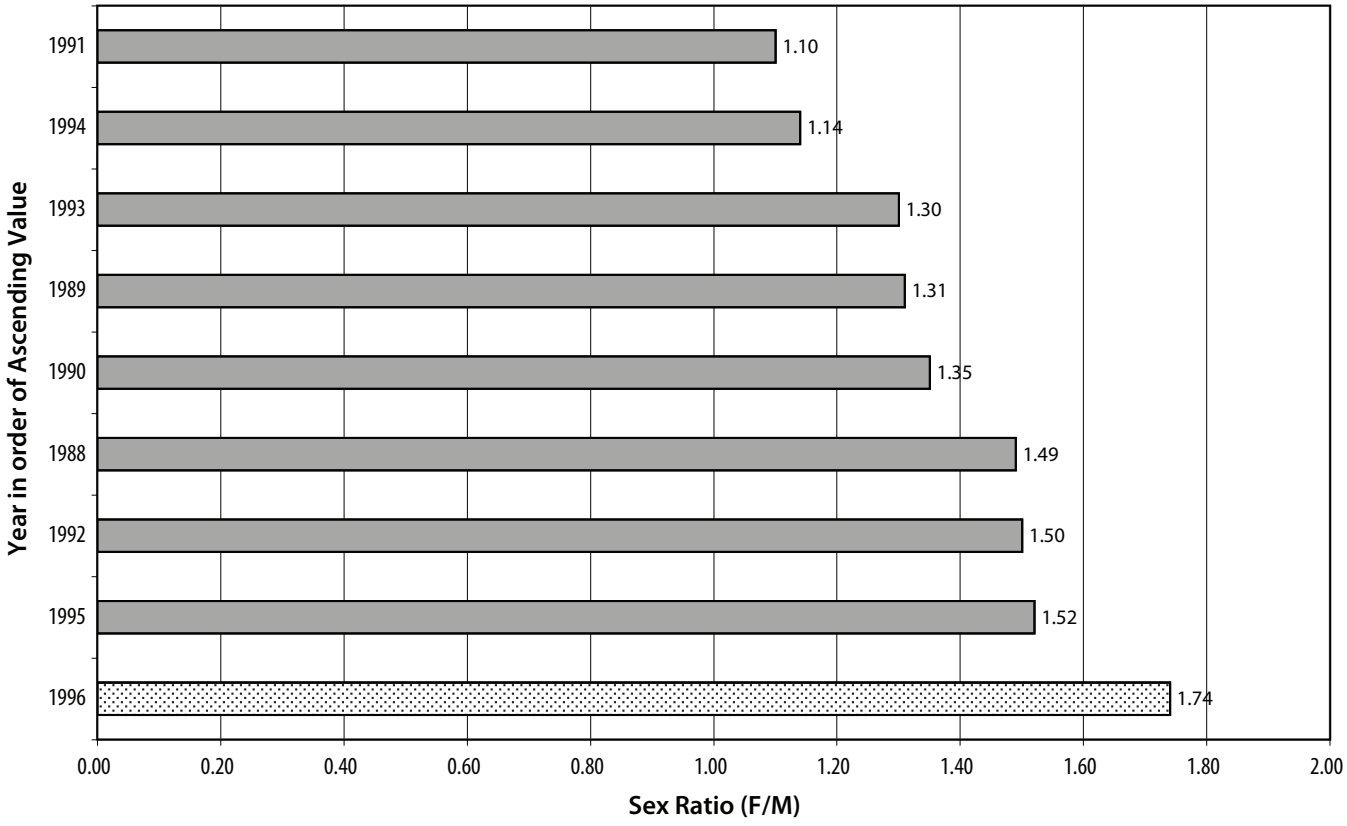


FIGURE 7 Nechako River Chinook Male Mean Length, 1988-1996

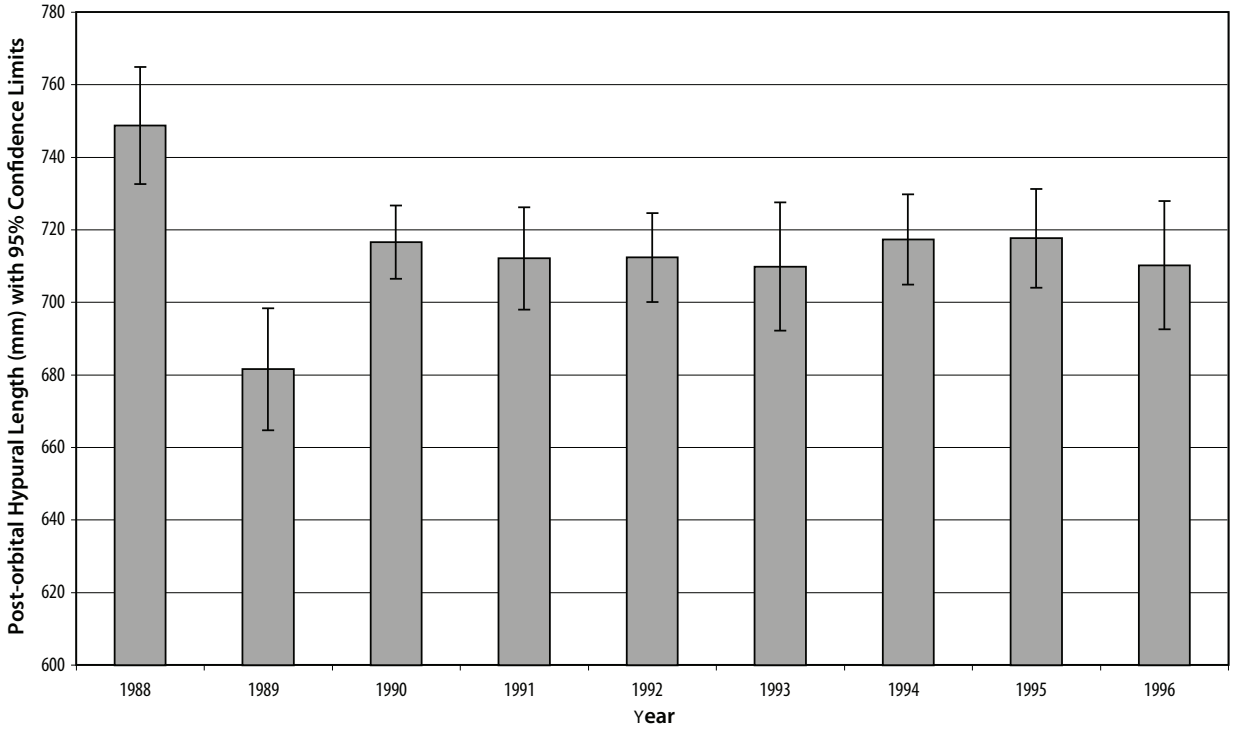
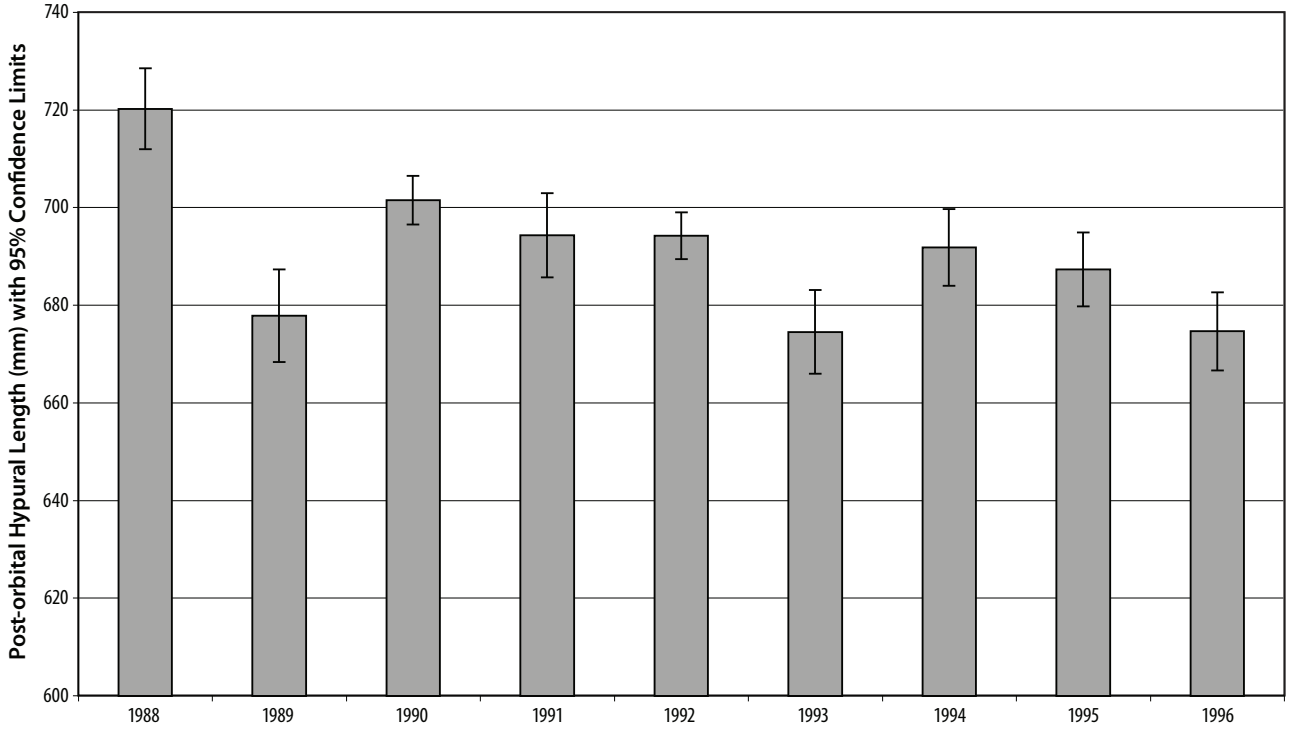


FIGURE 8 Nechako River Chinook Female Mean Length, 1988-1996



Although 1 female pre-spawn mortality was sampled, the number of eggs was not determined since the skeins were under-developed, prohibiting an individual egg count. The average fecundity of Nechako River female Chinook is estimated at 6204 eggs per fish (Table 7). Although no further analysis of this statistic is conducted for this report, this value may contribute to other aspects of the NFCP monitoring projects, particularly the estimates of egg-to-fry survival.

TABLE 7 **Nechako River Chinook Fecundity, 1978-1996**

Year	Post-orbital Hypural Length (mm)	Fecundity (eggs/ female)	Sources*	Cumulative Mean
1978	684	5250	1	
1978	663	6305	1	
1979	703	7200	2	
1979	611	5313	2	
1979	611	5284	2	
1980	710	5000	3	
1980	710	5000	3	
1985	760	6800	4	5769
1989	733	6073		
1989	695	5831		
1989	720	5500		
1989	730	5065		5718
1990	760	8831		
1990	730	7040		6035
1991	715	7289		
1991	710	6901		
1991	670	5714		6141
1992	680	7395		
1992	705	7111		6258
1993	690	6848		
1993	630	5705		
1993	720	5575		6229
1995	706	6750		
1995	712	5109		6204

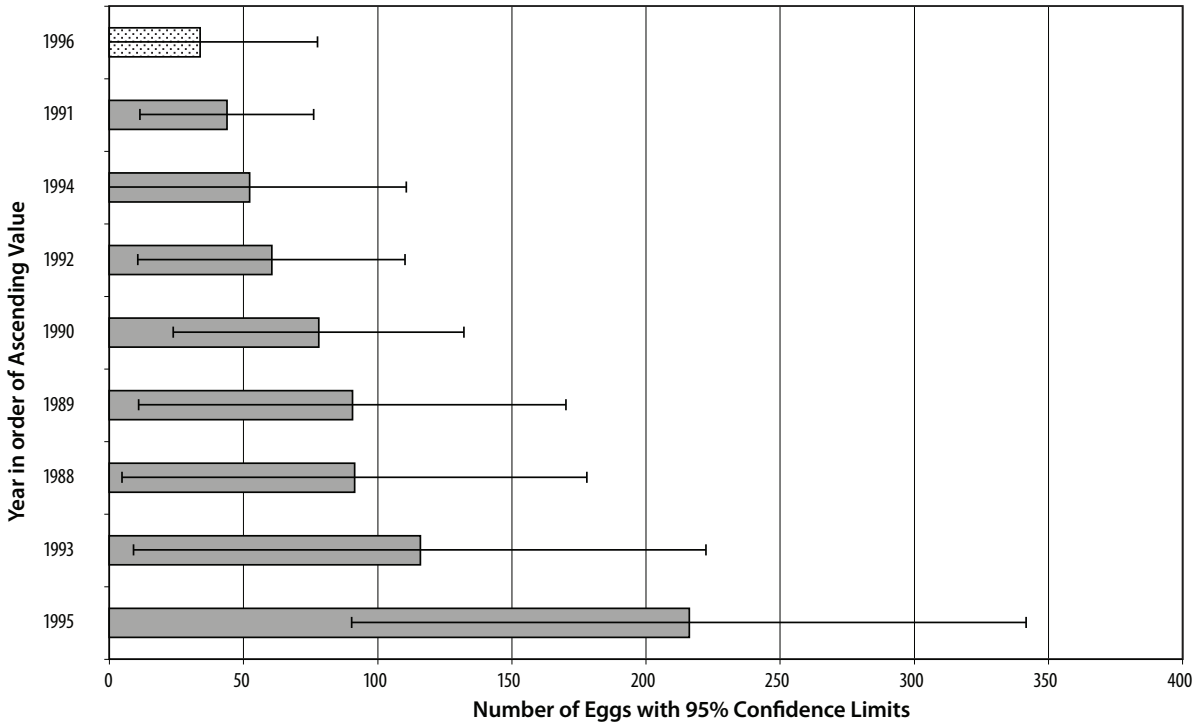
*Sources:
1 = Fee and Sheng (1978),
2 = Olmsted et al. (1980),
3 = Russell et al. (1983), and
4 = Jaremovic and Rowland (1988)

The mean egg retention in fully and partially spawned carcasses was compared to values from previous years (Table 8). Although the 1996 mean is the lowest observed, the large confidence limits make it difficult to assign any significance to this observation (Figure 9).

TABLE 8 **Nechako River Chinook Egg Retention, 1988-1996**

	Fully Spawned			Partially Spawned		Fully + Partially
Year	n	range	mean	n	range	mean
1988	123	0-500	11.5	4	1000-4320	91.4
1989	144	0-757	21.5	3	2760-3960	90.6
1990	226	0-982	40.7	2	4066-4503	78
1991	154	0-732	22.4	2	1383-2005	43.8
1992	219	0-862	20.2	3	1484-4021	60.5
1993	100	0-529	32.8	3	1045-4686	115.8
1994	90	0-249	10.7	2	1565-2272	52.2
1995	144	0-899	38.3	8	1613-4600	216.1
1996	166	0-212	5.8	2	1100-3600	33.7

FIGURE 9 **Nechako River Chinook Mean Egg Retention, 1988-1996**



The Nechako River Chinook spawning population is almost exclusively comprised of individuals that spend one or more years as a fry or parr in fresh water before migrating out to the ocean (stream-type life history), and is dominated by 4_2 and 5_2 age-classes. These have been consistent observations since the inception of the NFCP monitoring program. In 1996 age-classes 4_2 and 5_2 accounted for 87% of the return, with all stream-type fish accounting for 99% (Table 9).

TABLE 9 **Percent Contribution of Stream-type Life Histories to Nechako Chinook Escapements, 1988-1996**

	% Contribution		
Year	$4_2 + 5_2$	All Stream-type	Sample Size
1988	80	99	210
1989	81	97	200
1990	80	98	225
1991	68	96	210
1992	90	99	200
1993	85	100	188
1994	88	100	172
1995	97	99	207
1996	87	99	211

In addition to identifying life history strategies, age data combined with the current years' escapement estimate are used to determine the relative success of past brood years in generating subsequent returns to the river. Since this analysis requires the results of several years, age-at-return data since the inception of the NFCP is documented in Table 10 to facilitate the discussion in the Nechako and Stuart Rivers Chinook Enumeration report (NFCP M96-1).

TABLE 10 **Percent Contribution of Age-at-Return Groupings to Nechako Chinook Escapements, 1988-1996**

	% Contribution					
Year	3 years	4 years	5 years	6 years	7 years	Sample Size
1988	0.0	9.1	72.4	18.6	0.0	210
1989	1.0	30.0	52.5	15.5	1.0	200
1990	0.0	5.3	76.0	17.3	1.3	225
1991	1.0	16.7	54.3	25.7	2.4	210
1992	1.0	7.0	84.0	8.0	0.0	200
1993	0.0	13.3	71.8	14.9	0.0	188
1994	0.0	11.1	76.7	11.1	1.2	172
1995	0.0	14.0	84.5	1.4	0.0	207
1996	0.0	40.8	49.8	9.5	0.0	211

Stuart River

Information is collected from the Stuart River as a comparison to the Nechako River, to assist in identifying potential effects of flow regulation on the Nechako Chinook population. The geographic proximity of the two rivers means that Chinook returning to the Stuart River most likely experience similar migration timing, ocean conditions and harvest rates as Nechako River Chinook. Given these assumptions, identified trends or anomalies in the Nechako population that were absent from the Stuart might be attributable to factors intrinsic to the Nechako River, but similarities would likely indicate extrinsic factors unrelated to flow regulation.

In 1996, the comparison of information collected from the Nechako to previous years did not identify any significant trends or anomalies, therefore it was not necessary to use the information collected from the Stuart to identify possible intrinsic vs. extrinsic effects. However, the data are documented in this report in the event that longer-term analyses are required in the future.

ACKNOWLEDGMENTS

Peter Delaney, Jason Hwang and Roy Argue managed the delivery of the projects for DFO, on behalf of the NFCP Technical Committee.

Nechako River carcass recovery was conducted by Colin Barnard.

Stuart River carcass recovery was conducted by BioTerra Consulting Ltd. and members of the Nak'azdli Band.

J.O. Thomas & Associates Ltd. and staff at DFO's Pacific Biological Station in Nanaimo analyzed the various samples.

Rhonda Thibeault and Liz Murphy assisted with data compilation.

REFERENCES

Anonymous. 1987. Settlement Agreement between Alcan Aluminum Ltd., the Minister of Fisheries and Oceans and the Minister of Energy, Mines and Petroleum. Signed September 14, 1987 in Vancouver, BC.

Fee, P. and M. Sheng. 1978. Nechako River Chinook Fry and Spawning Survey. Unpublished manuscript prepared by Department of Fisheries and Oceans, Vancouver, BC.

Jaremovic, L. and D. Rowland. 1988. Review of Chinook Salmon Escapements in the Nechako River, British Columbia. Canadian Manuscript Report of Fisheries and Aquatic Sciences No. 1963.

NFCP. Nechako and Stuart Rivers Chinook Carcass Recovery 1988 to 1995. Nechako Fisheries Conservation Program Data Reports M88-4 and M89-2 to M95-2.

Olmsted, W.R., M. Whelan and G.A. Vigers. 1980. 1979 Investigations of Fall Spawning Chinook Salmon (Oncorhynchus tshawytscha)*, Nechako and Quesnel/Horsefly Rivers, B.C. Prepared by E.V.S. Consultants Ltd. North Vancouver, B.C. for the Department of Fisheries and Oceans.*

Russel, L.R., K.R. Conlin, O.K. Johansen and U. Orr. 1983. Chinook Salmon Studies on the Nechako River: 1980, 1981, 1982. Canadian Manuscript Report of Fisheries and Aquatic Sciences No. 1728.

APPENDIX 1

1996 Nechako River Chinook Carcass Recovery Project: Field Data and Ageing Results

APPENDIX 1

1996 Nechako River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
1	10-Sep-96	3B	M	2	680		85201	1	52	Head #1; ad. fin clip
2	10-Sep-96	3B	F	4	595	0	85201	2	42	
3	10-Sep-96	3B	F	4	585	0	85201	3	42	
4	10-Sep-96	3B	M	3	794		85201	4	62	
5	10-Sep-96	6	F	2	628	3600	85201	5	42	
6	11-Sep-96	10	F	2	680	1100	85202	1	52	
7	11-Sep-96	10	F	4	705	0	85202	2	52	
8	11-Sep-96	11	M	2	755		85202	3	52	
9	14-Sep-96	3A	F	2	690	0	85202	4	52	
10	14-Sep-96	3A	F	2	600	3	85202	5	42	
11	14-Sep-96	3A	F	1	610	1	85203	1	42	
12	14-Sep-96	3B	F	1	585	115	85203	2	42	
13	14-Sep-96	3B	M	1	775		85203	3	52	
14	14-Sep-96	3B	M	3	695		85203	4	52	
15	14-Sep-96	3B	F	2	735	8	85203	5	52	
16	14-Sep-96	3B	F	2	640	8	85204	1	42	
17	14-Sep-96	3B	F	1	645	2	85204	2	42	
18	14-Sep-96	3B	F	1	660	4	85204	3	42	
19	14-Sep-96	3B	F	3	640	skein	85204	4	42	Eggs undeveloped
20	15-Sep-96	11	F	2	685	0	85204	5	52	
21	15-Sep-96	11	F	2	600	50	85205	1	42	
22	15-Sep-96	11	F	3	665	212	85205	2	52	
23	15-Sep-96	12	M	2	845		85205	3	62	
24	15-Sep-96	12	M	2	615		85205	4	42	
25	16-Sep-96	14	F	2	630	0	85205	5	42	
26	16-Sep-96	15	F	2	630	0	85206	1	42	
27	16-Sep-96	15	F	1	640	30	85206	2	42	
28	16-Sep-96	15	M	2	815		85206	3	52	
29	16-Sep-96	15	M	3	775		85206	4	52	
30	16-Sep-96	16	M	1	635		85206	5	42	
31	16-Sep-96	16	F	1	705	0	85207	1	52	
32	16-Sep-96	16	F	2	725	4	85207	2	52	
33	16-Sep-96	15	F	2	640	170	85207	3	42	
34	17-Sep-96	3A	F	1	685	0	85207	4	52	
35	17-Sep-96	3A	F	1	640	0	85207	5	42	
36	17-Sep-96	3A	F	3	740	0	85208	1	62	

APPENDIX 1 (cont.)

1996 Nechako River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
37	17-Sep-96	3A	M	1	655		85208	2	42	
38	17-Sep-96	3B	M	2	770		85208	3	52	
39	17-Sep-96	3B	M	1	760		85208	4	52	
40	17-Sep-96	3B	F	3	610	0	85208	5	42	
41	17-Sep-96	3B	F	2	710	0	85209	1	52	
42	17-Sep-96	3B	F	1	650	0	85209	2	42	
43	17-Sep-96	4	F	2	660	0	85209	3	42	
44	17-Sep-96	4	F	2	690	4	85209	4	52	
45	17-Sep-96	4	M	2	695		85209	5	52	
46	17-Sep-96	4	M	2	735		85210	1	52	
47	17-Sep-96	4	M	2	610		85210	2	42	
48	17-Sep-96	4	M	1	785		85210	3	52	
49	17-Sep-96	4	M	1	610		85210	4	42	
50	19-Sep-96	4	F	2	575	9	85210	5	42	
51	19-Sep-96	4	F	1	685	0	85211	1	52	
52	19-Sep-96	4	M	2	640		85211	2	42	
53	19-Sep-96	5	M	1	590		85211	3	42	
54	19-Sep-96	5	F	2	730	3	85211	4	52	
55	19-Sep-96	5	F	1	670	1	85211	5	52	
56	19-Sep-96	5	M	1	630		85212	1	42	
57	19-Sep-96	5	M	3	445		85212	2	42	Jack
58	19-Sep-96	5	F	3	655	0	85212	3	52	
59	19-Sep-96	5	M	2	640		85212	4	42	
60	19-Sep-96	5	M	2	650		85212	5	42	
61	19-Sep-96	6	F	2	685	0	85213	1	42	
62	19-Sep-96	6	F	1	705	0	85213	2	52	
63	19-Sep-96	6	M	2	680		85213	3	52	
64	19-Sep-96	6	F	1	775	4	85213	4	62	
65	19-Sep-96	6	M	2	775		85213	5	62	
66	19-Sep-96	6	F	2	725	0	85214	1	52	
67	19-Sep-96	6	M	2	635		85214	2	42	
68	19-Sep-96	6	M	1	840		85214	3	62	
69	19-Sep-96	6	M	2	750		85214	4	52	
70	19-Sep-96	6	M	2	750		85214	5	52	
71	19-Sep-96	6	M	2	590		85215	1	42	

APPENDIX 1 (cont.)

1996 Nechako River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
72	19-Sep-96	6	M	1	765		85215	2	52	
73	19-Sep-96	6	F	1	730	0	85215	3	52	
74	19-Sep-96	6	F	1	720	4	85215	4	52	
75	19-Sep-96	6	F	1	710	2	85215	5	52	
76	21-Sep-96	9	F	2	735	0	85216	1	52	
77	21-Sep-96	9	F	2	740	0	85216	2	52	
78	21-Sep-96	9	M	2	680		85216	3	42	
79	21-Sep-96	9	F	3	720	5	85216	4	52	
80	21-Sep-96	9	F	3	755	0	85216	5	52	
81	21-Sep-96	9	F	3	660	6	85217	1	42	
82	21-Sep-96	9	M	4	785		85217	2	52	
83	21-Sep-96	9	M	3	750		85217	3	52	
84	21-Sep-96	9	F	2	720	0	85217	4	52	
85	21-Sep-96	9	F	2	655	0	85217	5	42	
86	21-Sep-96	9	F	3	660	0	85218	1	42	
87	21-Sep-96	9	F	3	610	0	85218	2	42	
88	21-Sep-96	9	F	1	715	21	85218	3	52	
89	21-Sep-96	9	F	1	615	1	85218	4	42	
90	21-Sep-96	10	M	2	560		85218	5	42	
91	21-Sep-96	10	F	1	730	0	85219	1	52	
92	21-Sep-96	10	M	2	805		85219	2	52	
93	21-Sep-96	10	F	3	720	0	85219	3	52	
94	21-Sep-96	10	F	1	750	0	85219	4	52	
95	21-Sep-96	10	F	2	675	0	85219	5	42	
96	21-Sep-96	10	F	2	745	0	85220	1	52	
97	21-Sep-96	10	F	1	715	0	85220	2	52	
98	21-Sep-96	10	M	2	755		85220	3	62	
99	21-Sep-96	10	M	3	785		85220	4	52	
100	21-Sep-96	10	M	1	755		85220	5	52	
101	21-Sep-96	10	M	1	590		85221	1	42	
102	21-Sep-96	10	F	1	700	0	85221	2	52	
103	21-Sep-96	10	M	2	760		85221	3	52	
104	21-Sep-96	11	F	1	765	0	85221	4	52	
105	21-Sep-96	11	F	2	640	0	85221	5	42	
106	21-Sep-96	11	F	2	770	0	85222	1	62	
107	21-Sep-96	11	M	2	825		85222	2	52	

APPENDIX 1 (cont.)

1996 Nechako River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
108	22-Sep-96	11	F	2	755	0	85222	3	52	
109	22-Sep-96	11	F	2	615	0	85222	4	42	
110	22-Sep-96	11	F	2	725	0	85222	5	52	
111	22-Sep-96	11	M	2	770		85223	1	52	
112	22-Sep-96	11	F	1	705	24	85223	2	52	
113	22-Sep-96	11	M	1	840		85223	3	62	
114	22-Sep-96	11	F	3	610	0	85223	4	42	
115	22-Sep-96	11	M	3	485		85223	5	42	Jack
116	22-Sep-96	11	F	2	680	0	85224	1	52	
117	22-Sep-96	11	F	1	780	0	85224	2	52	
118	22-Sep-96	12	F	1	705	32	85224	3	52	
119	22-Sep-96	12	F	2	675	0	85224	4	52	
120	22-Sep-96	12	F	2	635	0	85224	5	42	
121	23-Sep-96	12	F	1	620	0	85225	1	42	
122	23-Sep-96	12	F	2	620	2	85225	2	42	
123	23-Sep-96	12	F	2	630	0	85225	3	42	
124	23-Sep-96	12	F	1	610	3	85225	4	42	
125	23-Sep-96	12	F	2	610	1	85225	5	42	
126	23-Sep-96	12	F	1	690	0	85226	1	52	
127	23-Sep-96	12	F	2	730	0	85226	2	52	
128	23-Sep-96	12	F	1	760	26	85226	3	52	
129	23-Sep-96	12	F	1	595	1	85226	4	42	
130	23-Sep-96	12	M	1	585		85226	5	42	
131	23-Sep-96	12	F	2	590	0	85227	1	42	
132	23-Sep-96	12	F	2	610	2	85227	2	42	
133	23-Sep-96	12	M	1	655		85227	3	52	
134	23-Sep-96	12	F	2	735	0	85227	4	52	
135	23-Sep-96	12	M	2	810		85227	5	51	
136	23-Sep-96	12	M	3	780		85228	1	52	
137	23-Sep-96	12	M	3	840		85228	2	52	
138	23-Sep-96	12	M	2	700		85228	3	42	
139	23-Sep-96	12	M	2	595		85228	4	53	
140	23-Sep-96	12	M	3	670		85228	5	42	
141	23-Sep-96	12	F	3	785	0	85229	1	62	
142	24-Sep-96	16	F	3	670	2	85229	2	62	

APPENDIX 1 (cont.)

1996 Nechako River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
143	24-Sep-96	16	M	2	780		85229	3	52	
144	24-Sep-96	16	M	3	755		85229	4	52	
145	24-Sep-96	16	M	2	830		85229	5	62	
146	24-Sep-96	16	M	2	740		85230	1	52	
147	24-Sep-96	16	M	3	785		85230	2	62	
148	24-Sep-96	16	F	3	755	0	85230	3	41	
149	24-Sep-96	16	F	2	610	1	85230	4	53	
150	24-Sep-96	16	M	3	810		85230	5	62	
151	24-Sep-96	16	F	2	650	0	85231	1	42	
152	25-Sep-96	3A	M	3	750		85231	2	52	
153	25-Sep-96	3A	F	1	705	37	85231	3	52	
154	25-Sep-96	3A	M	2	610		85231	4	53	
155	25-Sep-96	3A	F	1	690	2	85231	5	52	
156	25-Sep-96	3A	F	1	620	0	85232	1	53	
157	25-Sep-96	3B	M	1	560		85232	2	42	
158	25-Sep-96	3B	F	2	620	0	85232	3	42	
159	25-Sep-96	3B	M	3	825		85232	4	62	
160	25-Sep-96	3B	F	2	695	0	85232	5	52	
161	25-Sep-96	3B	M	3	730		85233	1	52	
162	25-Sep-96	3B	F	2	715	0	85233	2	52	
163	25-Sep-96	3B	F	1	610	0	85233	3	42	
164	25-Sep-96	3B	F	3	605	0	85233	4	42	
165	25-Sep-96	3B	F	3	610	0	85233	5	42	
166	25-Sep-96	3B	M	1	600		85234	1	42	
167	25-Sep-96	3B	M	2	625		85234	2	42	
168	25-Sep-96	3B	F	1	620	0	85234	3	42	
169	25-Sep-96	3B	F	2	700	0	85234	4	42	
170	25-Sep-96	3B	F	1	655	0	85234	5	42	
171	25-Sep-96	3B	F	2	635	0	85235	1	42	
172	25-Sep-96	3B	F	2	680	0	85235	2	42	
173	25-Sep-96	3B	F	2	640	1	85235	3	42	
174	25-Sep-96	3B	F	1	715	0	85235	4	52	
175	25-Sep-96	3B	F	3	590	0	85235	5	42	
176	25-Sep-96	3B	M	2	810		85236	1	62	
177	25-Sep-96	3B	M	1	635		85236	2	42	

APPENDIX 1 (cont.)

1996 Nechako River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
178	25-Sep-96	3B	F	2	725	3	85236	3	52	
179	25-Sep-96	3B	M	1	725		85236	4	52	
180	25-Sep-96	3B	F	2	730	0	85236	5	52	
181	25-Sep-96	3B	F	1	750	0	85237	1	52	
182	25-Sep-96	3B	F	1	760	0	85237	2	62	
183	25-Sep-96	3B	F	3	585	0	85237	3	42	
184	25-Sep-96	3B	F	2	635	0	85237	4	42	
185	25-Sep-96	3B	F	1	720	2	85237	5	52	
186	25-Sep-96	3B	M	1	635		85238	1	52	
187	25-Sep-96	3B	F	2	695	0	85238	2	52	
188	25-Sep-96	3B	F	2	595	0	85238	3	42	
189	25-Sep-96	3B	F	2	710	0	85238	4	52	
190	25-Sep-96	3B	F	2	755	6	85238	5	62	
191	25-Sep-96	3B	F	2	610	0	85239	1	42	
192	25-Sep-96	4	F	3	710	0	85239	2	52	
193	25-Sep-96	4	F	3	730	0	85239	3	52	
194	25-Sep-96	4	M	3	595		85239	4	42	
195	25-Sep-96	4	M	3	560		85239	5	42	
196	25-Sep-96	4	M	2	620		85240	1	42	
197	25-Sep-96	4	M	2	800		85240	2	62	
198	25-Sep-96	4	F	2	730	0	85240	3	52	
199	25-Sep-96	4	M	2	625		85240	4	42	
200	25-Sep-96	4	M	1	640		85240	5	42	
201	27-Sep-96	4	F	1	720	1			n/a	
202	27-Sep-96	4	F	1	590	2			n/a	
203	27-Sep-96	4	F	2	600	0			n/a	
204	27-Sep-96	4	M	3	760				n/a	
205	27-Sep-96	4	M	2	690				n/a	
206	27-Sep-96	4	F	3	615	0			n/a	
207	27-Sep-96	4	F	2	660	0			n/a	
208	27-Sep-96	5	F	3	715	2			n/a	
209	27-Sep-96	5	M	3	680				n/a	
210	27-Sep-96	5	M	2	785				n/a	
211	27-Sep-96	5	F	1	705	0			n/a	
212	27-Sep-96	5	F	1	745	0			n/a	

APPENDIX 1 (cont.)

1996 Nechako River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
213	27-Sep-96	5	F	1	645	1			n/a	
214	29-Sep-96	11	F	2	655	3			n/a	
215	29-Sep-96	11	M	2	785				n/a	
216	29-Sep-96	12	M	3	790				n/a	
217	29-Sep-96	12	F	3	645	3			n/a	
218	29-Sep-96	12	F	2	615	0			n/a	
219	29-Sep-96	13	F	2	650	2			n/a	
220	29-Sep-96	13	M	3	675				n/a	
221	29-Sep-96	13	F	1	685	12			n/a	
222	30-Sep-96	4	F	1	670	0			n/a	
223	30-Sep-96	4	F	2	715	0			n/a	
224	30-Sep-96	4	F	2	725	0			n/a	
225	30-Sep-96	4	F	3	665	1			n/a	
226	30-Sep-96	4	F	2	630	1			n/a	
227	30-Sep-96	4	F	3	630	0			n/a	
228	30-Sep-96	4	F	4	560	0			n/a	
229	30-Sep-96	4	F	4	665	31			n/a	
230	30-Sep-96	4	M	3	745				n/a	
231	30-Sep-96	4	F	3	640	0			n/a	
232	30-Sep-96	4	M	2	870				n/a	
233	30-Sep-96	4	M	4	665				n/a	
234	30-Sep-96	4	F	1	700	2			n/a	
235	30-Sep-96	4	M	1	780				n/a	
236	30-Sep-96	4	F	2	705	2			n/a	
237	30-Sep-96	4	M	2	620				n/a	
238	30-Sep-96	4	F	2	650	0			n/a	
239	30-Sep-96	4	F	1	650	0			n/a	
240	30-Sep-96	4	F	1	625	2			n/a	
241	30-Sep-96	4	F	1	675	0			n/a	
242	30-Sep-96	4	F	1	690	1			n/a	
243	30-Sep-96	4	F	1	625	0			n/a	
244	30-Sep-96	4	M	3	745				n/a	
245	30-Sep-96	4	F	3	625	0			n/a	
246	30-Sep-96	4	M	2	645				n/a	
247	30-Sep-96	4	F	3	605	0			n/a	

APPENDIX 1 (cont.)

1996 Nechako River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
248	30-Sep-96	4	F	3	725	6			n/a	
249	30-Sep-96	4	M	3	745				n/a	
250	30-Sep-96	4	F	2	640	0			n/a	
251	30-Sep-96	4	F	3	760	0			n/a	
252	30-Sep-96	4	M	3	765				n/a	
253	30-Sep-96	4	F	3	735	0			n/a	
254	1-Oct-96	10	M	3	860				n/a	
255	3-Oct-96	3B	M	2	680				n/a	
256	3-Oct-96	3B	F	2	725	0	85241	1	52	
257	3-Oct-96	3B	F	3	705	0	85241	2	52	
258	3-Oct-96	3B	M	2	740		85241	3	52	
259	3-Oct-96	3B	M	2	655		85241	4	53	
260	3-Oct-96	3B	F	2	705	2	85241	5	52	
261	3-Oct-96	3B	F	1	700	1	85242	1	52	
262	3-Oct-96	4	F	1	750	0	85242	2	52	
263	3-Oct-96	4	F	2	730	0	85242	3	42	
264	3-Oct-96	4	F	1	625	2	85242	4	52	
265	3-Oct-96	4	F	2	745	4	85242	5	62	
266	3-Oct-96	4	F	2	610	65	85243	1	52	

APPENDIX 2

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

APPENDIX 2

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
2	17-Sep-96	2	F	2	737	1	89625	2	52	
2	17-Sep-96	3	F	2	655	0	42665	2	52	
3	17-Sep-96	3	M	2	686		89625	3	N/A	
3	17-Sep-96	3	M	2	750		42665	3	S2	
4	17-Sep-96	3	M	2	710		42665	4	52	
4	17-Sep-96	3	M	2	762		89625	4	62	
5	18-Sep-96	4	F	2	682	0	42665	5	52	Crew#1
5	17-Sep-96	4	M	2	787		89625	5	S2	
6	18-Sep-96	4	M	2	700		42666	1	52	
6	17-Sep-96	4	M	2	737		89626	1	S2	
7	17-Sep-96	4	M	2	749		89626	2	52	
7	19-Sep-96	4	M	2	758		42666	2	3M	Soft
8	19-Sep-96	4	F	2	695	0	42666	3	52	
8	17-Sep-96	4	M	2	762		89626	3	52	
9	19-Sep-96	4	F	2	745	0	42666	4	52	
9	17-Sep-96	4	F	2	660	54	89626	4	52	
10	19-Sep-96	4	F	2	725	0	42666	5	3M	
10	17-Sep-96	4	F	2	660	14	89626	5	N/A	
11	19-Sep-96	4	F	2	708	0	42667	1	52	
11	17-Sep-96	4	M	2	826		89627	1	N/A	
12	19-Sep-96	4	F	2	720	0	42667	2	52	partially eaten
12	17-Sep-96	4	M	2	749		89627	2	52	
13	19-Sep-96	4	F	2	700	416	42667	3	52	
13	17-Sep-96	4	F	2	622	12	89627	3	N/A	
14	19-Sep-96	4	F	3	667	0	42667	4	42	
14	17-Sep-96	4	F	2	800	0	89627	4	N/A	bearkill; adipose fin clip
15	20-Sep-96	1	F	3	738	0	42667	5	52	partially eaten, team 1
15	17-Sep-96	4	M	2	419		89627	5	N/A	
16	20-Sep-96	1	F	3	682	0	42668	1	52	partially eaten
16	17-Sep-96	4	F	2	737	0	89628	1	52	
17	20-Sep-96	1	M	1	690		42668	2	52	
17	17-Sep-96	4	F	2	762	0	89628	2	52	
18	20-Sep-96	1	M	2	750		42668	3	52	
18	17-Sep-96	4	M	2	775		89628	3	52	
19	20-Sep-96	3	M	2	740		42668	4	52	1 side scales missing
19	17-Sep-96	4	M	2	787		89628	4	N/A	
20	20-Sep-96	3	F	3	765	0	42668	5	52	soft
20	17-Sep-96	4	M	2	851		89628	5	S2	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
21	20-Sep-96	3	F	2	690	0	42669	1	N/A	hatchery; adipose fin clip
21	18-Sep-96	5	M	2	654		89629	1	S2	Crew#2
22	20-Sep-96	3	F	3	665	0	42669	2	52	soft
22	18-Sep-96	5	F	1	622	skein	89629	2	S2	eggs in 1.5 skeines
23	18-Sep-96	5	M	3	749		89629	3	41	
23	20-Sep-96	3	M	2	783		42669	3	52	
24	20-Sep-96	3	M	3	731		42669	4	52	soft
24	18-Sep-96	5	M	2	787		89629	4	52	
25	18-Sep-96	5	M	2	845		89629	5	41	
25	20-Sep-96	3	M	3	772		42669	5	52	soft,white
26	20-Sep-96	3	F	3	692	252	42670	1	52	soft
26	18-Sep-96	6	F	2	765	36	89630	1	4M	
27	20-Sep-96	3	M	3	782		42670	2	52	netmarks
27	18-Sep-96	6	M	2	714		89630	2	N/A	
28	20-Sep-96	3	F	2	732	0	42670	3	52	
28	18-Sep-96	6	M	2	742		89630	3	N/A	
29	20-Sep-96	4	F	2	652	0	42670	4	52	
29	18-Sep-96	6	F	2	709	72	89630	4	4M	
30	20-Sep-96	4	F	2	621	0	42670	5	52	white
30	18-Sep-96	6	F	2	721	14	89630	5	3M	
31	19-Sep-96	6	M	2	565		42653	1	42	
31	20-Sep-96	4	F	2	660	13	42671	1	N/A	white
32	19-Sep-96	6	F	2	664	0	42653	2	42	
32	20-Sep-96	4	M	3	740		42671	2	52	soft
33	20-Sep-96	4	F	3	745	6	42671	3	N/A	soft
33	19-Sep-96	6	F	2	748	0	42653	3	N/A	
34	20-Sep-96	4	F	2	744	0	42671	4	N/A	
34	19-Sep-96	6	F	2	724	0	42653	4	N/A	
35	20-Sep-96	4	M	2	771		42671	5	52	white
35	19-Sep-96	6	M	2	747		42653	5	52	
36	20-Sep-96	4	F	2	597	1	42672	1	N/A	
36	19-Sep-96	6	M	2	673		42652	1	N/A	
37	19-Sep-96	6	M	2	756		42652	2	3M	
37	20-Sep-96	4	M	2	753				N/A	
38	19-Sep-96	5	M	2	754		42652	3	52	
38	20-Sep-96	4	F	3	764	0	42672	2	N/A	
39	20-Sep-96	4	M	2	663				N/A	
39	19-Sep-96	5	M	2	719				N/A	fish damaged

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
40	19-Sep-96	5	M	2	707		42652	4	41	
40	20-Sep-96	4	F	3	732	0			N/A	
41	19-Sep-96	5	M	2	597		42652	5	42	
41	20-Sep-96	4	F	2	745				N/A	
42	19-Sep-96	5	F	2	744	0	42651	1	52	
42	20-Sep-96	4	M	2	761		42673	1	N/A	
43	20-Sep-96	4	F	1	655	0			N/A	
43	19-Sep-96	5	F	2	728	102	42651	2	N/A	
44	19-Sep-96	5	F	2	608	0	42651	3	42	
44	20-Sep-96	4	M	3	683				N/A	
45	19-Sep-96	5	F	2	691	2	42651	4	3M	
45	20-Sep-96	4	M	3	708				N/A	
46	19-Sep-96	5	M	2	644		42651	5	52	
46	20-Sep-96	4	M	2	702				N/A	WHITE
47	20-Sep-96	2	F	2	643	3	42654	1	N/A	Team #2
47	20-Sep-96	4	F	3	640	0			N/A	WHITE
48	20-Sep-96	2	M	2	651		42654	2	N/A	
48	20-Sep-96	4	F	2	671	1			N/A	
49	20-Sep-96	2	F	2	651	11	42654	3	N/A	
49	20-Sep-96	4	F	3	637	0			N/A	partially eaten
50	20-Sep-96	2	M	2	590		42654	4	42	Ran #2 lont?
50	20-Sep-96	4	F	3	743	0	42673	2	N/A	
51	20-Sep-96	4	M	3	755		42673	3	52	
51	20-Sep-96	2	M	2	515		42654	5	S2	
52	20-Sep-96	4	F	2	698	0			N/A	
52	20-Sep-96	3	F	2	676	0	42655	1	S2	
53	20-Sep-96	3	F	2	729	0	42655	2	42	
53	20-Sep-96	4	M	3	700				N/A	
54	20-Sep-96	3	M	2	770		42655	3	52	
54	20-Sep-96	4	F	1	625	0			N/A	
55	20-Sep-96	3	M	2	658		42655	4	41	
55	20-Sep-96	4	M	2	593				N/A	
56	20-Sep-96	3	M	2	658		42655	5	52	
56	20-Sep-96	4	F	3	710	0			N/A	
57	20-Sep-96	4	M	2	752		42656	1	52	
57	20-Sep-96	4	F	1	689	0			N/A	
58	20-Sep-96	4	F	2	753	0	42656	2	52	
58	20-Sep-96	4	M	2	755				N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
59	20-Sep-96	4	F	2	721	1	42656	3	N/A	
59	20-Sep-96	4	F	3	711	0			N/A	
60	20-Sep-96	4	F	2	745	3	42656	4	N/A	
60	20-Sep-96	4	M	1	663				N/A	
61	20-Sep-96	4	F	2	699	0	42656	5	N/A	
61	20-Sep-96	4	F	2	670	0			N/A	
62	20-Sep-96	4	M	2	728		42657	1	N/A	
62	20-Sep-96	4	F	3	718	0			N/A	
63	20-Sep-96	4	M	2	772		42657	2	N/A	
63	20-Sep-96	4	F	3	700	0			N/A	
64	20-Sep-96	4	M	2	721		42657	3	3M	
64	20-Sep-96	4	F	2	745	0			N/A	
65	20-Sep-96	4	M	2	790		42673	4	52	
65	20-Sep-96	4	M	2	698		42657	4	3M	
66	20-Sep-96	4	F	3	693	0			N/A	
66	20-Sep-96	4	M	2	509		42657	5	S2	
67	20-Sep-96	4	M	2	724		42658	1	52	
67	20-Sep-96	4	F	1	662	0			N/A	
68	20-Sep-96	4	M	2	840		42658	2	N/A	
68	20-Sep-96	4	M	2	784				N/A	
69	20-Sep-96	4	M	2	755		42658	3	52	
69	20-Sep-96	4	M	1	612				N/A	
70	20-Sep-96	4	M	2	696		42658	4	N/A	
70	20-Sep-96	4	M	3	777				N/A	
71	20-Sep-96	4	F	2	737	0	42658	5	3M	
71	20-Sep-96	4	M	2	628				N/A	
72	20-Sep-96	4	M	2	689		42659	1	42	
72	20-Sep-96	4	M	3	754		42673	5	52	same # used 2x from field data
72	20-Sep-96	4	M	3	752				N/A	
73	20-Sep-96	4	F	2	638	0	42659	2	N/A	
73	20-Sep-96	4	F	2	704	65			N/A	white small eggs
74	20-Sep-96	4	F	3	705	0	42614	1	N/A	
74	20-Sep-96	4	M	2	714		42659	3	N/A	
75	20-Sep-96	4	M	3	840		42614	2	N/A	
75	20-Sep-96	4	F	2	645	0	42659	4	N/A	
76	20-Sep-96	4	F	2	709	0	42659	5	N/A	
76	20-Sep-96	4	F	2	732	0			N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
77	20-Sep-96	4	F	2	736	8	42660	1	3M	
77	20-Sep-96	4	M	3	715				N/A	
78	20-Sep-96	4	M	2	681		42660	2	52	
78	20-Sep-96	4	M	1	625		42614	3	N/A	net marks
79	20-Sep-96	4	F	2	621	6	42660	3	42	
79	20-Sep-96	4	M	3	330				N/A	JACK
80	20-Sep-96	4	F	2	758	0	42660	4	52	
80	20-Sep-96	4	F	3	723	0	42614	4	N/A	
81	20-Sep-96	4	F	2	771	0	42660	5	N/A	
81	20-Sep-96	4	F	2	696	2634			N/A	272 eggs/100ml 860 ml total
82	20-Sep-96	4	M	2	673		42614	5	N/A	
82	21-Sep-96	5	M	2	749		42661	1	N/A	
83	21-Sep-96	5	F	3	721	1	42675	1	52	team #1
83	21-Sep-96	5	F	2	610	0	42661	2	N/A	
84	21-Sep-96	5	M	2	823		42675	2	52	
84	21-Sep-96	5	F	2	620	0	42661	3	N/A	
85	21-Sep-96	5	F	2	707	0	42675	3	52	
85	21-Sep-96	5	F	3	695	0	42661	4	N/A	
86	21-Sep-96	5	M	2	647		42675	4	42	
86	21-Sep-96	5	M	2	685		42661	5	42	
87	21-Sep-96	5	M	2	742		42675	5	52	tag missing
87	21-Sep-96	6	M	2	813		42662	1	52	
88	21-Sep-96	6	M	1	713		42662	2	3M	
88	21-Sep-96	5	F	3	740	0	42676	1	N/A	white
89	21-Sep-96	6	M	2	670		42662	3	42	
89	21-Sep-96	5	M	1	698		42676	2	52	
90	21-Sep-96	5	M	1	852		42676	3	N/A	white
90	21-Sep-96	6	F	1	768	0	42662	4	N/A	
91	21-Sep-96	5	F	3	600	0	42676	4	42	white
91	21-Sep-96	6	M	1	695		42662	5	42	
92	21-Sep-96	5	F	2	628	3	42676	5	N/A	
92	21-Sep-96	6	M	2	669		42663	1	N/A	
93	21-Sep-96	5	M	1	783		42677	1	52	
93	21-Sep-96	6	F	1	647	0	42663	2	52	
94	21-Sep-96	5	F	3	787	0	42677	2	62	
94	21-Sep-96	6	F	3	738	89	42663	3	N/A	
95	21-Sep-96	5	F	1	758	30	42677	3	52	
95	21-Sep-96	6	M	3	763		42663	4	52	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
96	21-Sep-96	5	M	3	745		42677	4	52	
96	21-Sep-96	6	F	1	732	18	42663	5	N/A	
97	21-Sep-96	5	M	1	730		42678	1	52	
97	21-Sep-96	6	F	2	653	0	42664	1	N/A	
98	21-Sep-96	6	F	2	735	316	42664	2	N/A	
98	21-Sep-96	5	F	3	605	368	42677	5	S1	
99	21-Sep-96	6	M	1	739		42664	3	52	
99	21-Sep-96	5	M	3	752		42678	2	N/A	
100	21-Sep-96	6	M	2	763		42664	4	52	
100	21-Sep-96	5	M	3	705		42678	3	N/A	
101	21-Sep-96	5	F	2	696	0	42678	4	52	
101	21-Sep-96	6	M	3	766		42664	5	52	Team #2 cont'd
102	22-Sep-96	1	M	2	739		42685	1	52	team #2
102	21-Sep-96	5	M	2	718		42678	5	52	white
103	21-Sep-96	5	M	2	765		42679	1	3M	
103	22-Sep-96	1	F	2	675	10	42685	2	N/A	poor visibility
104	22-Sep-96	1	F	2	634	3	42685	3	42	
104	21-Sep-96	5	F	1	638	2	42679	2	42	
105	22-Sep-96	1	F	2	803	21	42685	4	62	
105	21-Sep-96	5	F	3	670	0	42679	3	S2	tag missing
106	22-Sep-96	2	M	2	697		42685	5	42	
106	21-Sep-96	5	M	3	834		42679	4	N/A	
107	21-Sep-96	5	M	3	722		42679	5	N/A	
107	22-Sep-96	2	F	3	668	21	42686	1	S2	
108	22-Sep-96	2	F	3	726	8	42686	2	52	
108	21-Sep-96	5	F	2	650	0	42680	1	N/A	
109	22-Sep-96	3	F	1	581	0	42686	3	2M	
109	21-Sep-96	5	M	2	688		42680	2	N/A	
110	22-Sep-96	3	F	1	605	0	42686	4	42	
110	21-Sep-96	5	M	2	778		42680	3	42	
111	21-Sep-96	5	F	3	697	0	42680	4	52	white
111	22-Sep-96	3	F	1	684	0	42686	5	3M	
112	22-Sep-96	3	M	2	745		42687	1	N/A	hatchery; adipose fin clip
112	21-Sep-96	5	M	1	460		42680	5	N/A	JACK
113	21-Sep-96	5	M	1	604		42681	1	42	
113	22-Sep-96	3	F	2	584	0	42687	2	N/A	
114	21-Sep-96	5	F	3	695	0	42681	2	52	white
114	22-Sep-96	3	F	2	609	8	42687	3	N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
115	22-Sep-96	3	F	2	610	2	42687	4	N/A	
115	21-Sep-96	5	M	2	653		42681	3	S2	net marks
116	21-Sep-96	5	M	1	725		42681	4	3M	
116	22-Sep-96	3	M	3	741		42687	5	N/A	
117	21-Sep-96	5	M	3	700		42681	5	52	
117	22-Sep-96	3	F	2	696	0			N/A	
118	22-Sep-96	3	M	2	688				N/A	
118	21-Sep-96	6	M	2	694				N/A	
119	22-Sep-96	3	F	3	624	0			N/A	
119	21-Sep-96	6	M	2	725				N/A	
120	22-Sep-96	3	M	2	791				N/A	
120	21-Sep-96	6	M	3	605		42682	1	N/A	
121	22-Sep-96	3	M	3	754				N/A	
121	21-Sep-96	6	M	3	708		42682	2	N/A	
122	22-Sep-96	3	M	3	728				N/A	
122	21-Sep-96	6	M	3	772		42682	3	N/A	
123	23-Sep-96	6	M	2	763		85154	1	52	team #2
123	21-Sep-96	6	M	2	783		42682	4	N/A	
124	23-Sep-96	6	F	2	616	0	85154	2	N/A	
124	21-Sep-96	6	F	1	730	0	42682	5	N/A	
125	23-Sep-96	6	F	2	642	9	85154	3	N/A	
125	21-Sep-96	6	M	2	540				N/A	JACK
126	23-Sep-96	6	F	2	659	0	85154	4	N/A	
126	21-Sep-96	6	M	2	751				N/A	
127	23-Sep-96	6	M	3	712		85154	5	N/A	
127	21-Sep-96	6	F	1	620	3			N/A	WHITE
128	22-Sep-96	6	F	1	748	0	42683	4	52	Team #1
128	23-Sep-96	6	F	2	728	0	85155	1	N/A	
129	23-Sep-96	6	F	2	721	125	85155	2	42	
129	22-Sep-96	6	M	2	696		42683	5	N/A	
130	22-Sep-96	6	F	3	649	0	42684	1	42	
130	23-Sep-96	6	M	2	656		85155	3	N/A	
131	23-Sep-96	6	M	2	706		85155	4	52	
131	22-Sep-96	6	M	3	670		42684	2	S2	
132	22-Sep-96	6	M	3	788		42684	3	52	
132	23-Sep-96	6	M	3	635		85155	5	N/A	
133	23-Sep-96	6	M	3	790		85156	1	52	
133	22-Sep-96	6	F	3	630	89	42684	4	N/A	white

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
134	23-Sep-96	6	M	3	766		85156	2	52	
134	22-Sep-96	6	M	2	712		42684	5	N/A	white
135	23-Sep-96	6	F	2	620	0	85156	3	42	
135	22-Sep-96	6	M	3	605				N/A	NO SCALES
136	23-Sep-96	6	F	2	780	36	85156	4	52	
136	22-Sep-96	6	M	1	686				N/A	
137	23-Sep-96	6	F	3	779	0	85156	5	52	
137	22-Sep-96	6	F	2	676	0			N/A	
138	22-Sep-96	6	F	4	727	0			N/A	
138	23-Sep-96	6	F	3	660	0	85157	1	S2	
139	22-Sep-96	6	M	3	739				N/A	
139	23-Sep-96	6	F	2	660	0	85157	2	S2	
140	23-Sep-96	6	F	3	660	0	85157	3	2M	
140	22-Sep-96	6	M	2	782				N/A	
141	22-Sep-96	6	M	4	798				N/A	rotten
141	23-Sep-96	6	M	2	725		85157	4	S2	
142	23-Sep-96	6	F	2	703	46	85157	5	52	
142	22-Sep-96	6	M	3	830		85151	1	4M	white
143	22-Sep-96	6	F	1	657	0			N/A	WHITE
143	23-Sep-96	6	F	2	623	7	85158	1	S2	
144	22-Sep-96	6	F	1	727	0			N/A	WHITE
144	23-Sep-96	6	F	2	711	0	85158	2	S2	
145	23-Sep-96	6	F	2	658	130	85158	3	42	
145	22-Sep-96	6	F	1	770	0	85151	2	N/A	adipose fin clip
146	23-Sep-96	6	F	2	738	0	85158	4	3M	
146	22-Sep-96	6	M	2	725		85151	3	N/A	
147	23-Sep-96	6	F	3	759	0	85158	5	3M	
147	22-Sep-96	6	M	2	775		85151	4	N/A	
148	23-Sep-96	6	F	2	737	15	85159	1	52	
148	22-Sep-96	6	F	3	633	0	85151	5	N/A	
149	23-Sep-96	6	F	2	762	2	85159	2	52	
149	22-Sep-96	6	M	3	818				N/A	
150	23-Sep-96	6	F	2	682	0	85159	3	42	
150	22-Sep-96	6	F	3	583	0	85152	1	N/A	white w/o scales
151	23-Sep-96	6	F	2	643	5	85159	4	42	
151	22-Sep-96	6	F	3	622	0			N/A	WHITE, NO SCALES
152	23-Sep-96	6	F	2	645	5	85159	5	42	
152	22-Sep-96	6	M	3	776		85152	2	N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
153	22-Sep-96	6	M	3	808		85152	3	52	
153	23-Sep-96	6	M	2	749		85160	1	N/A	
154	22-Sep-96	6	M	3	721		85152	4	52	
154	23-Sep-96	6	M	2	807		85160	2	S2	
155	23-Sep-96	6	M	3	816		85160	3	52	
155	22-Sep-96	6	F	3	692	0			N/A	WHITE
156	23-Sep-96	6	M	2	704		85160	4	52	
156	22-Sep-96	6	M	3	620				N/A	
157	22-Sep-96	6	M	3	782		85152	5	52	
157	23-Sep-96	6	M	2	739		85160	5	52	
158	23-Sep-96	6	F	2	705	0	85161	1	3M	
158	22-Sep-96	6	F	3	645	89			N/A	
159	23-Sep-96	6	F	2	723	0	85161	2	3M	
159	22-Sep-96	6	M	3	742				N/A	
160	23-Sep-96	6	F	2	644	0	85161	3	42	
160	22-Sep-96	6	M	3	710				N/A	
161	22-Sep-96	6	F	1	688	2			N/A	
161	23-Sep-96	6	F	3	674	0	85161	4	S2	
162	23-Sep-96	6	F	3	638	23	85161	5	42	
162	22-Sep-96	6	M	3	645				N/A	
163	22-Sep-96	6	M	3	721				N/A	
163	23-Sep-96	6	M	2	643		85162	1	S2	
164	23-Sep-96	6	F	2	743	0	85162	2	52	
164	22-Sep-96	6	M	3	800				N/A	ROTTEN
165	22-Sep-96	6	M	3	773				N/A	ROTTEN
165	23-Sep-96	6	M	3	737		85162	3	S2	
166	22-Sep-96	6	F	3	710	0			N/A	
166	23-Sep-96	6	M	3	633		85162	4	S2	
167	23-Sep-96	6	F	2	804	0	85162	5	52	
167	22-Sep-96	6	M	3	653		85153	1	N/A	
168	23-Sep-96	6	M	2	809		85163	1	3M	
168	22-Sep-96	6	M	3	665				N/A	
169	23-Sep-96	6	F	3	742	0	85163	2	52	
169	22-Sep-96	6	M	3	778				N/A	
170	23-Sep-96	6	F	2	684	0	85163	3	42	
170	22-Sep-96	6	M	3	790				N/A	
171	23-Sep-96	6	F	2	683	400	85163	4	42	
171	22-Sep-96	6	M	3	672				N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
172	23-Sep-96	6	M	3	803		85163	5	52	
172	22-Sep-96	6	M	3	744				N/A	ROTTEN
173	23-Sep-96	6	F	2	697	0	85164	1	52	
173	22-Sep-96	6	M	2	735		85153	2	N/A	
174	23-Sep-96	6	F	2	727	0	85164	2	52	
174	22-Sep-96	6	F	3	739	15			N/A	WHITE
175	23-Sep-96	6	F	2	739	0	85164	3	52	
175	22-Sep-96	6	M	3	807				N/A	
176	23-Sep-96	6	F	2	670	0	85164	4	42	
176	22-Sep-96	6	M	3	795		85153	3	N/A	
177	22-Sep-96	6	M	1	628		85153	4	S2	
177	23-Sep-96	6	F	2	705	0	85164	5	S2	
178	23-Sep-96	6	M	2	746		85165	1	N/A	
178	22-Sep-96	6	M	2	732				N/A	
179	23-Sep-96	6	M	2	795		85165	2	52	
179	22-Sep-96	6	M	3	682				N/A	
180	23-Sep-96	6	M	2	748		85165	3	52	
180	22-Sep-96	6	M	1	773		85153	5	N/A	
181	22-Sep-96	6	M	3	813				N/A	
181	23-Sep-96	6	M	3	719		85165	4	S2	
182	23-Sep-96	6	M	3	709		85165	5	52	
182	22-Sep-96	6	M	3	775				N/A	
183	23-Sep-96	6	M	3	853		85166	1	3M	
183	22-Sep-96	6	M	3	652				N/A	
184	23-Sep-96	6	M	2	828		85166	2	52	
184	22-Sep-96	6	M	3	752		85153	6	N/A	
185	23-Sep-96	6	M	2	805		85166	3	52	
185	22-Sep-96	6	F	3	663	0			N/A	ROTTEN
186	23-Sep-96	1	M	2	764		85166	4	52	
186	23-Sep-96	1	F	1	695	18	85179	1	N/A	
187	23-Sep-96	1	M	2	725		85166	5	52	
187	23-Sep-96	1	M	2	688				N/A	
188	23-Sep-96	1	F	2	695	0	85167	1	52	
188	23-Sep-96	1	F	1	626	0	85179	2	N/A	white
189	23-Sep-96	1	F	3	611	450	85179	3	N/A	white
189	23-Sep-96	1	F	3	607	0	85167	2	S2	
190	23-Sep-96	1	F	1	606	0	85179	4	N/A	
190	23-Sep-96	1	F	3	650	0	85167	3	S2	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
191	23-Sep-96	1	F	3	742	7	85167	4	42	
191	23-Sep-96	1	F	1	747	0	85179	5	N/A	
192	23-Sep-96	1	F	2	630	0	85167	5	42	
192	23-Sep-96	1	F	1	689	0			N/A	
193	23-Sep-96	1	F	1	638	0			N/A	
193	23-Sep-96	1	F	2	691	8	85168	1	S2	
194	23-Sep-96	1	F	2	678	49	85168	2	N/A	
194	23-Sep-96	1	F	1	645	280			N/A	
195	23-Sep-96	1	F	2	709	0	85168	3	52	tag missing
195	23-Sep-96	1	F	1	692	25			N/A	
196	23-Sep-96	2	F	2	762	0	85168	4	62	
196	23-Sep-96	2	F	1	600	0	85180	1	N/A	poor visibility in this reach
197	23-Sep-96	2	F	2	759	0	85168	5	52	
197	23-Sep-96	2	F	3	789	10	85180	2	N/A	
198	23-Sep-96	3	F	3	672	1	85180	3	N/A	white
198	23-Sep-96	3	F	3	737	0	85169	1	S2	
199	23-Sep-96	3	F	3	650	0	85169	2	3M	
199	23-Sep-96	3	F	3	715	0			N/A	
200	23-Sep-96	3	F	2	739	0	85169	3	N/A	
200	23-Sep-96	3	F	3	596	0			N/A	white
201	23-Sep-96	3	F	2	665	0	85169	4	3M	
201	23-Sep-96	3	F	1	620	0	85180	4	N/A	
202	23-Sep-96	3	F	3	663	0	85169	5	42	
202	23-Sep-96	3	F	3	631	1			N/A	WHITE
203	23-Sep-96	3	F	2	798	0	85170	1	52	
203	23-Sep-96	3	M	3	732				N/A	
204	23-Sep-96	3	F	2	709	0	85170	2	52	
204	23-Sep-96	3	F	1	681	0	85180	5	N/A	
205	23-Sep-96	3	F	2	657	0	85170	3	42	
205	23-Sep-96	3	M	1	540				N/A	
206	23-Sep-96	3	F	2	705	0	85170	4	42	
206	23-Sep-96	3	F	3	632	0			N/A	
207	23-Sep-96	3	F	3	731	0	85170	5	52	
207	23-Sep-96	3	F	2	645	0			N/A	
208	23-Sep-96	3	M	2	701		85171	1	52	
208	23-Sep-96	3	F	1	654	0			N/A	
209	23-Sep-96	3	F	2	711	0	85171	2	N/A	
209	23-Sep-96	3	F	1	662	0			N/A	WHITE

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
210	23-Sep-96	3	F	3	628	0	85171	3	42	
210	23-Sep-96	3	F	2	662	1			N/A	
211	23-Sep-96	3	F	3	617	0	85171	4	42	
211	23-Sep-96	3	M	1	757				N/A	
212	23-Sep-96	3	F	2	721	0	85171	5	52	
212	23-Sep-96	3	M	2	725				N/A	
213	23-Sep-96	3	F	1	723	0			N/A	
213	23-Sep-96	4	M	2	498				N/A	JACK
214	23-Sep-96	3	M	3	682				N/A	
214	23-Sep-96	4	M	3	449				N/A	JACK
215	23-Sep-96	3	M	3	733				N/A	
215	23-Sep-96	4	M	2	476				N/A	JACK
216	24-Sep-96	5	M	2	648		85172	1	3M	Team #2
216	23-Sep-96	3	F	1	618	0			N/A	WHITE
217	24-Sep-96	5	M	2	787		85172	2	52	
217	23-Sep-96	3	F	1	618	0			N/A	WHITE
218	24-Sep-96	5	M	2	741		85172	3	52	
218	23-Sep-96	3	F	3	764	10			N/A	
219	24-Sep-96	5	M	2	739		85172	4	52	
219	23-Sep-96	3	F	1	652	0			N/A	
220	24-Sep-96	5	M	2	788		85172	5	3M	
220	23-Sep-96	3	F	1	663	1			N/A	WHITE
221	23-Sep-96	3	F	3	634	0			N/A	WHITE
221	24-Sep-96	5	M	3	758		85173	1	N/A	
222	24-Sep-96	5	M	3	747		85173	2	52	
222	23-Sep-96	3	M	2	770				N/A	
223	23-Sep-96	3	F	1	740	8			N/A	
223	24-Sep-96	5	M	3	791		85173	3	N/A	missed #217A
224	24-Sep-96	5	M	3	707		85173	4	42	
224	23-Sep-96	3	M	3	600				N/A	
225	23-Sep-96	3	M	3	632				N/A	
225	24-Sep-96	5	M	3	815		85173	5	N/A	
226	24-Sep-96	5	M	3	718		85174	1	42	
226	23-Sep-96	3	M	2	689				N/A	
227	23-Sep-96	3	F	1	712	354			N/A	
227	24-Sep-96	5	M	3	788		85174	2	N/A	
228	24-Sep-96	5	M	2	787		85174	3	52	
228	23-Sep-96	3	F	3	653	0			N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
229	23-Sep-96	3	F	3	712	15			N/A	WHITE
229	24-Sep-96	5	M	2	798		85174	4	N/A	
230	23-Sep-96	3	M	3	757				N/A	
230	24-Sep-96	5	M	2	686		85174	5	N/A	
231	24-Sep-96	5	F	2	691	0	85175	1	52	
231	23-Sep-96	3	F	1	670	0			N/A	
232	24-Sep-96	5	F	3	743	0	85175	2	3M	
232	23-Sep-96	3	F	3	608	0			N/A	
233	24-Sep-96	5	F	3	689	0	85175	3	42	
233	23-Sep-96	3	F	2	744	0			N/A	WHITE
234	24-Sep-96	5	F	2	652	0	85175	4	52	
234	23-Sep-96	3	F	2	716	55			N/A	
235	23-Sep-96	3	F	2	776	5			N/A	
235	24-Sep-96	5	F	2	693	0	85175	5	N/A	
236	23-Sep-96	3	F	2	725	0			N/A	
236	24-Sep-96	5	F	3	645	0	85176	1	N/A	
237	24-Sep-96	5	F	2	645	0	85176	2	42	
237	23-Sep-96	3	M	3	654				N/A	
238	23-Sep-96	3	F	2	725	0	85181	1	N/A	hatchery, white; adipose fin clip
238	24-Sep-96	5	F	2	624	0	85176	3	N/A	
239	24-Sep-96	4	M	1	611		85181	2	42	Team #1clear
239	24-Sep-96	5	F	3	647	0	85176	4	42	
240	24-Sep-96	4	M	2	788				N/A	
240	24-Sep-96	5	F	3	776	0	85176	5	N/A	
241	24-Sep-96	4	F	1	651	0	85181	3	N/A	white
241	24-Sep-96	5	F	3	729	0	85177	1	N/A	
242	24-Sep-96	5	F	2	652	0	85177	2	52	
242	24-Sep-96	4	F	2	650	0	85181	4	N/A	
243	24-Sep-96	4	F	2	732	0			N/A	
243	24-Sep-96	5	F	3	697	0	85177	3	N/A	
244	24-Sep-96	4	F	2	716	0			N/A	
244	24-Sep-96	5	F	2	743	0	85177	4	N/A	
245	24-Sep-96	5	F	3	635	0	85177	5	52	
245	24-Sep-96	4	F	2	615	0			N/A	WHITE
246	24-Sep-96	5	F	2	761	0	85178	1	52	
246	24-Sep-96	4	F	2	674	0			N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
247	24-Sep-96	4	M	1	645		85181	5	42	
247	24-Sep-96	5	F	2	662	0	85178	2	42	
248	24-Sep-96	5	F	2	774	0	85178	3	52	
248	24-Sep-96	4	F	1	598	0			N/A	WHITE
249	24-Sep-96	5	F	2	686	0	85178	4	42	plus # 13199
249	24-Sep-96	4	F	1	729	20	85182	1	52	white
250	24-Sep-96	4	F	3	611	0			N/A	
250	24-Sep-96	5	F	2	691	1	85178	5	N/A	sunk before sampling
251	24-Sep-96	4	M	2	718				N/A	
251	24-Sep-96	5	F	2	637	0	42687	1	N/A	
252	24-Sep-96	4	F	2	718	0			N/A	WHITE
252	24-Sep-96	5	F	2	708	23	42687	2	N/A	Hatchery; adipose fin clip
253	24-Sep-96	4	M	2	774		85182	2	52	
253	24-Sep-96	5	F	2	689	0	42687	3	N/A	
254	24-Sep-96	4	F	3	681	0			N/A	ROTTEN
254	24-Sep-96	5	F	2	687	0	42687	4	N/A	
255	24-Sep-96	5	F	2	645	0	42687	5	42	
255	24-Sep-96	4	F	2	691	0			N/A	
256	24-Sep-96	6	M	2	724		42688	1	3M	Team #2
256	24-Sep-96	4	F	2	680	0	85182	3	N/A	
257	24-Sep-96	6	F	2	630	0	42688	2	42	
257	24-Sep-96	4	F	2	635	0			N/A	
258	24-Sep-96	6	M	2	672		42688	3	52	
258	24-Sep-96	4	F	2	641	0			N/A	
259	24-Sep-96	6	F	2	699	0	42688	4	52	
259	24-Sep-96	4	F	1	657	10			N/A	
260	24-Sep-96	4	F	3	671	0			N/A	ROTTEN
260	24-Sep-96	6	M	2	711		42688	5	N/A	
261	24-Sep-96	4	F	1	630	0	85182	4	42	
261	24-Sep-96	6	M	3	648		42689	1	N/A	
262	24-Sep-96	6	M	3	691		42689	2	52	
262	24-Sep-96	4	F	1	730	3			N/A	
263	24-Sep-96	4	F	3	718	0			N/A	
263	24-Sep-96	6	F	2	753	2	42689	3	N/A	
264	24-Sep-96	4	F	1	645	0			N/A	
264	24-Sep-96	6	M	3	728		42689	4	N/A	
265	24-Sep-96	4	F	2	700	0			N/A	
265	24-Sep-96	6	M	2	608		42689	5	N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
266	24-Sep-96	6	F	2	640	6	42690	1	42	
266	24-Sep-96	4	F	3	690	0			N/A	
267	24-Sep-96	4	F	3	628	0			N/A	
267	24-Sep-96	6	M	2	764		42690	2	N/A	
268	24-Sep-96	6	M	2	719		42690	3	52	
268	24-Sep-96	4	M	3	734				N/A	
269	24-Sep-96	4	F	3	641	0	85182	5	41	hatchery; adipose fin clip
269	24-Sep-96	6	M	2	638		42690	4	42	
270	24-Sep-96	4	F	3	660	0	85183	1	41	hatchery; adipose fin clip
270	24-Sep-96	6	F	2	662	0	42690	5	3M	
271	24-Sep-96	4	M	2	632				N/A	
271	24-Sep-96	6	F	2	687	0	42691	1	N/A	
272	24-Sep-96	4	F	1	610	0			N/A	
272	24-Sep-96	6	M	3	633		42691	2	N/A	
273	24-Sep-96	4	M	2	743				N/A	
273	24-Sep-96	6	F	2	728	0	42691	3	N/A	
274	24-Sep-96	6	M	2	668		42691	4	N/A	
274	24-Sep-96	4	F	1	620	420	85183	2	S2	
275	24-Sep-96	6	M	2	732		42691	5	52	
275	24-Sep-96	4	F	2	620	0			N/A	
276	24-Sep-96	4	F	2	711	5			N/A	
276	25-Sep-96	6	F	2	728	0			N/A	TEAM 2
277	24-Sep-96	4	M	2	760				N/A	
277	25-Sep-96	6	F	3	564	0			N/A	
278	24-Sep-96	4	F	2	770	0			N/A	
278	25-Sep-96	6	F	2	592	0			N/A	
279	24-Sep-96	4	F	2	611	10			N/A	
279	25-Sep-96	6	M	3	725				N/A	
280	24-Sep-96	4	F	2	667	0	85183	3	N/A	
280	25-Sep-96	6	M	2	705				N/A	
281	24-Sep-96	4	F	3	702	0			N/A	
281	25-Sep-96	6	F	2	622	0			N/A	
282	24-Sep-96	4	F	2	722	0	85183	4	N/A	
282	25-Sep-96	6	M	3	724				N/A	
283	24-Sep-96	4	F	1	782	1			N/A	
283	25-Sep-96	6	M	3	685				N/A	
284	24-Sep-96	4	F	2	618	0			N/A	
284	25-Sep-96	6	M	3	582				N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
285	24-Sep-96	4	F	3	700	0			N/A	
285	25-Sep-96	6	M	2	687				N/A	
286	24-Sep-96	4	F	2	728	0			N/A	
286	25-Sep-96	6	M	3	645				N/A	
287	24-Sep-96	4	F	3	636	100			N/A	
287	25-Sep-96	6	F	3	506	skein			N/A	Pre-spawn mortality
288	24-Sep-96	4	M	2	750		85183	5	N/A	
288	25-Sep-96	6	M	3	485				N/A	tag 3 and 4 on same fish, 4 was recovered called it 4
289	24-Sep-96	4	M	1	642				N/A	
289	25-Sep-96	6	M	2	685				N/A	
290	24-Sep-96	4	F	3	641	200			N/A	
290	25-Sep-96	6	F	2	585	0			N/A	
291	24-Sep-96	4	F	1	660	0			N/A	
291	25-Sep-96	6	M	3	821				N/A	
292	24-Sep-96	4	M	2	735				N/A	
292	25-Sep-96	6	M	3	762				N/A	
293	26-Sep-96	1	M	3	750				N/A	TEAM 2
293	24-Sep-96	4	F	1	599	3	85184	1	N/A	
294	26-Sep-96	1	F	2	623	0			N/A	
294	24-Sep-96	4	F	2	644	0			N/A	deformed lower jaw
295	26-Sep-96	1	F	2	690	0			N/A	
295	24-Sep-96	4	F	1	593	50			N/A	
296	26-Sep-96	1	M	3	814				N/A	
296	24-Sep-96	4	F	3	700	0			N/A	
297	26-Sep-96	2	M	1	780				N/A	
297	24-Sep-96	4	F	1	656	1			N/A	WHITE
298	26-Sep-96	3	F	2	578	56			N/A	
298	24-Sep-96	4	F	3	634	0			N/A	
299	26-Sep-96	3	F	2	735	0			N/A	
299	24-Sep-96	4	F	3	632	0			N/A	
300	26-Sep-96	3	M	2	678				N/A	
300	24-Sep-96	4	F	3	650	0			N/A	
301	26-Sep-96	3	M	2	664				N/A	
301	24-Sep-96	4	F	3	622	1			N/A	
302	26-Sep-96	3	F	3	673	0			N/A	
302	24-Sep-96	4	F	1	743	0	85184	2	N/A	white

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
303	24-Sep-96	4	F	2	635	0	85184	3	42	
303	26-Sep-96	4	M	2	774				N/A	
304	24-Sep-96	4	F	2	660	0	85184	4	N/A	
304	26-Sep-96	4	F	2	659	0			N/A	
305	24-Sep-96	4	F	3	655	0	85184	5	N/A	
305	26-Sep-96	4	F	2	717	0			N/A	
306	26-Sep-96	4	F	3	673	0			N/A	
306	24-Sep-96	4	M	3	710				N/A	ROTTEN
307	24-Sep-96	4	F	3	666	0	85185	1	N/A	tag missing
307	26-Sep-96	4	M	2	721				N/A	
308	24-Sep-96	4	F	2	615	0	85185	2	N/A	white
308	26-Sep-96	4	F	2	545	0			N/A	
309	24-Sep-96	4	M	3	760		85185	3	N/A	
309	26-Sep-96	4	F	2	583	0			N/A	
310	24-Sep-96	4	F	2	631	1	85185	4	N/A	
310	26-Sep-96	4	F	3	612	0			N/A	
311	26-Sep-96	4	F	3	682	0			N/A	
311	24-Sep-96	4	F	3	655	275			N/A	ROTTEN
312	26-Sep-96	4	F	3	718	58			N/A	
312	24-Sep-96	4	M	3	610				N/A	ROTTEN
313	26-Sep-96	4	M	3	724				N/A	
313	24-Sep-96	4	M	2	760				N/A	partially eaten
314	24-Sep-96	4	F	2	633	0			N/A	
314	26-Sep-96	4	F	2	774	450			N/A	
315	24-Sep-96	4	M	3	766		85185	5	N/A	
315	26-Sep-96	4	F	2	644	0			N/A	
316	24-Sep-96	4	F	2	688	0	85186	1	N/A	
316	26-Sep-96	4	F	2	682	0			N/A	
317	24-Sep-96	4	M	3	615		85186	2	N/A	
317	29-Sep-96	6	F	2	799	0			N/A	TEAM #2
318	29-Sep-96	3	M	2	703				N/A	
318	24-Sep-96	4	M	3	655				N/A	ROTTEN
319	29-Sep-96	3	F	2	693	0			N/A	
319	24-Sep-96	4	F	3	630	0			N/A	ROTTEN
320	29-Sep-96	3	F	3	586	1			N/A	
320	24-Sep-96	4	M	3	731				N/A	ROTTEN
321	24-Sep-96	4	F	2	695	0	85186	3	52	
321	29-Sep-96	4	F	3	628	0			N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
322	29-Sep-96	4	F	3	613	0			N/A	
322	24-Sep-96	4	F	3	740	0			N/A	ROTTEN
323	24-Sep-96	4	F	3	718	0			N/A	ROTTEN
323	29-Sep-96	4	F	3	782	0			N/A	
324	29-Sep-96	4	F	2	778	0			N/A	
324	24-Sep-96	4	M	3	797				N/A	ROTTEN
325	24-Sep-96	4	F	1	669	0	85186	4	42	
325	29-Sep-96	4	F	2	719	5			N/A	
326	24-Sep-96	4	M	2	785		85186	5	52	
326	29-Sep-96	4	F	3	578	0			N/A	
327	24-Sep-96	4	F	3	705	0			N/A	ROTTEN
327	29-Sep-96	4	M	2	770				N/A	TAG MISSING
328	24-Sep-96	4	F	2	620	0	85187	1	N/A	
328	29-Sep-96	4	F	2	595	0			N/A	
329	24-Sep-96	5	M	2	750		85187	2	41	
329	29-Sep-96	4	M	3	774				N/A	
330	29-Sep-96	4	F	3	687	0			N/A	
330	24-Sep-96	6	F	1	640	0			N/A	
331	29-Sep-96	4	F	3	665	0			N/A	
331	24-Sep-96	6	M	3	760				N/A	ROTTEN
332	29-Sep-96	4	F	3	637	1			N/A	
332	24-Sep-96	6	M	1	805		85187	3	N/A	
333	29-Sep-96	4	M	3	760				N/A	
333	24-Sep-96	6	F	1	800	0			N/A	
334	29-Sep-96	4	M	3	759				N/A	
334	24-Sep-96	6	M	3	730				N/A	NO SCALES
335	29-Sep-96	5	F	1	658	0			N/A	
335	24-Sep-96	6	M	1	747				N/A	
336	29-Sep-96	5	F	1	644	0			N/A	
336	24-Sep-96	6	F	2	665	1			N/A	
337	29-Sep-96	5	F	2	622	0			N/A	
337	24-Sep-96	6	F	2	661	5			N/A	
338	29-Sep-96	5	F	3	692	0			N/A	
338	24-Sep-96	6	M	4	745				N/A	EATEN
339	30-Sep-96	5	M	3	820				N/A	TEAM #2
339	24-Sep-96	6	M	2	775				N/A	WHITE
340	30-Sep-96	6	F	2	722	0			N/A	
340	24-Sep-96	6	F	3	740	0			N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
341	24-Sep-96	6	F	2	720	0	85187	4	52	
341	30-Sep-96	6	M	3	726				N/A	
342	30-Sep-96	6	F	1	772	0			N/A	
342	24-Sep-96	6	M	3	656				N/A	
343	30-Sep-96	6	F	3	687	12			N/A	
343	24-Sep-96	6	M	3	758				N/A	
344	24-Sep-96	6	F	2	705	0			N/A	
344	30-Sep-96	6	F	1	718	0			N/A	
345	24-Sep-96	6	F	2	726	0			N/A	
345	30-Sep-96	6	F	2	746	0			N/A	
346	30-Sep-96	6	F	2	764	0			N/A	
346	24-Sep-96	6	M	3	720				N/A	
347	24-Sep-96	6	F	3	704	0	85187	5	52	hatchery; adipose fin clip
347	30-Sep-96	6	M	2	765				N/A	
348	30-Sep-96	6	F	3	644	0			N/A	
348	24-Sep-96	6	M	1	615				N/A	
349	30-Sep-96	6	M	3	674				N/A	
349	24-Sep-96	6	M	3	790				N/A	
350	30-Sep-96	6	F	2	651	11			N/A	
350	24-Sep-96	6	M	1	750				N/A	
351	30-Sep-96	6	M	3	650				N/A	
351	24-Sep-96	6	M	2	690				N/A	
352	24-Sep-96	6	M	1	691		85188	1	N/A	
352	30-Sep-96	6	F	2	609	0			N/A	
353	25-Sep-96	1	F	2	730	12			N/A	TEAM 1
353	30-Sep-96	6	M	1	728				N/A	
354	25-Sep-96	1	F	2	651	0			N/A	
354	30-Sep-96	6	F	3	775	114			N/A	
355	25-Sep-96	1	M	2	741				N/A	
355	30-Sep-96	6	F	2	749	0			N/A	
356	25-Sep-96	1	F	2	618	0			N/A	RAIN
356	30-Sep-96	6	F	3	n/a	0			N/A	
357	25-Sep-96	1	F	2	679	0			N/A	
357	30-Sep-96	6	F	2	761	0			N/A	Hatchery; adipose fin clip
358	25-Sep-96	1	F	3	631	0			N/A	
358	30-Sep-96	6	F	3	654	0			N/A	
359	25-Sep-96	1	F	2	652	0			N/A	
359	1-Oct-96	6	F	2	726	0			N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
360	25-Sep-96	1	M	2	747				N/A	
360	1-Oct-96	6	F	2	700	0			N/A	
361	25-Sep-96	1	F	2	721	0			N/A	
361	1-Oct-96	6	F	1	632	0			N/A	
362	25-Sep-96	1	M	1	649				N/A	AC; adipose fin clip
362	1-Oct-96	6	F	2	748	0			N/A	
363	25-Sep-96	1	M	3	752				N/A	
363	1-Oct-96	5	F	2	646	0			N/A	
364	25-Sep-96	1	F	1	730	1			N/A	partially eaten
364	1-Oct-96	5	F	2	649	386			N/A	
365	25-Sep-96	1	M	2	685				N/A	
365	1-Oct-96	5	F	2	656	0			N/A	
366	25-Sep-96	1	F	2	616	0			N/A	
366	1-Oct-96	4	F	3	697	0			N/A	
367	25-Sep-96	1	F	2	625	3			N/A	
367	1-Oct-96	4	F	3	728	0			N/A	
368	25-Sep-96	1	M	3	679				N/A	
368	1-Oct-96	4	F	3	687	50			N/A	
369	25-Sep-96	2	F	1	598	0			N/A	
369	1-Oct-96	4	F	1	748	12			N/A	
370	25-Sep-96	2	F	2	688	0			N/A	
370	1-Oct-96	4	F	1	690	0			N/A	
371	25-Sep-96	2	M	2	702				N/A	
371	1-Oct-96	4	F	1	712	1			N/A	
372	2-Oct-96	2	F	3	568	0			N/A	TEAM 2
372	25-Sep-96	2	F	3	734	2			N/A	
373	25-Sep-96	2	F	1	640	4			N/A	
373	2-Oct-96	3	F	1	615	skein			N/A	PRESPAWN MORT
374	25-Sep-96	2	F	2	673	2			N/A	
374	2-Oct-96	3	F	1	748	0			N/A	
375	25-Sep-96	2	F	2	645	0			N/A	
375	3-Oct-96	6	F	3	683	0			N/A	TEAM 2
376	25-Sep-96	2	F	2	652	0			N/A	small adipose; adipose fin clip
376	3-Oct-96	6	F	3	728	0			N/A	
377	25-Sep-96	2	F	1	711	0			N/A	
377	3-Oct-96	6	M	3	625				N/A	
378	25-Sep-96	2	F	1	655	0			N/A	
378	3-Oct-96	6	F	1	691	0			N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
379	25-Sep-96	2	F	1	633	110			N/A	
379	3-Oct-96	6	F	1	722	0			N/A	
380	25-Sep-96	2	F	1	623	0			N/A	partially eaten
380	3-Oct-96	6	F	2	642	0			N/A	
381	25-Sep-96	3	F	1	643	120			N/A	
381	3-Oct-96	6	F	3	821	112			N/A	
382	25-Sep-96	3	F	1	592	0			N/A	
382	3-Oct-96	6	M	3	834				N/A	
383	25-Sep-96	3	M	3	742				N/A	
383	3-Oct-96	6	F	2	726	0			N/A	
384	25-Sep-96	3	F	3	585	0			N/A	
384	3-Oct-96	6	F	2	766	0			N/A	
385	25-Sep-96	3	F	3	636	0			N/A	
385	3-Oct-96	6	M	3	844				N/A	
386	25-Sep-96	3	F	1	760	0			N/A	
386	3-Oct-96	6	M	3	662				N/A	
387	25-Sep-96	3	F	2	605	1			N/A	
387	3-Oct-96	6	F	3	614	0			N/A	
388	25-Sep-96	3	M	2	720				N/A	
388	3-Oct-96	6	F	3	617	0			N/A	
389	25-Sep-96	3	F	1	742	0			N/A	
389	3-Oct-96	6	F	3	666	0			N/A	
390	25-Sep-96	3	M	1	747				N/A	
390	3-Oct-96	6	F	3	648	0			N/A	
391	25-Sep-96	3	F	3	600	0			N/A	
391	3-Oct-96	6	F	3	791	0			N/A	
392	25-Sep-96	3	F	1	746	100			N/A	
392	3-Oct-96	5	F	2	627	0			N/A	
393	25-Sep-96	3	F	1	611	0			N/A	l/s
393	3-Oct-96	4	M	3	789				N/A	
394	25-Sep-96	3	F	1	611	0			N/A	WHITE
394	3-Oct-96	3	F	3	766	0			N/A	
395	25-Sep-96	3	M	3	740				N/A	
395	3-Oct-96	3	M	2	744				N/A	
396	3-Oct-96	3	F	3	687	6			N/A	
396	25-Sep-96	3	M	2	822				N/A	
397	3-Oct-96	3	F	3	656	0			N/A	
397	25-Sep-96	3	M	3	688				N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
398	3-Oct-96	2	M	2	754				N/A	
398	25-Sep-96	3	M	2	753				N/A	
399	3-Oct-96	2	M	3	762				N/A	
399	25-Sep-96	3	F	1	585	0			N/A	WHITE
400	3-Oct-96	2	F	3	642	10			N/A	
400	25-Sep-96	3	F	2	620	110			N/A	l/s
401	25-Sep-96	3	F	2	655	0			N/A	
402	25-Sep-96	3	F	2	654	0			N/A	wHITE
403	25-Sep-96	3	M	3	750				N/A	
404	25-Sep-96	3	F	3	703	0			N/A	
405	25-Sep-96	3	M	1	703				N/A	
406	25-Sep-96	3	F	1	633	1			N/A	
407	25-Sep-96	3	F	2	632	1			N/A	
408	25-Sep-96	3	M	3	598				N/A	
409	25-Sep-96	3	F	1	651	0			N/A	
410	25-Sep-96	3	M	1	565				N/A	
411	25-Sep-96	3	M	3	742				N/A	
412	25-Sep-96	3	M	1	714				N/A	
413	25-Sep-96	3	M	2	713				N/A	
414	25-Sep-96	3	F	3	624	90			N/A	
415	25-Sep-96	3	F	3	760	0			N/A	
416	25-Sep-96	3	F	3	800	0			N/A	
417	25-Sep-96	3	F	1	727	0			N/A	
418	25-Sep-96	3	M	2	655				N/A	hatchery; adipose fin clip
419	25-Sep-96	3	F	1	795	0			N/A	
420	25-Sep-96	3	F	2	630	0			N/A	
421	25-Sep-96	3	M	1	761				N/A	
422	25-Sep-96	3	F	2	725	0			N/A	
423	25-Sep-96	3	M	1	668				N/A	
424	25-Sep-96	3	F	1	675	0			N/A	
425	25-Sep-96	3	F	3	648	10			N/A	
426	25-Sep-96	3	F	3	682	35			N/A	
427	25-Sep-96	3	F	3	785	0			N/A	
428	25-Sep-96	3	F	2	623	0			N/A	WHITE
429	25-Sep-96	3	F	3	623	0			N/A	
430	25-Sep-96	3	F	2	625	0			N/A	
431	25-Sep-96	3	F	1	609	2			N/A	
432	25-Sep-96	3	F	2	802	0			N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
433	25-Sep-96	3	M	2	740				N/A	
434	25-Sep-96	3	F	1	733	1			N/A	
435	25-Sep-96	3	F	1	645	0			N/A	
436	25-Sep-96	3	F	3	710	0			N/A	
437	25-Sep-96	3	F	1	705	0			N/A	
438	25-Sep-96	3	F	2	624	2			N/A	
439	25-Sep-96	3	M	3	681				N/A	
440	25-Sep-96	3	F	3	782	0			N/A	
441	25-Sep-96	3	M	3	679				N/A	
442	25-Sep-96	4	M	3	635				N/A	
443	25-Sep-96	4	F	3	764	0			N/A	
444	25-Sep-96	4	F	2	652	0			N/A	
445	25-Sep-96	4	F	1	674	0			N/A	
446	25-Sep-96	4	F	2	670	1			N/A	
447	25-Sep-96	4	F	3	601	0			N/A	
448	25-Sep-96	4	F	2	684	0			N/A	
449	25-Sep-96	4	F	1	703	0			N/A	
450	25-Sep-96	4	M	3	772				N/A	
451	25-Sep-96	4	F	2	775	0			N/A	
452	25-Sep-96	4	F	3	703	0			N/A	
453	25-Sep-96	4	M	3	609				N/A	
454	25-Sep-96	4	F	1	739	0			N/A	
455	25-Sep-96	4	F	3	709	0			N/A	
456	25-Sep-96	4	F	2	722	0			N/A	
457	25-Sep-96	4	F	2	652	0			N/A	UNDERBITE
458	25-Sep-96	4	F	3	637	465			N/A	
459	25-Sep-96	4	F	2	350	0			N/A	
460	25-Sep-96	4	F	2	672	0			N/A	WHITE
461	25-Sep-96	4	F	1	705	0			N/A	
462	25-Sep-96	4	F	1	737	0			N/A	
463	25-Sep-96	4	F	1	668	0			N/A	
464	25-Sep-96	4	F	3	635	0			N/A	
465	25-Sep-96	4	F	1	652	0			N/A	
466	25-Sep-96	4	F	3	731	0			N/A	
467	25-Sep-96	4	M	2	765				N/A	
468	25-Sep-96	4	F	1	603	15			N/A	
469	25-Sep-96	4	F	1	627	0			N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
470	25-Sep-96	4	F	3	642	4			N/A	
471	25-Sep-96	4	F	3	632	0			N/A	
472	25-Sep-96	4	F	1	643	10			N/A	
473	25-Sep-96	4	M	3	648				N/A	
474	25-Sep-96	4	F	2	669	0			N/A	WhITE
475	25-Sep-96	4	F	2	742	0			N/A	
476	25-Sep-96	4	F	3	637	0			N/A	
477	25-Sep-96	4	F	1	695	0			N/A	
478	25-Sep-96	4	F	1	648	85			N/A	
479	25-Sep-96	4	M	3	678				N/A	
480	25-Sep-96	4	F	2	613	0			N/A	
481	25-Sep-96	4	F	2	634	3			N/A	
482	25-Sep-96	4	F	2	707	0			N/A	
483	25-Sep-96	4	F	1	712	5			N/A	
484	25-Sep-96	4	F	3	577	0			N/A	
485	25-Sep-96	4	F	3	623	0			N/A	
486	25-Sep-96	4	M	3	730				N/A	
487	25-Sep-96	4	F	3	717	0			N/A	
488	25-Sep-96	4	F	3	624	0			N/A	
489	25-Sep-96	4	F	1	702	0			N/A	
490	25-Sep-96	4	M	3	694				N/A	WHITE
491	25-Sep-96	4	F	3	636	30			N/A	
492	25-Sep-96	4	F	2	754	10			N/A	
493	25-Sep-96	4	M	3	799				N/A	
494	25-Sep-96	4	M	3	654				N/A	
495	25-Sep-96	4	F	3	695	0			N/A	
496	25-Sep-96	4	F	1	717	3			N/A	
497	25-Sep-96	4	F	1	715	90			N/A	
498	25-Sep-96	4	F	1	736	10			N/A	
499	25-Sep-96	4	F	3	657	0			N/A	
500	25-Sep-96	4	F	2	722	0			N/A	
501	25-Sep-96	4	F	1	750	2			N/A	Hatchery; adipose fin clip
502	25-Sep-96	4	F	2	705	0			N/A	
503	25-Sep-96	4	F	1	713	0			N/A	
504	25-Sep-96	4	M	3	711				N/A	
505	26-Sep-96	4	M	2	614				N/A	TEAM 1
506	26-Sep-96	4	M	3	626				N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
507	26-Sep-96	4	F	2	665	8			N/A	
508	26-Sep-96	4	F	2	777	0			N/A	
509	26-Sep-96	4	F	3	716	0			N/A	
510	26-Sep-96	4	F	2	653	0			N/A	
511	26-Sep-96	4	F	2	702	3396			N/A	PRE SPAWN MORT
512	26-Sep-96	4	M	3	663				N/A	
513	26-Sep-96	4	F	3	675	0			N/A	
514	26-Sep-96	4	F	2	653	0			N/A	
515	26-Sep-96	4	F	2	725	0			N/A	
516	26-Sep-96	4	F	2	668	8			N/A	WHITE
517	26-Sep-96	4	F	3	648	0			N/A	
518	26-Sep-96	4	F	1	665	0			N/A	
519	26-Sep-96	4	F	3	775	0			N/A	Hatchery; adipose fin clip
520	26-Sep-96	4	M	1	762				N/A	WHITE
521	26-Sep-96	4	M	2	560				N/A	
522	26-Sep-96	4	F	1	698	0			N/A	
523	26-Sep-96	4	F	1	621	1			N/A	
524	26-Sep-96	4	M	3	634				N/A	
525	26-Sep-96	4	M	3	641				N/A	
526	26-Sep-96	4	M	3	579				N/A	
527	26-Sep-96	4	M	3	634				N/A	
528	26-Sep-96	4	F	2	769	0			N/A	
529	26-Sep-96	5	F	2	677	360			N/A	
530	26-Sep-96	5	F	2	702	127			N/A	small adipose; adipose fin clip
531	26-Sep-96	5	F	1	672	0			N/A	
532	26-Sep-96	5	M	3	655				N/A	
533	26-Sep-96	5	M	3	650				N/A	
534	26-Sep-96	5	M	3	655				N/A	WHITE
535	26-Sep-96	5	F	1	682	0			N/A	
536	26-Sep-96	5	F	3	673	0			N/A	Hatchery; adipose fin clip
537	26-Sep-96	5	F	2	628	38			N/A	
538	26-Sep-96	5	F	3	706	8			N/A	Hatchery; adipose fin clip
539	26-Sep-96	5	M	3	767				N/A	
540	26-Sep-96	5	M	3	675				N/A	
541	26-Sep-96	5	F	3	667	3			N/A	
542	26-Sep-96	5	F	2	692	0			N/A	
543	26-Sep-96	5	F	3	726	0			N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
544	26-Sep-96	5	M	3	614				N/A	
545	26-Sep-96	5	F	3	624	0			N/A	
546	26-Sep-96	5	F	3	653	20			N/A	
547	26-Sep-96	5	F	3	726	0			N/A	
548	26-Sep-96	5	F	2	694	1			N/A	
549	26-Sep-96	4	F	3	615	0			N/A	
550	26-Sep-96	4	F	1	723	0			N/A	
551	26-Sep-96	4	F	3	734	60			N/A	
552	26-Sep-96	4	F	2	693	0			N/A	
553	26-Sep-96	4	F	3	726	2			N/A	
554	26-Sep-96	4	F	2	647	0			N/A	TAG FELL OUT IN BOAT
555	26-Sep-96	4	M	3	693				N/A	
556	26-Sep-96	4	F	1	655	0			N/A	
557	26-Sep-96	4	F	2	695	0			N/A	
558	26-Sep-96	4	M	3	689				N/A	
559	26-Sep-96	4	F	2	624	0			N/A	
560	26-Sep-96	4	F	2	743	0			N/A	
561	26-Sep-96	4	F	3	708	0			N/A	
562	26-Sep-96	4	M	3	692				N/A	
563	26-Sep-96	4	M	3	617				N/A	
564	26-Sep-96	4	F	3	622	0			N/A	
565	26-Sep-96	4	F	3	621	0			N/A	WHITE
566	26-Sep-96	4	M	3	690				N/A	
567	26-Sep-96	4	M	3	779				N/A	
568	26-Sep-96	4	F	3	687	0			N/A	
569	26-Sep-96	4	M	1	652				N/A	
570	26-Sep-96	4	F	2	674	0			N/A	WHITE
571	26-Sep-96	4	F	1	613	0			N/A	
572	26-Sep-96	4	F	1	632	0			N/A	
573	26-Sep-96	4	F	2	660	0			N/A	
574	26-Sep-96	4	F	3	724	0			N/A	
575	26-Sep-96	4	F	3	602	0			N/A	
576	26-Sep-96	4	M	3	691				N/A	
577	26-Sep-96	4	F	3	745	0			N/A	WHITE
578	26-Sep-96	4	F	2	660	0			N/A	
579	26-Sep-96	4	F	2	630	0			N/A	
580	26-Sep-96	4	M	3	723				N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
581	26-Sep-96	4	F	2	740	0			N/A	
582	26-Sep-96	4	F	3	721	211			N/A	
583	26-Sep-96	4	F	3	742	0			N/A	
584	26-Sep-96	4	F	3	640	0			N/A	
585	26-Sep-96	4	F	2	740	88			N/A	
586	27-Sep-96	1	F	1	620	0			N/A	TEAM 1
587	27-Sep-96	1	F	2	634	30			N/A	OVERCAST/RAIN
588	27-Sep-96	1	F	2	642	0			N/A	
589	27-Sep-96	1	F	1	655	0			N/A	
590	27-Sep-96	1	M	2	781				N/A	
591	27-Sep-96	1	F	2	699	0			N/A	partially eaten
592	27-Sep-96	1	F	2	695	0			N/A	WHITE
593	27-Sep-96	2	M	1	630				N/A	
594	27-Sep-96	2	F	2	603	0			N/A	
595	27-Sep-96	2	F	1	631	0			N/A	
596	27-Sep-96	2	M	1	640				N/A	
597	27-Sep-96	2	M	1	650				N/A	hatchery; adipose fin clip
598	27-Sep-96	2	F	2	698	10			N/A	
599	27-Sep-96	2	F	2	705	0			N/A	
600	27-Sep-96	2	F	2	685	0			N/A	
601	27-Sep-96	2	F	1	765	0			N/A	
602	27-Sep-96	3	F	3	713	0			N/A	
603	27-Sep-96	3	F	3	617	0			N/A	
604	27-Sep-96	3	F	3	718	0			N/A	
605	27-Sep-96	3	M	3	670				N/A	hatchery; adipose fin clip
606	27-Sep-96	3	F	3	710	0			N/A	
607	27-Sep-96	3	M	3	631				N/A	
608	27-Sep-96	3	M	2	729				N/A	hatchery; adipose fin clip
609	27-Sep-96	3	F	1	650	0			N/A	
610	27-Sep-96	3	M	3	732				N/A	
611	27-Sep-96	3	F	2	731	0			N/A	
612	27-Sep-96	3	F	3	696	5			N/A	WHITE
613	27-Sep-96	3	F	3	640	0			N/A	WHITE
614	27-Sep-96	3	F	3	664	0			N/A	
615	27-Sep-96	3	F	3	743	80			N/A	
616	27-Sep-96	4	F	3	800	0			N/A	
617	27-Sep-96	4	F	1	587	0			N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
618	27-Sep-96	4	F	3	711	0			N/A	
619	27-Sep-96	4	F	3	704	0			N/A	
620	27-Sep-96	4	F	1	644	90			N/A	WHITE
621	27-Sep-96	4	F	1	632	0			N/A	
622	27-Sep-96	4	M	2	330				N/A	JACK
623	27-Sep-96	4	M	2	592				N/A	
624	27-Sep-96	4	M	3	755				N/A	WHITE
625	27-Sep-96	4	F	3	690	0			N/A	
626	27-Sep-96	4	M	3	744				N/A	
627	27-Sep-96	4	M	3	652				N/A	
628	27-Sep-96	4	F	3	671	0			N/A	
629	27-Sep-96	4	F	2	634	0			N/A	
630	27-Sep-96	4	F	3	703	20			N/A	
631	27-Sep-96	4	F	3	679	25			N/A	Hatchery; adipose fin clip
632	27-Sep-96	4	M	1	713				N/A	
633	27-Sep-96	4	F	2	708	0			N/A	
634	27-Sep-96	4	F	1	620	0			N/A	
635	27-Sep-96	4	M	1	721				N/A	
636	27-Sep-96	4	F	1	602	0			N/A	
637	27-Sep-96	4	F	1	655	5			N/A	
638	27-Sep-96	4	F	1	720	0			N/A	
639	27-Sep-96	4	F	1	652	0			N/A	
640	27-Sep-96	4	M	2	765				N/A	
641	27-Sep-96	4	F	3	665	0			N/A	
642	27-Sep-96	4	F	1	684	2			N/A	
643	27-Sep-96	4	M	3	843				N/A	Hatchery; adipose fin clip
644	27-Sep-96	4	F	2	721	0			N/A	
645	27-Sep-96	4	F	2	652	2			N/A	partially eaten
646	27-Sep-96	3	F	1	658	0			N/A	
647	27-Sep-96	3	F	3	709	0			N/A	
648	27-Sep-96	3	F	3	732	0			N/A	hatchery; adipose fin clip
649	27-Sep-96	3	F	2	736	0			N/A	
650	27-Sep-96	3	F	3	681	0			N/A	
651	27-Sep-96	3	F	2	711	0			N/A	
652	27-Sep-96	3	F	2	621	0			N/A	
653	27-Sep-96	3	F	2	761	5			N/A	
654	27-Sep-96	3	F	2	653	0			N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
655	28-Sep-96	1	F	2	629	0			N/A	TEAM 1
656	28-Sep-96	1	F	2	610	0			N/A	CLEAR
657	28-Sep-96	1	F	2	649	0			N/A	
658	28-Sep-96	1	F	2	641	0			N/A	
659	28-Sep-96	2	F	2	712	0			N/A	
660	28-Sep-96	2	F	2	603	10			N/A	
661	28-Sep-96	2	F	2	692	0			N/A	
662	28-Sep-96	2	F	1	753	0			N/A	
663	28-Sep-96	2	F	2	673	0			N/A	
664	28-Sep-96	2	F	1	619	0			N/A	
665	28-Sep-96	2	F	2	734	0			N/A	
666	28-Sep-96	2	F	2	678	0			N/A	
667	28-Sep-96	2	F	3	725	0			N/A	
668	28-Sep-96	2	F	2	636	0			N/A	
669	28-Sep-96	2	M	2	675				N/A	hatchery; adipose fin clip
670	28-Sep-96	2	M	3	780				N/A	
671	28-Sep-96	5	M	3	767				N/A	
672	28-Sep-96	5	F	3	646	0			N/A	
673	28-Sep-96	5	M	2	655				N/A	
674	28-Sep-96	5	F	3	732	3			N/A	
675	28-Sep-96	5	M	3	730				N/A	
676	28-Sep-96	5	F	2	624	0			N/A	TAG MISSING
677	28-Sep-96	6	F	3	625	0			N/A	
678	28-Sep-96	6	F	2	648	0			N/A	
679	28-Sep-96	6	F	1	641	0			N/A	
680	28-Sep-96	6	F	2	728	0			N/A	
681	28-Sep-96	6	F	3	778	0			N/A	
682	28-Sep-96	6	F	3	700	0			N/A	
683	28-Sep-96	6	M	3	760				N/A	
684	28-Sep-96	6	F	3	621	0			N/A	
685	28-Sep-96	6	F	1	751	0			N/A	
686	28-Sep-96	6	F	3	624	0			N/A	
687	28-Sep-96	6	M	2	762				N/A	
688	28-Sep-96	6	F	2	609	0			N/A	
689	28-Sep-96	6	M	3	751				N/A	
690	28-Sep-96	6	M	3	722				N/A	
691	28-Sep-96	6	M	3	353				N/A	JACK

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
692	28-Sep-96	6	F	3	662	75			N/A	Hatchery; adipose fin clip
693	28-Sep-96	6	F	3	680	0			N/A	
694	28-Sep-96	6	M	3	692				N/A	
695	28-Sep-96	6	M	3	672				N/A	
696	28-Sep-96	6	F	2	752	0			N/A	Hatchery; adipose fin clip
697	28-Sep-96	6	F	3	753	0			N/A	
698	28-Sep-96	6	F	3	639	0			N/A	
699	28-Sep-96	6	M	3	739				N/A	
700	28-Sep-96	6	F	3	n/a	0			N/A	
701	28-Sep-96	6	M	3	703				N/A	
702	28-Sep-96	6	M	3	878				N/A	
703	28-Sep-96	6	F	2	645	0			N/A	
704	28-Sep-96	6	F	3	655	140			N/A	
705	28-Sep-96	6	M	1	781				N/A	
706	28-Sep-96	6	F	3	592	2752			N/A	small adipose
707	28-Sep-96	6	F	2	741	0			N/A	
708	28-Sep-96	6	M	3	720				N/A	
709	28-Sep-96	6	M	3	721				N/A	
710	28-Sep-96	6	F	3	620	0			N/A	
711	28-Sep-96	6	M	3	732				N/A	
712	28-Sep-96	6	F	2	642	0			N/A	
713	29-Sep-96	4	F	4	687	1			N/A	partially eaten, team 1
714	29-Sep-96	4	F	2	668	0			N/A	
715	29-Sep-96	4	M	3	772				N/A	
716	29-Sep-96	4	F	2	722	0			N/A	
717	29-Sep-96	4	M	2	759				N/A	
718	29-Sep-96	4	F	2	653	0			N/A	
719	29-Sep-96	4	M	1	771				N/A	
720	29-Sep-96	4	F	2	703	0			N/A	
721	29-Sep-96	4	F	2	683	0			N/A	
722	29-Sep-96	4	F	2	662	0			N/A	
723	29-Sep-96	4	F	2	625	0			N/A	WHITE
724	29-Sep-96	4	F	2	610	0			N/A	
725	29-Sep-96	4	F	1	695	0			N/A	
726	29-Sep-96	4	F	2	670	0			N/A	
727	29-Sep-96	4	F	2	677	0			N/A	
728	29-Sep-96	5	F	3	613	0			N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
729	29-Sep-96	5	F	3	611	0			N/A	
730	29-Sep-96	5	F	1	691	0			N/A	
731	29-Sep-96	5	F	3	663	0			N/A	
732	29-Sep-96	6	F	2	648	0			N/A	
733	29-Sep-96	6	M	3	812				N/A	
734	29-Sep-96	6	F	2	802	0			N/A	
735	29-Sep-96	6	F	2	632	0			N/A	
736	29-Sep-96	6	F	3	788	0			N/A	Hatchery; adipose fin clip
737	29-Sep-96	6	F	2	729	0			N/A	
738	29-Sep-96	6	M	3	759				N/A	
739	29-Sep-96	6	F	3	740	1			N/A	
740	29-Sep-96	6	F	2	618	0			N/A	WHITE
741	29-Sep-96	6	F	3	631	0			N/A	
742	30-Sep-96	6	F	2	654	0			N/A	Team #1 white
743	30-Sep-96	6	M	4	756				N/A	partially eaten
744	30-Sep-96	6	M	3	380				N/A	JACK
745	30-Sep-96	6	F	2	695	0			N/A	
746	30-Sep-96	6	F	3	675	0			N/A	
747	30-Sep-96	6	F	3	642	0			N/A	
748	30-Sep-96	6	M	3	712				N/A	
749	30-Sep-96	6	F	3	735	0			N/A	
750	30-Sep-96	6	F	2	613	0			N/A	
751	30-Sep-96	6	M	3	721				N/A	
752	30-Sep-96	6	M	4	561				N/A	
753	30-Sep-96	6	F	3	632	0			N/A	
754	30-Sep-96	6	M	3	780				N/A	
755	30-Sep-96	6	M	3	575				N/A	
756	30-Sep-96	6	M	3	728				N/A	
757	30-Sep-96	6	M	3	761				N/A	AT GRASSY ISLAND
758	30-Sep-96	6	F	3	802	10			N/A	SEARCHED D/S
759	30-Sep-96	6	M	3	574				N/A	FROM GRASSY ISLAND
760	30-Sep-96	6	F	3	718	0			N/A	TO CLAY CLIFFS
761	30-Sep-96	6	F	3	635	1			N/A	
762	30-Sep-96	6	M	3	796				N/A	From clay cliffs u/s to grassy island
763	30-Sep-96	6	F	3	723	0			N/A	U/S TO GRASSY ISLAND
764	30-Sep-96	6	F	3	746	0			N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
765	1-Oct-96	1	F	2	706	0			N/A	TEAM #1/HATCHERY; adipose fin clip
766	1-Oct-96	1	F	2	753	0			N/A	
767	1-Oct-96	1	F	1	642	0			N/A	
768	1-Oct-96	1	F	1	723	0			N/A	
769	1-Oct-96	1	F	2	700	0			N/A	
770	1-Oct-96	3	F	2	645	0			N/A	
771	1-Oct-96	3	F	2	594	0			N/A	
772	1-Oct-96	3	F	3	663	0			N/A	adipose fin clip
773	1-Oct-96	4	F	2	622	2			N/A	adipose fin clip
774	1-Oct-96	4	F	2	645	0			N/A	
775	1-Oct-96	4	F	3	653	0			N/A	
776	1-Oct-96	4	F	2	622	0			N/A	
777	1-Oct-96	4	F	3	660	0			N/A	
778	1-Oct-96	5	F	2	673	0			N/A	
779	1-Oct-96	5	F	2	638	0			N/A	
780	1-Oct-96	6	F	4	714	0			N/A	
781	1-Oct-96	6	F	3	619	0			N/A	
782	1-Oct-96	6	M	3	330				N/A	JACK
783	1-Oct-96	6	F	2	737	0			N/A	
784	1-Oct-96	6	F	2	686	0			N/A	
785	1-Oct-96	6	M	3	610				N/A	
786	2-Oct-96	1	F	1	640	1			N/A	
787	2-Oct-96	1	F	2	678	0			N/A	
788	2-Oct-96	2	F	2	645	0			N/A	
789	2-Oct-96	2	F	2	702	0			N/A	
790	2-Oct-96	2	F	1	658	0			N/A	
791	2-Oct-96	3	F	1	650	0			N/A	
792	2-Oct-96	3	F	3	703	0			N/A	
793	2-Oct-96	4	F	2	720	0			N/A	Hatchery; adipose fin clip
794	2-Oct-96	4	M	3	794				N/A	
795	2-Oct-96	4	M	3	802				N/A	
796	2-Oct-96	4	M	3	630				N/A	
797	2-Oct-96	4	F	3	632	0			N/A	
798	2-Oct-96	4	F	1	634	0			N/A	
799	2-Oct-96	4	F	3	741	0			N/A	
800	2-Oct-96	4	M	3	775				N/A	

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
801	2-Oct-96	4	F	3	618	0			N/A	
802	2-Oct-96	4	F	3	700	0			N/A	HATCHERY; Partially eaten; adipose fin clip
803	2-Oct-96	4	F	3	691	21			N/A	partially eaten
804	2-Oct-96	4	F	3	711	1			N/A	Hatchery; adipose fin clip
805	2-Oct-96	4	F	3	723	0			N/A	
806	2-Oct-96	4	F	2	592	0			N/A	
807	2-Oct-96	4	F	3	731	0			N/A	
808	2-Oct-96	4	M	3	762				N/A	
809	2-Oct-96	4	M	3	742				N/A	
810	2-Oct-96	4	F	3	652	0			N/A	
811	2-Oct-96	4	F	3	707	0			N/A	
812	2-Oct-96	4	F	3	692	0			N/A	
813	2-Oct-96	5	F	3	628	0			N/A	
814	2-Oct-96	5	F	3	631	0			N/A	
815	2-Oct-96	5	M	3	586				N/A	
816	2-Oct-96	5	F	4	686	0			N/A	
817	2-Oct-96	5	M	3	618				N/A	
818	2-Oct-96	5	F	3	597	0			N/A	
819	2-Oct-96	6	M	3	672				N/A	
820	2-Oct-96	6	F	3	605	0			N/A	
821	2-Oct-96	6	F	3	605	0			N/A	
822	2-Oct-96	6	F	3	615	0			N/A	
823	2-Oct-96	6	M	3	765				N/A	
824	2-Oct-96	6	F	3	631	0			N/A	
825	2-Oct-96	6	F	3	712	0			N/A	
826	2-Oct-96	6	F	3	612	0			N/A	
827	2-Oct-96	6	F	3	744	0			N/A	
828	2-Oct-96	6	M	3	655				N/A	
829	2-Oct-96	6	F	3	694	0			N/A	
830	2-Oct-96	6	F	3	633	2			N/A	
831	2-Oct-96	6	F	3	573	0			N/A	
832	2-Oct-96	6	M	3	711				N/A	
833	2-Oct-96	6	F	3	772	1			N/A	
834	2-Oct-96	6	M	3	705				N/A	
835	2-Oct-96	6	F	3	662	1			N/A	
836	2-Oct-96	6	F	2	625	0			N/A	Hatchery; adipose fin clip

APPENDIX 2 (cont.)

1996 Stuart River Chinook Carcass Recovery Project: Field Data and Ageing Results

Carcass #	Date	Reach	Sex	Condition	POHL (mm)	# Eggs	Scale Samples		Age (G-R)	Comments
							Book	Spaces		
837	2-Oct-96	6	F	3	628	0			N/A	
838	2-Oct-96	6	F	3	658	0			N/A	
839	3-Oct-96	4	F	3	711	0			N/A	
840	3-Oct-96	4	F	3	n/a	0			N/A	Hatchery; adipose fin clip
841	3-Oct-96	4	M	3	n/a				N/A	
842	3-Oct-96	4	F	3	n/a	0			N/A	
843	3-Oct-96	6	M	3	677				N/A	
844	3-Oct-96	6	F	3	703	1			N/A	
					n/a		42674	3	42	have age data but no field data
					n/a		42683	3	42	have age data but no field data
					n/a		42674	4	42	have age data but no field data
					n/a		42674	2	52	have age data but no field data
					n/a		42683	2	52	have age data but no field data
					n/a		42674	5	52	have age data but no field data
					n/a		42683	1	N/A	have age data but no field data
					n/a		42674	1		have age data but no field data