

Wild Juvenile Salmonid Monitoring Program Broughton Archipelago 2016

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Summary

Beach seine sampling was conducted on behalf of Marine Harvest Canada, Cermaq Canada and Grieg Seafood BC Ltd in the Broughton Archipelago, BC in 2016. Sampling was completed to monitor sea lice abundance, prevalence and intensity on juvenile wild salmon within the Broughton Archipelago in support of the Aquaculture Stewardship Certification process for the companies finfish aquaculture sites in the area. This monitoring will also aid in evaluating the effectiveness of the current *Pacific Aquaculture Regulations* DFO notification threshold of an average abundance of motile *Lepeophtheirus spp.* equal or greater than three lice per cultivated Atlantic salmon.

Sampling was conducted during two separate sampling events in April and May 2016, selected to coincide with the peak outmigration period of juvenile salmonids. Sampling was completed at 32 sites within the Broughton Archipelago, BC. The sites were selected based on their locations relative to existing aquaculture sites located in the area and based on the historical abundance of juvenile salmon at each of the sites

Thirty individuals from each target fish species or the total number of captured individuals from each target species (if less than 30 were captured) were collected from each of the 32 sites during the sampling events. Total catch numbers of each species were recorded. Water quality measurements including temperature and salinity were recorded at each site during each sampling event.

Collected sample fish were frozen and delivered to the Center for Aquatic Health Sciences (CAHS) for laboratory analysis. Sea lice infection data was tabulated by CAHS and provided to Mainstream Biological Consulting for reporting. Sea lice observed on the individual fish specimens during laboratory analysis were identified as either *Lepeophtheirus spp.* or *Caligus sp.* These lice are assumed to be *L. salmonis* and *C. clemensi* due to the lack of documented infections of Pacific salmon by other species. The lice were recorded by life stage and the sex of pre-adult or adult motile lice was determined.

This data summary report documents the observed sea lice infection rate on retained wild juvenile salmon collected in the Broughton Archipelago in 2016. A total of 967 wild juvenile salmonids underwent lab analysis for sea lice infection including 512 chum

salmon (*Oncorhynchus keta*), 430 pink salmon (*Oncorhynchus gorbuscha*), and 25 coho salmon (*Oncorhynchus kisutch*). From the total sample population 312 juvenile salmonids were infected with 528 sea lice. The calculated prevalence for the total sample population was 32.3 % and the sea lice abundance was 0.6 for the sample population collected in the Broughton Archipelago in 2016.

A total of 984 chum salmon were captured, representing 40.0 % of all captured salmonids. Of the 984 chum captured, 512 were kept for lab analysis for sea lice infection. A total of 152 chum smolts were found to be infected with 262 lice resulting in a calculated prevalence of 29.7 % and an abundance of 0.5 for the chum salmon sample population.

A total of 1451 pink salmon were captured, representing 58.9 % of all captured salmonids. Of the 1451 pinks captured, 430 were kept for lab analysis for sea lice infection. A total of 146 pink salmon were found to be infected with 242 lice resulting in a calculated prevalence of 33.9 % and an abundance of 0.6 for the pink salmon sample population.

A total of 210 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 140 juvenile salmon and 318 *Caligus clemensi* sea lice were found on 217 of the juvenile salmon analyzed in the lab. There were 45 juvenile salmon that were infected with both a *L. salmonis* and a *C. clemensi* sea louse. For the chum salmon sample population, a total of 98 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 68 juvenile chum salmon and 164 *Caligus clemensi* sea lice were found on 104 of the juvenile chum salmon. There were 20 juvenile chum salmon that were infected with both a *L. salmonis* and a *C. clemensi* sea louse. For the pink salmon sample population, a total of 102 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 66 juvenile pink salmon and 140 *Caligus clemensi* sea lice were found on 105 of the juvenile pink salmon. There were 25 juvenile pink salmon that were infected with both a *L. salmonis* and a *C. clemensi* sea louse.

A comparison of the prevalence, abundance and average intensity of sea lice species found on chum and pink salmon was completed for sample data from 2016 collected in the Broughton Archipelago. This data is presented in the following summary table.

Fish Species	<i>Caligus clemensi</i>			<i>Lepeophtheirus salmonis</i>		
	Prevalence	Abundance	Average Intensity	Prevalence	Abundance	Average Intensity
Pink (n=430)	24.4 %	0.3	1.3	15.3 %	0.2	1.5
Chum (n=512)	20.3 %	0.3	1.6	13.3 %	0.2	1.4

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1.0 Introduction

At the request of Marine Harvest Canada, Cermaq Canada and Grieg Seafood BC Ltd beach seine sampling to capture wild juvenile salmon to be analyzed for sea lice infection took place at 32 sites located in the Broughton Archipelago, BC (Figure 1). The sample collection occurred on the 17, 18 and 19 of both April and May 2016. These dates were selected to coincide with the estimated peak outmigration dates of juvenile salmonids.

Parasitic copepods from the family Caligidae (sea lice) found in the coastal waters of British Columbia are divided into two genera: *Lepeophtheirus* and *Caligus*. Eleven species of *Lepeophtheirus* have been identified infecting fish in the Pacific Ocean, while only one species of *Caligus* (*Caligus clemensi*) have been identified (Margolis and Arthur 1979; McDonald and Margolis, 1995). *Caligus clemensi* infect an extremely wide range of natural hosts in the marine environment including salmonids and non-salmonids; while *L. salmonis* natural hosts on the Pacific coast have been found to include Pacific salmon, threespine stickleback and Pacific herring. *Lepeophtheirus* spp. sea lice found on salmonid specimens were assumed to be *L. salmonis* due to the lack of documented infections of Pacific salmon by other *Lepeophtheirus* lice species (Jones and Nemec, 2004).

Both of these genera have similar life histories and developmental stages (Kabata, 1972; Johnson and Albright, 1991a). The sea lice hatch from eggs and develop through two free-swimming naupilii stages before developing into an infectious free-swimming copepodid. At this point, the sea lice attach to their host and develop through four chalimus stages. The chalimus are “non-motile” and are attached to their host by a frontal filament. The final chalimus stage terminates as the sea lice become “motile” and are no longer attached to their hosts by the frontal filament. The sea lice can now move freely on the fish as they develop through a pre-adult stage before becoming reproductively viable adults.

Water temperature and salinity are two environmental variables that influence sea lice development, growth, survival and reproductive rate. In British Columbia, surface seawater temperatures range from approximately 6 °C to 13 °C. Research on sea lice abundance conducted in the Broughton Archipelago and elsewhere on the coast of British Columbia indicates that surface water temperature during the winter months does

not appear to hinder the season abundance of *L. salmonis* (Saksida et al. 2007a, b). The rate of development and the generation times for *C. elongates* are strongly temperature dependent (Tully 1992) and although this research has not been conducted, similar relationships with temperature are to be expected for *C. clemensi* (Jones and Johnson, 2015). Survival and development of *L. salmonis* is optimal in high salinity seawater. Under laboratory conditions copepodid survival was limited to conditions where salinity was greater than 10 ppt (Johnson and Albright, 1991b).

The companies requested monitoring of sea lice abundance, prevalence and intensity on juvenile wild salmon within the Broughton Archipelago in support of Aquaculture Stewardship Certification for their aquaculture sites within the area. This monitoring will also aid in evaluating the effectiveness of the current *Pacific Aquaculture Regulations* DFO notification threshold of an average abundance of motile *Lepeophtheirus spp.* equal to or greater than three lice per cultivated Atlantic salmon (PAR Section 7.7). This data summary report documents the observed sea lice infection rates on retained juvenile salmonids collected in the Broughton Archipelago in 2016.

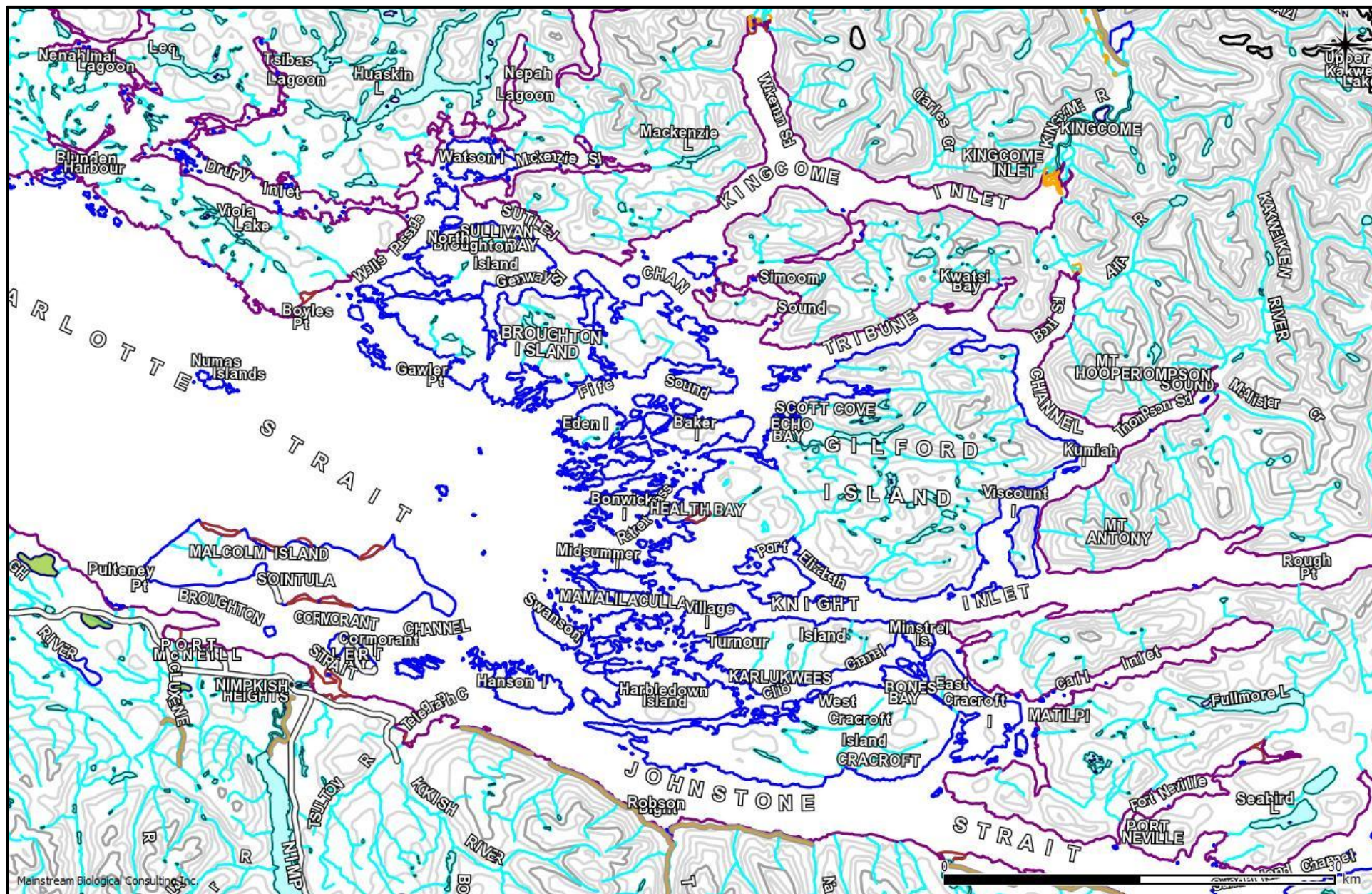


Figure 1: An overview map showing the location of the Broughton Archipelago located northeast of Port McNeill, BC.

2.0 Methods

The fish inspected for sea lice infection were collected from 32 sites in the Broughton Archipelago, BC. These sites were chosen based on their locations relative to existing aquaculture sites in the area and adapted from sites sampled in 2010-2012 (Figure 2). Each site was sampled once during two sampling weeks: April 17, 18 and 19, 2016 and May 17, 18 and 19, 2016.

2.1 Site Locations

The approximate locations of the 32 sites at which beach seining was conducted to collect specimens for sea lice analysis are shown in Figure 2. GPS coordinates collected in the field for the sites are presented in Table 1.

Table 1: The site number and location of the 32 beach seine sites where fish were collected for sea lice analysis in the Broughton Archipelago in 2016.

Site #	Site Name	Latitude	Longitude
1	Swanson Island Fish Farm	50 37.246	126 42.087
2	Midsummer Island Fish Farm (Potts Bay)	50 38.897	126 37.289
3	Chop Bay	50 39.038	126 30.445
4	Lady Island	50 38.523	126 25.789
5	Doctor Island Fish Farm	50 39.355	126 17.211
6	Brent Bay	50 38.746	126 06.200
7	Shelterless Bay	50 40.417	126 06.537
8	Lance Bay	50 40.329	126 08.951
9	Sargeaunt Pass	50 40.220	126 11.731
10	Humphrey Rock	50 41.640	126 15.762
11	Pumish Point	50 42.994	126 11.338
12	Oline Point	50 43.524	126 12.681
13	London Point	50 46.252	126 08.514
14	Miller Point	50 50.026	126 13.518
15	Kwatsi Point	50 50.411	126 15.583
16	Glacier Falls Fish Farm	50 50.935	126 19.435
17	Viner Sound	50 46.818	126 26.086
18	Denham Island	50 47.339	126 29.494
19	Baker Island	50 45.695	126 33.389
20	Jumper Island	50 47.601	126 36.075
21	Arthur Point	50 46.102	126 40.198
22	Wicklow Bay	50 46.831	126 42.303
A	Bennett Point Fish Farm	50 36.563	126 22.023
B	Sambo Point	50 06.110	126 20.618
C	Penphrase Passage	50 49.682	126 34.665
D	Harry Bay	50 50.334	126 38.389
E	Phillip Point West	50 52.322	126 41.107
F	Sutlej North	50 53.281	126 44.573
G	Codrington Point	50 54.304	126 48.689
H	Wehlis Bay Fish Farm	50 52.018	126 55.028
I	Alder Bay	50 52.349	126 52.435
J	Poppelwell Point	50 50.963	126 57.041

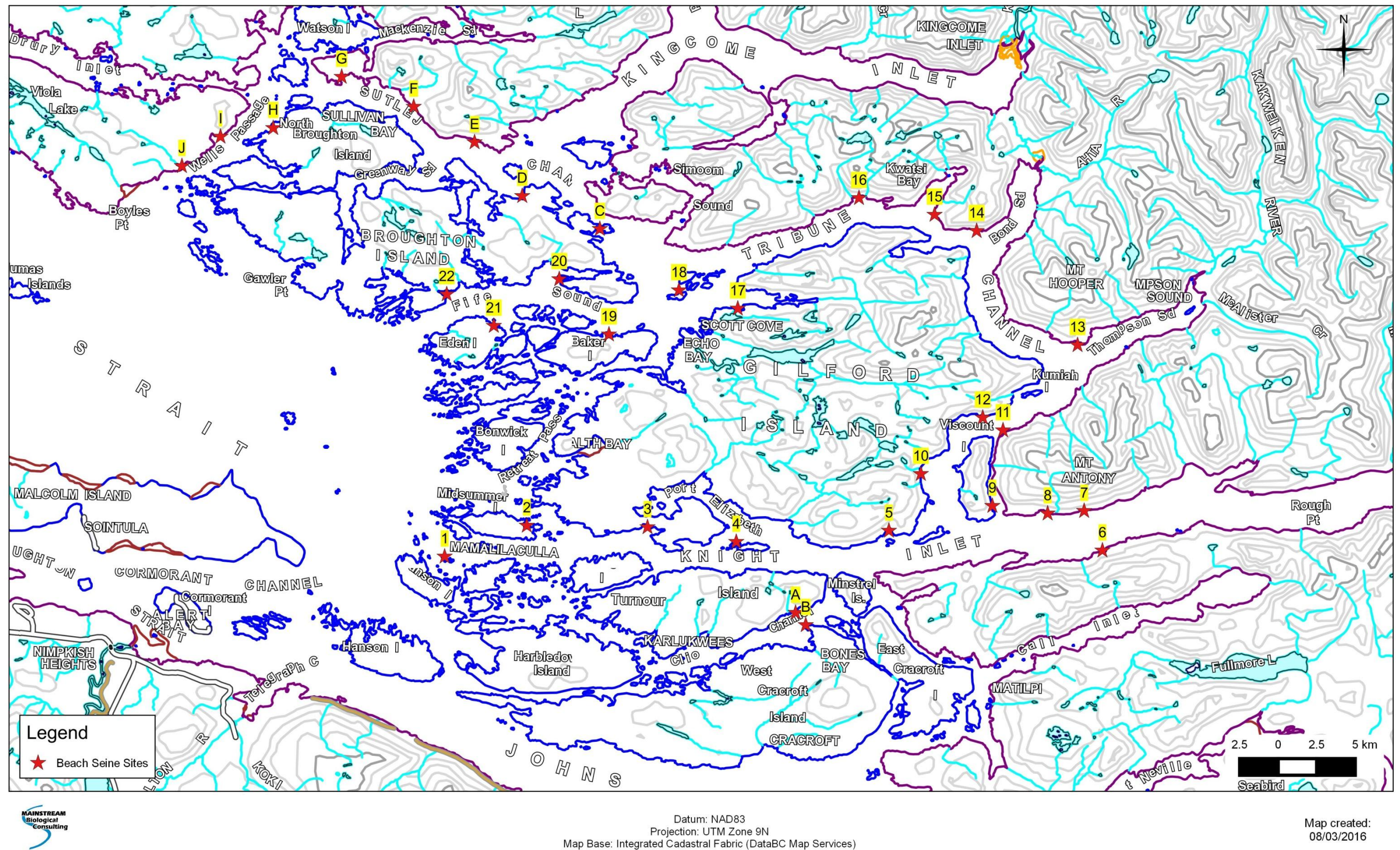


Figure 2: The approximate locations of the 32 beach seine sites (red stars) in the Broughton Archipelago sampled in 2016.

2.2 Field Procedures

Procedures for beach seining, fish collection and field data recording adapted from procedures utilized by the Department of Fisheries and Oceans (DFO) were used for juvenile salmon sampling by Mainstream Biological Consulting staff during sampling in the Broughton Archipelago in 2016.

An 18ft Boston Whaler, powered by a 50 horsepower outboard motor, was used to access the beach seine sites. A 150 ft (45.7 m) long by 12 ft (3.7 m) deep beach seine net was used to capture specimens. The net was constructed in three 50 ft (15.2 m) sections. The centre bunt section consists of one-quarter inch diameter diamond mesh, while the two side panels (wings) consist of half-inch diameter diamond mesh. Floats were located every 30 cm along the top-line and a lead line weighted the bottom of the net.

A three person crew was utilized to conduct the beach seine sets and retrieve samples in a consistent manner at each of the 32 selected sites. All beaches were approached slowly by boat and one crewmember was put ashore with the towline from one end of the beach seine net. The onshore crewmember held the towline at one side of the sample site, while the second crewmember ensured the net deployed smoothly off the bow or side of the boat. The third crewmember, the boat operator, backed the boat in a wide semicircle towards the opposite side of the sample site and remained on the boat. When the net was fully deployed, the second crewmember stepped into the shallow water with the towline or tossed it to the awaiting crewmember on shore. A slow retrieval of the net began immediately.

As the net was slowly retrieved, the probe of a YSI85 water meter was placed just below the water surface at the stern end of the boat, to collect salinity and water temperature data. The YSI85 meter was calibrated daily.

The crewmembers retrieved the net evenly from opposite ends ensuring that the lead line remained as close to the bottom as possible. All retrieved netting was piled on the beach above the water level. As the retrieval reached the net bunt, the lead line was retrieved at a faster rate than the floats to allow the netting of the bunt to form a bag under the captured fish. The lead line was then pulled up onto the beach above the water level. One crewmember worked their way around the outside of the net in the

shallow water to ensure the floats stayed above the surface of the water. In this manner a small, shallow bag formed from the bunt of the net held the captured fish in the water.

The three crewmembers participated in the collection of individual fish to ensure that captured fish remained in the net for as short a period of time as possible. The net was manipulated, if necessary, in response to rising or falling tides in order to ensure the captured fish remained in the net and were held in sufficient water to minimize stress. The level of sufficient water was dependant on the size and numbers of captured fish, but was generally thought of as enough water to minimize fish contact with the net or with other fish.

A total of 30 individuals from each target species captured or all of the individuals present (if less than 30) were collected as samples for sea lice infection analysis. Individual fish were “swam” into an appropriately sized whirlpac bag. All handling of fish was kept to a minimum.

When all the fish for retention were collected, a total catch number for each species was recorded. The fish remaining in the net were counted out of the seine net, or an estimate of the remaining fish was made (estimates were used when it appeared that more than 500 individuals from any given species remained in the net). The total of fish remaining in the net was added to the number of retained individuals to calculate a total capture number for a given species.

A crewmember recorded all the information from each beach seine set in a standardized field form. The information recorded included the following:

- The site number (Site 1-22, A-J);
- The date;
- The time at the end of the individual fish collection;
- Comments on weather and oceanic conditions;
- Total capture and retained fish numbers for each specimen group; and
- Water temperature (°C) and salinity (ppt) to one decimal place.

The retained fish from each site were packaged separately in re-sealable bags and labelled with the site number (Site 1-22, A-J) and the week number (Week 1 or 2). Site sample bags were placed in a portable freezer, which was plugged into the boat's

battery. The specimens were transferred to a freezer immediately upon return from the field.

The beach seine net was reloaded onto the bow of the boat. Crewmembers scanned the net for obvious holes, which were repaired immediately if found. The YSI85 meter was shut off and stored, and all gear and coolers were reloaded into the boat.

The above procedures for beach seine net deployment and retrieval, as well as those described for fish collection, were repeated at all 32 sample sites.

2.3 Laboratory Procedures

Collected sample fish were frozen and delivered to the Center for Aquatic Health Sciences (CAHS) for laboratory analysis. Sea lice observed on the individual fish specimens during laboratory analysis were identified as either non-motile chalimus, or motile pre-adults and adults. Lice identified as being in any of the four chalimus stages were identified as *Lepeophtheirus salmonis* or *Caligus clemensi*. Motile lice, either pre-adults or adults, were identified as either *Lepeophtheirus salmonis* or *Caligus clemensi* and the sex of the louse was determined. Sea lice infection data was tabulated by CAHS and provided to Mainstream Biological Consulting for reporting.

Data provided by CAHS also included measured fork length in millimetres and weight (recorded to the nearest tenth of a gram). Lengths and weights were recorded with the specimen's corresponding sea lice analysis results.

2.4 Data Analysis

Surface water quality data collected for temperature and salinity was summarized to report the minimum and maximum values as well as the calculated averages for each sample week.

Beach seine fish sample composition was summarized by species and site for each week. The recorded fork lengths and weights of the juvenile salmon sample population were summarized to present minimum and maximum values as well as calculated averages. Sea lice infection rates, including the number of infected fish and the number of sea lice identified, were determined for the juvenile salmon sample population. Prevalence, as defined as the number of host fish found to have one or more sea lice

compared to the total number of host fish examined, was determined for the sample population and for chum, pink and coho salmon. Abundance, as defined as the total number of sea lice observed compared to the total number of host fish examined, was also determined for the sample population and chum, pink and coho salmon. The intensity of sea lice infection, as described by the number of sea lice found on a single salmon was summarized. Average intensity was calculated by dividing the total number of sea lice identified by the number of infected fish

Statistical analysis of the spatial and temporal distribution of sea lice was not conducted. Spatial and temporal analysis has been limited to the simple presentation and discussion of the number of sea lice found on fish specimens collected from each site during each of the sampling events.

3.0 Results

The following sections outline the results of beach seine collection and subsequent sea lice infectoin analysis of juvenile salmonids collected from the Broughton Archipelago, BC, in 2016. Water quality field data is presented in Appendix I, beach seine fish capture data is included in Appendix II and data on the juvenile salmon sample population including sea lice lab analysis results provided by CAHS are located in Appendix III.

3.1 Water Quality Parameters

Surface measurements of water temperature and salinity, taken during beach seining at each of the 32 sites during the sample period, are presented in Table 2. The field data recorded at each site, which includes data collected at the surface, 1.0 m depth if possible and 5.0 m depth if possible, is included in Appendix I.

Recorded surface water temperatures ranged from a low of 9.1 °C recorded at Sites 1 and 2 on April 17, 2016, to a high of 14.4 °C recorded at Site C on May 18, 2016 (Table 2; Appendix I). Calculated weekly average surface water temperatures increased from 9.9 °C for April 17/18/19, 2016, to 12.1 °C for May 17/18/19, 2016.

Recorded surface water salinity ranged from a low of 5.4 ppt recorded at Site D on May 18, 2016, to a high of 30.4 ppt recorded at Sites 1 and 2 on May 17, 2016 (Table 2; Appendix I). The calculated weekly average surface water salinity decreased from 26.8 ppt for April 17/18/19, 2016 to 22.9 ppt for May 17/18/19, 2016.

Table 2: Surface water quality parameters collected at beach seine sites in the Broughton Archipelago in 2016.

Site	Site Name	April 17/18/19, 2016		May 17/18/19, 2016	
		Temp. (°C)	Salinity (ppt)	Temp. (°C)	Salinity (ppt)
1	Swanson Island Fish Farm	9.1	29.7	9.8	30.4
2	Midsummer Island Fish Farm (Potts Bay)	9.1	30.0	9.8	30.4
3	Chop Bay	9.3	28.3	10.3	29.5
4	Lady Island	9.3	27.9	11.7	28.1
5	Doctor Island Fish Farm	9.6	27.1	12.4	24.9
6	Brent Bay	NA	NA	12.2	25.7
7	Shelterless Bay	NA	NA	11.8	24.6
8	Lance Bay	9.7	25.5	11.6	25.8
9	Sargeaunt Pass	9.8	25.6	11.8	26.5
10	Humphrey Rock	10.1	26.5	11.1	26.3
11	Pumish Point	9.5	27.4	13.0	22.9
12	Oline Point	9.7	27.0	11.8	25.4
13	London Point	9.5	25.9	12.7	17.9
14	Miller Point	9.4	28.4	13.0	23.7
15	Kwatsi Point	9.5	28.5	13.1	22.0
16	Glacier Falls Fish Farm	9.4	28.7	12.3	25.1
17	Viner Sound	10.0	27.8	13.5	23.7
18	Denham Island	10.2	25.0	13.5	12.5
19	Baker Island	12.9	26.6	11.9	19.9
20	Jumper Island	10.6	27.0	10.7	28.2
21	Arthur Point	10.3	28.5	10.7	28.5
22	Wicklow Bay	9.9	28.4	10.7	28.3
A	Bennett Point Fish Farm	9.2	29.0	13.8	21.0
B	Sambo Point	9.5	28.8	14.0	21.4
C	Penphrase Passage	10.7	22.8	14.4	7.9
D	Harry Bay	10.1	23.4	14.0	5.4
E	Phillip Point West	10.7	19.3	13.9	5.6
F	Sutlej North	10.5	22.8	12.3	23.9
G	Codrington Point	10.6	23.8	14.3	11.3
H	Wehlis Bay Fish Farm	9.5	28.3	10.4	29.1
I	Alder Bay	9.6	27.9	11.0	27.1
J	Poppelwell Point	9.6	28.2	10.5	29.1
Average		9.9	26.8	12.1	22.9

3.2 Fish Sample Composition

A total of 2462 fish were captured during beach seine sampling conducted in the Broughton Archipelago in 2016. Of those, 969 individual fish (39.4 %) were collected as sample specimens and underwent analysis for sea lice infection (Table 3). The total collected fish from each species and the percentage that it represents of the total beach seine capture population is presented in Table 3. Pink salmon and chum salmon were

the most common species captured during sampling in 2016. Of the 1451 pink salmon captured, 430 individuals (29.6 %) were retained and underwent lab analysis. Of the 984 chum salmon captured, 512 individuals (52.0 %) were retained and underwent lab analysis. All of the coho salmon and threespine stickleback captured were retained and analyzed for sea lice infection (Table 3). No chinook salmon were captured during beach seine sampling in the Broughton Archipelago in 2016.

A summary of the total number of fish captured and collected as specimens at each site over the collection period can be found in Table 4. Totals of fish captured and collected specimens at each site over the entire collection period can be found in Appendix II. No fish were caught at Sites 1, 2, 6, 12, 13, A, B, D, I and J.

Table 3: The total of collected individuals of each fish species captured in the Broughton Archipelago, BC in April and May 2016, and the percentage of the total capture population that they represent.

Common Name	Capture Totals (% of total capture population)	Collection Totals	Collection %
pink salmon	1451 (58.9%)	430	29.6
chum salmon	984 (40.0%)	512	52.0
coho salmon	25 (1.0%)	25	100
Three spine stickleback	2 (0.1%)	2	100
All species	2462	969	39.4

Table 4: The number of captured fish (Capture Total) and the number of individual fish collected (Sample Total) from each of the 32 sample sites in the Broughton Archipelago, BC in April and May 2016.

Site	Site Name	Chum		Coho		Pink		Capture Total	Sample Total
		Capture Total	Sample Total	Capture Total	Sample Total	Capture Total	Sample Total		
1	Swanson Island Fish Farm	0	-	0	-	0	-	0	-
2	Midsummer Island Fish Farm (Potts Bay)	0	-	0	-	0	-	0	-
3	Chop Bay	0	-	0	-	4	4	4	4
4	Lady Island	51	36	0	-	39	37	90	73
5	Doctor Island Fish Farm	5	5	0	-	9	9	14	14
6	Brent Bay	0	-	0	-	0	-	0	-
7	Shelterless Bay	37	29	1	1	24	24	62	54
8	Lance Bay	0	-	2	2	0	-	2	2
9	Sargeaunt Pass	71	51	14	14	74	49	159	114
10	Humphrey Rock	70	30	0	-	670	30	740	60
11	Pumish Point	0	-	1	1	0	-	1	1
12	Oline Point	0	-	0	-	0	-	0	-
13	London Point	0	-	0	-	0	-	0	-
14	Miller Point	9	9	2	2	52	30	63	41
15	Kwatsi Point	17	17	0	-	61	31	78	48
16	Glacier Falls Fish Farm	3	3	0	-	8	8	11	11
17	Viner Sound	6	6	0	-	1	1	7	7
18	Denham Island	1	1	0	-	3	3	4	4
19	Baker Island	45	34	0	-	70	29	115	63
20	Jumper Island	29	29	0	-	37	26	66	55
21	Arthur Point	40	37	0	-	105	23	145	60
22	Wicklow Bay	4	4	0	-	3	3	7	7
A	Bennett Point Fish Farm	0	-	0	-	0	-	0	-
B	Sambo Point	0	-	0	-	0	-	0	-
C	Penphrase Passage	131	66	0	-	83	23	214	89
D	Harry Bay	0	-	0	-	0	-	0	-
E	Phillip Point West	42	36	3	3	0	-	45	39
F	Sutlej North	278	61	1	1	34	34	313	96
G	Codrington Point	55	30	1	1	0	-	56	31
H	Wehlis Bay Fish Farm	90	28	0	-	174	66	264	94
I	Alder Bay	0	-	0	-	0	-	0	-
J	Poppelwell Point	0	-	0	-	0	-	0	-
	Total	984	512	25	25	1451	430	2460	967

3.3 Fish Sample Size Statistics

Summary statistics for the sample population of juvenile salmonids were completed for weight and fork length. This was completed for chum and pink salmon only as there were insufficient numbers of coho salmon (n=25) captured to warrant this analysis.

3.3.1 Chum Salmon

Analysis of weight and fork length data was completed for the chum salmon sample population collected in the Broughton Archipelago in 2016. The weight of 512 chum smolts collected during the two sample events ranged from 0.3 g to 12.1 g and averaged 2.0 g (SD = 1.9). The fork length of the chum smolts ranged from 30 mm to 101 mm and averaged 52 mm (SD = 14.9). Chum salmon weight and length data was summarized by month which shows the increase in both parameters in the sample population from April to May (Table 5).

3.3.2 Pink Salmon

Analysis of weight and fork length data was completed for the pink salmon sample population collected in the Broughton Archipelago in 2016. The weight of 430 pink smolts collected during the two sample events ranged from 0.2 g to 9.3 g and averaged 1.4 g (SD = 1.4). The fork length of the pink smolts ranged from 30 mm to 93 mm and averaged 47 mm (SD = 13.4). Pink salmon weight and length data was summarized by month which shows the increase in both parameters in the sample population from April to May (Table 5).

Table 5: Average weights and lengths summarized by month of chum and pink salmon collected in the Broughton Archipelago in 2016.

Species	Weight (g)		Length (mm)	
	April	May	April	May
Chum	0.8 (n=282)	3.5 (n=230)	42	65
Pink	0.6 (n=272)	2.8 (n=158)	38	61

3.4 Sea Lice Infection Rates

The results of the laboratory analysis for the presence of sea lice on the wild juvenile salmonid sample population collected in the Broughton Archipelago in 2016 are presented in Table 6. The data recorded for each fish in the sample population during lab analysis is included in Appendix III. A total of 967 juvenile salmon were collected at

32 sites in the Broughton Archipelago in 2016 and were inspected for sea lice infection. A total of 312 juvenile salmonids in the sample population were found to be infected with 528 sea lice (Table 6). A total of 152 chum smolts, 146 pink salmon and 24 coho salmon were found to be infected with sea lice (Table 6). This data reflects the identification of sea lice of either species (*L. salmonis* and *C. clemensi*) on inspected juvenile salmon.

Prevalence was defined as the number of fish found to be infected with one or more sea louse compared to the total number of fish. Abundance was defined as the total number of sea lice observed compared to the total number of fish (Table 6). The sea lice prevalence in the juvenile salmonid sample population collected in the Broughton Archipelago in 2016 was 32.3% and the abundance was 0.6. Sea lice counts of both species observed (*L. salmonis* and *C. clemensi*) were added together for the prevalence and abundance calculations.

The intensity of sea lice infection, as defined as the number of sea lice on a single infected salmon, ranged from one louse found on 197 individuals to a maximum of eight lice found on one juvenile salmon. There were 60 salmon infected with two lice, 29 salmon infected by three lice, 18 salmon infected by four lice, four salmon were found to have five lice and six lice while one salmon was infected by seven lice. The average intensity was calculated by dividing the total number of sea lice by the number of infected fish of each species (Table 6).

Table 6: Results of analysis for sea lice infection on salmonid smolts collected by beach seine in the Broughton Archipelago, BC in 2016.

Species	Sample size (n)	Total number of lice observed	Total number of fish infected	Prevalence (%)	Abundance	Average Intensity
chum	512	262	152	29.7	0.5	1.7
coho	25	24	14	56.0	1.0	1.7
pink	430	242	146	33.9	0.6	1.7
Total	967	528	312	32.3	0.6	1.7

3.4.1 Infection Rates on Chum Salmon

A total of 152 chum salmon were found to be infected with 262 sea lice (Table 6). The results of the laboratory analysis for sea lice infection for the chum salmon sample population are presented by site in Table 7. Individual sites with a total capture of more than 10 chum salmon are shown separately in Table 7, while sites with a capture total of less than 10 chum salmon are lumped together and presented at the bottom of the table. Sea lice counts of both sea lice species observed (*L. salmonis* and *C. clemensi*) were added together for the presentation of sea lice infection, prevalence and abundance on the chum salmon sample population (Table 6 and 7). For the chum salmon sample population (n=512) there were more infected individuals (82 chum) and more sea lice (142 lice) found on chum salmon collected in April than in May (Table 7).

A total of 152 chum salmon were found to be infected with at least one sea louse. The prevalence of sea lice on the chum salmon sample population (n=512) collected in the Broughton Archipelago in 2016 was 29.7 %. Sea lice prevalence on chum salmon was similar between the April (29.1 %) and May (30.4 %) sample periods in 2016. The highest sea lice prevalence (84.6 %) was at Site H - Wehlis Bay Fish Farm in May 2016. Sea lice prevalence calculated by site for the total chum sample population was highly variable ranging from 0 to a high of 82.1 (Table 7).

A total of 262 sea lice were identified during laboratory analysis of retained chum salmon. The abundance of sea lice on the chum salmon sample population (n=512) collected in the Broughton Archipelago in 2016 was 0.51. Sea lice abundance was calculated by week and by site and is presented in Table 7. Sea lice abundance on chum salmon was similar between the April (0.50) and May (0.52) sample periods in 2016. The highest sea lice abundance (2.1) was again at Site H in May 2016. Sea lice abundance calculated by site for the total chum sample population was also highly variable ranging from 0 to a high of 2.1 (Table 7).

Table 7: The number of sea lice found on chum salmon collected in the Broughton Archipelago in 2016 summarized by the sites where beach seining was conducted. Sites with a capture total of 10 chum salmon or more are shown and sites with capture totals of less than 10 chum salmon are lumped. Calculated sea lice prevalence, abundance and average intensity is also included by site.

Site	Sample Week														Total Chum Sample Population		
	April 17/18/19, 2016							May 17/18/19, 2016							Prevalence (%)	Abundance	Average Intensity
	# of Chum Analyzed	# of Infected Chum	Average Weight of Infected Chum (g)	# of Lice	Prevalence (%)	Abundance	Average Intensity	# of Chum Analyzed	# of Infected Chum	Average Weight of Infected Chum (g)	# of Lice	Prevalence (%)	Abundance	Average Intensity			
4 Lady Island	31	9	0.6	21	29.0	0.7	2.3	5	1	0.4	1	20.0	0.2	1.0	27.8	0.6	2.2
7 Shelterless Bay	0	-	-	-	-	-	-	29	9	2.9	9	31.0	0.3	1.0	31.0	0.3	1.0
9 Sargeaunt Pass	31	8	0.6	12	25.8	0.4	1.5	20	7	2.1	12	35.0	0.6	1.7	29.4	0.5	1.6
10 Humphrey Rock	30	0	-	0	0	0	0	0	-	-	-	-	-	-	0	0	0
15 Kwatsi Point	17	1	1.2	1	5.9	0.1	1	0	-	-	-	-	-	-	5.90	0.1	1.0
19 Baker Island	33	13	0.8	26	39.4	0.8	2	1	0	-	0	-	-	-	38.2	0.8	2.0
20 Jumper Island	28	17	0.7	32	60.7	1.1	1.9	1	0	-	0	-	-	-	58.6	1.0	1.9
21 Arthur Point	0	-	-	-	-	-	-	37	14	4.7	17	37.8	0.5	1.2	37.8	0.5	1.2
C Penphrase Passage	37	18	1.5	27	48.6	0.7	1.5	29	3	2.7	3	10.3	0.1	1.0	31.8	0.5	1.4
E Philip Point West	30	8	1.0	12	26.7	0.4	1.5	6	0	-	0	0	0	0	22.2	0.3	1.5
F Sutlej North	29	4	0.8	4	13.8	0.1	1.0	32	2	3.6	2	6.3	0.1	1.0	9.8	0.1	1.0
G Codrington Point	0	-	-	-	-	-	-	30	5	4.0	5	16.7	0.2	1.0	16.7	0.2	1.0
H Wehlis Bay Fish Farm	2	1	0.6	1	50.0	0.5	1.0	26	22	4.6	59	84.6	2.3	2.7	82.1	2.1	2.6
Lumped Sites	14	3	0.7	6	21.4	0.4	2.0	14	7	1.9	12	50.0	0.9	1.7	35.7	0.6	1.8
TOTAL	282	82	1.0	142	29.1	0.5	1.7	230	70	3.8	120	30.4	0.5	1.7	29.7	0.5	1.7

3.4.2 Infection Rates on Pink Salmon

A total of 146 pink salmon were found to be infected with 242 sea lice (Table 6). The results of the laboratory analysis for sea lice infection for the pink salmon sample population are presented by site in Table 8. Individual sites with a total capture of more than 10 pink salmon are shown in Table 8, while sites with a capture total of less than 10 pink salmon are lumped together and presented at the bottom of the table. Sea lice counts of both sea lice species observed (*L. salmonis* and *C. clemensi*) were added together for the presentation of sea lice infection, prevalence and abundance on the pink salmon sample population (Table 6 and 8). For the pink salmon sample population (n=430) there were more infected individuals (92 pinks) and more sea lice (164 lice) found on pink salmon collected in April than in May (Table 8).

A total of 146 pink salmon were found to be infected with at least one sea louse. The prevalence of sea lice on the pink salmon sample population (n=430) collected in the Broughton Archipelago in 2016 was 33.9 %. Sea lice prevalence on pink salmon was similar between the April (33.8 %) and May (34.2 %) sample periods in 2016. The highest sea lice prevalence (64.0 %) was at Site 20 – Jumper Island in April 2016 (Table 8). Sea lice prevalence calculated by site for the total pink sample population was highly variable ranging from 0 to a high of 61.5 % (Table 8).

A total of 242 sea lice were identified during laboratory analysis of retained pink salmon. The abundance of sea lice on the pink salmon sample population (n=430) collected in the Broughton Archipelago in 2016 was 0.6. Sea lice abundance was calculated by week and by site and is presented in Table 8. Sea lice abundance on pink salmon was higher in April (0.6) than in May (0.5) in 2016. The highest sea lice abundance at an individual site (1.3) was Site 20 – Jumper Island in April 2016. Sea lice abundance calculated by site for the total pink sample population was also highly variable ranging from 0 to a high of 1.2 at Site 20 – Jumper Island (Table 8).

Table 8: The number of sea lice found on pink salmon collected in the Broughton Archipelago in 2016 summarized by the sites where beach seining was conducted. Sites with a capture total of 10 pink salmon or more are shown and sites with capture totals of less than 10 pink salmon are lumped. Calculated sea lice prevalence, abundance and average intensity is also included by site.

Site	Sample Week														Total Pink Sample Population		
	April 17/18/19, 2016							May 17/18/19, 2016									
	# of Pinks Analyzed	# of Infected Pinks	Average Weight of Infected Pinks (g)	# of Lice	Prevalence (%)	Abundance	Average Intensity	# of Pinks Analyzed	# of Infected Pinks	Average Weight of Infected Pinks (g)	# of Lice	Prevalence (%)	Abundance	Average Intensity	Prevalence (%)	Abundance	Average Intensity
4 Lady Island	29	11	0.4	26	37.9	0.9	2.4	8	3	0.9	3	37.5	0.4	1.0	37.8	0.8	2.1
7 Shelterless Bay	-	-	-	-	-	-	-	24	3	1.6	3	12.5	0.1	1.0	12.5	0.1	1.0
9 Sargeaunt Pass	29	9	0.7	10	31.0	0.3	1.1	20	6	1.8	6	30.0	0.3	1.0	30.6	0.3	1.1
10 Humphrey Rock	30	5	0.4	7	16.7	0.2	1.4	-	-	-	-	-	-	-	16.7	0.2	1.4
14 Miller Point	-	-	-	-	-	-	-	30	13	2.5	16	43.3	0.5	1.2	43.3	0.5	1.2
15 Kwatsi Point	31	14	0.5	22	45.2	0.7	1.6	-	-	-	-	-	-	-	45.2	0.7	1.6
19 Baker Island	29	10	0.6	20	34.5	0.7	2.0	-	-	-	-	-	-	-	34.5	0.7	2.0
20 Jumper Island	25	16	0.7	32	64.0	1.3	2.0	1	0	-	0	0	0	0	61.5	1.2	2.0
21 Arthur Point	-	-	-	-	-	-	-	23	4	3.7	7	17.4	0.3	1.8	17.4	0.3	1.8
C Penphrase Passage	23	9	1.2	14	39.1	0.6	1.6	-	-	-	-	-	-	-	39.1	0.6	1.6
F Sutlej North	32	2	0.6	2	6.3	0.6	1.0	2	0	-	0	0	0	0	5.9	0.6	1.0
H Wehlis Bay Fish Farm	31	8	0.6	13	25.8	0.4	1.6	35	20	4.2	33	57.1	0.9	1.7	42.4	0.7	1.6
Lumped Sites	13	8	0.5	18	61.5	1.4	2.3	15	5	1.8	10	33.3	0.7	2.0	46.4	1.0	2.2
TOTAL	272	92	0.63	164	33.8	0.6	1.8	158	54	2.71	78	34.2	0.5	1.4	33.9	0.6	1.7

3.4.3 Infection Rates on other species

Coho salmon were the third most abundant species collected during beach seine sampling in the Broughton Archipelago in 2016 (n= 25). A total of 14 coho salmon were found to be infected with 24 sea lice resulting in a species prevalence of 56.0 % and an abundance of 1.0 (Table 6). The infected coho salmon were all collected in May from Sites 8, 9, 14 and E. Ten of the infected coho salmon fry were collected at Site 9 – Sargeaunt Pass.

The two threespine stickleback that were collected during beach seine sampling in the Broughton Archipelago in 2016 were both infected with sea lice. The threespine stickleback collected at Site 13 on April 18, 2016 was infected with three *L. salmonis* lice and two *C. clemensi* lice. The threespine stickleback collected at Site 5 on May 17, 2016 was infected with two *C. clemensi* lice.

3.5 Infection Rates by Sea Lice Species

A total of 210 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 140 juvenile salmon and 318 *Caligus clemensi* sea lice were found on 217 of the juvenile salmon analyzed in the lab (Appendix III). There were 45 juvenile salmon that were infected with both a *L. salmonis* and a *C. clemensi* sea louse.

3.5.1 Infection Rates by Sea lice Species on Chum Salmon

An analysis of the species of sea lice identified on the 512 chum salmon collected in the Broughton Archipelago was completed and is presented in Table 9. A total of 98 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 68 juvenile chum salmon and 164 *Caligus clemensi* sea lice were found on 104 of the juvenile chum salmon analyzed in the lab (Appendix III). There were 20 juvenile chum salmon that were infected with both a *L. salmonis* and a *C. clemensi* sea louse. The sea lice species identified on chum salmon are also presented by site by week in Table 10. Individual sites with a total capture of more than 10 chum salmon are shown in Table 10, while sites with a capture total of less than 10 chum salmon are lumped together and presented at the bottom of the table.

Table 9: The number of sea lice in each life stage by species identified on the chum salmon sample population from the Broughton Archipelago in 2016. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

Life Stage ¹	April 17/18/19, 2016	May 17/18/19, 2016
LEP Co	11	5
LEP C1	6	3
LEP C2	10	2
LEP C3	12	2
LEP C4	17	8
LEP PAM	5	3
LEP PAF	3	1
LEP AM	1	5
LEP AF	0	4
TOTAL LEP	65	33
CAL Co	5	2
CAL C1	52	59
CAL C2	8	7
CAL C3	4	4
CAL C4	8	3
CAL PAM	0	0
CAL PAF	0	0
CAL AM	0	3
CAL AF	0	9
TOTAL CAL	77	87

¹ Lice life stage codes: Co = copepodid, C1-4 = chalimus 1-4, PAM = pre-adult male, PAF = pre-adult female, AM = adult male, AF = adult female.

Table 10: The species of sea lice found on chum salmon collected in the Broughton Archipelago in 2016 summarized by the sites where beach seining was conducted. Sites with a total capture of more than 10 chum salmon are shown, while sites with a capture total of less than 10 chum salmon are lumped. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

Site	Sample Week								TOTAL		
	April 17/18/19, 2016				May 17/18/19, 2016				# of Chum Analyzed	# of Infected Chum	# of Lice
	# of Chum Analyzed	# of Infected Chum	# of LEP	# of CAL	# of Chum Analyzed	# of Infected Chum	# of LEP	# of CAL			
4 Lady Island	31	9	12	9	5	1	0	1	36	10	22
7 Shelterless Bay	0	-	-	-	29	9	8	1	29	9	9
9 Sargeaunt Pass	31	8	8	4	20	7	9	3	51	15	24
10 Humphrey Rock	30	0	0	0	0	-	-	-	30	0	0
15 Kwatsi Point	17	1	0	1	0	-	-	-	17	1	1
19 Baker Island	33	13	18	8	1	0	0	0	34	13	26
20 Jumper Island	28	17	10	22	1	0	0	0	29	17	32
21 Arthur Point	0	-	-	-	37	14	6	11	37	14	17
C Penphrase Passage	37	18	7	20	29	3	3	0	66	21	30
E Philip Point West	30	8	6	6	6	0	0	0	36	8	12
F Sutlej North	29	4	2	2	32	2	0	2	61	6	6
G Codrington Point	0	-	-	-	30	5	0	5	30	5	5
H Wehlis Bay Fish Farm	2	1	0	1	26	22	3	56	28	23	60
Lumped Sites	14	3	2	4	14	7	4	8	28	10	18
TOTAL	282	82	65	77	230	70	33	87	512	152	262

3.5.2 Infection Rates by Sea lice Species on Pink Salmon

An analysis of the species of sea lice identified on the 430 pink salmon collected in the Broughton Archipelago was completed and is presented in Table 11. A total of 102 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 66 juvenile pink salmon and 140 *Caligus clemensi* sea lice were found on 105 of the juvenile pink salmon analyzed in the lab (Appendix III). There were 25 juvenile pink salmon that were infected with both a *L. salmonis* and a *C. clemensi* sea louse. The sea lice species identified on pink salmon are also presented by site and week in Table 12. Individual sites with a total capture of more than 10 pink salmon are shown in Table 12, while sites with a capture total of less than 10 pink salmon are lumped together and shown at the bottom of the table.

Table 11: The number of sea lice in each life stage by species identified on the pink salmon sample population from the Broughton Archipelago in 2016. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

Life Stage ¹	April 17/18/19, 2016	May 17/18/19, 2016
LEP Co	6	5
LEP C1	4	1
LEP C2	12	0
LEP C3	25	2
LEP C4	24	0
LEP PAM	6	1
LEP PAF	0	2
LEP AM	0	7
LEP AF	0	8
TOTAL LEP	77	25
CAL Co	1	0
CAL C1	40	34
CAL C2	24	2
CAL C3	15	1
CAL C4	6	0
CAL PAM	0	0
CAL PAF	0	0
CAL AM	1	4
CAL AF	0	12
TOTAL CAL	87	53

¹ Lice life stage codes: Co = copepodid, C1-4 = chalimus 1-4, PAM = pre-adult male, PAF = pre-adult female, AM = adult male, AF = adult female.

Table 12: The species of sea lice found on pink salmon collected in the Broughton Archipelago in 2016 summarized by the sites where beach seining was conducted. Sites with a total capture of more than 10 pink salmon are shown, while sites with a capture total of less than 10 pink salmon are lumped. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

Site	Sample Week								TOTAL		
	April 17/18/19, 2016				May 17/18/19, 2016				# of Pinks Analyzed	# of Infected Pinks	# of Lice
	# of Pinks Analyzed	# of Infected Pinks	# of LEP	# of CAL	# of Pinks Analyzed	# of Infected Pinks	# of LEP	# of CAL			
4 Lady Island	29	11	16	10	8	3	2	1	37	14	29
7 Shelterless Bay	-	-	-	-	24	3	0	3	24	3	3
9 Sargeaunt Pass	29	9	4	6	20	6	6	0	49	15	16
10 Humphrey Rock	30	5	4	3	-	-	-	-	30	5	7
14 Miller Point	-	-	-	-	30	13	6	10	30	13	16
15 Kwatsi Point	31	14	4	18	-	-	-	-	31	14	22
19 Baker Island	29	10	10	10	-	-	-	-	29	10	20
20 Jumper Island	25	16	9	23	1	0	0	0	26	16	32
21 Arthur Point	-	-	-	-	23	4	4	3	23	4	7
C Penphrase Passage	23	9	6	8	-	-	-	-	23	9	14
F Sutlej North	32	2	0	2	2	0	0	0	34	2	2
H Wehlis Bay Fish Farm	31	8	9	4	35	20	4	29	66	28	46
Lumped Sites	13	8	15	3	15	5	3	7	28	13	28
TOTAL	272	92	77	88	158	54	25	53	430	146	242

3.5.3 Infection Rates by Sea lice Species on Coho Salmon

The sea lice species found on the 25 coho salmon are presented in Table 13. Only one coho salmon was collected in April and it was not infected with sea lice of either species. Of the 24 coho salmon collected in May, a total of 10 *Lepeophtheirus salmonis* sea lice of various life stages were identified on six juvenile coho salmon all collected at Site 9 – Sargeaunt Pass and 14 *Caligus clemensi* sea lice were found on eight juvenile coho salmon analyzed in the lab (Appendix III). None of the coho salmon collected were infected with both a *L. salmonis* and a *C. clemensi* sea louse. The locations where the individual infected fish were collected are presented in Table 14.

Table 13: The number of sea lice in each life stage by species identified on coho salmon from the Broughton Archipelago in 2016. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

Life Stage ¹	April 17/18/19, 2016	May 17/18/19, 2016
LEP Co	0	0
LEP C1	0	0
LEP C2	0	0
LEP C3	0	0
LEP C4	0	0
LEP PAM	0	1
LEP PAF	0	2
LEP AM	0	2
LEP AF	0	5
TOTAL LEP	0	10
CAL Co	0	0
CAL C1	0	4
CAL C2	0	3
CAL C3	0	1
CAL C4	0	0
CAL PAM	0	0
CAL PAF	0	2
CAL AM	0	0
CAL AF	0	4
TOTAL CAL	0	14

¹ Lice life stage codes: Co = copepodid, C1-4 = chalimus 1-4, PAM = pre-adult male, PAF = pre-adult female, AM = adult male, AF = adult female.

Table 14: The distribution of sea lice species identified on coho salmon collected in the Broughton Archipelago in 2016 by site. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

Species	# of individuals	Date Collected	Site	# of LEP	# of CAL
CO	6	May 17, 2016	9	10	0
CO	4	May 17, 2016	9	0	7
CO	1	May 17, 2016	8	0	1
CO	2	May 18, 2016	14	0	5
CO	1	May 18, 2016	E	0	1
TOTAL	14			10	14

4.0 Conclusions

This report presents the data from the second year of beach seining and sea lice analysis conducted for wild juvenile salmonid monitoring in the Broughton Archipelago, BC by Marine Harvest Canada. This report is limited to the summary and presentation of the 2016 collected data and includes additional sites added on behalf of Cermaq Canada and Grieg Seafood BC Ltd.

A total of 967 wild juvenile salmonids underwent lab analysis for sea lice infection including 512 chum, 430 pink, 25 coho. A total of 312 individuals were found to be infected with sea lice in the total sample population, resulting in a calculated sea lice prevalence of 32.3 % in 2016. A total of 528 sea lice were found during laboratory analysis resulting in an abundance of 0.6 for the sample population.

A total of 984 chum salmon were captured, representing 40.0 % of all captured salmonids. Of the 984 chum captured, 512 were kept for lab analysis for sea lice infection. A total of 152 chum smolts were found to be infected with 262 lice resulting in a calculated prevalence of 29.7 % and an abundance of 0.5 for the chum salmon sample population.

A total of 1451 pink salmon were captured, representing 58.9 % of all captured salmonids. Of the 1451 pinks captured, 430 were kept for lab analysis for sea lice infection. A total of 146 pink salmon were found to be infected with 242 lice resulting in a calculated prevalence of 33.9 % and an abundance of 0.6 for the pink salmon sample population.

A total of 210 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 140 juvenile salmon and 318 *Caligus clemensi* sea lice were found on 217 of the juvenile salmon analyzed in the lab. There were 45 juvenile salmon that were infected with both a *L. salmonis* and a *C. clemensi* sea louse.

For the chum salmon sample population, a total of 98 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 68 juvenile chum salmon and 164 *Caligus clemensi* sea lice were found on 104 of the juvenile chum salmon. There were 20 juvenile chum salmon that were infected with both a *L. salmonis* and a *C. clemensi* sea louse.

For the pink salmon sample population, a total of 102 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 66 juvenile pink salmon and 140 *Caligus clemensi* sea lice were found on 105 of the juvenile pink salmon. There were 25 juvenile pink salmon that were infected with both a *L. salmonis* and a *C. clemensi* sea louse.

A comparison of the prevalence, abundance and average intensity of sea lice species found on chum and pink salmon was completed for sample data from 2016 collected in the Broughton Archipelago. This data is presented in the following summary table.

Fish Species	<i>Caligus clemensi</i>			<i>Lepeophtheirus salmonis</i>		
	Prevalence	Abundance	Average Intensity	Prevalence	Abundance	Average Intensity
Pink (n=430)	24.4 %	0.3	1.3	15.3 %	0.2	1.5
Chum (n=512)	20.3 %	0.3	1.6	13.3 %	0.2	1.4

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Appendix I – Field Data

Date	Site	Site Name	Salinity (ppt)			Temperature (deg C.)		
			0.2m	1.0m	5.0m	0.2m	1.0m	5.0m
17/04/2016	1	Swanson Island Fish Farm	29.7	29.6	29.6	9.1	9.1	9.1
17/04/2016	2	Midsummer Island Fish Farm (Pott's Bay)	30.0	30.0	30.0	9.1	9.0	9.1
17/04/2016	3	Chop Bay	28.3	28.3	28.4	9.3	9.3	9.2
17/04/2016	4	Lady Island	27.9	27.9	27.9	9.3	9.3	9.2
17/04/2016	5	Doctor Island Fish Farm	27.1	27.1	27.1	9.6	9.6	9.5
18/04/2016	6	Brent bay	NA	NA	NA	NA	NA	NA
18/04/2016	7	Shelterless Bay	NA	NA	NA	NA	NA	NA
18/04/2016	8	Lance Bay	25.5	25.5	25.5	9.7	9.6	9.6
17/04/2016	9	Sargeaunt Pass	25.6	25.6	NA	9.8	9.8	NA
17/04/2016	10	Humphrey Rock	26.5	26.7	NA	10.1	10.0	NA
17/04/2016	11	Pumish Point	27.4	27.4	27.5	9.5	9.5	9.5
17/04/2016	12	Oline Point	27.0	27.0	27.0	9.7	9.7	9.7
18/04/2016	13	London Point	25.9	26.4	27.9	9.5	9.5	9.4
18/04/2016	14	Millar Point	28.4	28.5	28.8	9.4	9.4	9.3
18/04/2016	15	Kwatsi Point	28.5	28.6	28.7	9.5	9.5	9.4
18/04/2016	16	Glacier Falls Fish Farm	28.7	28.7	28.7	9.4	9.4	9.4
18/04/2016	17	Viner Sound	27.8	27.8	27.9	10.0	10.0	9.8
18/04/2016	18	Denham Island	25.0	26.5	NA	10.2	9.8	NA
18/04/2016	19	Baker Island	26.6	26.6	NA	12.9	11.9	NA
18/04/2016	20	Jumper Island	27.0	27.0	NA	10.6	10.5	NA
18/04/2016	21	Arthur Point	28.5	28.7	29.3	10.3	9.9	9.4
18/04/2016	22	Wicklows Point	28.4	28.8	28.9	9.9	9.5	9.4
17/04/2016	A	Bennett Point Fish Farm	29.0	29.1	29.4	9.2	9.0	9.0
17/04/2016	B	Sambo Point	28.8	28.8	28.8	9.5	9.3	9.2
19/04/2016	C	Penphrase Pass	22.8	22.9	NA	10.7	10.7	NA
19/04/2016	D	Harry Bay	23.4	23.5	23.6	10.1	10.2	10.1
19/04/2016	E	Phillip Point West	19.3	23.0	NA	10.7	11.0	NA
19/04/2016	F	Sutlej North	22.8	NA	NA	10.5	NA	NA
19/04/2016	G	Codrington Point	23.8	23.8	23.9	10.6	10.6	10.5
19/04/2016	H	Wehlis Bay Fish Farm	28.3	28.6	28.8	9.5	9.4	9.4
19/04/2016	I	Alder Bay	27.9	27.9	28.9	9.6	9.6	9.3
19/04/2016	J	Poppelwell Point	28.2	28.2	28.2	9.6	9.6	9.6
17/05/2016	1	Swanson Island Fish Farm	30.4	30.3	NA	9.8	9.8	NA
17/05/2016	2	Midsummer Island Fish Farm (Pott's Bay)	30.4	30.4	0.0	9.8	9.7	NA

Date	Site	Site Name	Salinity (ppt)			Temperature (deg C.)		
			0.2m	1.0m	5.0m	0.2m	1.0m	5.0m
17/05/2016	3	Chop Bay	29.5	29.5	NA	10.3	10.2	NA
17/05/2016	4	Lady Island	28.1	NA	NA	11.7	NA	NA
17/05/2016	5	Doctor Island Fish Farm	24.9	25.0	25.5	12.4	12.2	11.8
17/05/2016	6	Brent bay	25.7	25.7	25.7	12.2	12.2	12.0
17/05/2016	7	Shelterless Bay	24.6	24.7	24.9	11.8	11.7	11.6
17/05/2016	8	Lance Bay	25.8	25.8	25.9	11.6	11.6	11.4
17/05/2016	9	Sargeaunt Pass	26.5	26.5	NA	11.8	11.5	NA
17/05/2016	10	Humphrey Rock	26.3	26.5	27.1	11.1	11.0	10.6
17/05/2016	11	Pumish Point	22.9	23.5	24.4	13.0	12.7	12.1
17/05/2016	12	Oline Point	25.4	26.0	26.5	11.8	11.3	11.1
18/05/2016	13	London Point	17.9	19.2	25.3	12.7	12.7	11.6
18/05/2016	14	Millar Point	23.7	23.7	25.1	13.0	13.0	12.7
18/05/2016	15	Kwatsi Point	22.0	22.0	22.2	13.1	13.1	13.1
18/05/2016	16	Glacier Falls Fish Farm	25.1	25.2	25.6	12.3	12.3	12.3
18/05/2016	17	Viner Sound	23.7	23.7	23.9	13.5	13.5	13.6
18/05/2016	18	Denham Island	12.5	15.5	27.6	13.5	13.6	11.5
19/05/2016	19	Baker Island	19.9	19.9	NA	11.9	12.0	NA
19/05/2016	20	Jumper Island	28.2	NA	NA	10.7	NA	NA
19/05/2016	21	Arthur Point	28.5	28.7	NA	10.7	10.6	NA
19/05/2016	22	Wicklow Point	28.3	28.7	NA	10.7	10.5	NA
17/05/2016	A	Bennett Point Fish Farm	21.0	21.0	26.8	13.8	13.8	11.6
17/05/2016	B	Sambo Point	21.4	21.6	28.4	14.0	13.8	10.9
18/05/2016	C	Penphrase Pass	7.9	8.2	26.8	14.4	14.5	11.7
18/05/2016	D	Harry Bay	5.4	5.5	26.0	14.0	14.0	12.2
18/05/2016	E	Phillip Point West	5.6	13.0	NA	13.9	14.4	NA
18/05/2016	F	Sutlej North	23.9	28.0	28.3	12.3	11.0	10.9
18/05/2016	G	Codrington Point	11.3	11.7	25.3	14.3	14.3	12.2
18/05/2016	H	Wehlis Bay Fish Farm	29.1	29.1	29.3	10.4	10.3	10.2
18/05/2016	I	Alder Bay	27.1	28.2	28.9	11.0	10.6	10.3
18/05/2016	J	Poppelwell Point	29.1	29.1	29.1	10.5	10.4	10.4

Appendix II – Capture and Collection Sample Totals

Date	Site	Site Name	Weather Comments	Pink Captured	Pink Retained	Chum Captured	Chum Retained	Coho Captured	Coho Retained	Chinook Captured	Chinook Retained	TSB Captured	TSB Retained	Comments
17/04/2016	1	Swanson Island Fish Farm	Overcast, light chop	0	0	0	0	0	0	0	0	0	0	New set location in bay near farm housing. No fish seen in search
17/04/2016	2	Midsummer Island Fish Farm	High overcast	0	0	0	0	0	0	0	0	0	0	2 fish observed flipping near site
17/04/2016	3	Chop Bay	Light chop, high overcast	1	1	0	0	0	0	0	0	0	0	No fish seen in search
17/04/2016	4	Lady Island	Light chop, high overcast	31	29	46	31	0	0	0	0	0	0	No fish seen in search
17/04/2016	5	Doctor Island Fish Farm	High overcast, calm	5	5	3	3	0	0	0	0	0	0	No fish seen in search
18/04/2016	6	Brent bay	Strong outflow wind	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Sets omitted due to weather/safety
18/04/2016	7	Shelterless Bay		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
18/04/2016	8	Lance Bay	Strong outflow winds	0	0	0	0	1	1	0	0	0	0	2ft chop at site
17/04/2016	9	Sargeaunt Pass	Small chop at site	54	29	51	31	0	0	0	0	0	0	No search due to chop
17/04/2016	10	Humphrey Rock	Calm, overcast	670	30	70	30	0	0	0	0	0	0	Set done in lee of point
17/04/2016	11	Pumish Point	Calm, high overcast	0	0	0	0	0	0	0	0	0	0	Strong ebb tide flattened the net
17/04/2016	12	Oline Point	Calm, partial clearing	0	0	0	0	0	0	0	0	0	0	Set done at alternate location due to strong tide
18/04/2016	13	London Point	Calm, light overcast	0	0	0	0	0	0	0	0	1	1	1 fish seen flipping, 12 tubesnouts
18/04/2016	14	Millar Point	Calm, clear	0	0	0	0	0	0	0	0	0	0	No fish seen in extensive search
18/04/2016	15	Kwatsi Point	Calm, clear	61	31	17	17	0	0	0	0	0	0	No fish seen in extensive search
18/04/2016	16	Glacier Falls Fish Farm	Calm, clear	0	0	0	0	0	0	0	0	0	0	No fish seen in search
18/04/2016	17	Viner Sound	Calm, clear	1	1	6	6	0	0	0	0	0	0	No fish observed
18/04/2016	18	Denham Island	Light chop at site, clear	3	3	1	1	0	0	0	0	0	0	Set across entire bay on beach. 1 fish escaped over cork line
18/04/2016	19	Baker Island	Sunny, calm	70	29	44	33	0	0	0	0	0	0	Set on a school of fish
18/04/2016	20	Jumper Island	Breezy, clear	36	25	28	28	0	0	0	0	0	0	Set on only location on beach
18/04/2016	21	Arthur Point	Sunny, calm	0	0	0	0	0	0	0	0	0	0	2 small groups <20 of fish observed near site
18/04/2016	22	Wicklow Point	Sunny, calm	3	3	4	4	0	0	0	0	0	0	No fish observed during search
17/04/2016	A	Bennett Point Fish Farm	Overcast, calm	0	0	0	0	0	0	0	0	0	0	No fish seen in search
17/04/2016	B	Sambo Point	Calm, overcast	0	0	0	0	0	0	0	0	0	0	No fish seen in search
19/04/2016	C	Penphrase Pass	Calm, overcast	83	23	102	37	0	0	0	0	0	0	New site, set on observed fish
19/04/2016	D	Harry Bay	Calm, overcast	0	0	0	0	0	0	0	0	0	0	No fish observed
19/04/2016	E	Phillip Point West	Calm, overcast	0	0	36	30	0	0	0	0	0	0	Fish seen at site
19/04/2016	F	Sutlej North	Calm, overcast	32	32	231	29	0	0	0	0	0	0	Fish seen at site
19/04/2016	G	Codrington Point	Calm, overcast	0	0	0	0	0	0	0	0	0	0	No fish seen at site
19/04/2016	H	Wehlis Bay Fish Farm	Calm, overcast	52	31	2	2	0	0	0	0	0	0	No fish seen at site
19/04/2016	I	Alder Bay	Calm, overcast	0	0	0	0	0	0	0	0	0	0	No fish seen at site
19/04/2016	J	Poppelwell Point	Calm, overcast	0	0	0	0	0	0	0	0	0	0	No fish seen at site

Date	Site	Site Name	Weather Comments	Pink Captured	Pink Retained	Chum Captured	Chum Retained	Coho Captured	Coho Retained	Chinook Captured	Chinook Retained	TSB Captured	TSB Retained	Comments
17/05/2016	1	Swanson Island Fish Farm	Overcast, calm	0	0	0	0	0	0	0	0	0	0	Fish seen in the middle of bay. One large school. Sculpin and ~ 100 juvenile sandlance
17/05/2016	2	Midsummer Island Fish Farm	Overcast, calm	0	0	0	0	0	0	0	0	0	0	Set on school of fish, pipefish
17/05/2016	3	Chop Bay	Overcast, calm	3	3	0	0	0	0	0	0	0	0	No fish seen
17/05/2016	4	Lady Island	Overcast, calm	8	8	5	5	0	0	0	0	0	0	No fish seen in bay, set on beach
17/05/2016	5	Doctor Island Fish Farm	Overcast, calm	4	4	2	2	0	0	0	0	1	1	No fish seen
17/05/2016	6	Brent bay	Overcast, slight chop	0	0	0	0	0	0	0	0	0	0	No fish seen
17/05/2016	7	Shelterless Bay	Slight chop, overcast	24	24	37	29	1	1	0	0	0	0	Limited search due to chop
17/05/2016	8	Lance Bay	Overcast, calm	0	0	0	0	1	1	0	0	0	0	No fish seen
17/05/2016	9	Sargeaunt Pass	Overcast, calm	20	20	20	20	14	14	0	0	0	0	Fish seen jumping at site
17/05/2016	10	Humphrey Rock	Overcast, calm	0	0	0	0	0	0	0	0	0	0	No fish seen, one surf perch
17/05/2016	11	Pumish Point	Overcast, calm	0	0	0	0	1	1	0	0	0	0	Limited search, only 1 set location
17/05/2016	12	Oline Point	Overcast, calm	0	0	0	0	0	0	0	0	0	0	No fish seen, one herring
18/05/2016	13	London Point	Overcast, slight chop	0	0	0	0	0	0	0	0	0	0	No fish seen
18/05/2016	14	Millar Point	Overcast, slight chop	52	30	9	9	2	2	0	0	0	0	No fish seen. Set in only calm protected area
18/05/2016	15	Kwatsi Point	2ft chop on site	0	0	0	0	0	0	0	0	0	0	No search due to chop, 1 pile perch
18/05/2016	16	Glacier Falls Fish Farm	3 ft chop at site	8	8	3	3	0	0	0	0	0	0	Had to bucket fish due to chop
18/05/2016	17	Viner Sound	Calm, showers	0	0	0	0	0	0	0	0	0	0	No fish seen
18/05/2016	18	Denham Island	Overcast, calm	0	0	0	0	0	0	0	0	0	0	1 fish seen jumping near site, 1 herring
19/05/2016	19	Baker Island	Overcast, calm	0	0	1	1	0	0	0	0	0	0	No fish seen
19/05/2016	20	Jumper Island	Overcast	1	1	1	1	0	0	0	0	0	0	No fish seen in bay, 1 shiner perch, 2 tubesnout
19/05/2016	21	Arthur Point	Overcast, calm, with swells	98	23	47	37	0	0	0	0	0	0	
19/05/2016	22	Wicklow Point	Overcast, calm	0	0	0	0	0	0	0	0	0	0	No fish seen
17/05/2016	A	Bennett Point Fish Farm	Overcast, calm	0	0	0	0	0	0	0	0	0	0	No fish seen in search, 40 shiner perch
17/05/2016	B	Sambo Point	Sunny, calm	0	0	0	0	0	0	0	0	0	0	No fish seen, 60 shiner perch
18/05/2016	C	Penphrase Pass	Overcast, calm	0	0	29	29	0	0	0	0	0	0	No fish seen
18/05/2016	D	Harry Bay	Overcast, calm	0	0	0	0	0	0	0	0	0	0	Fish jumping on site, 1 shiner perch
18/05/2016	E	Phillip Point West	Overcast, calm	0	0	6	6	3	3	0	0	0	0	No fish seen in small bay
18/05/2016	F	Sutlej North	Overcast, calm	2	2	47	32	1	1	0	0	0	0	No fish seen, 350 herring
18/05/2016	G	Codrington Point	Overcast, clam	0	0	55	30	1	1	0	0	0	0	Fish seen jumping at site
18/05/2016	H	Wehlis Bay Fish Farm	Slight chop, overcast	128	35	83	26	0	0	0	0	0	0	Set on fish at site
18/05/2016	I	Alder Bay	Overcast, calm	0	0	0	0	0	0	0	0	0	0	No fish seen
18/05/2016	J	Poppelwell Point	Calm, showers	0	0	0	0	0	0	0	0	0	0	No fish seen

Appendix III – Sea Lice Analysis Data

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
17-Apr-16	3	Chop Bay	PK	37	0.46	0	0	0	1	2	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	37	0.50	0	0	0	2	1	0	0	0	0	3	0	1	0	0	0	0	0	0	0	1
17-Apr-16	4	Lady Island	PK	32	0.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	35	0.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	34	0.53	0	0	0	0	6	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	33	0.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	37	0.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	33	0.44	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
17-Apr-16	4	Lady Island	PK	31	0.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	32	0.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	31	0.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	33	0.39	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
17-Apr-16	4	Lady Island	PK	34	0.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	31	0.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	34	0.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	34	0.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	39	0.54	0	0	0	1	1	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1
17-Apr-16	4	Lady Island	PK	36	0.50	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	34	0.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	33	0.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	36	0.44	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
17-Apr-16	4	Lady Island	PK	34	0.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	44	0.94	0	0	1	1	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	1
17-Apr-16	4	Lady Island	CM	38	0.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	41	0.72	1	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	34	0.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	34	0.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	43	0.67	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
17-Apr-16	4	Lady Island	CM	38	0.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	38	0.34	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
17-Apr-16	4	Lady Island	CM	38	0.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	31	0.37	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	31	0.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	32	0.34	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
17-Apr-16	4	Lady Island	PK	34	0.37	0	0	0	1	1	0	0	0	0	2	0	1	1	2	0	0	0	0	0	4
17-Apr-16	4	Lady Island	PK	34	0.41	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	33	0.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	32	0.39	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	34	0.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	PK	36	0.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	36	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	46	1.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	38	0.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	41	0.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	34	0.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	37	0.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	43	0.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	38	0.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	36	0.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	42	0.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	39	0.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	43	0.98	0	0	0	2	0	0	1	0	0	3	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	46	0.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	39	0.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	36	0.51	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
17-Apr-16	4	Lady Island	CM	34	0.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	40	0.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	43	0.82	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1
17-Apr-16	4	Lady Island	CM	46	1.12	0	0	0	0	3	0	0	0	0	3	0	4	0	0	0	0	0	0	0	4
17-Apr-16	4	Lady Island	CM	36	0.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	4	Lady Island	CM	37	0.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	5	Doctor Island FF	PK	39	0.66	0	1	2	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
17-Apr-16	5	Doctor Island FF	CM	40	0.63	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
17-Apr-16	5	Doctor Island FF	PK	40	0.68	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
17-Apr-16	5	Doctor Island FF	PK	36	0.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	5	Doctor Island FF	PK	38	0.53	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
17-Apr-16	5	Doctor Island FF	PK	39	0.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	5	Doctor Island FF	CM	37	0.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	5	Doctor Island FF	CM	42	0.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	8	Lance Bay	CO	105	12.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	41	0.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	35	0.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
17-Apr-16	9	Sargeaunt Pass	CM	35	0.41	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	41	0.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	37	0.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	37	0.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	46	1.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	34	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	35	0.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	38	0.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	39	0.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	39	0.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	36	0.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	37	0.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	39	0.59	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	38	0.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	41	0.62	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
17-Apr-16	9	Sargeaunt Pass	PK	34	0.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	38	0.57	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
17-Apr-16	9	Sargeaunt Pass	PK	35	0.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	35	0.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	38	0.61	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	33	0.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	41	0.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	38	0.53	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
17-Apr-16	9	Sargeaunt Pass	PK	46	0.88	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
17-Apr-16	9	Sargeaunt Pass	PK	33	0.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	37	0.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	34	0.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	41	0.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	66	2.88	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	37	0.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	38	0.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	39	0.56	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
17-Apr-16	9	Sargeaunt Pass	PK	37	0.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	46	0.95	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
17-Apr-16	9	Sargeaunt Pass	CM	41	0.84	0	0	1	1	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	44	0.82	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	37	0.50	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
17-Apr-16	9	Sargeaunt Pass	CM	35	0.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
17-Apr-16	9	Sargeaunt Pass	CM	39	0.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	44	0.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	39	0.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	38	0.50	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
17-Apr-16	9	Sargeaunt Pass	CM	42	0.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	45	0.93	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	39	0.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	41	0.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	42	0.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	35	0.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	43	0.68	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	39	0.57	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
17-Apr-16	9	Sargeaunt Pass	CM	39	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	41	0.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	36	0.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	CM	36	0.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	41	0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	36	0.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	42	0.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	9	Sargeaunt Pass	PK	37	0.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	30	0.20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	36	0.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	32	0.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	33	0.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	36	0.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	37	0.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	34	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	34	0.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	35	0.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	37	0.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	37	0.53	0	0	0	1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	40	0.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	38	0.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	34	0.29	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
17-Apr-16	10	Humphrey Rock	PK	36	0.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	36	0.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	36	0.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	31	0.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
17-Apr-16	10	Humphrey Rock	PK	37	0.43	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
17-Apr-16	10	Humphrey Rock	PK	40	0.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	37	0.44	0	0	0	1	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	33	0.36	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
17-Apr-16	10	Humphrey Rock	PK	38	0.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	39	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	38	0.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	34	0.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	33	0.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	33	0.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	35	0.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	41	0.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	PK	38	0.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	37	0.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	41	0.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	37	0.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	40	0.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	36	0.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	41	0.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	37	0.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	47	0.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	43	0.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	39	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	43	0.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	37	0.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	38	0.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	41	0.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	47	1.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	40	0.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	39	0.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	41	0.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	39	0.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	37	0.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	36	0.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	40	0.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	42	0.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	41	0.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	40	0.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
17-Apr-16	10	Humphrey Rock	CM	40	0.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	36	0.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	35	0.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Apr-16	10	Humphrey Rock	CM	38	0.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	13	London Point	TSB	46	1.02	0	0	0	1	1	1	0	0	0	3	0	0	2	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	CM	36	0.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	CM	37	0.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	CM	45	1.18	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-Apr-16	15	Kwatsi Point	CM	40	0.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	CM	35	0.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	CM	39	0.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	CM	35	0.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	CM	34	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	CM	33	0.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	CM	36	0.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	CM	34	0.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	CM	35	0.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	CM	32	0.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	CM	34	0.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	CM	38	0.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	CM	34	0.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	CM	35	0.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	PK	38	0.49	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
18-Apr-16	15	Kwatsi Point	PK	39	0.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	PK	35	0.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	PK	40	0.59	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
18-Apr-16	15	Kwatsi Point	PK	35	0.40	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
18-Apr-16	15	Kwatsi Point	PK	36	0.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	PK	40	0.52	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
18-Apr-16	15	Kwatsi Point	PK	36	0.50	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
18-Apr-16	15	Kwatsi Point	PK	39	0.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	PK	37	0.43	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1
18-Apr-16	15	Kwatsi Point	PK	36	0.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	PK	35	0.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	PK	37	0.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	PK	36	0.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	PK	39	0.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	PK	40	0.61	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
18-Apr-16	15	Kwatsi Point	PK	40	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	PK	40	0.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	PK	34	0.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	PK	40	0.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	PK	39	0.56	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	PK	38	0.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	PK	40	0.62	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	3
18-Apr-16	15	Kwatsi Point	PK	36	0.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	PK	34	0.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	PK	36	0.43	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
18-Apr-16	15	Kwatsi Point	PK	35	0.43	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
18-Apr-16	15	Kwatsi Point	PK	38	0.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	15	Kwatsi Point	PK	37	0.51	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-Apr-16	15	Kwatsi Point	PK	38	0.52	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
18-Apr-16	15	Kwatsi Point	PK	40	0.68	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1
18-Apr-16	17	Viner Sound	CM	38	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	17	Viner Sound	CM	34	0.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	17	Viner Sound	CM	33	0.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	17	Viner Sound	CM	36	0.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	17	Viner Sound	CM	33	0.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	17	Viner Sound	CM	35	0.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	17	Viner Sound	PK	33	0.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	18	Denham Is	PK	40	0.56	0	0	1	1	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
18-Apr-16	18	Denham Is	PK	35	0.37	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-Apr-16	18	Denham Is	CM	35	0.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	18	Denham Is	PK	37	0.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	50	1.56	2	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	46	1.16	1	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	85?	0.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	35	0.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	46	1.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	34	0.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	36	0.60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	44	0.94	0	0	1	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	48	1.21	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
18-Apr-16	19	Baker Island	CM	54	1.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	38	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	36	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
18-Apr-16	19	Baker Island	CM	41	0.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	34	0.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	35	0.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	34	0.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	38	0.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	35	0.47	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-Apr-16	19	Baker Island	CM	37	0.56	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-Apr-16	19	Baker Island	CM	60	2.30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-Apr-16	19	Baker Island	CM	58	2.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	33	0.89	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1
18-Apr-16	19	Baker Island	CM	33	0.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	34	0.35	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	37	0.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	35	0.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	34	0.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	40	0.73	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	41	0.76	0	1	0	0	1	0	0	0	0	2	0	0	0	0	1	0	0	0	0	1
18-Apr-16	19	Baker Island	CM	40	0.7	0	0	0	0	2	0	0	0	0	2	0	0	0	0	1	0	0	0	0	1
18-Apr-16	19	Baker Island	CM	41	0.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	CM	41	0.81	0	1	0	0	1	1	0	0	0	3	0	0	0	1	0	0	0	0	0	1
18-Apr-16	19	Baker Island	CM	44	0.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	PK	40	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	PK	42	0.58	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-Apr-16	19	Baker Island	PK	33	0.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	PK	35	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	PK	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	PK	35	0.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	PK	40	0.73	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
18-Apr-16	19	Baker Island	PK	38	0.55	0	0	0	0	1	0	0	0	0	1	0	1	1	0	0	0	0	0	0	2
18-Apr-16	19	Baker Island	PK	40	0.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	PK	38	0.6	0	0	2	2	0	0	0	0	0	4	0	1	0	0	0	0	0	0	0	1
18-Apr-16	19	Baker Island	PK	40	0.72	0	0	0	0	1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	1
18-Apr-16	19	Baker Island	PK	38	0.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	PK	34	0.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	PK	45	0.94	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	PK	37	0.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	PK	48	1.1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-Apr-16	19	Baker Island	PK	38	0.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
18-Apr-16	19	Baker Island	PK	34	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	PK	37	0.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	PK	37	0.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	PK	37	0.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	PK	37	0.53	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
18-Apr-16	19	Baker Island	PK	44	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	PK	36	0.49	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
18-Apr-16	19	Baker Island	PK	33	0.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	PK	35	0.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	PK	30	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	PK	35	0.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	19	Baker Island	PK	35	0.42	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	CM	34	0.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	CM	35	0.47	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	CM	33	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	CM	42	0.75	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-Apr-16	20	Jumper Island	CM	35	0.45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-Apr-16	20	Jumper Island	CM	44	0.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	CM	38	0.66	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	CM	44	1.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	CM	41	0.80	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	CM	37	0.63	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-Apr-16	20	Jumper Island	CM	30	0.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	CM	39	0.60	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
18-Apr-16	20	Jumper Island	CM	39	0.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	PK	46	0.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
18-Apr-16	20	Jumper Island	PK	37	0.47	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-Apr-16	20	Jumper Island	PK	34	0.33	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
18-Apr-16	20	Jumper Island	PK	37	0.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	PK	38	0.48	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
18-Apr-16	20	Jumper Island	PK	44	0.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	PK	35	0.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	PK	37	0.50	0	0	0	1	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	2
18-Apr-16	20	Jumper Island	PK	47	1.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	PK	36	0.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	PK	36	0.48	0	0	2	0	0	0	0	0	0	2	0	1	0	0	1	0	0	0	0	2
18-Apr-16	20	Jumper Island	PK	35	0.42	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1
18-Apr-16	20	Jumper Island	PK	43	0.80	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
18-Apr-16	20	Jumper Island	PK	42	0.81	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
18-Apr-16	20	Jumper Island	PK	35	0.46	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-Apr-16	20	Jumper Island	PK	33	0.26	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
18-Apr-16	20	Jumper Island	PK	38	0.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	PK	49	1.53	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
18-Apr-16	20	Jumper Island	PK	36	0.42	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	4
18-Apr-16	20	Jumper Island	PK	51	1.33	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
18-Apr-16	20	Jumper Island	PK	54	1.84	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	PK	37	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	PK	35	0.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	PK	43	0.70	0	0	0	1	1	0	0	0	0	2	1	0	0	1	0	0	0	0	0	2
18-Apr-16	20	Jumper Island	PK	45	0.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	CM	45	0.95	0	0	0	0	0	2	0	0	0	2	1	0	0	0	0	0	0	0	0	1
18-Apr-16	20	Jumper Island	CM	45	1.00	0	0	0	0	1	1	0	0	0	2	1	1	0	0	0	0	0	0	0	2
18-Apr-16	20	Jumper Island	CM	46	1.26	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2
18-Apr-16	20	Jumper Island	CM	39	0.68	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	CM	43	0.78	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	CM	40	0.67	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
18-Apr-16	20	Jumper Island	CM	40	0.65	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	3
18-Apr-16	20	Jumper Island	CM	50	1.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	CM	35	0.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	CM	34	0.34	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
18-Apr-16	20	Jumper Island	CM	37	0.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	CM	39	0.63	0	0	0	0	1	0	0	0	0	1	0	2	0	1	0	0	0	0	0	3
18-Apr-16	20	Jumper Island	CM	37	0.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	CM	39	0.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	20	Jumper Island	CM	38	0.64	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	3
18-Apr-16	22	Wicklow Point	CM	35	0.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	22	Wicklow Point	PK	31	0.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-16	22	Wicklow Point	CM	46	1.09	0	0	0	1	1	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1
18-Apr-16	22	Wicklow Point	PK	41	0.60	0	0	0	1	1	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0
18-Apr-16	22	Wicklow Point	CM	40	0.70	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
18-Apr-16	22	Wicklow Point	PK	43	0.66	1	0	0	0	1	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0
18-Apr-16	22	Wicklow Point	CM	35	0.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	PK	45	0.78	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
19-Apr-16	C	Penphase Pass	PK	44	0.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	PK	49	1.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	PK	44	0.85	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
19-Apr-16	C	Penphase Pass	PK	38	0.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	PK	46	0.92	0	0	0	3	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	1
19-Apr-16	C	Penphase Pass	PK	36	0.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	PK	35	0.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	PK	42	0.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	PK	43	0.71	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	PK	38	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	PK	39	0.66	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
19-Apr-16	C	Penphase Pass	PK	34	0.54	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
19-Apr-16	C	Penphase Pass	PK	40	0.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	PK	41	0.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	PK	38	0.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	PK	39	0.60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	58	2.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	64	2.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	47	1.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	48	1.31	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
19-Apr-16	C	Penphase Pass	CM	50	1.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	39	0.84	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	45	0.97	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	57	2.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	50	1.47	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
19-Apr-16	C	Penphase Pass	CM	46	0.97	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
19-Apr-16	C	Penphase Pass	CM	40	0.64	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
19-Apr-16	C	Penphase Pass	CM	39	1.36	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	52	1.60	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	49	1.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	49	1.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	57	1.79	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2
19-Apr-16	C	Penphase Pass	CM	47	1.21	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
19-Apr-16	C	Penphase Pass	CM	70	3.44	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
19-Apr-16	C	Penphase Pass	CM	52	1.43	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
19-Apr-16	C	Penphase Pass	CM	49	1.27	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
19-Apr-16	C	Penphase Pass	PK	62	2.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	63	2.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	58	2.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	40	0.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	51	1.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
19-Apr-16	C	Penphase Pass	CM	46	0.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	56	2.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	61	2.30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
19-Apr-16	C	Penphase Pass	CM	52	1.44	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	3
19-Apr-16	C	Penphase Pass	CM	45	0.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	44	1.03	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
19-Apr-16	C	Penphase Pass	CM	46	0.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	43	0.91	1	0	0	0	2	0	0	0	0	3	0	1	0	2	0	0	0	0	0	3
19-Apr-16	C	Penphase Pass	CM	55	1.78	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
19-Apr-16	C	Penphase Pass	CM	44	1.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	58	1.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	40	0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	CM	45	0.90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	PK	54	1.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	PK	43	0.72	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	PK	52	1.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	C	Penphase Pass	PK	48	0.90	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
19-Apr-16	C	Penphase Pass	PK	40	0.64	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	52	1.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	50	1.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	42	0.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	40	0.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	46	0.89	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
19-Apr-16	E	Phillip Point West	CM	48	1.20	0	1	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	2
19-Apr-16	E	Phillip Point West	CM	49	1.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	54	1.70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	42	0.80	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	46	1.05	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	38	0.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	59	2.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	40	0.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	52	1.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	41	0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	43	0.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	43	0.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	46	0.92	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
19-Apr-16	E	Phillip Point West	CM	40	0.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	42	0.80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
19-Apr-16	E	Phillip Point West	CM	40	0.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	53	1.65	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	1
19-Apr-16	E	Phillip Point West	CM	47	1.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	45	0.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	39	0.62	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	39	0.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	42	0.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	43	0.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	E	Phillip Point West	CM	42	0.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	35	0.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	39	0.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	43	0.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	39	0.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	41	0.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	33	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	40	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	35	0.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	38	0.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	40	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	49	1.14	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
19-Apr-16	F	Sutlej North	PK	46	0.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	38	0.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	41	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	36	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	41	0.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	41	0.63	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
19-Apr-16	F	Sutlej North	PK	42	0.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	40	0.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	34	0.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	36	0.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	55	1.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	43	0.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	41	0.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	41	0.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	43	0.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	36	0.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	44	0.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
19-Apr-16	F	Sutlej North	CM	45	0.83	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	45	0.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	41	0.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	50	1.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	53	1.81	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	51	1.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	46	0.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	47	1.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	34	0.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	39	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	45	1.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	39	0.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	40	0.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	39	0.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	45	0.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	42	0.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	48	1.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	47	0.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	46	0.99	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
19-Apr-16	F	Sutlej North	CM	48	1.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	48	1.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	40	0.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	43	0.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	32	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	39	0.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	49	0.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	CM	37	0.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	44	0.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	45	0.80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	40	0.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	39	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	F	Sutlej North	PK	40	0.54	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
19-Apr-16	H	Wehlis Bay FF	PK	33	0.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	35	0.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	33	0.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	34	0.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	38	0.55	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	34	0.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
19-Apr-16	H	Wehlis Bay FF	PK	33	0.50	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1
19-Apr-16	H	Wehlis Bay FF	PK	41	0.80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	39	0.65	1	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	38	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	35	0.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	34	0.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	34	0.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	36	0.65	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	33	0.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	34	0.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	36	0.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	33	0.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	38	0.50	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	38	0.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	35	0.48	1	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	2
19-Apr-16	H	Wehlis Bay FF	PK	34	0.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	40	0.68	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	37	0.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	34	0.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	34	0.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	39	0.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	38	0.56	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1
19-Apr-16	H	Wehlis Bay FF	PK	39	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	30	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	PK	35	0.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	CM	47	1.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Apr-16	H	Wehlis Bay FF	CM	37	0.58	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
19-Apr-16	E	Phillip Point West	CM	50	1.27	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-May-16	3	Chop Bay	PK	50	1.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	3	Chop Bay	PK	55	1.88	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
17-May-16	3	Chop Bay	PK	62	2.49	1	0	0	0	0	0	0	1	1	3	0	1	0	0	0	0	0	0	0	1
17-May-16	4	Lady Island	PK	48	1.28	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-May-16	4	Lady Island	PK	45	1.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	4	Lady Island	CM	46	1.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	4	Lady Island	PK	35	0.40	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-May-16	4	Lady Island	PK	44	1.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
17-May-16	4	Lady Island	CM	44	1.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	4	Lady Island	PK	40	0.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
17-May-16	4	Lady Island	CM	35	0.40	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
17-May-16	4	Lady Island	CM	40	0.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	4	Lady Island	PK	58	2.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	4	Lady Island	PK	66	2.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	4	Lady Island	PK	40	0.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	4	Lady Island	CM	43	0.90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	5	Doctor Island FF	TSB	65	3.76	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
17-May-16	5	Doctor Island FF	PK	66	3.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	5	Doctor Island FF	CM	95	8.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	5	Doctor Island FF	PK	75	3.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	5	Doctor Island FF	PK	68	3.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	5	Doctor Island FF	PK	80	4.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	5	Doctor Island FF	CM	84	5.84	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	62	2.06	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
17-May-16	7	Shelterless Bay	CM	57	1.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	64	3.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	39	0.67	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	70	3.42	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	63	2.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	81	5.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	57	2.05	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	46	1.11	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	60	2.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	65	3.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	53	1.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	41	0.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	69	3.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	65	3.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	PK	55	1.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	72	3.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	71	3.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	58	2.49	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	PK	62	3.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	62	2.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	PK	58	2.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	61	2.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
17-May-16	7	Shelterless Bay	CM	68	3.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CO	119	27.80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	PK	61	2.56	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
17-May-16	7	Shelterless Bay	PK	51	1.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	PK	50	1.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	PK	47	1.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	PK	60	2.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	PK	53	1.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	PK	49	1.30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
17-May-16	7	Shelterless Bay	PK	64	3.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	PK	68	3.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	PK	68	3.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	PK	60	2.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	PK	58	2.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	PK	62	3.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	PK	57	2.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	PK	48	1.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	PK	49	1.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	PK	55	1.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	PK	52	1.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	PK	45	1.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	PK	48	1.07	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
17-May-16	7	Shelterless Bay	PK	57	2.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	37	0.62	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	62	2.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	39	0.80	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	65	3.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	75	5.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	62	2.81	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	63	2.90	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-May-16	7	Shelterless Bay	CM	54	1.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	8	Lance Bay	CO	87	7.68	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
17-May-16	9	Sargeaunt Pass	PK	59	2.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	PK	49	1.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	PK	46	1.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	PK	49	1.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
17-May-16	9	Sargeaunt Pass	PK	47	1.23	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	PK	50	1.40	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	PK	49	1.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	PK	45	0.95	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	PK	55	1.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	PK	62	2.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	PK	46	1.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	PK	54	1.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	PK	56	1.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	PK	52	1.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	PK	47	1.10	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	PK	45	1.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CM	57	2.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
17-May-16	9	Sargeaunt Pass	PK	52	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CM	66	3.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CM	64	3.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
17-May-16	9	Sargeaunt Pass	CM	72	4.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
17-May-16	9	Sargeaunt Pass	CM	58	2.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CM	55	2.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	PK	48	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CM	47	1.29	0	0	0	1	1	1	1	1	0	5	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CM	48	1.2	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CM	40	0.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CM	46	1.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CM	59	2.44	0	0	1	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CM	51	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CM	59	2.58	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CM	59	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CM	60	2.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CM	49	1.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CM	44	1.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	PK	48	1.12	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	PK	54	1.64	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CM	43	1.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CM	50	1.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CM	56	2.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
17-May-16	9	Sargeaunt Pass	CO	112	19.14	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	3
17-May-16	9	Sargeaunt Pass	CO	117	20.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
17-May-16	9	Sargeaunt Pass	CO	110	17.54	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2
17-May-16	9	Sargeaunt Pass	CO	104	14.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CO	130	29.61	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CO	144	39.66	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CO	123	23.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CO	119	24.3	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CO	122	24.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
17-May-16	9	Sargeaunt Pass	CO	111	20.18	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CO	112	18.78	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CO	120	21.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CO	123	27.28	0	0	0	0	0	0	1	1	2	4	0	0	0	0	0	0	0	0	0	0
17-May-16	9	Sargeaunt Pass	CO	122	26.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-16	11	Pumish Point	CO	130	33.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	CO	109	18.86	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	4
18-May-16	14	Miller Point	CO	126	26.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
18-May-16	14	Miller Point	PK	62	2.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	CM	57	1.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	PK	65	2.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	PK	68	3.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	PK	66	2.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	PK	57	1.80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	PK	67	3.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
18-May-16	14	Miller Point	PK	61	2.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	PK	49	1.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	PK	67	2.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	PK	68	3.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	PK	68	3.14	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-May-16	14	Miller Point	PK	58	1.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	PK	61	2.48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	PK	61	2.20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
18-May-16	14	Miller Point	PK	60	2.39	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	PK	58	2.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
18-May-16	14	Miller Point	PK	53	1.39	1	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	PK	70	3.43	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
18-May-16	14	Miller Point	PK	66	2.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	PK	60	2.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
18-May-16	14	Miller Point	PK	58	1.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	PK	60	2.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
18-May-16	14	Miller Point	PK	67	3.18	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2
18-May-16	14	Miller Point	PK	65	3.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	PK	67	3.14	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
18-May-16	14	Miller Point	PK	68	2.93	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	PK	65	2.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	PK	48	1.01	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	PK	71	3.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	PK	68	2.90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	CM	57	2.51	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1
18-May-16	14	Miller Point	CM	35	0.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	CM	49	1.27	1	0	0	0	0	0	0	0	0	1	0	2	1	0	0	0	0	0	0	3
18-May-16	14	Miller Point	CM	50	1.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
18-May-16	14	Miller Point	CM	54	1.74	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-May-16	14	Miller Point	CM	51	1.56	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2
18-May-16	14	Miller Point	CM	41	0.66	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
18-May-16	14	Miller Point	CM	76	5.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	16	Glacier Falls FF	PK	52	1.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	16	Glacier Falls FF	PK	50	1.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	16	Glacier Falls FF	PK	45	1.05	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
18-May-16	16	Glacier Falls FF	PK	48	1.32	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-May-16	16	Glacier Falls FF	PK	65	2.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	16	Glacier Falls FF	PK	49	1.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	16	Glacier Falls FF	PK	60	1.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	16	Glacier Falls FF	PK	55	1.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
18-May-16	16	Glacier Falls FF	CM	38	0.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	16	Glacier Falls FF	CM	55	1.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	16	Glacier Falls FF	CM	40	0.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	19	Baker Island	CM	68	3.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	20	Jumper Island	CM	60	3.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	20	Jumper Island	PK	60	3.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	85	7.2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
19-May-16	21	Arthur Point	CM	78	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
19-May-16	21	Arthur Point	CM	59	2.89	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
19-May-16	21	Arthur Point	CM	61	3.39	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
19-May-16	21	Arthur Point	CM	60	2.39	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
19-May-16	21	Arthur Point	CM	64	3.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	61	3.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	59	3.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	71	5.55	0	1	0	0	0	0	0	0	2	3	0	1	0	0	0	0	0	0	0	1
19-May-16	21	Arthur Point	CM	65	3.46	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
19-May-16	21	Arthur Point	CM	63	3.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	101	12.06	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	89	10.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	83	7.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	93	10.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	81	7.76	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
19-May-16	21	Arthur Point	CM	58	2.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	67	3.92	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
19-May-16	21	Arthur Point	CM	68	3.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	66	3.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	73	5.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	72	4.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	70	4.23	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	72	4.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	87	7.58	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	91	9.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	61	2.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
19-May-16	21	Arthur Point	CM	65	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	PK	93	9.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	PK	62	3.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	PK	60	2.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	PK	82	7.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	PK	75	5.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
19-May-16	21	Arthur Point	PK	56	2.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	PK	65	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	PK	63	3.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	PK	58	2.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	PK	68	3.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
19-May-16	21	Arthur Point	PK	83	6.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	PK	67	3.8	0	0	0	0	0	0	0	1	1	2	0	1	0	0	0	0	0	0	0	1
19-May-16	21	Arthur Point	PK	67	3.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	PK	66	3.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	PK	58	2.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
19-May-16	21	Arthur Point	PK	88	7.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	PK	72	3.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	PK	70	3.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	PK	62	2.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	PK	70	4.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	PK	68	3.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	PK	68	3.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	PK	68	3.09	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	70	3.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	73	3.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	63	3.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	70	4.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	70	3.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	68	4.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
19-May-16	21	Arthur Point	CM	69	4.27	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
19-May-16	21	Arthur Point	CM	84	6.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-May-16	21	Arthur Point	CM	85	7.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	55	1.60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	58	2.07	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	64	3.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	60	3.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	62	2.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	68	3.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	43	0.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	71	4.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	58	2.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	71	3.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	69	3.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	60	3.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	57	2.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	65	2.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
18-May-16	C	Penphase Pass	CM	59	2.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	67	3.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	61	2.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	63	2.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	59	2.98	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	52	1.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	63	2.70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	57	2.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	65	3.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	62	2.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	52	1.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	58	2.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	62	2.94	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	60	2.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	C	Penphase Pass	CM	58	2.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	E	Phillip Point West	CO	95	8.53	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-May-16	E	Phillip Point West	CO	93	10.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	E	Phillip Point West	CO	110	15.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	E	Phillip Point West	CM	71	3.80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	E	Phillip Point West	CM	38	0.70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	E	Phillip Point West	CM	44	1.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	E	Phillip Point West	CM	45	1.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	E	Phillip Point West	CM	45	1.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	E	Phillip Point West	CM	48	1.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CO	102	11.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	83	6.22	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-May-16	F	Sutlej North	CM	83	6.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	58	2.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	73	3.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	70	3.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	54	1.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	78	4.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	65	2.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	65	2.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	68	3.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	70	3.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
18-May-16	F	Sutlej North	CM	72	4.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	68	3.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	74	4.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	66	2.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	69	3.51	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-May-16	F	Sutlej North	CM	85	6.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	69	2.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	81	5.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	73	3.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	80	4.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	62	2.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	73	4.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	76	4.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	72	3.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	72	3.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	58	1.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	62	2.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	92	7.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	69	3.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	77	4.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	CM	78	5.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	PK	62	2.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	F	Sutlej North	PK	68	2.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CO	114	19.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	78	6.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	65	2.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	66	2.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	65	3.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
18-May-16	G	Codrington Point	CM	69	4.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	82	6.89	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-May-16	G	Codrington Point	CM	77	4.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	63	2.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
18-May-16	G	Codrington Point	CM	75	7.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	62	2.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	56	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	76	4.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
18-May-16	G	Codrington Point	CM	62	2.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	67	4.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	68	3.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	76	4.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	71	3.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
18-May-16	G	Codrington Point	CM	75	4.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	72	3.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	56	2.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	60	2.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	69	3.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	57	2.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	58	2.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	76	5.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	71	4.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	74	4.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	74	4.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	G	Codrington Point	CM	74	4.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
18-May-16	G	Codrington Point	CM	63	4.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	H	Wehli Bay FF	CM	70	4.53	0	1	0	0	0	0	0	0	0	1	0	5	0	0	0	0	0	0	0	5
18-May-16	H	Wehli Bay FF	CM	71	4.42	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3
18-May-16	H	Wehli Bay FF	CM	72	3.77	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	4
18-May-16	H	Wehli Bay FF	CM	65	2.89	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
18-May-16	H	Wehli Bay FF	PK	75	5.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	H	Wehli Bay FF	CM	74	5.94	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	5
18-May-16	H	Wehli Bay FF	CM	65	3.71	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	4
18-May-16	H	Wehli Bay FF	CM	75	5.3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3
18-May-16	H	Wehli Bay FF	CM	70	3.72	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
18-May-16	H	Wehli Bay FF	CM	77	5.59	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
18-May-16	H	Wehli Bay FF	PK	68	3.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	H	Wehli Bay FF	PK	75	6.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	H	Wehli Bay FF	CM	72	5.21	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
18-May-16	H	Wehli Bay FF	CM	64	2.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	H	Wehli Bay FF	CM	57	2.54	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	2
18-May-16	H	Wehli Bay FF	CM	74	6.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	H	Wehli Bay FF	CM	68	3.7	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
18-May-16	H	Wehli Bay FF	CM	66	3.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
18-May-16	H	Wehlis Bay FF	CM	67	4.03	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	4
18-May-16	H	Wehlis Bay FF	CM	62	2.75	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-May-16	H	Wehlis Bay FF	PK	60	3.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	H	Wehlis Bay FF	CM	64	3.06	0	0	0	0	0	1	0	0	0	1	0	5	1	1	0	0	0	0	0	7
18-May-16	H	Wehlis Bay FF	PK	78	5.94	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-May-16	H	Wehlis Bay FF	CM	80	7.53	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
18-May-16	H	Wehlis Bay FF	CM	79	6.54	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-May-16	H	Wehlis Bay FF	CM	68	3.61	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3
18-May-16	H	Wehlis Bay FF	CM	72	4.42	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
18-May-16	H	Wehlis Bay FF	CM	80	5.54	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	1
18-May-16	H	Wehlis Bay FF	CM	80	7.24	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-May-16	H	Wehlis Bay FF	CM	77	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	H	Wehlis Bay FF	PK	73	4.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	H	Wehlis Bay FF	PK	68	3.16	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3
18-May-16	H	Wehlis Bay FF	PK	75	4.56	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
18-May-16	H	Wehlis Bay FF	PK	73	5	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
18-May-16	H	Wehlis Bay FF	PK	76	5.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	H	Wehlis Bay FF	PK	68	3.09	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-May-16	H	Wehlis Bay FF	PK	60	2.89	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
18-May-16	H	Wehlis Bay FF	CM	82	6.55	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-May-16	H	Wehlis Bay FF	PK	74	4.11	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
18-May-16	H	Wehlis Bay FF	PK	64	3.08	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-May-16	H	Wehlis Bay FF	PK	65	2.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	H	Wehlis Bay FF	PK	69	3.95	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1
18-May-16	H	Wehlis Bay FF	PK	67	3.74	0	0	0	0	0	0	0	1	1	2	0	2	0	0	0	0	0	0	0	2
18-May-16	H	Wehlis Bay FF	PK	65	2.67	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-May-16	H	Wehlis Bay FF	PK	66	3.37	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
18-May-16	H	Wehlis Bay FF	PK	63	3.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	H	Wehlis Bay FF	PK	61	2.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
18-May-16	H	Wehlis Bay FF	PK	67	3.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	H	Wehlis Bay FF	PK	77	4.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	H	Wehlis Bay FF	PK	73	4.43	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-May-16	H	Wehlis Bay FF	PK	68	3.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
18-May-16	H	Wehlis Bay FF	PK	70	4.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	H	Wehlis Bay FF	PK	70	3.59	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
18-May-16	H	Wehlis Bay FF	PK	63	3.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Date	Site	Site Name	Fish Species	Length (mm)	Weight (g)	LEP Co	LEP C1	LEP C2	LEP C3	LEP C4	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP Total	Cal Co	Cal C1	Cal C2	Cal C3	Cal C4	CAL PAM	CAL PAF	CAL AM	CAL AF	CAL Total
18-May-16	H	Wehlis Bay FF	PK	68	4.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	H	Wehlis Bay FF	PK	70	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
18-May-16	H	Wehlis Bay FF	PK	69	3.39	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
18-May-16	H	Wehlis Bay FF	PK	65	2.66	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1	3
18-May-16	H	Wehlis Bay FF	PK	65	2.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	H	Wehlis Bay FF	PK	66	3.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-May-16	H	Wehlis Bay FF	PK	80	6.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2