Wild Juvenile Salmonid Monitoring Program 2022
Clayoquot Sound, BC

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Summary

Beach seine sampling was conducted on behalf of Cermaq Canada, with permission from Maaqutusiis Hahoulthee Stewardship Society (MHSS) to conduct operations in Ahousaht Territory, in Clayoquot Sound, BC in 2022. Sampling was completed to monitor sea lice abundance, prevalence, and intensity on juvenile wild salmon within Clayoquot Sound in support of the Aquaculture Stewardship Council's Salmon Standard for Cermaq Canada finfish aquaculture sites in the area. This data report represents the seventh year of wild juvenile salmonid monitoring within Clayoquot Sound conducted solely by Cermaq Canada.

Sampling was conducted during five separate sampling events in April, May, and June 2022, selected to coincide with the peak outmigration period of juvenile salmonids. Sampling was completed at 20 sites within Clayoquot Sound, BC in 2022. The sites were selected based on their locations relative to existing aquaculture sites located in the area. Sampling was completed with the support of the Ahousaht Nation.

Total catch numbers of each salmonid species were recorded. Fifteen individuals or the total number of captured samples (if less than 15 were captured) were collected at each of the 20 sites during the sampling events. Water quality measurements including temperature, salinity and dissolved oxygen were recorded at each site during each sampling event.

Collected fish were frozen and analyzed in the lab for the presence of sea lice by Mainstream Biological Consulting. Sea lice observed on the individual fish specimens during laboratory analysis were initially identified as copepidids, non-motile chalimus, or motile pre-adults and adults. Copepidids were identified to species and non-motile sea lice were identified as either of the two chalimus stages for *Lepeophtheirus spp.* or four chalimus stages for *Caligus clemensi.* Motile lice, either pre-adults or adults, were identified as either *Lepeophtheirus spp.* or *Caligus clemensi* and the sex of the louse was determined. Motile *Lepeophtheirus spp.* sea lice found on salmonid specimens were not identified to species, but have been assumed to be *L. salmonis* due to the lack of documented infestation of Pacific salmon by other *Lepeophtheirus* lice species (Jones and Nemec, 2004).

This data summary report documents the observed sea lice infestation rate on retained wild juvenile salmon collected in Clayoquot Sound in 2022. A total of 853 juvenile salmonids underwent analysis for sea lice infestation including 808 chum salmon (*Oncorhynchus keta)* and 45 coho salmon (*Oncorhynchus kisutch).* No pink salmon, Atlantic salmon, or sockeye salmon were captured during sampling completed in Clayoquot Sound in 2022. The chinook salmon and threespine stickleback captured were not retained for sea lice analysis

From the total sample population 353 samples were infested with 926 sea lice. The calculated prevalence for the total sample population was 40.8 %, the sea lice abundance was 1.08 and the average intensity was 2.6 for the sample population collected in Clayoquot Sound in 2022.

Chum salmon smolts were captured in significantly greater numbers than any other species. A total of 6717 chum salmon were captured, representing 97.8 % of all captured samples. Of the 6717 chum captured, 808 were kept for lab analysis for sea lice infestation. A total of 343 chum smolts were found to be infested with 913 lice

resulting in a calculated prevalence of 42.5 %, abundance of 1.13 and an average intensity of 2.7 for the chum sample population.

A total of 45 coho salmon were captured and retained for sea lice analysis. Ten coho smolts were found to be infested with 13 sea lice resulting in a calculated prevalence of 22.2 %, abundance of 0.29 and an intensity of 1.3 for the coho salmon sample population.

A total of 910 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 351 individuals and 16 *Caligus clemensi* sea lice were found on 14 individuals analyzed in the lab (Appendix III). There were 12 samples that were infested with both *L. salmonis* and *C. clemensi*.

For the chum salmon sample population, a total of 897 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 341 juvenile chum salmon and 16 *Caligus clemensi* sea lice were found on 14 of the juvenile chum salmon analyzed in the lab. There were 12 chum salmon infested with lice from both species.

For the coho salmon sample population, there were 10 coho salmon infested with 13 *Lepeophtheirus salmonis* sea lice of various life stages. No *Caligus clemensi* sea lice were found on the juvenile coho salmon analyzed in the lab (n=45) collected in Clayoquot Sound in 2022.

A comparison of the prevalence and abundance of sea lice found on chum salmon was completed for sample data from 2016 to 2022 collected in Clayoquot Sound, BC. This data is presented in a summary table in Appendix IV.

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1.0 Introduction

At the request of Cermaq Canada, beach seine sampling to capture wild juvenile salmon to be analyzed for sea lice infestation took place at 20 sites located in Clayoquot Sound, BC (Figure 1). The sample collection occurred during five sample events in 2022 on April 6/7, April 21/22, May 5/6, May 19/20, and June 1/2. These weeks were selected to coincide with the estimated peak outmigration dates of juvenile salmonids. Sampling was completed with the support of the Ahousaht Nation.

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 infesting fish in the Pacific Ocean, while only one species of *Caligus* (*Caligus clemensi*) have been identified (Margolis and Arthur 1979; McDonald and Margolis, 1995). Motile *Lepeophtheirus spp.* sea lice found on salmonid specimens were assumed to be *L. salmonis* due to the lack of documented infestation of Pacific salmon by other *Lepeophtheirus* lice species (Jones and Nemec, 2004).

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 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.

Cermaq Canada originally requested monitoring of sea lice abundance, prevalence, and intensity on wild juvenile salmon in Clayoquot Sound in support of Aquaculture Stewardship Council’s Salmon Standard, but the monitoring program has evolved to be a standard annual monitoring event in cooperation with Ahousaht Fisheries.

This data summary report documents the observed sea lice infestation rates on retained samples collected in Clayoquot Sound in 2022. This represents the seventh year of wild juvenile salmonid monitoring in Clayoquot Sound conducted solely by Cermaq Canada. This monitoring program has been adapted from previous sea lice monitoring completed by the Clayoquot Sound Sea Lice Working Group and represents a continuation of the sampling they conducted between 2003 and 2011.

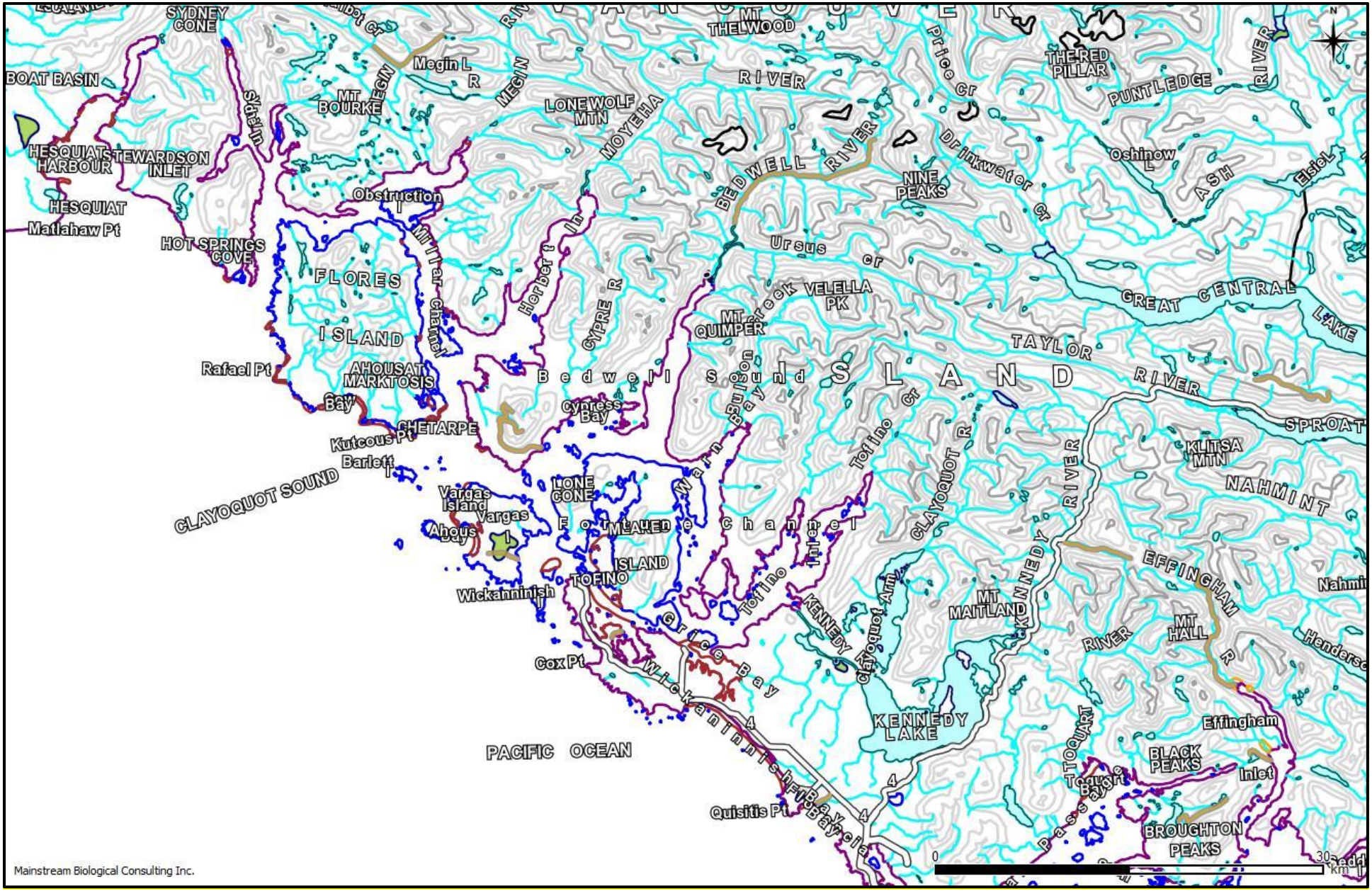

Figure 1: An overview map showing the location of Clayoquot Sound on the west coast of Vancouver Island, BC.

2.0 Methods

The fish inspected for sea lice infestation were collected from 20 sites in Clayoquot Sound, BC in 2022. Two additional sites were added to the sampling program in 2022. One site was added in Millar Channel and one site was added in Herbert Inlet to gather additional information and obtain a more robust geographic coverage of both areas. All sites were chosen based on their locations relative to existing Cermaq Canada aquaculture sites in the area (Figure 2). The sites were sampled five times in 2022 on April 6/7, April 21/22, May 5/6, May 19/20, and June 1/2. Three sites were not sampled during the first sample event (HI3, MC4 and SI3).

2.1 Site Locations

The 20 sites at which beach seining was conducted to collect specimens for sea lice analysis consisted of three sites in Shelter Inlet, three sites in Millar Channel, three sites in Herbert Inlet, six sites in Bedwell Sound, four sites in Fortune Channel and one in Sydney Inlet. The approximate locations of the 20 beach seine sites are shown in Figure 2. GPS coordinates collected in the field for the sites are presented in Table 1.

Table 1: The site name and location of the 20 beach seine sites in Clayoquot Sound.

Site Name	Latitude	Longitude
BS1	49 14.528	125 56.976
BS2	49 13.449	125 55.345
BS3	49 16.774	125 54.072
BS4	49 16.066	125 50.228
BS5	49 19.563	125 48.790
BS6	49 14.269	125 50.019
FC2	49 12.508	125 45.243
FC3	49 12.655	125 46.203
FC4	49 14.321	125 44.578
FC5	49 14.026	125 47.090
HI1	49 23.216	125 57.079
HI2	49 20.158	125 53.887
HI3	49 16.965	126 00.605
MC1	49 22.594	126 03.783
MC3	49 19.882	126 04.633
MC4	49 18.786	126 04.867
SD1	49 26.407	126 15.397
SI1	49 23.866	126 10.464
SI2	49 24.125	126 09.994
SI3	49 26.285	126 04.726

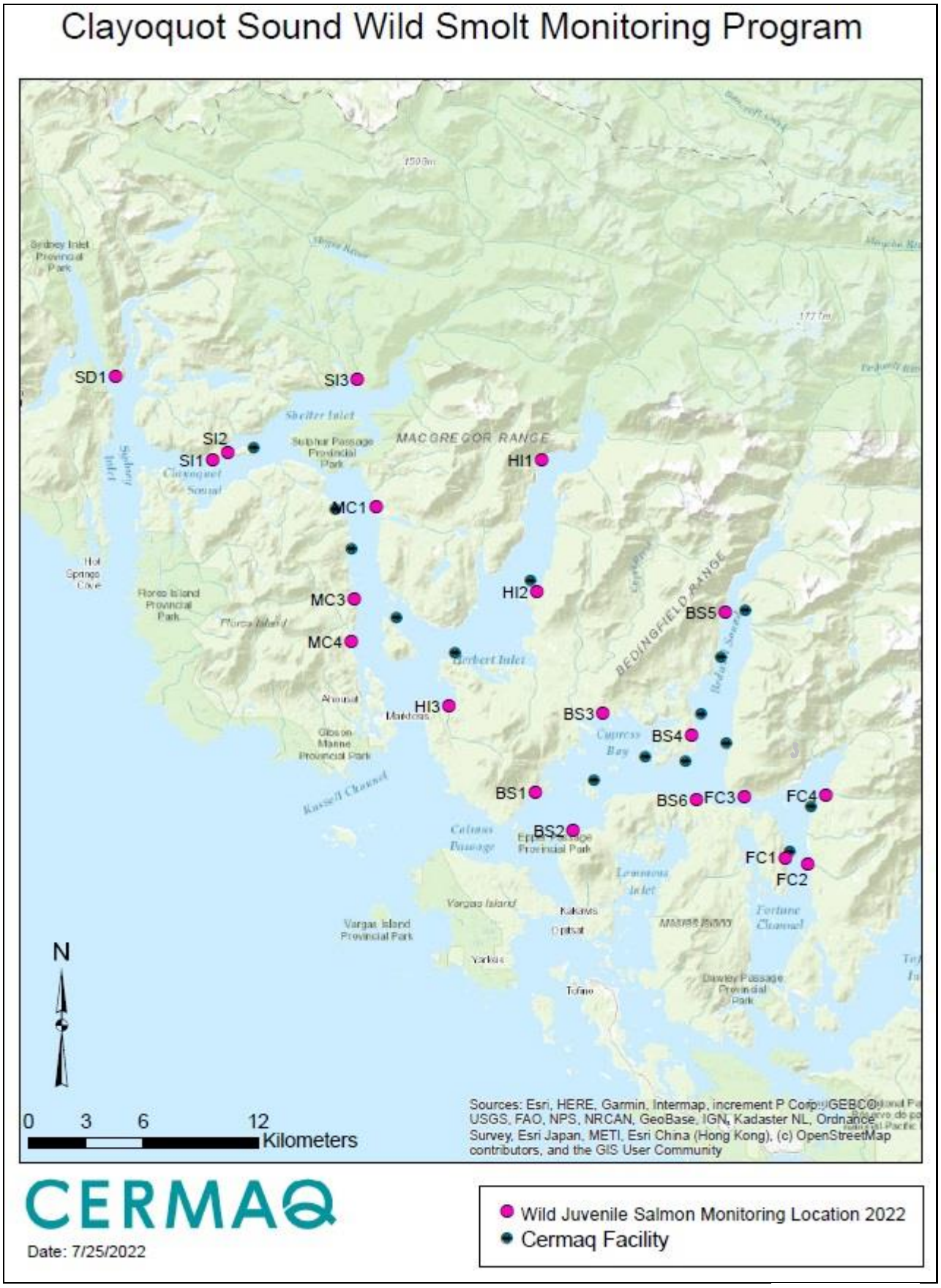

Figure 2: The locations of the 20 beach seine sites in Clayoquot Sound sampled in 202

2.2 Field Procedures

In house procedures, adapted from procedures utilized by the Department of Fisheries and Oceans (DFO) for beach seining, fish collection and field data recording in place since 2004 for juvenile salmon sampling were used by Mainstream Biological Consulting staff during sampling in Clayoquot Sound in 2022.

Boats and drivers were supplied by Ahousaht Nations for beach sampling in Clayoquot Sound in 2022. 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 consisted of one-quarter inch diameter diamond mesh, while the two side panels (wings) were 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 four-person crew was utilized to conduct the beach seine sets and retrieve samples in a consistent manner at each of the 20 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 and third crewmembers ensured the net deployed smoothly off the bow or side of the boat. The fourth 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 and third crewmembers 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, surface and one meter water quality data was collected for water salinity, temperature and dissolved oxygen using a YSI Pro Quatro meter.

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 contained the captured fish in the water so they could be sampled.

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 15 individuals from each target species captured or all of the individuals present (if less than 15) were collected as samples for sea lice infestation analysis. Individual fish were randomly “swam” into an appropriately sized whirl-pak bag. All handling of fish was kept to a minimum. All captured chinook, threespine stickleback and sockeye salmon were released immediately.

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 300 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 name;
- 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;
- Water temperature (°C), salinity (ppt) and dissolved oxygen (mg/ L) to one decimal place;
- GPS coordinates; and
- The number of salmonid mortalities.

The retained fish from each site were packaged separately in re-sealable bags and labelled with the site name, the date and sample numbers and species. Site sample bags were placed in a cooler with sufficient ice packs for storage. The specimens were transferred to a portable freezer immediately upon return to the boat launch and then transferred to a freezer at the office 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. Remaining sample gear was stored for transit between sites.

The above procedures for beach seine net deployment and retrieval, as well as those described for fish collection, were repeated at all 20 sample sites.

2.3 Laboratory Procedures

The laboratory procedures for sea lice analysis have been adapted from the procedures demonstrated by Sheila Dawe and Eliah Kim at the Pacific Biological Station in Nanaimo, BC, during sea lice identification training that was conducted on April 1, 2004. Additional sea lice identification training by Paul Callow was conducted at the Pacific Biological Station in September 2007.

Fish samples were thawed immediately prior to lab analysis. Individual fish were identified to species and counted. The results of this identification and count were compared to the reported data found on the field data sheets.

A standardized data sheet was used to record sea lice analysis results from each site. The site and week number, sample date and number of fish were recorded. The date and time of the start of the analysis was also noted on the data sheet. Data from individual fish was recorded as the analysis proceeded.

Individual fish, when thawed, were removed from their bag, using a pair of forceps at the caudal peduncle, and placed in a petri dish. Each bag was labelled chronologically with an individual identification number. Each fish was then scanned for the presence of sea lice under a stereoscopic dissection microscope. The microscope was set at a

magnification of 20X for the preliminary survey of each fish sample, but magnification was occasionally increased to 40X during individual sea lice identification.

Microscopic analysis of each individual fish began at the anterior end of the left side of the specimen. The head was examined first, after which a scan was made along the dorsal half of the specimen working towards the posterior end and the tail. The dorsal fin was lifted and expanded, as was the caudal fin, with a pair of forceps. From the posterior end a return scan was made along the ventral half of the specimen back to the head. The anal fin, pelvic fin and pectoral fin were also lifted and expanded using a pair of forceps. The fish was then flipped using a pair of forceps at the caudal peduncle and the procedure was repeated on the right hand side of the specimen. Additional scans were made longitudinally down the fish if the entire depth of the fish could not be seen in a single pass. Any sea lice observed on the fish were removed and placed in a petri dish with saline solution.

Each individual bag was visually inspected after the removal of the fish for the presence of pre-adult or adult sea lice that may have become dislodged during handling. These "loose" sea lice were recorded on the data sheet with the data for the corresponding specimen and it was assumed that the lice had come from that individual.

Sea lice were identified using characteristics outlined by Kabata (1972) and Johnson and Albright (1991a). Sea lice observed on individual fish were identified as either non-motile chalimus (including copepodid), or motile pre-adults and adults. Non-motile sea lice were identified as either of the two chalimus stages for *Lepeophtheirus salmonis* (Hamre et al., 2013) or four chalimus stages for *Caligus clemensi*. Motile sea lice were identified as *Lepeophtheirus spp.* or *Caligus clemensi*, pre-adults or adults, and males or females.

Chalimus were identified to species primarily by characteristics of the frontal filament. However, size, shape, genital development, and leg development were used as secondary identifying characteristics for speciation as well as primary indicators for life stage identification. Motile sea lice were identified to species by the presence or absence of lunules. If lunules were absent the louse was identified as *Lepeophtheirus spp.* The louse was identified as *Caligus clemensi* if lunules were present.

Lepeophtheirus spp. sea lice found on captured specimens were not identified to species, but have been assumed to be *L. salmonis* due to the lack of documented infestation of Pacific salmon by other *Lepeophtheirus* species of sea lice (Jones and Nemec, 2004).

After microscopic analysis individual fish specimens were measured (fork length) in millimetres and weighed (recorded to the nearest tenth of a gram). Lengths and weights were also recorded on the data sheet with the specimen's corresponding sea lice analysis results. The fish were then returned to their respective individual bags and the fish from each site were repackaged in the large re-sealable bags. All samples were then refrozen.

To allow for quality assurance of sea lice identification, all sea lice were placed in labelled vials and preserved in 70% isopropyl alcohol. Ten percent of the deloused fish specimens were randomly selected by specimen number and retained. Both the preserved lice and retained deloused fish specimens will be kept at the office of Mainstream Biological Consulting in Campbell River for five years.

2.4 Data Analysis

Surface and one meter water quality data collected for temperature, salinity and dissolved oxygen was summarized to report the minimum and maximum values as well as the calculated averages for each sample period.

Beach seine fish sample composition was summarized by species and site for each week. The recorded fork lengths and weights of the sample population were summarized to present minimum and maximum values as well as calculated averages. Sea lice infestation rates, including the number of infested fish and the number of sea lice identified, were determined for the 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. Abundance, as defined as the total number of sea lice observed compared to the total number of host fish examined, was also determined for sample population. The intensity of sea lice infestation, as described by the number of sea lice found on a single salmon was summarized.

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 inspection of juvenile salmonids collected from Clayoquot Sound, BC, in 2022. 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 are located in Appendix III.

3.1 Water Quality Parameters

Surface and one meter depth measurements of water temperature, salinity, and dissolved oxygen taken during beach seining at each of the 20 sites during the five sample periods, are presented in Table 2. Only surface measurements of salinity and temperature were recorded during the first sampling period. The field data recorded at each site is included in Appendix I.

Recorded surface water temperatures ranged from a low of 7.1 °C recorded at site BS3 on April 6, 2022, to a high of 14.1 °C recorded at site HI2 on June 1, 2022 (Table 2, Appendix I). Calculated weekly average surface water temperatures increased from 9.0°C on April 6/7, 2022, to 12.3 on June 1/2, 2022.

Recorded surface water salinity ranged from a low of 3.5 ppt recorded at site SI3 on May 5, 2022, to a high of 26.6 ppt recorded at site MC4 on April 21, 2022 (Table 2, Appendix I). The calculated weekly average surface water salinity fluctuated between18.5 ppt on April 6/7, 2022, to a high of 24.8 ppt on April 21/22, 2022.

Recorded surface dissolved oxygen ranged from a low of 8.6 mg/ L at site MC4 on June 1, 2022, to a high of 14.3 mg/ L recorded at site SI2 on May 19, 2022 (Table 2, Appendix I). The calculated weekly average surface dissolved oxygen fluctuated between 9.6 mg/ L and 10.4 mg/ L.

One meter measurements of water temperature, salinity, and dissolved oxygen taken during beach seining at each of the 20 sites during four of the five sampling periods are presented in Table 3. No one meter water quality data was gathered during the first sampling event. The field data recorded at each site is included in Appendix I.

Recorded one meter water temperatures ranged from a low of 7.4 °C recorded at site SI3 on May 5, 2022, to a high of 14.1 °C recorded at site HI2 on June 1, 2022 (Table 3, Appendix I). Calculated weekly average one meter water temperatures increased from 9.1 °C on April 21/22, 2022, to the high of 12.2 on June 1/2, 2022.

Recorded one meter water salinity ranged from a low of 4.6 ppt recorded at site SI3 on May 5, 2022, to a high of 27.4 ppt recorded at site SI3 on April 21, 2022 (Table 3, Appendix I). The calculated weekly average one meter water salinity fluctuated between 21.1 ppt and 25.3 ppt.

Recorded one meter dissolved oxygen ranged from a low of 8.7 mg/ L at site MC4 on June 1, 2022, to a high of 13.2 mg/ L recorded at site SI2 on May 19, 2022 (Table 3, Appendix I). The calculated weekly average one meter dissolved oxygen was relatively stable and fluctuated between 9.6 mg/ L and 10.2 mg/ L..

Table 2: Surface water quality measurements recorded at the 20 beach seine sites in Clayoquot Sound, BC between April 6, 2022, and June 2, 2022.

Site	April 6/7			April 21/22			May 5/6			May 19/20			June 1/2		
	Salinity (ppt)	Temp. (°C)	DO (mg/L)	Salinity (ppt)	Temp. (°C)	DO (mg/L)	Salinity (ppt)	Temp. (°C)	DO (mg/L)	Salinity (ppt)	Temp. (°C)	DO (mg/L)	Salinity (ppt)	Temp. (°C)	DO (mg/L)
BS1	24.5	8.4	-	25.4	9.4	10.2	24.4	9.4	9.1	23.7	12.4	10.1	24.5	11.8	9.7
BS2	23.9	9.0	-	25.9	9.5	10.9	19.8	9.0	9.9	26.1	10.6	9.5	23.9	11.4	10.0
BS3	12.9	7.1	-	25.0	8.7	9.5	19.9	8.8	9.3	19.5	9.4	9.9	23.7	11.8	9.2
BS4	20.3	8.2	-	24.2	8.5	10.1	19.3	8.3	9.7	13.1	9.6	10.3	17.0	11.9	10.2
BS5	15.0	8.0	-	22.3	8.7	9.3	8.2	7.5	11.3	12.7	9.3	10.4	11.0	10.1	11.0
BS6	21.6	8.6	-	25.6	9.1	10.1	24.6	10.0	9.3	24.3	10.7	9.5	17.5	12.5	9.9
FC2	19.3	9.3	-	23.3	9.2	9.8	22.7	9.7	9.6	22.8	11.2	11.0	20.7	12.3	10.4
FC3	16.1	9.4	-	23.8	9.3	9.7	21.4	9.9	9.7	23.2	11.0	9.7	22.0	12.4	10.0
FC4	11.7	8.6	-	22.4	9.4	10.0	14.7	8.7	10.5	23.0	10.3	9.0	20.8	12.0	10.5
FC5	24.9	8.9	-	25.4	9.2	9.7	19.7	9.8	10.5	24.9	10.7	9.4	25.2	10.9	9.0
HI1	24.0	10.7	-	24.5	9.8	10.9	19.5	9.9	10.1	21.0	10.5	10.3	10.4	12.9	10.2
HI2	15.4	10.1	-	26.0	9.4	10.4	20.6	10.1	10.4	15.2	10.6	11.2	18.2	14.1	9.3
HI3	-	-	-	25.2	9.2	10.5	25.2	9.8	9.9	18.0	12.5	10.8	22.5	13.1	9.5
MC1	17.8	9.9	-	23.2	9.1	10.3	20.7	9.7	9.8	22.5	10.5	10.3	12.0	13.0	9.4
MC3	20.6	10.3	-	26.1	8.9	9.6	20.0	9.1	9.5	14.2	8.5	10.7	21.6	13.3	9.1
MC4	-	-	-	26.6	8.9	9.4	23.1	9.6	9.7	21.6	9.9	10.0	21.0	12.9	8.6
SD1	-	-	-	24.1	8.7	12.1	19.5	9.3	9.0	7.2	8.3	11.1	19.3	13.7	8.9
SI1	25.3	8.6	-	25.7	9.0	10.5	25.0	9.5	9.7	17.7	9.4	10.3	23.4	12.4	9.0
SI2	15.7	8.8	-	26.2	9.0	10.3	15.9	8.5	10.0	22.8	9.9	14.3	24.1	11.5	9.2
SI3	6.3	8.8	-	25.4	9.6	10.9	3.5	7.4	11.0	11.7	9.0	10.9	16.0	12.9	9.5
Average	**18.5**	**9.0**	**-**	**24.8**	**9.1**	**10.2**	**19.4**	**9.2**	**9.9**	**19.3**	**10.2**	**10.4**	**19.7**	**12.3**	**9.6**

Table 3: One meter water quality measurements recorded at the 20 beach seine sites in Clayoquot Sound, BC between April 5, 2022, and June 2, 2022.

Site	April 5/6			April 21/22			May 5/6			May 19/20			June 1/2		
	Salinity (ppt)	Temp. (°C)	DO (mg/L)	Salinity (ppt)	Temp. (°C)	DO (mg/L)	Salinity (ppt)	Temp. (°C)	DO (mg/L)	Salinity (ppt)	Temp. (°C)	DO (mg/L)	Salinity (ppt)	Temp. (°C)	DO (mg/L)
BS1	-	-	-	25.6	9.4	10.3	24.1	9.4	9.0	24.9	11.4	9.8	24.9	11.7	9.7
BS2	-	-	-	26.4	9.2	9.3	23.9	9.0	8.9	26.4	10.3	9.3	25.3	11.4	10.0
BS3	-	-	-	25.2	8.8	9.2	24.0	9.1	9.3	19.9	9.5	9.9	24.1	11.7	9.1
BS4	-	-	-	24.2	8.5	10.1	20.1	8.4	9.5	16.7	10.0	10.3	18.9	11.9	10.1
BS5	-	-	-	24.7	8.8	10.1	8.3	7.4	11.1	18.5	9.5	9.8	13.6	10.2	10.8
BS6	-	-	-	25.6	9.0	9.7	24.7	9.9	9.3	25.5	10.1	9.1	23.8	12.2	9.6
FC2	-	-	-	23.3	9.2	9.8	22.6	9.6	9.7	23.1	11.0	11.0	22.1	12.1	10.4
FC3	-	-	-	23.9	9.2	9.6	21.4	9.9	9.8	24.0	10.6	9.2	22.0	12.4	10.1
FC4	-	-	-	23.2	9.2	9.9	22.5	9.5	9.2	22.0	10.3	8.9	22.5	12.0	10.4
FC5	-	-	-	25.3	9.2	9.6	21.9	9.6	9.8	25.0	10.6	9.4	25.2	10.9	8.9
HI1	-	-	-	26.2	9.7	10.8	20.3	10.0	10.1	20.8	10.4	10.0	10.3	12.8	10.2
HI2	-	-	-	26.2	9.4	10.5	25.7	10.0	11.0	22.9	10.6	10.8	19.2	14.1	9.5
HI3	-	-	-	26.2	9.3	10.4	26.1	9.8	9.9	22.9	11.2	11.3	23.6	13.0	9.6
MC1	-	-	-	24.1	9.0	10.1	24.4	10.0	9.6	22.3	10.7	10.2	19.9	13.0	9.2
MC3	-	-	-	26.1	8.9	9.9	21.2	9.2	9.8	16.0	8.4	10.5	22.3	13.3	9.2
MC4	-	-	-	26.6	8.9	9.5	24.0	9.7	9.8	24.8	10.0	9.7	21.1	13.0	8.7
SD1	-	-	-	24.2	8.7	11.8	18.4	9.2	10.5	16.0	8.5	10.5	22.2	13.0	9.3
SI1	-	-	-	25.8	9.0	10.7	24.9	9.5	9.6	18.1	9.3	10.1	23.9	12.3	9.0
SI2	-	-	-	26.4	9.0	10.5	18.4	8.7	10.1	24.1	9.8	13.2	24.0	11.5	9.2
SI3	-	-	-	27.4	9.2	11.4	4.6	7.4	10.8	14.1	9.2	10.5	25.2	10.9	8.9
Average	**-**	**-**	**-**	**25.3**	**9.1**	**10.1**	**21.1**	**9.3**	**9.9**	**21.4**	**10.1**	**10.2**	**21.7**	**12.2**	**9.6**

3.2 Fish Sample Composition

A total of 6866 fish were captured during beach seine sampling conducted in Clayoquot Sound, BC in 2022 (Table 4). 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 5. Totals of fish captured and collected specimens at each site over the entire collection period can be found in Appendix II. Only chum salmon, and coho salmon were retained as sample specimens and underwent analysis for sea lice infestation. Of the 6717 chum salmon captured, 808 individual chum salmon (12.0%) were retained and underwent lab analysis. All but one coho salmon captured were retained and kept for lab analysis.

No pink salmon, Atlantic salmon, or sockeye salmon were captured during beach seine sampling conducted in Clayoquot Sound, BC in 2022.

Chum salmon (*O. keta*) smolts were captured in significantly greater numbers than any other species. A total of 6717 chum salmon were captured, representing 97.8 % of all captured specimens. Chinook salmon were the next most caught species with a total capture of 85 (1.2 %), followed by coho salmon with a total capture of 46 (0.7%), and threespine stickleback with a total capture of 18 (0.3 %). No chinook salmon or three spine stickleback were retained in 2022.

Table 4: The total of collected individuals of each fish species captured in Clayoquot Sound, BC in April, May and June 2022, and the percentage of the total capture population that they represent.

Common Name	Capture Totals (% of total capture population)	Collection Totals	Collection %
chum salmon	6717 (97.8 %)	808	12.0
coho salmon	46 (0.7 %)	45	97.8
chinook salmon	85 (1.2 %)	0	0.0
sockeye salmon	0 (0.0 %	0	0.0
pink salmon	0 (0.0 %)	0	0.0
Atlantic salmon	0 (0.0 %)	0	0.0
threespine stickleback	18 (0.3 %)	0	0.0
All species	**6866**	**853**	**12.4**

Table 5: The number of captured fish (Capture Total) and the number of individual fish collected (Sample Total) from each of the 18 sample sites in Clayoquot Sound, BC in April, May and June 2022.

Site	Chum		Coho		Chinook		Sockeye		TSB		Capture Total	Sample Total
	Capture Total	Sample Total	Capture Total	Sample Total	Capture Total	Sample Total	Capture Total	Sample Total	Capture Total	Sample Total		
BS1	174	46	0	0	0	0	0	0	2	0	**176**	**46**
BS2	310	49	1	1	0	0	0	0	0	0	**311**	**50**
BS3	103	20	11	11	0	0	0	0	0	0	**114**	**31**
BS4	880	75	2	1	0	0	0	0	0	0	**882**	**76**
BS5	938	52	2	2	0	0	0	0	0	0	**940**	**54**
BS6	671	75	0	0	0	0	0	0	0	0	**671**	**75**
FC2	11	11	0	0	0	0	0	0	4	0	**15**	**11**
FC3	313	48	0	0	0	0	0	0	1	0	**314**	**48**
FC4	507	48	14	14	0	0	0	0	4	0	**525**	**62**
FC5	321	69	1	1	0	0	0	0	0	0	**322**	**70**
HI1	1265	50	0	0	0	0	0	0	0	0	**1265**	**50**
HI2	370	60	1	1	0	0	0	0	0	0	**371**	**61**
HI3	2	2	0	0	0	0	0	0	0	0	**2**	**2**
MC1	36	20	0	0	1	0	0	0	1	0	**38**	**20**
MC3	474	64	0	0	0	0	0	0	0	0	**474**	**64**
MC4	42	16	4	4	0	0	0	0	0	0	**46**	**20**
SD1	98	17	0	0	0	0	0	0	0	0	**98**	**17**
SI1	41	19	0	0	0	0	0	0	0	0	**41**	**19**
SI2	44	29	0	0	2	0	0	0	6	0	**52**	**29**
SI3	117	38	10	10	82	0	0	0	0	0	**209**	**48**
Total	**6717**	**808**	**46**	**45**	**85**	**0**	**0**	**0**	**18**	**0**	**6866**	**853**

3.3 Fish Sample Size Statistics

Summary statistics for the sample population of juvenile salmonids were completed for weight and fork length. Original fish length and weight data is included in Appendix III. Summary statistics were completed for chum salmon and coho salmon.

3.3.1 Chum salmon

Analysis of weight and fork length data was completed for the chum salmon sample population collected in Clayoquot Sound in 2022. The weight of 808 chum smolts collected during the five sampling events ranged from 0.2 g to 10.4 g and averaged 1.0 g (SD = 1.0). The fork length of the chum smolts ranged from 19 mm to 102 mm and averaged 44 mm (SD = 9.8).

3.3.2 Coho salmon

Analysis of weight and total length data was completed for the coho salmon sample population collected in Clayoquot Sound in 2022. The weight of 45 coho collected during the five sampling events ranged from 0.5 g to 25.5 g and averaged 8.8 g (SD = 5.4). The total length of the coho salmon ranged from 33 mm to 128 mm and averaged 83 mm (SD = 21.6).

Table 6: Average weights summarized by month of chum and coho salmon collected in Clayoquot Sound in 2022.

Species	Average Weight (g)				
	April 6/7	April 21/22	May 5/6	May 19/20	June 1/2
chum	0.6	0.9	0.7	1.7	2.0
coho	2.5	9.3	5.9	13.9	9.8

Table 7 Average lengths summarized by month of chum and coho salmon collected in Clayoquot Sound in 2022.

Species	Average Length (mm)				
	April 6/7	April 21/22	May 5/6	May 19/20	June 1/2
chum	38	43	39	51	55
coho	47	86	76	102	83

3.4 Sea Lice Infestation

The results of the laboratory analysis for the presence of sea lice on the sample population collected in Clayoquot Sound in 2022 are presented in Table 8. The data recorded for each fish in the sample population during lab analysis is included in Appendix III. A total of 853 samples were collected at 20 sites in Clayoquot Sound in 2022 and were inspected for sea lice infestation. A total of 353 individuals in the sample population were found to be infested with 926 sea lice (Table 8). A total of 343 chum smolts and ten coho salmon were found to be infested with sea lice (Table 8). This data reflects the identification of sea lice of either species (*L. salmonis and C. clemensi*) on inspected juvenile salmon.

The sea lice prevalence in the sample population collected in Clayoquot Sound in 2022 was 40.8 %, and the abundance was 1.08 (Table 8). Sea lice counts of both species observed (*L. salmonis and C. clemensi*) were added together for the prevalence and abundance calculations for the entire sample population.

The intensity of sea lice infestation, as defined as the number of sea lice on a single sample, ranged from one louse found on 151 individuals to a maximum of 18 lice found on one individual. The average intensity was calculated by dividing the total number of sea lice by the number of infested fish which was 2.7 for chum and 1.3 for coho salmon (Table 8).

Table 8: Results of analysis for sea lice infestation on the sample population collected by beach seine in Clayoquot Sound, BC in 2022.

Species	Sample size (n)	Total number of lice observed	Total number of fish infested	Prevalence (%)	Abundance	Average Intensity
chum	808	913	343	42.5	1.13	2.7
coho	45	13	10	22.2	0.29	1.3
Total	**853**	**926**	**353**	**40.8**	**1.08**	**2.6**

3.4.1 Infestation Rates of Chum Salmon

A total of 808 chum salmon collected at 20 sites within Clayoquot Sound over five sample weeks were inspected for sea lice infestation. The results of the laboratory analysis are presented in Table 9 for each sample period by site for chum salmon. A total of 343 chum salmon were found to be infested with 913 sea lice. This data reflects the identification of sea lice of either species (*L. salmonis and C. clemensi*) on inspected chum salmon and these combined numbers were used to calculate prevalence, abundance, and intensity.

The largest number of chum salmon infested with sea lice (100 chum) occurred during the April 21/22, 2022, sampling event and the greatest number of sea lice (280 sea lice) were found on samples collected during the May 19/20 sampling event (Table 9). Site MC3 had the highest number of infested chum salmon (54) as well as the highest number of lice (283) (Table 9).

A total of 343 chum salmon were found to be infested with at least one louse. The prevalence of sea lice on the chum salmon sample (n=808) collected in Clayoquot Sound in 2022 was 42.5 %. Sea lice prevalence was calculated by site and is presented in Table 10. Sea lice prevalence calculated by site for the chum salmon sample population was highly variable ranging from a low of 0.0 % at site FC2 to a high of 87.0 % at site BS1.

A total of 913 sea lice were identified during laboratory analysis of retained chum salmon. The abundance of sea lice on the chum salmon sample population (n=808) collected in Clayoquot Sound in 2022 was 1.13. Sea lice abundance was calculated by site and is presented in Table 10. Sea lice abundance calculated by site was also highly variable ranging from a low of 0.00 at site FC2 to a high of 5.50 at site HI3.

The calculated average intensity of sea lice infestation for the chum salmon sample population was 2.7 (Table 8). The intensity of sea lice infestation, as defined as the number of sea lice on a single salmon, ranged from one louse found on 143 individuals to a maximum of 18 lice found on one juvenile chum salmon. The percentage of the chum salmon sample population with the number of sea lice per sample was graphed and is presented in Figure 3. As shown in this graph, 54.5 % of the chum sample population were not infested with sea lice, 80.3 % were infested with two or less sea lice and 5.4 % of the chum salmon sample population was infested with five or more sea lice.

The sampled sites were also grouped by sampling area and sea lice prevalence, abundance and intensity were calculated for the chum salmon sample population collected in in these areas (Table 11).

Table 9: The number of sea lice found on chum salmon collected in Clayoquot Sound in 2022 summarized by the 20 sites where beach seining was conducted.

Site	Sample Week													**Total**		
	April 6/7, 2022			April 21/22, 2022			May 5/6, 2022			May 19/20, 2022			June 1/2, 2022			
	# of Chum Analyzed	# of Infested Chum	# of Lice	# of Chum Analyzed	# of Infested Chum	# of Lice	# of Chum Analyzed	# of Infested Chum	# of Lice	# of Chum Analyzed	# of Infested Chum	# of Lice	# of Chum Analyzed	# of Infested Chum	# of Lice	**# of Chum Analyzed**	**# of Infested Chum**	**# of Lice**
BS1	15	12	31	15	14	38	15	13	37	1	1	5	-	-	-	**46**	**40**	**111**
BS2	15	2	8	15	8	19	1	0	0	15	7	13	3	1	1	**49**	**18**	**41**
BS3	15	0	0	4	0	0	-	-	-	-	-	-	1	1	3	**20**	**1**	**3**
BS4	15	1	1	15	6	13	15	4	4	15	7	17	15	8	13	**75**	**26**	**48**
BS5	7	0	0	15	1	1	15	1	1	15	6	9	-	-	-	**52**	**8**	**11**
BS6	15	10	17	15	13	36	15	8	19	15	9	23	15	11	21	**75**	**51**	**116**
FC2	10	0	0	-	-	-	-	-	-	-	-	-	1	0	0	**11**	**0**	**0**
FC3	15	4	5	15	13	24	-	-	-	15	11	28	3	3	7	**48**	**31**	**64**
FC4	15	2	2	11	0	0	15	9	15	-	-	-	7	4	5	**48**	**15**	**22**
FC5	15	4	8	15	10	15	9	2	2	15	4	13	15	9	15	**69**	**29**	**53**
HI1	5	0	0	15	6	22	15	5	6	15	4	4	-	-	-	**50**	**15**	**32**
HI2	15	4	5	14	8	10	16	3	5	15	12	30	-	-	-	**60**	**27**	**50**
HI3	-	-	-	-	-	-	-	-	-	2	1	11	-	-	-	**2**	**1**	**11**
MC1	15	5	13	4	0	0	-	-	-	1	1	4	-	-	-	**20**	**6**	**17**
MC3	15	9	17	15	11	52	15	15	97	15	15	101	4	4	16	**64**	**54**	**283**
MC4	-	-	-	15	6	11	1	0	0	-	-	-	-	-	-	**16**	**6**	**11**
SD1	-	-	-	15	1	1	2	0	0	-	-	-	-	-	-	**17**	**1**	**1**
SI1	15	4	8	-	-	-	-	-	-	4	3	18	-	-	-	**19**	**7**	**26**
SI2	15	0	0	6	2	3	4	1	5	4	2	2	-	-	-	**29**	**5**	**10**
SI3	15	0	0	6	1	1	2	0	0	15	1	2	-	-	-	**38**	**2**	**3**
Total	**232**	**57**	**115**	**210**	**100**	**246**	**140**	**61**	**191**	**162**	**84**	**280**	**64**	**41**	**81**	**808**	**343**	**913**

Table 10: Calculated sea lice prevalence, abundance and intensity by site as determined for chum salmon collected in Clayoquot Sound, BC in 2022.

Site	# of Chum Analyzed	# of Infested Chum	# of Lice	Sea Lice Prevalence (%)	Sea Lice Abundance	Sea Lice Intensity
BS1	46	40	111	87.0	2.41	2.8
BS2	49	18	41	36.7	0.84	2.3
BS3	20	1	3	5.0	0.15	3.0
BS4	75	26	48	34.7	0.64	1.8
BS5	52	8	11	15.4	0.21	1.4
BS6	75	51	116	68.0	1.55	2.3
FC2	11	0	0	0.0	0.00	-
FC3	48	31	64	64.6	1.33	2.1
FC4	48	15	22	31.3	0.46	1.5
FC5	69	29	53	42.0	0.77	1.8
HI1	50	15	32	30.0	0.64	2.1
HI2	60	27	50	45.0	0.83	1.9
HI3	2	1	11	50.0	5.50	11.0
MC1	20	6	17	30.0	0.85	2.8
MC3	64	54	283	84.4	4.42	5.2
MC4	16	6	11	37.5	0.69	1.8
SD1	17	1	1	5.9	0.06	1.0
SI1	19	7	26	36.8	1.37	3.7
SI2	29	5	10	17.2	0.34	2.0
SI3	38	2	3	5.3	0.08	1.5
Total	**808**	**343**	**913**	**42.5**	**1.13**	**2.7**

Table 11: Calculated sea lice prevalence, abundance and intensity by sampling area as determined for chum salmon collected in Clayoquot Sound, BC in 2022.

Sampling Area (# of Sites)	# of Chum Analyzed	# of Infested Chum	# of Lice	Sea Lice Prevalence (%)	Sea Lice Abundance	Sea Lice Intensity
SI (3)	86	14	39	16.3	0.45	2.8
MC (3)	100	66	311	66.0	3.11	4.7
HI (3)	112	43	93	38.4	0.83	2.2
BS (6)	317	144	330	45.4	1.04	2.3
FC (4)	176	75	139	42.6	0.79	1.9
SD (1)	17	1	1	5.9	0.06	1.0
Total	**808**	**338**	**904**	**42.5**	**1.13**	**2.7**

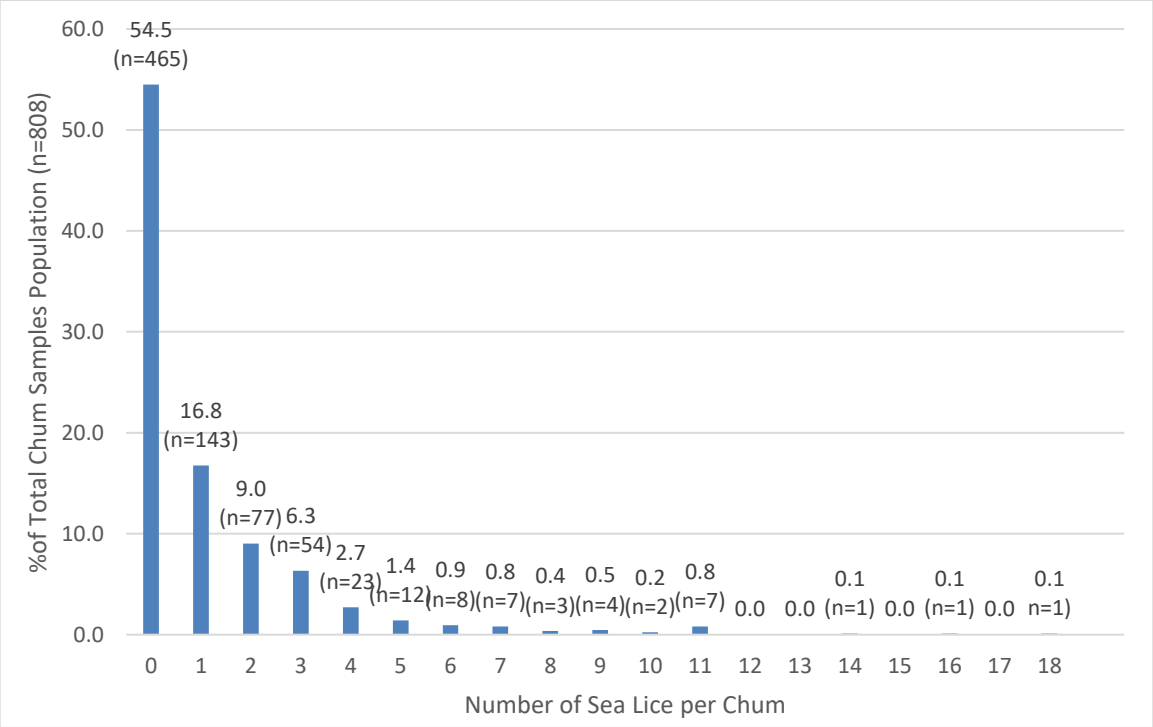

Figure 3: The number of sea lice per chum salmon graphed as a percentage of the total chum sample population collected in Clayoquot Sound in 2022.

3.4.2 Infestation Rates of Coho Salmon

A total of 45 coho salmon were collected in Clayoquot Sound in 2022 during the five sampling periods at sites BS2, BS3, BS4, BS5, FC4, FC5, HI2, MC4, SI3 (Table 5). Ten coho salmon were found to be infested with 13 lice resulting in a prevalence of 22.2 %, an abundance of 0.29 and an average intensity of 1.3 (Table 8). The infested coho salmon were collected at sites BS2, FC4, HI2, and SI3.

3.5 Infestation Rates by Sea Lice Species

A total of 910 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 351 individuals and 16 *Caligus clemensi* sea lice were found on 14 individuals analyzed in the lab (Appendix III). There were 12 samples that were infested with both *L. salmonis* and *C. clemensi*.

3.5.1 Infestation Rates by Sea Lice Species on Chum Salmon

An analysis of the species of sea lice identified on the 343 infested chum salmon collected in Clayoquot Sound in 2022 was completed and is presented in Table 12. A total of 897 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 341 juvenile chum salmon and 16 *Caligus clemensi* sea lice were found on 14 of the juvenile chum salmon analyzed in the lab (Appendix III). There were 12 chum salmon infested with lice from both species. The analysis of the species of sea lice on infested chum salmon was also summarized by grouped sampling area and presented in Table 13.

Table 12: The number of sea lice in each life stage by species identified on chum salmon from Clayoquot Sound 2022. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

Life Stage[1]	Number of lice
LEP Co	255
LEP C1	318
LEP C2	231
LEP NM NOT ID	10
LEP PAM	28
LEP PAF	42
LEP AM	10
LEP AF	0
LEP MOT NOT ID	3
TOTAL LEP	**897**
CAL Co	0
CAL C1	0
CAL C2	4
CAL C3	7
CAL C4	4
CAL NM NOT ID	0
CAL PAM	0
CAL PAF	1
CAL AM	0
CAL AF	0
CAL MOT NOT ID	0
TOTAL CAL	**16**

[1] Lice life stage codes: Co = copepodid, C1-4 = chalimus 1-4, NM Not ID = non-motile not identified, PAM = pre-adult male, PAF = pre-adult female, AM = adult male, AF = adult female, Mot Not ID = motile not identified.

Table 13: The number of sea lice in each life stage by species identified on chum salmon grouped by collection area in Clayoquot Sound in 2022. LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

Life Stage[1]	Sampling Area (Number of fish analyzed)						
	All Sites (808)	SI (86)	MC (100)	HI (112)	BS (317)	FC (176)	SD (17)
LEP Co	255	14	86	16	113	25	1
LEP C1	318	14	99	42	106	57	0
LEP C2	231	5	96	22	68	40	0
LEP NM NOT ID	10	0	4	2	3	1	0
LEP PAM	28	1	8	5	13	1	0
LEP PAF	42	4	10	5	13	10	0
LEP AM	10	1	2	0	3	4	0
LEP AF	0	0	0	0	0	0	0
LEP MOT NOT ID	3	0	1	1	1	0	0
TOTAL LEP	**897**	**39**	**306**	**93**	**320**	**138**	**1**
CAL Co	0	0	0	0	0	0	0
CAL C1	0	0	0	0	0	0	0
CAL C2	4	0	2	0	1	1	0
CAL C3	7	0	2	0	5	0	0
CAL C4	4	0	1	0	3	0	0
CAL NM NOT ID	0	0	0	0	0	0	0
CAL PAM	0	0	0	0	0	0	0
CAL PAF	1	0	0	0	1	0	0
CAL AM	0	0	0	0	0	0	0
CAL AF	0	0	0	0	0	0	0
CAL MOT NOT ID	0	0	0	0	0	0	0
TOTAL CAL	**16**	**0**	**5**	**0**	**10**	**1**	**0**

[1] Lice life stage codes: Co = copepodid, C1-4 = chalimus 1-4, NM Not ID = non-motile not identified, PAM = pre-adult male, PAF = pre-adult female, AM = adult male, AF = adult female, Mot Not ID = motile not identified.

3.5.2 Infestation Rates by Sea Lice Species on Coho Salmon

There were 10 coho salmon infested with 13 *Lepeophtheirus salmonis* sea lice of various life stages. These included 1 C1, 1 C2, one unidentified non-motile louse, 4 pre-adult or adult males and 6 pre-adult or adult female lice (Appendix III).

No *Caligus clemensi* sea lice were found on any of the juvenile coho salmon analyzed in the lab (n=45) collected in Clayoquot Sound in 2022.

4.0 Conclusions

This report presents the data from the seventh year of beach seining and sea lice analysis conducted for wild juvenile salmonid monitoring in Clayoquot Sound, BC by Cermaq Canada. This report is limited to the summary and presentation of data from sampling and analysis completed in 2022. Historic sea lice data for infestation rates on chum salmon from 2016 to 2022 is included in Appendix IV.

A total of 853 juvenile salmonids underwent analysis for sea lice infestation including 808 chum salmon and 45 coho salmon. No pink salmon, sockeye salmon or Atlantic salmon were captured during sampling completed in Clayoquot Sound in 2022. Chinook salmon and threespine stickleback captured were not retained for sea lice analysis.

From the total sample population 353 samples were infested with 926 sea lice. The calculated prevalence for the total sample population was 40.8 % and the sea lice abundance was 1.08 for the sample population collected in Clayoquot Sound in 2022.

Chum salmon smolts were captured in significantly greater numbers than any other species. A total of 6717 chum salmon were captured, representing 97.8 % of all captured samples. Of the 6717 chum captured, 808 were kept for lab analysis for sea lice infestation. A total of 343 chum smolts were found to be infested with 913 lice resulting in a calculated prevalence of 42.5 %, abundance of 1.13 and an average intensity of 2.7 for the chum sample population.

A total of 45 coho salmon were captured and retained for sea lice analysis. Ten coho smolts were found to be infested with 13 sea lice resulting in a calculated prevalence of 22.2 %, abundance of 0.29 and an intensity of 1.3 for the coho salmon sample population.

A total of 910 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 351 individuals and 16 *Caligus clemensi* sea lice were found on 14 individuals analyzed in the lab (Appendix III). There were 12 samples that were infested with both *L. salmonis* and *C. clemensi*.

For the chum salmon sample population, a total of 897 *Lepeophtheirus salmonis* sea lice of various life stages were identified on 341 juvenile chum salmon and 16 *Caligus clemensi* sea lice were found on 14 of the juvenile chum salmon analyzed in the lab. There were 12 chum salmon infested with lice from both species.

For the coho salmon sample population, there were 10 coho salmon infested with 13 *Lepeophtheirus salmonis* sea lice of various life stages. No *Caligus clemensi* sea lice were found on the juvenile coho salmon analyzed in the lab (n=45) collected in Clayoquot Sound in 2022.

5.0 References

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Appendix I – Field Data

Date	Time	Site Name	Salinity (ppt)	Temperature (deg C.)	DO (mg/ L)	Salinity (ppt)	Temperature (deg C.)	DO (mg/ L)
			0.2m	0.2m	0.2m	1.0m	1.0m	1.0m
4-6-2022	8:50:00	BS1	24.5	8.4				
4-6-2022	14:46:00	BS2	23.9	9.0				
4-6-2022	10:05:00	BS3	12.9	7.1				
4-6-2022	10:32:00	BS4	20.3	8.2				
4-6-2022	11:11:00	BS5	15.0	8.0				
4-6-2022	14:09:00	BS6	21.6	8.6				
4-6-2022	12:30:00	FC2	19.3	9.3				
4-6-2022	12:54:00	FC3	16.1	9.4				
4-6-2022	11:51:00	FC4	11.7	8.6				
4-6-2022	13:35:00	FC5	24.9	8.9				
4-7-2022	14:30:00	HI1	24.0	10.7				
4-7-2022	15:05:00	HI2	15.4	10.1				
4-7-2022	12:52:00	MC1	17.8	9.9				
4-7-2022	13:40:00	MC3	20.6	10.3				
4-7-2022	10:29:00	SI1	25.3	8.6				
4-7-2022	11:17:00	SI2	15.7	8.8				
4-7-2022	12:13:00	SI3	6.3	8.8				
4-21-2022	15:12:00	BS1	25.4	9.4	10.2	25.6	9.4	10.3
4-21-2022	15:46:00	BS2	25.9	9.5	10.9	26.4	9.2	9.3
4-22-2022	8:39:00	BS3	25.0	8.7	9.5	25.2	8.8	9.2
4-22-2022	9:17:00	BS4	24.2	8.5	10.1	24.2	8.5	10.1
4-22-2022	10:11:00	BS5	22.3	8.7	9.3	24.7	8.8	10.1
4-22-2022	12:54:00	BS6	25.6	9.1	10.1	25.6	9.0	9.7
4-22-2022	11:19:00	FC2	23.3	9.2	9.8	23.3	9.2	9.8
4-22-2022	11:41:00	FC3	23.8	9.3	9.7	23.9	9.2	9.6
4-22-2022	10:56:00	FC4	22.4	9.4	10.0	23.2	9.2	9.9
4-22-2022	12:17:00	FC5	25.4	9.2	9.7	25.3	9.2	9.6
4-21-2022	13:07:00	HI1	24.5	9.8	10.9	26.2	9.7	10.8
4-21-2022	13:49:00	HI2	26.0	9.4	10.4	26.2	9.4	10.5
4-21-2022	14:22:00	HI3	25.2	9.2	10.5	26.2	9.3	10.4
4-21-2022	12:28:00	MC1	23.2	9.1	10.3	24.1	9.0	10.1
4-21-2022	9:18:00	MC3	26.1	8.9	9.6	26.1	8.9	9.9
4-21-2022	8:37:00	MC4	26.6	8.9	9.4	26.6	8.9	9.5
4-21-2022	10:18:00	SD1	24.1	8.7	12.1	24.2	8.7	11.8
4-21-2022	10:58:00	SI1	25.7	9.0	10.5	25.8	9.0	10.7
4-21-2022	11:27:00	SI2	26.2	9.0	10.3	26.4	9.0	10.5
4-21-2022	11:58:00	SI3	25.4	9.6	10.9	27.4	9.2	11.4

Date	Time	Site Name	Salinity (ppt)	Temperature (deg C.)	DO (mg/ L)	Salinity (ppt)	Temperature (deg C.)	DO (mg/ L)
			0.2m	0.2m	0.2m	1.0m	1.0m	1.0m
5-5-2022	14:48:00	BS1	24.4	9.4	9.1	24.1	9.4	9.0
5-5-2022	15:15:00	BS2	19.8	9.0	9.9	23.9	9.0	8.9
5-6-2022	8:36:00	BS3	19.9	8.8	9.3	24.0	9.1	9.3
5-6-2022	9:03:00	BS4	19.3	8.3	9.7	20.1	8.4	9.5
5-6-2022	9:44:00	BS5	8.2	7.5	11.3	8.3	7.4	11.1
5-6-2022	12:14:00	BS6	24.6	10.0	9.3	24.7	9.9	9.3
5-6-2022	11:10:00	FC2	22.7	9.7	9.6	22.6	9.6	9.7
5-6-2022	11:27:00	FC3	21.4	9.9	9.7	21.4	9.9	9.8
5-6-2022	10:36:00	FC4	14.7	8.7	10.5	22.5	9.5	9.2
5-6-2022	11:49:00	FC5	19.7	9.8	10.5	21.9	9.6	9.8
5-5-2022	12:53:00	HI1	19.5	9.9	10.1	20.3	10.0	10.1
5-5-2022	13:30:00	HI2	20.6	10.1	10.4	25.7	10.0	11.0
5-5-2022	14:08:00	HI3	25.2	9.8	9.9	26.1	9.8	9.9
5-5-2022	12:12:00	MC1	20.7	9.7	9.8	24.4	10.0	9.6
5-5-2022	9:24:00	MC3	20.0	9.1	9.5	21.2	9.2	9.8
5-5-2022	8:52:00	MC4	23.1	9.6	9.7	24.0	9.7	9.8
5-5-2022	10:27:00	SD1	19.5	9.3	9.0	18.4	9.2	10.5
5-5-2022	10:51:00	SI1	25.0	9.5	9.7	24.9	9.5	9.6
5-5-2022	11:17:00	SI2	15.9	8.5	10.0	18.4	8.7	10.1
5-5-2022	11:45:00	SI3	3.5	7.4	11.0	4.6	7.4	10.8
5-19-2022	13:56:00	BS1	23.7	12.4	10.1	24.9	11.4	9.8
5-19-2022	14:13:00	BS2	26.1	10.6	9.5	26.4	10.3	9.3
5-20-2022	8:03:00	BS3	19.5	9.4	9.9	19.9	9.5	9.9
5-20-2022	8:27:00	BS4	13.1	9.6	10.3	16.7	10.0	10.3
5-20-2022	9:01:00	BS5	12.7	9.3	10.4	18.5	9.5	9.8
5-20-2022	11:34:00	BS6	24.3	10.7	9.5	25.5	10.1	9.1
5-20-2022	10:06:00	FC2	22.8	11.2	11.0	23.1	11.0	11.0
5-20-2022	10:21:00	FC3	23.2	11.0	9.7	24.0	10.6	9.2
5-20-2022	9:44:00	FC4	23.0	10.3	9.0	22.0	10.3	8.9
5-20-2022	10:58:00	FC5	24.9	10.7	9.4	25.0	10.6	9.4
5-19-2022	12:00:00	HI1	21.0	10.5	10.3	20.8	10.4	10.0
5-19-2022	12:36:00	HI2	15.2	10.6	11.2	22.9	10.6	10.8
5-19-2022	13:20:00	HI3	18.0	12.5	10.8	22.9	11.2	11.3
5-19-2022	11:22:00	MC1	22.5	10.5	10.3	22.3	10.7	10.2
5-19-2022	8:39:00	MC3	14.2	8.5	10.7	16.0	8.4	10.5
5-19-2022	8:20:00	MC4	21.6	9.9	10.0	24.8	10.0	9.7
5-19-2022	9:47:00	SD1	7.2	8.3	11.1	16.0	8.5	10.5
5-19-2022	10:20:00	SI1	17.7	9.4	10.3	18.1	9.3	10.1
5-19-2022	10:35:00	SI2	22.8	9.9	14.3	24.1	9.8	13.2

Date	Time	Site Name	Salinity (ppt)	Temperature (deg C.)	DO (mg/ L)	Salinity (ppt)	Temperature (deg C.)	DO (mg/ L)
			0.2m	0.2m	0.2m	1.0m	1.0m	1.0m
5-19-2022	10:55:00	SI3	11.7	9.0	10.9	14.1	9.2	10.5
6-1-2022	12:38:00	BS1	24.5	11.8	9.7	24.9	11.7	9.7
6-1-2022	12:54:00	BS2	23.9	11.4	10.0	25.3	11.4	10.0
6-2-2022	7:58:00	BS3	23.7	11.8	9.2	24.1	11.7	9.1
6-2-2022	8:23:00	BS4	17.0	11.9	10.2	18.9	11.9	10.1
6-2-2022	9:03:00	BS5	11.0	10.1	11.0	13.6	10.2	10.8
6-2-2022	11:01:00	BS6	17.5	12.5	9.9	23.8	12.2	9.6
6-2-2022	10:01:00	FC2	20.7	12.3	10.4	22.1	12.1	10.4
6-2-2022	10:15:00	FC3	22.0	12.4	10.0	22.0	12.4	10.1
6-2-2022	9:39:00	FC4	20.8	12.0	10.5	22.5	12.0	10.4
6-2-2022	10:35:00	FC5	25.2	10.9	9.0	25.2	10.9	8.9
6-1-2022	11:24:00	HI1	10.4	12.9	10.2	10.3	12.8	10.2
6-1-2022	11:44:00	HI2	18.2	14.1	9.3	19.2	14.1	9.5
6-1-2022	12:10:00	HI3	22.5	13.1	9.5	23.6	13.0	9.6
6-1-2022	10:53:00	MC1	12.0	13.0	9.4	19.9	13.0	9.2
6-1-2022	8:41:00	MC3	21.6	13.3	9.1	22.3	13.3	9.2
6-1-2022	8:25:00	MC4	21.0	12.9	8.6	21.1	13.0	8.7
6-1-2022	9:00:00	SD1	19.3	13.7	8.9	22.2	13.0	9.3
6-1-2022	9:47:00	SI1	23.4	12.4	9.0	23.9	12.3	9.0
6-1-2022	10:04:00	SI2	24.1	11.5	9.2	24.0	11.5	9.2
6-1-2022	10:36:00	SI3	16.0	12.9	9.5	16.2	12.9	9.5

Appendix II – Capture and Collection Sample Totals

Date	Time	Site Name	Tide Stage	Pink Captured	Pink Retained	Chum Captured	Chum Retained	Coho Captured	Coho Retained	Chinook Captured	Chinook Retained	Sockeye Captured	Sockeye Retained	TSB Captured	TSB Retained	Salmonid Mortalities	Weather Comments	Comments
4-6-2022	8:50:00	BS1	Low	0	0	42	15	0	0	0	0	0	0	1	0	15	Overcast, calm	shallow beach, dropping tide, boat was stuck in shallow water, 2 flounder, YSI wouldn't turn on
4-6-2022	14:46:00	BS2	Mid	0	0	110	15	0	0	0	0	0	0	0	0	0	Wind, overcast	1 sculpin, live liced
4-6-2022	10:05:00	BS3	Low	0	0	98	15	0	0	0	0	0	0	0	0	0	Overcast, calm	25 green crab, 12 flounder, 6 sculpins, live liced
4-6-2022	10:32:00	BS4	Low	0	0	56	15	0	0	0	0	0	0	0	0	0	Overcast, calm	2 tubesnouts, 7 pipefish, 20 sculpins, live liced
4-6-2022	11:11:00	BS5	Low	0	0	7	7	0	0	0	0	0	0	0	0	0	Overcast, calm	2 sculpins, mergansers on site
4-6-2022	14:09:00	BS6	Low	0	0	44	15	0	0	0	0	0	0	0	0	2	Overcast, calm	4 sculpins, 1 kelp perch, 1 juvenile lingcod, lots of gravel in set, live liced
4-6-2022	12:30:00	FC2	Low	0	0	10	10	0	0	0	0	0	0	4	0	0	Overcast, calm	5 juvenile lingcod, 1 leather star, 1 gunnel, 12 kelp perch
4-6-2022	12:54:00	FC3	Low	0	0	98	15	0	0	0	0	0	0	0	0	0	Overcast, calm	1 red crab, 5 flatfish, 2 decorator crab, 4 sculpins, 1 gunnel, 4 pipefish, live liced
4-6-2022	11:51:00	FC4	Low	0	0	322	15	2	2	0	0	0	0	3	0	0	Overcast, calm	2 juvenile lingcod, 6 sculpins, 10 pipefish, 1 sailfin sculpin, live liced
4-6-2022	13:35:00	FC5	Mid	0	0	126	15	0	0	0	0	0	0	0	0	0	Light wind, overcast	1 leatherstar, 2 crabs, sculpins, flounder, mergansers and great blue heron onsite, live liced
4-7-2022	14:30:00	HI1	Mid	0	0	5	5	0	0	0	0	0	0	0	0	0	Overcast, calm	lions mane, 2 sculpins
4-7-2022	15:05:00	HI2	Mid	0	0	181	15	0	0	0	0	0	0	0	0	1	Overcast, calm	jellies, live liced
4-7-2022	12:52:00	MC1	Low	0	0	31	15	0	0	0	0	0	0	1	0	0	Overcast, medium wind	1 kelp perch, 2 pipefish, live liced
4-7-2022	13:40:00	MC3	Mid	0	0	73	15	0	0	0	0	0	0	0	0	0	Overcast, light wind	1 sea cucumber, kelp clingfish, 3 pipefish, gunnels, sculpins
4-7-2022	10:29:00	SI1	Low	0	0	37	15	0	0	0	0	0	0	0	0	0	Overcast, calm	1 red irish lord, 2 pipefish, 2 flounder, live liced
4-7-2022	11:17:00	SI2	Low	0	0	30	15	0	0	1	0	0	0	5	0	0	Overcast, calm	5 juvenile lingcod, 3 pipefish, 2 starry flounders, 30 sea cucumbers, live liced
4-7-2022	12:13:00	SI3	Low	0	0	94	15	4	4	43	0	0	0	0	0	0	Overcast, calm	5 flounders, 6 sculpins, live liced
4-21-2022	15:12:00	BS1	Mid	0	0	113	15	0	0	0	0	0	0	0	0	0	Overcast, waves	abundant juvenile flounder, live liced
4-21-2022	15:46:00	BS2	Mid	0	0	181	15	0	0	0	0	0	0	0	0	1	Overcast, calm	1 great sculpin, 2 green crabs, live liced
4-21-2022	13:07:00	HI1	Low	0	0	137	15	0	0	0	0	0	0	0	0	2	Rain, calm	1 herring, live liced
4-21-2022	13:49:00	HI2	Mid	0	0	14	14	0	0	0	0	0	0	0	0	0	Rain, calm	
4-21-2022	14:22:00	HI3	Mid	0	0	0	0	0	0	0	0	0	0	0	0	0	Rain, calm	1 gobi, 1 sea cucumber, 3 pipefish
4-21-2022	12:28:00	MC1	Low	0	0	4	4	0	0	1	0	0	0	0	0	0	Rain, light wind	2 juvenile lingcod
4-21-2022	9:18:00	MC3	Mid	0	0	59	15	0	0	0	0	0	0	0	0	0	Overcast, calm	6 tubesnouts, 3 pipefish, 5 shiner perch, live liced
4-21-2022	8:37:00	MC4	Mid	0	0	41	15	2	2	0	0	0	0	0	0	0	Overcast, swell	30 flounder, big swells, live liced but released struggling fish early, bubbler not helping
4-21-2022	10:18:00	SD1	Low	0	0	96	15	0	0	0	0	0	0	0	0	0	Overcast, swell	30 kelp perch, swell, live liced
4-21-2022	10:58:00	SI1	Low	0	0	0	0	0	0	0	0	0	0	0	0	0	Overcast, calm	2 kelp crabs, 2 ochre stars
4-21-2022	11:27:00	SI2	Low	0	0	6	6	0	0	0	0	0	0	1	0	0	Rain, calm	10 juvenile lingcod, 2 pipefish, 5 green crabs, 1 moonsnail, 30 flounders
4-21-2022	11:58:00	SI3	Low	0	0	6	6	0	0	1	0	0	0	0	0	0	Rain, calm	tide too low to get to usual beach, set on beach in front, 1 green crab, 3 people at cabin
4-22-2022	8:39:00	BS3	Mid	0	0	4	4	1	1	0	0	0	0	0	0	0	Overcast, calm	5 green crabs, 4 sculpins, 1 gunnel
4-22-2022	9:17:00	BS4	Mid	0	0	461	15	1	0	0	0	0	0	0	0	3	Overcast, calm	45 cm coho released, live liced
4-22-2022	10:11:00	BS5	Mid	0	0	657	15	1	1	0	0	0	0	0	0	0	Overcast, calm	fish flipping offshore, live liced
4-22-2022	12:54:00	BS6	Low	0	0	194	15	0	0	0	0	0	0	0	0	0	Overcast, calm	1 greenling, 1 shiner perch, 2 pipefish, live liced
4-22-2022	11:19:00	FC2	Low	0	0	0	0	0	0	0	0	0	0	0	0	0	Overcast, calm	2 pipefish, 1 sculpin, tide twist in net
4-22-2022	11:41:00	FC3	Low	0	0	193	15	0	0	0	0	0	0	0	0	0	Overcast, calm	1 red rock crab, live liced
4-22-2022	10:56:00	FC4	Mid	0	0	11	11	0	0	0	0	0	0	1	0	0	Overcast, calm	2 juvenile lingcod, 2 kelp crabs, 3 gunnels, 5 sculpins
4-22-2022	12:17:00	FC5	Low	0	0	87	15	0	0	0	0	0	0	0	0	0	Overcast, calm	1 green crab, 2 pipefish, 2 kelp crabs, live liced

Date	Time	Site Name	Tide Stage	Pink Captured	Pink Retained	Chum Captured	Chum Retained	Coho Captured	Coho Retained	Chinook Captured	Chinook Retained	Sockeye Captured	Sockeye Retained	TSB Captured	TSB Retained	Salmonid Mortalities	Weather Comments	Comments
5-5-2022	14:48:00	BS1	Mid	0	0	18	15	0	0	0	0	0	0	1	0	0	Heavy rain, waves	2 sandlances, 6 sculpins, abundant juvenile flounders, live liced
5-5-2022	15:15:00	BS2	Mid	0	0	1	1	0	0	0	0	0	0	0	0	0	Heavy rain, calm	sculpins, 5 juvenile flounder
5-5-2022	12:53:00	HI1	Mid	0	0	1043	15	0	0	0	0	0	0	0	0	0	Rain, calm	1 sculpin, live liced
5-5-2022	13:30:00	HI2	Mid	0	0	124	16	0	0	0	0	0	0	0	0	0	Rain, waves	1 lion mane, 1 batstar, live liced
5-5-2022	14:08:00	HI3	Mid	0	0	0	0	0	0	0	0	0	0	0	0	0	Rain, calm	1 pipefish, 1 juvenile greenling, 1 juvenile rockfish, 1 sculpin
5-5-2022	12:12:00	MC1	Mid	0	0	0	0	0	0	0	0	0	0	0	0	0	Rain, calm	4 pipefish, 2 sculpins, 1 juvenile greenling, 1 red rock crab
5-5-2022	9:24:00	MC3	Mid	0	0	68	15	0	0	0	0	0	0	0	0	0	Rain, calm	6 greenling, 4 sculpins, 3 seas cucumbers, 50 shiner perch, pipefish, kelp clingfish abundant, live liced
5-5-2022	8:52:00	MC4	Mid	0	0	1	1	1	1	0	0	0	0	0	0	0	Rain, swell	3 flounders, 5 sculpins, 1 shiner perch, 30 sand lances, 6 pipefish
5-5-2022	10:27:00	SD1	Low	0	0	2	2	0	0	0	0	0	0	0	0	0	Rain, swell	3 kelp perch, 1 juvenile rockfish
5-5-2022	10:51:00	SI1	Low	0	0	0	0	0	0	0	0	0	0	0	0	0	Rain, calm	3 juvenile greenling, 1 pipefish, 1 kelp crab
5-5-2022	11:17:00	SI2	Low	0	0	4	4	0	0	0	0	0	0	0	0	0	Rain, calm	3 green crab, 7 sea cucumbers, 8 juvenile greenling, 10 pipefish, 5 sculpins
5-5-2022	11:45:00	SI3	Low	0	0	2	2	5	5	1	0	0	0	0	0	0	Rain, calm	2 greeen crabs, 1 juvenile greenling, 10 juvenile flounders
5-6-2022	8:36:00	BS3	Mid	0	0	0.0	0	10	10	0	0	0	0	0	0	0	Overcast, calm	5 green grabs, 1 gunnel, 3 sculpins, 20 juvenile flounders
5-6-2022	9:03:00	BS4	Low	0	0	68	15	0	0	0	0	0	0	0	0	0	Overcast, waves	1 co sole, 10 pipefish, 20 sculpins, live liced
5-6-2022	9:44:00	BS5	Low	0	0	74	15	0	0	0	0	0	0	0	0	0	Sun, calm	sculpins, live liced
5-6-2022	12:14:00	BS6	Low	0	0	263	15	0	0	0	0	0	0	0	0	1	Overcast, calm	1 juvenile rockfish, 3 kelp perch, live liced
5-6-2022	11:10:00	FC2	Low	0	0	0	0	0	0	0	0	0	0	0	0	0	Sun, calm	3 cutthroat, 10 gunnel
5-6-2022	11:27:00	FC3	Low	0	0	0	0	0	0	0	0	0	0	0	0	0	Sun, calm	6 pipefish, 20 gunnels, 5 sculpins
5-6-2022	10:36:00	FC4	Low	0	0	167	15	0	0	0	0	0	0	0	0	0	Sun, cloud, calm	10 pipefish, 7 sculpins, 2 tubesnouts, 3 shiner perch, live liced
5-6-2022	11:49:00	FC5	Low	0	0	9	9	0	0	0	0	0	0	0	0	0	Cloud, calm	10 sculpins, 3 leather stars, 1 moonsnail egg casing
5-19-2022	13:56:00	BS1	Mid	0	0	1	1	0	0	0	0	0	0	0	0	0	Wind, chop, sun, cloud	sculpins
5-19-2022	14:13:00	BS2	Mid	0	0	15	15	1	1	0	0	0	0	0	0	0	Wind, calm, sun, cloud	sculpins
5-19-2022	12:00:00	HI1	Low	0	0	80	15	0	0	0	0	0	0	0	0	1	Calm, sun	sculpins, juvenile lingcod, 15 extra retained for Lance
5-19-2022	12:36:00	HI2	Low	0	0	51	15	0	0	0	0	0	0	0	0	0	Calm, sun	1 herring, jellyfish, 15 extra retained for Lance
5-19-2022	13:20:00	HI3	Mid	0	0	2	2	0	0	0	0	0	0	0	0	0	Calm, sun	fish observed jumping out deeper, tubesnout, 1 greenling, 1 kelp crab, jellyfish
5-19-2022	11:22:00	MC1	Low	0	0	1	1	0	0	0	0	0	0	0	0	0	Calm, sun	sculpins, jellyfish
5-19-2022	8:39:00	MC3	Low	0	0	270	15	0	0	0	0	0	0	0	0	0	Calm, sun	gunnels, 300 shiner perch, juvenile lingcod, 15 extra samples retained for Lance
5-19-2022	8:20:00	MC4	Low	0	0	0	0	0	0	0	0	0	0	0	0	0	Calm, sun	gunnels, pipefish, greenling, red crab, flatfish, juvenile lingcod
5-19-2022	9:47:00	SD1	Low	0	0	0	0	0	0	0	0	0	0	0	0	0	Calm, sun	2 juvenile lingcod, 100s of jellies
5-19-2022	10:20:00	SI1	Low	0	0	4	4	0	0	0	0	0	0	0	0	0	Calm, sun	pipefish, juvenile lingcod
5-19-2022	10:35:00	SI2	Low	0	0	4	4	0	0	0	0	0	0	0	0	0	Calm, sun	flatfish, sandlances
5-19-2022	10:55:00	SI3	Low	0	0	15	15	1	1	37	0	0	0	0	0	0	Calm, sun	sculpins, jellyfish, pipefish
5-20-2022	8:03:00	BS3	Mid	0	0	0	0	0	0	0	0	0	0	0	0	0	Calm, sun	47 green crab, flatfish, juvenile lingcod, gunnels, 1 shiner perch
5-20-2022	8:27:00	BS4	Mid	0	0	250	15	0	0	0	0	0	0	0	0	0	Calm, sun	gunnels, sculpins, extra 15 taken for Lance
5-20-2022	9:01:00	BS5	Low	0	0	200	15	1	1	0	0	0	0	0	0	1	Calm, sun	7 green crabs, flatfish, sculpins, 15 extra taken for Lance
5-20-2022	11:34:00	BS6	Low	0	0	80	15	0	0	0	0	0	0	0	0	2	Calm, sun	gunnels, sculpins, jellyfish
5-20-2022	10:06:00	FC2	Low	0	0	0	0	0	0	0	0	0	0	0	0	0	Calm, sun	gunnels, pipefish, tubesnouts, sculpins, 2 shiner perch, fish observed deeper off shore.
5-20-2022	10:21:00	FC3	Low	0	0	19	15	0	0	0	0	0	0	0	0	0	Calm, sun	gunnels, sculpins, 230 shiner perch, flatfish
5-20-2022	9:44:00	FC4	Low	0	0	0	0	12	12	0	0	0	0	0	0	0	Calm, sun	gunnels, juvenile lingcod, kelp crab, sculpins
5-20-2022	10:58:00	FC5	Low	0	0	75	15	1	1	0	0	0	0	0	0	0	Calm, sun	1 green crab, 150 shiner perch, sculpins, gunnels, flatfish

Date	Time	Site Name	Tide Stage	Pink Captured	Pink Retained	Chum Captured	Chum Retained	Coho Captured	Coho Retained	Chinook Captured	Chinook Retained	Sockeye Captured	Sockeye Retained	TSB Captured	TSB Retained	Salmonid Mortalities	Weather Comments	Comments
6-1-2022	12:38:00	BS1	Mid	0	0	0	0	0	0	0	0	0	0	0	0	0	Calm, light rain, overcast	flatfish, sculpins, 1 red rock crab
6-1-2022	12:54:00	BS2	Mid	0	0	3	3	0	0	0	0	0	0	0	0	0	Calm, light rain, overcast	juvenile lingcod, 2 green crab, flatfish, sculpin
6-1-2022	11:24:00	HI1	Mid	0	0	0	0	0	0	0	0	0	0	0	0	0	Calm, light rain, overcast	1 cutthroat, abundant sandlances
6-1-2022	11:44:00	HI2	Mid	0	0	0	0	1	1	0	0	0	0	0	0	0	Calm, light rain, overcast	1 fried egg jellyfish, 20 pile perch
6-1-2022	12:10:00	HI3	Mid	0	0	0	0	0	0	0	0	0	0	0	0	0	Calm, light rain, overcast	gunnels, 10 juvenile rockfish, sandlances, 1 shiner perch
6-1-2022	10:53:00	MC1	Low	0	0	0	0	0	0	0	0	0	0	0	0	0	Calm, light rain, overcast	8 sculpins, 1 kelp crab, 5 flatfish, 1 juvenile lingcod
6-1-2022	8:41:00	MC3	Low	0	0	4	4	0	0	0	0	0	0	0	0	0	Calm, overcast	abundant shiner perch, 50 rockfish, 1 sea cucumber, gunnels, 15 greenling
6-1-2022	8:25:00	MC4	Low	0	0	0	0	1	1	0	0	0	0	0	0	0	Calm, overcast	1 pile perch, 8 shiner perch, 1 greenling, sandlances, flatfish, 2 leather stars, pipefish
6-1-2022	9:00:00	SD1	Low	0	0	0	0	0	0	0	0	0	0	0	0	0	Calm, overcast	1 sculpin, 1 gunnel
6-1-2022	9:47:00	SI1	Low	0	0	0	0	0	0	0	0	0	0	0	0	0	Calm, overcast	1 leatherstar, 2 sculpins, 8 herring, sandlances
6-1-2022	10:04:00	SI2	Low	0	0	0	0	0	0	1	0	0	0	0	0	0	Calm, overcast	10 green crab, 20 sea cucumbers, gunnels, 1 juvenile rockfish, juvenile lingcod
6-1-2022	10:36:00	SI3	Low	0	0	0	0	0	0	0	0	0	0	0	0	0	Calm, overcast	5 green crab, gunnels, sculpins, flastfish, juvenile lingcod
6-2-2022	7:58:00	BS3	Low	0	0	1	1	0	0	0	0	0	0	0	0	0	Calm, cloud, sun	46 green crab, gunnels, shiner perch, 1 cutthroat, juvenile lingcod
6-2-2022	8:23:00	BS4	Low	0	0	45	15	1	1	0	0	0	0	0	0	0	Calm, cloud, sun	30 extra kept for Lance's presentation, gunnels, 1 red rock crab, sculpins, pipefish
6-2-2022	9:03:00	BS5	Low	0	0	0	0	0	0	0	0	0	0	0	0	0	Calm, cloud, sun	5 sculpins, 3 green crabs
6-2-2022	11:01:00	BS6	Low	0	0	90	15	0	0	0	0	0	0	0	0	0	Calm, overcast, sun	1 red rock crab, 1 kelp crab, sculpins, gunnels, live liced
6-2-2022	10:01:00	FC2	Low	0	0	1	1	0	0	0	0	0	0	0	0	0	Calm, cloud, sun	1 cutthroat, gunnels, sculpins, 6 shiner perch, pipefish
6-2-2022	10:15:00	FC3	Low	0	0	3	3	0	0	0	0	0	0	1	0	0	Calm, cloud, sun	gunnels, 1 red rock crab, 15 shiner perch, pipefish, sculpins
6-2-2022	9:39:00	FC4	Low	0	0	7	7	0	0	0	0	0	0	0	0	0	Calm, cloud, sun	gunnels, sculpins, shiner perch, pipefish
6-2-2022	10:35:00	FC5	Low	0	0	24	15	0	0	0	0	0	0	0	0	0	Calm, cloud, sun	gunnels, juvenile lingcod, 1 green crab, sculpins, live liced

Appendix III – Sea Lice Analysis Data

SITE	DATE COLLECTED	FISH SPECIES	LENGTH IN MM	WEIGHT IN G	LEP Co	LEP C1	LEP C2	LEP NM NOT ID	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP MOT NOT ID	CAL Co	CAL C1	CAL C2	CAL C3	CAL C4	CAL NM NOT ID	CAL PAM	CAL_PAF	CAL AM	CAL AF	CAL MOT NOT ID	TOT LICE ID
BS1	06-Apr-22	Chum	35	0.6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS1	06-Apr-22	Chum	34	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS1	06-Apr-22	Chum	34	0.6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS1	06-Apr-22	Chum	35	0.6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS1	06-Apr-22	Chum	44	1.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS1	06-Apr-22	Chum	36	0.8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS1	06-Apr-22	Chum	40	1.0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS1	06-Apr-22	Chum	33	0.5	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS1	06-Apr-22	Chum	40	0.8	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS1	06-Apr-22	Chum	36	0.8	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS1	06-Apr-22	Chum	44	1.1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS1	06-Apr-22	Chum	35	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS1	06-Apr-22	Chum	31	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS1	06-Apr-22	Chum	32	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS1	06-Apr-22	Chum	41	0.9	3	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
BS2	06-Apr-22	Chum	49	1.1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
BS2	06-Apr-22	Chum	44	0.8	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
BS2	06-Apr-22	Chum	41	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	06-Apr-22	Chum	39	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	06-Apr-22	Chum	35	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	06-Apr-22	Chum	38	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	06-Apr-22	Chum	44	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	06-Apr-22	Chum	50	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	06-Apr-22	Chum	38	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	06-Apr-22	Chum	40	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	06-Apr-22	Chum	41	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	06-Apr-22	Chum	43	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	06-Apr-22	Chum	48	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	06-Apr-22	Chum	39	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	06-Apr-22	Chum	39	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-Apr-22	Chum	34	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-Apr-22	Chum	37	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-Apr-22	Chum	39	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-Apr-22	Chum	43	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-Apr-22	Chum	36	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SITE	DATE COLLECTED	FISH SPECIES	LENGTH IN MM	WEIGHT IN G	LEP Co	LEP C1	LEP C2	LEP NM NOT ID	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP MOT NOT ID	CAL Co	CAL C1	CAL C2	CAL C3	CAL C4	CAL NM NOT ID	CAL PAM	CAL_PAF	CAL AM	CAL AF	CAL MOT NOT ID	TOT LICE ID
BS3	06-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-Apr-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-Apr-22	Chum	38	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-Apr-22	Chum	39	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-Apr-22	Chum	36	0.4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS4	06-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-Apr-22	Chum	36	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-Apr-22	Chum	37	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-Apr-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-Apr-22	Chum	36	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-Apr-22	Chum	38	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-Apr-22	Chum	35	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-Apr-22	Chum	36	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-Apr-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-Apr-22	Chum	37	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-Apr-22	Chum	36	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-Apr-22	Chum	36	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-Apr-22	Chum	39	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-Apr-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-Apr-22	Chum	39	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-Apr-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-Apr-22	Chum	35	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-Apr-22	Chum	40	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-Apr-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	06-Apr-22	Chum	39	0.6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	06-Apr-22	Chum	39	0.6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	06-Apr-22	Chum	40	0.6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	06-Apr-22	Chum	40	0.6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	06-Apr-22	Chum	39	0.6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	06-Apr-22	Chum	41	0.7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	06-Apr-22	Chum	43	0.8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS6	06-Apr-22	Chum	42	0.8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS6	06-Apr-22	Chum	34	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	06-Apr-22	Chum	39	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	06-Apr-22	Chum	40	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	06-Apr-22	Chum	39	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	06-Apr-22	Chum	41	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	06-Apr-22	Chum	38	0.6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3

SITE	DATE COLLECTED	FISH SPECIES	LENGTH IN MM	WEIGHT IN G	LEP Co	LEP C1	LEP C2	LEP NM NOT ID	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP MOT NOT ID	CAL Co	CAL C1	CAL C2	CAL C3	CAL C4	CAL NM NOT ID	CAL PAM	CAL_PAF	CAL AM	CAL AF	CAL MOT NOT ID	TOT LICE ID
BS6	06-Apr-22	Chum	40	0.8	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
FC2	06-Apr-22	Chum	45	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC2	06-Apr-22	Chum	39	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC2	06-Apr-22	Chum	38	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC2	06-Apr-22	Chum	41	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC2	06-Apr-22	Chum	41	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC2	06-Apr-22	Chum	39	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC2	06-Apr-22	Chum	42	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC2	06-Apr-22	Chum	33	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC2	06-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC2	06-Apr-22	Chum	36	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC3	06-Apr-22	Chum	42	1.1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC3	06-Apr-22	Chum	43	1.0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC3	06-Apr-22	Chum	35	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC3	06-Apr-22	Chum	43	0.9	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC3	06-Apr-22	Chum	37	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC3	06-Apr-22	Chum	34	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC3	06-Apr-22	Chum	40	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC3	06-Apr-22	Chum	34	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC3	06-Apr-22	Chum	33	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC3	06-Apr-22	Chum	33	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC3	06-Apr-22	Chum	36	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC3	06-Apr-22	Chum	35	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC3	06-Apr-22	Chum	39	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC3	06-Apr-22	Chum	34	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC3	06-Apr-22	Chum	33	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	06-Apr-22	Chum	38	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC4	06-Apr-22	Chum	40	0.7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC4	06-Apr-22	Coho	83	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	06-Apr-22	Coho	64	3.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	06-Apr-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	06-Apr-22	Chum	44	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	06-Apr-22	Chum	36	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	06-Apr-22	Chum	45	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	06-Apr-22	Chum	36	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	06-Apr-22	Chum	39	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	06-Apr-22	Chum	41	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	06-Apr-22	Chum	37	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	06-Apr-22	Chum	37	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	06-Apr-22	Chum	32	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	06-Apr-22	Chum	39	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	06-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SITE	DATE COLLECTED	FISH SPECIES	LENGTH IN MM	WEIGHT IN G	LEP Co	LEP C1	LEP C2	LEP NM NOT ID	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP MOT NOT ID	CAL Co	CAL C1	CAL C2	CAL C3	CAL C4	CAL NM NOT ID	CAL PAM	CAL_PAF	CAL AM	CAL AF	CAL MOT NOT ID	TOT LICE ID
FC4	06-Apr-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	06-Apr-22	Chum	41	0.8	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
FC5	06-Apr-22	Chum	51	1.5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC5	06-Apr-22	Chum	42	0.8	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC5	06-Apr-22	Chum	57	2.2	1	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
FC5	06-Apr-22	Chum	52	1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	06-Apr-22	Chum	45	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	06-Apr-22	Chum	42	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	06-Apr-22	Chum	44	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	06-Apr-22	Chum	48	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	06-Apr-22	Chum	36	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	06-Apr-22	Chum	38	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	06-Apr-22	Chum	49	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	06-Apr-22	Chum	41	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	06-Apr-22	Chum	46	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	06-Apr-22	Chum	42	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	07-Apr-22	Chum	39	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	07-Apr-22	Chum	30	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	07-Apr-22	Chum	39	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	07-Apr-22	Chum	40	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	07-Apr-22	Chum	36	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	07-Apr-22	Chum	36	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI2	07-Apr-22	Chum	35	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI2	07-Apr-22	Chum	37	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI2	07-Apr-22	Chum	40	0.7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
HI2	07-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	07-Apr-22	Chum	37	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	07-Apr-22	Chum	37	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	07-Apr-22	Chum	39	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	07-Apr-22	Chum	35	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	07-Apr-22	Chum	41	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	07-Apr-22	Chum	39	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	07-Apr-22	Chum	34	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	07-Apr-22	Chum	36	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	07-Apr-22	Chum	34	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	07-Apr-22	Chum	34	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC1	07-Apr-22	Chum	47	0.9	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
MC1	07-Apr-22	Chum	39	0.5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
MC1	07-Apr-22	Chum	39	0.6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
MC1	07-Apr-22	Chum	45	1.0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
MC1	07-Apr-22	Chum	43	0.9	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
MC1	07-Apr-22	Chum	35	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SITE	DATE COLLECTED	FISH SPECIES	LENGTH IN MM	WEIGHT IN G	LEP Co	LEP C1	LEP C2	LEP NM NOT ID	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP MOT NOT ID	CAL Co	CAL C1	CAL C2	CAL C3	CAL C4	CAL NM NOT ID	CAL PAM	CAL_PAF	CAL AM	CAL AF	CAL MOT NOT ID	TOT LICE ID
MC1	07-Apr-22	Chum	40	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC1	07-Apr-22	Chum	41	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC1	07-Apr-22	Chum	39	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC1	07-Apr-22	Chum	41	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC1	07-Apr-22	Chum	39	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC1	07-Apr-22	Chum	40	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC1	07-Apr-22	Chum	41	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC1	07-Apr-22	Chum	38	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC1	07-Apr-22	Chum	37	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC3	07-Apr-22	Chum	37	0.6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MC3	07-Apr-22	Chum	45	1.3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MC3	07-Apr-22	Chum	36	0.7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MC3	07-Apr-22	Chum	35	0.5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MC3	07-Apr-22	Chum	37	0.6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
MC3	07-Apr-22	Chum	36	0.6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
MC3	07-Apr-22	Chum	36	0.6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
MC3	07-Apr-22	Chum	35	0.5	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
MC3	07-Apr-22	Chum	34	0.5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
MC3	07-Apr-22	Chum	35	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC3	07-Apr-22	Chum	38	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC3	07-Apr-22	Chum	44	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC3	07-Apr-22	Chum	33	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC3	07-Apr-22	Chum	33	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC3	07-Apr-22	Chum	35	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI1	07-Apr-22	Chum	39	0.6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SI1	07-Apr-22	Chum	38	0.6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
SI1	07-Apr-22	Chum	36	0.4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
SI1	07-Apr-22	Chum	39	0.5	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
SI1	07-Apr-22	Chum	35	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI1	07-Apr-22	Chum	38	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI1	07-Apr-22	Chum	35	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI1	07-Apr-22	Chum	38	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI1	07-Apr-22	Chum	36	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI1	07-Apr-22	Chum	41	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI1	07-Apr-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI1	07-Apr-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI1	07-Apr-22	Chum	36	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI1	07-Apr-22	Chum	35	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI1	07-Apr-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	07-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	07-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	07-Apr-22	Chum	38	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SITE	DATE COLLECTED	FISH SPECIES	LENGTH IN MM	WEIGHT IN G	LEP Co	LEP C1	LEP C2	LEP NM NOT ID	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP MOT NOT ID	CAL Co	CAL C1	CAL C2	CAL C3	CAL C4	CAL NM NOT ID	CAL PAM	CAL_PAF	CAL AM	CAL AF	CAL MOT NOT ID	TOT LICE ID
SI2	07-Apr-22	Chum	35	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	07-Apr-22	Chum	40	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	07-Apr-22	Chum	42	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	07-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	07-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	07-Apr-22	Chum	40	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	07-Apr-22	Chum	38	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	07-Apr-22	Chum	37	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	07-Apr-22	Chum	37	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	07-Apr-22	Chum	50	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	07-Apr-22	Chum	34	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	07-Apr-22	Chum	65	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	07-Apr-22	Chum	27	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	07-Apr-22	Chum	33	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	07-Apr-22	Chum	31	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	07-Apr-22	Chum	34	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	07-Apr-22	Chum	33	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	07-Apr-22	Chum	34	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	07-Apr-22	Chum	26	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	07-Apr-22	Chum	32	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	07-Apr-22	Chum	37	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	07-Apr-22	Chum	32	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	07-Apr-22	Chum	37	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	07-Apr-22	Chum	37	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	07-Apr-22	Chum	33	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	07-Apr-22	Chum	36	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	07-Apr-22	Chum	32	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	07-Apr-22	Chum	34	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	07-Apr-22	Chum	35	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	07-Apr-22	Coho	34	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	07-Apr-22	Coho	33	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	07-Apr-22	Coho	34	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	07-Apr-22	Coho	33	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC3	20-Apr-22	Chum	41	0.6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MC3	20-Apr-22	Chum	38	0.7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
MC3	20-Apr-22	Chum	40	0.7	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
MC3	20-Apr-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC3	20-Apr-22	Chum	37	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC3	20-Apr-22	Chum	39	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC3	20-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC3	20-Apr-22	Chum	40	0.6	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
MC3	20-Apr-22	Chum	38	0.6	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
MC3	20-Apr-22	Chum	44	0.9	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
MC3	20-Apr-22	Chum	37	0.5	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5

SITE	DATE COLLECTED	FISH SPECIES	LENGTH IN MM	WEIGHT IN G	LEP Co	LEP C1	LEP C2	LEP NM NOT ID	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP MOT NOT ID	CAL Co	CAL C1	CAL C2	CAL C3	CAL C4	CAL NM NOT ID	CAL PAM	CAL_PAF	CAL AM	CAL AF	CAL MOT NOT ID	TOT LICE ID
MC3	20-Apr-22	Chum	43	0.7	1	0	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
MC3	20-Apr-22	Chum	43	0.8	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
MC3	20-Apr-22	Chum	44	0.8	0	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
MC3	20-Apr-22	Chum	44	0.7	2	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
SI3	20-Apr-22	Chum	36	0.6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SI3	20-Apr-22	Chum	33	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	20-Apr-22	Chum	33	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	20-Apr-22	Chum	35	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	20-Apr-22	Chum	34	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	20-Apr-22	Chum	35	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS1	21-Apr-22	Chum	44	1.0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS1	21-Apr-22	Chum	45	0.8	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS1	21-Apr-22	Chum	49	1.2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS1	21-Apr-22	Chum	53	1.7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS1	21-Apr-22	Chum	36	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS1	21-Apr-22	Chum	43	0.9	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS1	21-Apr-22	Chum	47	1.1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS1	21-Apr-22	Chum	56	1.6	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS1	21-Apr-22	Chum	46	1.1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS1	21-Apr-22	Chum	48	1.3	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS1	21-Apr-22	Chum	48	1.1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS1	21-Apr-22	Chum	53	1.4	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS1	21-Apr-22	Chum	49	1.3	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
BS1	21-Apr-22	Chum	51	1.5	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
BS1	21-Apr-22	Chum	53	1.6	0	2	4	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	8
BS2	21-Apr-22	Chum	47	1.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS2	21-Apr-22	Chum	40	0.6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS2	21-Apr-22	Chum	41	0.7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS2	21-Apr-22	Chum	36	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	21-Apr-22	Chum	43	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	21-Apr-22	Chum	39	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	21-Apr-22	Chum	41	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	21-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	21-Apr-22	Chum	37	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	21-Apr-22	Chum	43	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	21-Apr-22	Chum	44	1.0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS2	21-Apr-22	Chum	58	2.2	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS2	21-Apr-22	Chum	55	2.0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS2	21-Apr-22	Chum	51	1.5	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS2	21-Apr-22	Chum	50	1.5	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
HI1	21-Apr-22	Chum	56	1.8	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI1	21-Apr-22	Chum	59	2.2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

SITE	DATE COLLECTED	FISH SPECIES	LENGTH IN MM	WEIGHT IN G	LEP Co	LEP C1	LEP C2	LEP NM NOT ID	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP MOT NOT ID	CAL Co	CAL C1	CAL C2	CAL C3	CAL C4	CAL NM NOT ID	CAL PAM	CAL_PAF	CAL AM	CAL AF	CAL MOT NOT ID	TOT LICE ID
HI1	21-Apr-22	Chum	36	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	21-Apr-22	Chum	40	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	21-Apr-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	21-Apr-22	Chum	53	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	21-Apr-22	Chum	56	1.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	21-Apr-22	Chum	36	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	21-Apr-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	21-Apr-22	Chum	37	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	21-Apr-22	Chum	51	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	21-Apr-22	Chum	58	2.1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
HI1	21-Apr-22	Chum	67	3.4	0	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
HI1	21-Apr-22	Chum	50	1.4	0	2	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
HI1	21-Apr-22	Chum	52	1.4	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
HI2	21-Apr-22	Chum	42	0.7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI2	21-Apr-22	Chum	42	0.8	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI2	21-Apr-22	Chum	42	0.8	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI2	21-Apr-22	Chum	39	0.5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI2	21-Apr-22	Chum	42	0.7	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI2	21-Apr-22	Chum	39	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI2	21-Apr-22	Chum	45	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	21-Apr-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	21-Apr-22	Chum	42	0.8	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
HI2	21-Apr-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	21-Apr-22	Chum	40	0.6	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
HI2	21-Apr-22	Chum	35	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	21-Apr-22	Chum	40	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	21-Apr-22	Chum	42	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC1	21-Apr-22	Chum	38	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC1	21-Apr-22	Chum	34	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC1	21-Apr-22	Chum	41	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC1	21-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC4	21-Apr-22	Chum	35	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MC4	21-Apr-22	Chum	34	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MC4	21-Apr-22	Chum	35	0.5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MC4	21-Apr-22	Coho	91	10.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC4	21-Apr-22	Coho	86	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC4	21-Apr-22	Chum	36	0.7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
MC4	21-Apr-22	Chum	34	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC4	21-Apr-22	Chum	34	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC4	21-Apr-22	Chum	33	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC4	21-Apr-22	Chum	33	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC4	21-Apr-22	Chum	36	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SITE	DATE COLLECTED	FISH SPECIES	LENGTH IN MM	WEIGHT IN G	LEP Co	LEP C1	LEP C2	LEP NM NOT ID	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP MOT NOT ID	CAL Co	CAL C1	CAL C2	CAL C3	CAL C4	CAL NM NOT ID	CAL PAM	CAL_PAF	CAL AM	CAL AF	CAL MOT NOT ID	TOT LICE ID
MC4	21-Apr-22	Chum	33	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC4	21-Apr-22	Chum	33	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC4	21-Apr-22	Chum	34	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC4	21-Apr-22	Chum	35	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC4	21-Apr-22	Chum	40	0.7	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
MC4	21-Apr-22	Chum	35	0.5	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
SD1	21-Apr-22	Chum	40	0.7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SD1	21-Apr-22	Chum	39	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD1	21-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD1	21-Apr-22	Chum	36	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD1	21-Apr-22	Chum	36	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD1	21-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD1	21-Apr-22	Chum	36	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD1	21-Apr-22	Chum	41	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD1	21-Apr-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD1	21-Apr-22	Chum	35	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD1	21-Apr-22	Chum	39	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD1	21-Apr-22	Chum	39	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD1	21-Apr-22	Chum	45	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD1	21-Apr-22	Chum	36	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD1	21-Apr-22	Chum	35	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	21-Apr-22	Chum	41	0.8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SI2	21-Apr-22	Chum	52	1.7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
SI2	21-Apr-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	21-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	21-Apr-22	Chum	41	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	21-Apr-22	Chum	45	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	22-Apr-22	Coho	88	9.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	22-Apr-22	Chum	42	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	22-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	22-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	22-Apr-22	Chum	38	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	22-Apr-22	Chum	44	0.9	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS4	22-Apr-22	Chum	54	1.6	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS4	22-Apr-22	Chum	40	0.8	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS4	22-Apr-22	Chum	41	0.7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS4	22-Apr-22	Chum	51	1.6	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS4	22-Apr-22	Chum	45	1.0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS4	22-Apr-22	Chum	39	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	22-Apr-22	Chum	37	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	22-Apr-22	Chum	36	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	22-Apr-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SITE	DATE COLLECTED	FISH SPECIES	LENGTH IN MM	WEIGHT IN G	LEP Co	LEP C1	LEP C2	LEP NM NOT ID	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP MOT NOT ID	CAL Co	CAL C1	CAL C2	CAL C3	CAL C4	CAL NM NOT ID	CAL PAM	CAL_PAF	CAL AM	CAL AF	CAL MOT NOT ID	TOT LICE ID
BS4	22-Apr-22	Chum	37	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	22-Apr-22	Chum	43	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	22-Apr-22	Chum	44	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	22-Apr-22	Chum	43	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	22-Apr-22	Chum	34	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	22-Apr-22	Chum	36	0.6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS5	22-Apr-22	Coho	79	8.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	22-Apr-22	Chum	30	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	22-Apr-22	Chum	37	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	22-Apr-22	Chum	35	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	22-Apr-22	Chum	40	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	22-Apr-22	Chum	42	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	22-Apr-22	Chum	38	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	22-Apr-22	Chum	35	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	22-Apr-22	Chum	36	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	22-Apr-22	Chum	40	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	22-Apr-22	Chum	36	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	22-Apr-22	Chum	31	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	22-Apr-22	Chum	38	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	22-Apr-22	Chum	35	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	22-Apr-22	Chum	36	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	22-Apr-22	Chum	36	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	22-Apr-22	Chum	55	1.7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	22-Apr-22	Chum	56	1.8	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	22-Apr-22	Chum	46	1.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	22-Apr-22	Chum	57	1.9	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	22-Apr-22	Chum	43	0.8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	22-Apr-22	Chum	57	2.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	22-Apr-22	Chum	41	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	22-Apr-22	Chum	57	2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	22-Apr-22	Chum	54	1.8	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS6	22-Apr-22	Chum	55	1.8	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS6	22-Apr-22	Chum	53	1.6	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS6	22-Apr-22	Chum	53	1.7	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
BS6	22-Apr-22	Chum	51	1.5	1	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
BS6	22-Apr-22	Chum	55	1.8	0	0	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
BS6	22-Apr-22	Chum	60	2.6	4	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	7
FC3	22-Apr-22	Chum	43	0.8	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC3	22-Apr-22	Chum	45	0.9	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC3	22-Apr-22	Chum	43	0.7	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC3	22-Apr-22	Chum	44	0.9	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC3	22-Apr-22	Chum	46	1.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC3	22-Apr-22	Chum	54	1.7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

SITE	DATE COLLECTED	FISH SPECIES	LENGTH IN MM	WEIGHT IN G	LEP Co	LEP C1	LEP C2	LEP NM NOT ID	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP MOT NOT ID	CAL Co	CAL C1	CAL C2	CAL C3	CAL C4	CAL NM NOT ID	CAL PAM	CAL_PAF	CAL AM	CAL AF	CAL MOT NOT ID	TOT LICE ID
FC3	22-Apr-22	Chum	56	2.0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC3	22-Apr-22	Chum	55	1.7	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC3	22-Apr-22	Chum	46	1.0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC3	22-Apr-22	Chum	42	0.8	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
FC3	22-Apr-22	Chum	49	1.2	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
FC3	22-Apr-22	Chum	55	1.9	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
FC3	22-Apr-22	Chum	52	1.5	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
FC3	22-Apr-22	Chum	58	2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC3	22-Apr-22	Chum	43	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	22-Apr-22	Chum	39	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	22-Apr-22	Chum	35	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	22-Apr-22	Chum	37	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	22-Apr-22	Chum	39	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	22-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	22-Apr-22	Chum	34	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	22-Apr-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	22-Apr-22	Chum	40	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	22-Apr-22	Chum	40	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	22-Apr-22	Chum	38	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	22-Apr-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	22-Apr-22	Chum	33	0.4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC5	22-Apr-22	Chum	33	0.4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC5	22-Apr-22	Chum	49	1.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC5	22-Apr-22	Chum	55	2.1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC5	22-Apr-22	Chum	57	2.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC5	22-Apr-22	Chum	54	2.3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC5	22-Apr-22	Chum	52	1.8	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC5	22-Apr-22	Chum	33	0.4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC5	22-Apr-22	Chum	57	2.0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC5	22-Apr-22	Chum	52	1.7	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC5	22-Apr-22	Chum	58	2.8	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
FC5	22-Apr-22	Chum	54	2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	22-Apr-22	Chum	56	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	22-Apr-22	Chum	50	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	22-Apr-22	Chum	53	1.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	22-Apr-22	Chum	37	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS1	05-May-22	Chum	39	0.9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS1	05-May-22	Chum	39	0.8	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2
BS1	05-May-22	Chum	36	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS1	05-May-22	Chum	37	0.8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS1	05-May-22	Chum	40	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS1	05-May-22	Chum	36	0.8	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS1	05-May-22	Chum	38	0.9	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3

SITE	DATE COLLECTED	FISH SPECIES	LENGTH IN MM	WEIGHT IN G	LEP Co	LEP C1	LEP C2	LEP NM NOT ID	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP MOT NOT ID	CAL Co	CAL C1	CAL C2	CAL C3	CAL C4	CAL NM NOT ID	CAL PAM	CAL_PAF	CAL AM	CAL AF	CAL MOT NOT ID	TOT LICE ID
BS1	05-May-22	Chum	45	1.4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS1	05-May-22	Chum	40	0.9	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS1	05-May-22	Chum	36	0.6	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS1	05-May-22	Chum	37	0.8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS1	05-May-22	Chum	37	0.7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS1	05-May-22	Chum	35	0.7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
BS1	05-May-22	Chum	36	0.7	3	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	5
BS1	05-May-22	Chum	36	0.7	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
BS2	05-May-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	05-May-22	Chum	43	0.7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI1	05-May-22	Chum	41	0.6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI1	05-May-22	Chum	41	0.6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI1	05-May-22	Chum	50	1.3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
HI1	05-May-22	Chum	42	0.7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
HI1	05-May-22	Chum	38	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	05-May-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	05-May-22	Chum	44	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	05-May-22	Chum	41	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	05-May-22	Chum	43	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	05-May-22	Chum	38	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	05-May-22	Chum	37	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	05-May-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	05-May-22	Chum	40	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	05-May-22	Chum	40	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	05-May-22	Chum	38	0.6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI2	05-May-22	Chum	35	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI2	05-May-22	Chum	34	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	05-May-22	Chum	37	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	05-May-22	Chum	37	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	05-May-22	Chum	39	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	05-May-22	Chum	39	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	05-May-22	Chum	35	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	05-May-22	Chum	35	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	05-May-22	Chum	37	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	05-May-22	Chum	37	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	05-May-22	Chum	42	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	05-May-22	Chum	37	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	05-May-22	Chum	35	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	05-May-22	Chum	36	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	05-May-22	Chum	37	0.7	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
MC3	05-May-22	Chum	37	0.5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MC3	05-May-22	Chum	38	0.8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

SITE	DATE COLLECTED	FISH SPECIES	LENGTH IN MM	WEIGHT IN G	LEP Co	LEP C1	LEP C2	LEP NM NOT ID	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP MOT NOT ID	CAL Co	CAL C1	CAL C2	CAL C3	CAL C4	CAL NM NOT ID	CAL PAM	CAL_PAF	CAL AM	CAL AF	CAL MOT NOT ID	TOT LICE ID
MC3	05-May-22	Chum	37	0.4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
MC3	05-May-22	Chum	37	0.4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
MC3	05-May-22	Chum	45	1.2	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
MC3	05-May-22	Chum	38	0.5	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
MC3	05-May-22	Chum	43	0.7	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
MC3	05-May-22	Chum	44	0.9	0	4	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	6
MC3	05-May-22	Chum	37	0.7	4	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
MC3	05-May-22	Chum	48	1.0	2	4	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	8
MC3	05-May-22	Chum	41	0.5	3	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
MC3	05-May-22	Chum	49	1.1	4	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
MC3	05-May-22	Chum	50	1.3	4	3	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	11
MC3	05-May-22	Chum	46	1.0	2	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
MC3	05-May-22	Chum	47	1.0	5	8	3	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	18
MC4	05-May-22	Coho	76	4.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MC4	05-May-22	Chum	39	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD1	05-May-22	Chum	40	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD1	05-May-22	Chum	41	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	05-May-22	Chum	35	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	05-May-22	Chum	37	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	05-May-22	Chum	34	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	05-May-22	Chum	41	0.8	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
SI3	05-May-22	Chum	44	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	05-May-22	Chum	44	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	05-May-22	Coho	71	4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	05-May-22	Coho	82	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	05-May-22	Coho	79	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	05-May-22	Coho	95	9.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	05-May-22	Coho	71	3.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-May-22	Coho	79	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-May-22	Coho	80	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-May-22	Coho	68	4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-May-22	Coho	75	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-May-22	Coho	75	5.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-May-22	Coho	80	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-May-22	Coho	77	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-May-22	Coho	75	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-May-22	Coho	67	4.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS3	06-May-22	Coho	70	5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-May-22	Chum	35	0.5	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS4	06-May-22	Chum	37	0.7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS4	06-May-22	Chum	37	0.7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS4	06-May-22	Chum	34	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

SITE	DATE COLLECTED	FISH SPECIES	LENGTH IN MM	WEIGHT IN G	LEP Co	LEP C1	LEP C2	LEP NM NOT ID	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP MOT NOT ID	CAL Co	CAL C1	CAL C2	CAL C3	CAL C4	CAL NM NOT ID	CAL PAM	CAL_PAF	CAL AM	CAL AF	CAL MOT NOT ID	TOT LICE ID
BS4	06-May-22	Chum	35	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-May-22	Chum	36	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-May-22	Chum	35	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-May-22	Chum	36	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-May-22	Chum	38	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-May-22	Chum	36	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-May-22	Chum	34	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-May-22	Chum	33	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-May-22	Chum	33	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-May-22	Chum	36	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	06-May-22	Chum	31	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-May-22	Chum	38	0.6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS5	06-May-22	Chum	37	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-May-22	Chum	34	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-May-22	Chum	36	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-May-22	Chum	36	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-May-22	Chum	35	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-May-22	Chum	36	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-May-22	Chum	33	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-May-22	Chum	34	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-May-22	Chum	38	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-May-22	Chum	34	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-May-22	Chum	38	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-May-22	Chum	35	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-May-22	Chum	33	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-May-22	Chum	38	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-May-22	Chum	33	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	06-May-22	Chum	33	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	06-May-22	Chum	36	0.4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	06-May-22	Chum	38	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	06-May-22	Chum	40	0.7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	06-May-22	Chum	37	0.7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	06-May-22	Chum	35	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	06-May-22	Chum	37	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	06-May-22	Chum	38	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	06-May-22	Chum	34	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	06-May-22	Chum	34	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	06-May-22	Chum	34	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	06-May-22	Chum	33	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	06-May-22	Chum	39	0.6	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS6	06-May-22	Chum	39	0.6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS6	06-May-22	Chum	39	0.6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS6	06-May-22	Chum	39	0.6	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
FC4	06-May-22	Chum	45	1.0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

SITE	DATE COLLECTED	FISH SPECIES	LENGTH IN MM	WEIGHT IN G	LEP Co	LEP C1	LEP C2	LEP NM NOT ID	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP MOT NOT ID	CAL Co	CAL C1	CAL C2	CAL C3	CAL C4	CAL NM NOT ID	CAL PAM	CAL_PAF	CAL AM	CAL AF	CAL MOT NOT ID	TOT LICE ID
FC4	06-May-22	Chum	55	1.6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC4	06-May-22	Chum	47	1.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC4	06-May-22	Chum	52	1.3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC4	06-May-22	Chum	58	2.0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC4	06-May-22	Chum	50	1.3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC4	06-May-22	Chum	53	1.6	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC4	06-May-22	Chum	50	1.4	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC4	06-May-22	Chum	49	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	06-May-22	Chum	48	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	06-May-22	Chum	35	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	06-May-22	Chum	55	1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	06-May-22	Chum	49	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	06-May-22	Chum	54	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	06-May-22	Chum	53	1.5	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
FC5	06-May-22	Chum	35	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC5	06-May-22	Chum	39	0.8	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC5	06-May-22	Chum	48	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	06-May-22	Chum	38	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	06-May-22	Chum	38	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	06-May-22	Chum	38	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	06-May-22	Chum	39	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	06-May-22	Chum	33	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	06-May-22	Chum	35	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS1	19-May-22	Chum	49	1.1	0	3	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	5
BS2	19-May-22	Chum	83	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
BS2	19-May-22	Chum	43	0.9	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS2	19-May-22	Chum	88	7.7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS2	19-May-22	Chum	84	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	19-May-22	Chum	39	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	19-May-22	Chum	72	4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	19-May-22	Chum	91	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	19-May-22	Chum	86	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	19-May-22	Chum	90	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	19-May-22	Chum	56	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	19-May-22	Chum	102	10.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	19-May-22	Chum	85	6.4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS2	19-May-22	Chum	75	4.3	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS2	19-May-22	Chum	70	3.6	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	3
BS2	19-May-22	Chum	55	1.8	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS2	19-May-22	Coho	128	25.5	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI1	19-May-22	Chum	42	0.8	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI1	19-May-22	Chum	42	0.9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

SITE	DATE COLLECTED	FISH SPECIES	LENGTH IN MM	WEIGHT IN G	LEP Co	LEP C1	LEP C2	LEP NM NOT ID	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP MOT NOT ID	CAL Co	CAL C1	CAL C2	CAL C3	CAL C4	CAL NM NOT ID	CAL PAM	CAL_PAF	CAL AM	CAL AF	CAL MOT NOT ID	TOT LICE ID
HI1	19-May-22	Chum	19	0.8	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI1	19-May-22	Chum	41	0.8	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI1	19-May-22	Chum	40	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	19-May-22	Chum	46	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	19-May-22	Chum	46	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	19-May-22	Chum	47	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	19-May-22	Chum	44	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	19-May-22	Chum	41	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	19-May-22	Chum	50	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	19-May-22	Chum	42	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	19-May-22	Chum	40	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	19-May-22	Chum	41	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI1	19-May-22	Chum	41	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	19-May-22	Chum	54	1.7	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI2	19-May-22	Chum	50	1.4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI2	19-May-22	Chum	53	1.6	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI2	19-May-22	Chum	71	3.6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HI2	19-May-22	Chum	57	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	19-May-22	Chum	42	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	19-May-22	Chum	60	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	19-May-22	Chum	45	1.1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
HI2	19-May-22	Chum	68	3.6	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
HI2	19-May-22	Chum	60	2.3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
HI2	19-May-22	Chum	56	1.9	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
HI2	19-May-22	Chum	57	2.0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
HI2	19-May-22	Chum	57	2.2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
HI2	19-May-22	Chum	49	1.3	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
HI2	19-May-22	Chum	63	2.9	0	8	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
HI3	19-May-22	Chum	49	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI3	19-May-22	Chum	62	2.4	1	3	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
MC1	19-May-22	Chum	49	1.4	0	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
MC3	19-May-22	Chum	50	1.2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MC3	19-May-22	Chum	42	0.8	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MC3	19-May-22	Chum	40	0.6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MC3	19-May-22	Chum	57	2.0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MC3	19-May-22	Chum	41	0.7	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
MC3	19-May-22	Chum	45	0.9	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
MC3	19-May-22	Chum	53	1.8	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
MC3	19-May-22	Chum	54	1.6	0	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
MC3	19-May-22	Chum	48	1.2	4	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
MC3	19-May-22	Chum	53	1.5	2	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
MC3	19-May-22	Chum	54	1.5	4	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10

SITE	DATE COLLECTED	FISH SPECIES	LENGTH IN MM	WEIGHT IN G	LEP Co	LEP C1	LEP C2	LEP NM NOT ID	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP MOT NOT ID	CAL Co	CAL C1	CAL C2	CAL C3	CAL C4	CAL NM NOT ID	CAL PAM	CAL_PAF	CAL AM	CAL AF	CAL MOT NOT ID	TOT LICE ID
MC3	19-May-22	Chum	48	1.0	1	4	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
MC3	19-May-22	Chum	60	2.3	0	3	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
MC3	19-May-22	Chum	50	1.3	2	2	9	0	0	0		0	1	0	0	0	0	0	0	0	0	0	0	0	14
MC3	19-May-22	Chum	58	2.0	2	4	8	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	16
SI1	19-May-22	Chum	55	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI1	19-May-22	Chum	76	5.2	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
SI1	19-May-22	Chum	68	4.1	0	2	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
SI1	19-May-22	Chum	62	3.3	2	3	1	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	10
SI2	19-May-22	Chum	48	1.1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SI2	19-May-22	Chum	41	0.6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SI2	19-May-22	Chum	41	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI2	19-May-22	Chum	36	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	19-May-22	Chum	42	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	19-May-22	Chum	43	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	19-May-22	Chum	42	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	19-May-22	Chum	39	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	19-May-22	Chum	43	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	19-May-22	Chum	41	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	19-May-22	Chum	43	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	19-May-22	Chum	40	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	19-May-22	Chum	40	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	19-May-22	Chum	40	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	19-May-22	Chum	42	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	19-May-22	Chum	55	1.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	19-May-22	Chum	42	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	19-May-22	Chum	50	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	19-May-22	Chum	40	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SI3	19-May-22	Chum	41	0.7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
SI3	19-May-22	Coho	96	11.6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS4	20-May-22	Chum	42	0.8	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS4	20-May-22	Chum	52	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	20-May-22	Chum	38	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	20-May-22	Chum	41	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	20-May-22	Chum	36	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	20-May-22	Chum	37	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	20-May-22	Chum	37	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	20-May-22	Chum	35	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	20-May-22	Chum	39	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	20-May-22	Chum	43	0.7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS4	20-May-22	Chum	44	0.9	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS4	20-May-22	Chum	45	0.9	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS4	20-May-22	Chum	51	1.4	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS4	20-May-22	Chum	55	1.8	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	4

SITE	DATE COLLECTED	FISH SPECIES	LENGTH IN MM	WEIGHT IN G	LEP Co	LEP C1	LEP C2	LEP NM NOT ID	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP MOT NOT ID	CAL Co	CAL C1	CAL C2	CAL C3	CAL C4	CAL NM NOT ID	CAL PAM	CAL_PAF	CAL AM	CAL AF	CAL MOT NOT ID	TOT LICE ID
BS4	20-May-22	Chum	46	0.9	1	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4
BS5	20-May-22	Chum	50	1.2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS5	20-May-22	Chum	71	4.1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS5	20-May-22	Chum	66	3.0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS5	20-May-22	Chum	72	4.2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS5	20-May-22	Coho	83	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	20-May-22	Chum	53	1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	20-May-22	Chum	67	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	20-May-22	Chum	61	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	20-May-22	Chum	63	2.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	20-May-22	Chum	52	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	20-May-22	Chum	63	2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	20-May-22	Chum	58	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	20-May-22	Chum	52	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	20-May-22	Chum	59	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS5	20-May-22	Chum	61	3.0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS5	20-May-22	Chum	64	2.9	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS6	20-May-22	Chum	40	0.7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	20-May-22	Chum	40	0.8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	20-May-22	Chum	45	1.2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	20-May-22	Chum	42	0.9	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	20-May-22	Chum	36	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	20-May-22	Chum	34	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	20-May-22	Chum	35	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	20-May-22	Chum	35	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	20-May-22	Chum	38	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	20-May-22	Chum	37	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	20-May-22	Chum	36	0.6	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS6	20-May-22	Chum	35	0.7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS6	20-May-22	Chum	49	1.6	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS6	20-May-22	Chum	45	1.0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
BS6	20-May-22	Chum	47	1.4	3	1	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
FC3	20-May-22	Chum	52	1.6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC3	20-May-22	Chum	51	1.4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC3	20-May-22	Chum	48	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC3	20-May-22	Chum	47	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC3	20-May-22	Chum	52	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC3	20-May-22	Chum	50	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC3	20-May-22	Chum	49	1.3	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC3	20-May-22	Chum	48	1.2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC3	20-May-22	Chum	52	1.7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC3	20-May-22	Chum	49	1.4	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

SITE	DATE COLLECTED	FISH SPECIES	LENGTH IN MM	WEIGHT IN G	LEP Co	LEP C1	LEP C2	LEP NM NOT ID	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP MOT NOT ID	CAL Co	CAL C1	CAL C2	CAL C3	CAL C4	CAL NM NOT ID	CAL PAM	CAL_PAF	CAL AM	CAL AF	CAL MOT NOT ID	TOT LICE ID
FC3	20-May-22	Chum	48	1.4	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC3	20-May-22	Chum	51	1.4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC3	20-May-22	Chum	52	1.6	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
FC3	20-May-22	Chum	51	1.3	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
FC3	20-May-22	Chum	50	1.3	0	4	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
FC4	20-May-22	Coho	89	9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	20-May-22	Coho	95	10.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	20-May-22	Coho	87	9.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	20-May-22	Coho	100	11.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	20-May-22	Coho	106	14.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	20-May-22	Coho	88	8.1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC4	20-May-22	Coho	100	11.3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC4	20-May-22	Coho	110	19.0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC4	20-May-22	Coho	107	16.9	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC4	20-May-22	Coho	119	18.6	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC4	20-May-22	Coho	104	14.9	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC4	20-May-22	Coho	110	18.1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
FC5	20-May-22	Chum	47	0.9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC5	20-May-22	Chum	38	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	20-May-22	Chum	49	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	20-May-22	Chum	48	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	20-May-22	Chum	48	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	20-May-22	Chum	40	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	20-May-22	Chum	50	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	20-May-22	Chum	73	3.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	20-May-22	Chum	52	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	20-May-22	Chum	40	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	20-May-22	Chum	43	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	20-May-22	Chum	56	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	20-May-22	Chum	43	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	20-May-22	Coho	110	15.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	20-May-22	Chum	48	1.2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC5	20-May-22	Chum	50	1.2	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
FC5	20-May-22	Chum	53	1.3	0	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
BS2	01-Jun-22	Chum	60	2.3	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS2	01-Jun-22	Chum	50	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS2	01-Jun-22	Chum	53	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HI2	01-Jun-22	Coho	103	13.2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MC3	01-Jun-22	Chum	54	1.6	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
MC3	01-Jun-22	Chum	53	1.6	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
MC3	01-Jun-22	Chum	53	1.6	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
MC3	01-Jun-22	Chum	58	2.0	1	0	1	0	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	7
MC4	01-Jun-22	Coho	84	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SITE	DATE COLLECTED	FISH SPECIES	LENGTH IN MM	WEIGHT IN G	LEP Co	LEP C1	LEP C2	LEP NM NOT ID	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP MOT NOT ID	CAL Co	CAL C1	CAL C2	CAL C3	CAL C4	CAL NM NOT ID	CAL PAM	CAL_PAF	CAL AM	CAL AF	CAL MOT NOT ID	TOT LICE ID
BS3	02-Jun-22	Chum	52	1.7	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS4	02-Jun-22	Chum	61	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	02-Jun-22	Chum	55	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	02-Jun-22	Chum	60	2.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	02-Jun-22	Chum	57	2.3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS4	02-Jun-22	Chum	58	2.2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS4	02-Jun-22	Chum	52	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	02-Jun-22	Chum	50	1.5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS4	02-Jun-22	Chum	58	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	02-Jun-22	Chum	57	2.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	02-Jun-22	Chum	53	1.7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS4	02-Jun-22	Chum	46	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	02-Jun-22	Coho	62	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS4	02-Jun-22	Chum	51	1.6	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS4	02-Jun-22	Chum	53	1.5	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS4	02-Jun-22	Chum	60	2.3	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS4	02-Jun-22	Chum	63	2.9	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS6	02-Jun-22	Chum	46	1.0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	02-Jun-22	Chum	53	1.7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	02-Jun-22	Chum	48	1.4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	02-Jun-22	Chum	45	1.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	02-Jun-22	Chum	60	2.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BS6	02-Jun-22	Chum	58	2.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	02-Jun-22	Chum	53	1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	02-Jun-22	Chum	58	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	02-Jun-22	Chum	53	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BS6	02-Jun-22	Chum	41	0.7	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS6	02-Jun-22	Chum	53	1.7	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS6	02-Jun-22	Chum	57	2.2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BS6	02-Jun-22	Chum	52	1.3	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS6	02-Jun-22	Chum	60	2.6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
BS6	02-Jun-22	Chum	50	1.5	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
FC2	02-Jun-22	Chum	78	4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC3	02-Jun-22	Chum	58	1.9	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC3	02-Jun-22	Chum	60	2.2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC3	02-Jun-22	Chum	63	2.6	2	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
FC4	02-Jun-22	Chum	59	2.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC4	02-Jun-22	Chum	57	2.0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC4	02-Jun-22	Chum	56	1.8	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC4	02-Jun-22	Chum	64	2.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	02-Jun-22	Chum	66	3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC4	02-Jun-22	Chum	68	3.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SITE	DATE COLLECTED	FISH SPECIES	LENGTH IN MM	WEIGHT IN G	LEP Co	LEP C1	LEP C2	LEP NM NOT ID	LEP PAM	LEP PAF	LEP AM	LEP AF	LEP MOT NOT ID	CAL Co	CAL C1	CAL C2	CAL C3	CAL C4	CAL NM NOT ID	CAL PAM	CAL_PAF	CAL AM	CAL AF	CAL MOT NOT ID	TOT LICE ID
FC4	02-Jun-22	Chum	65	3.3	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC5	02-Jun-22	Chum	51	1.8	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC5	02-Jun-22	Chum	56	1.9	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC5	02-Jun-22	Chum	54	1.9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC5	02-Jun-22	Chum	48	1.3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FC5	02-Jun-22	Chum	32	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	02-Jun-22	Chum	46	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	02-Jun-22	Chum	55	2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	02-Jun-22	Chum	59	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	02-Jun-22	Chum	63	3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	02-Jun-22	Chum	49	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FC5	02-Jun-22	Chum	58	2.2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC5	02-Jun-22	Chum	49	1.5	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC5	02-Jun-22	Chum	60	2.7	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC5	02-Jun-22	Chum	50	1.6	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FC5	02-Jun-22	Chum	57	2.3	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3

Appendix IV – Historical Comparison (2016-2022)

A comparison of the historical results of analysis for sea lice infestation on chum salmon collected by beach seine in Clayoquot Sound, BC from 2016 to 2022.

Year	Chum sample size	Total # of chum infested	Total # of lice observed	Prevalence (%)	Abundance	Intensity
2016	836	314	726	37.6	0.87	2.3
2017	1122	222	354	19.8	0.32	1.6
2018	696	284	1254	40.8	1.80	4.4
2019	792	305	922	38.5	1.16	3.0
2020	696	197	367	28.3	0.53	1.9
2021	854	240	507	28.1	0.59	2.1
2022	808	353	913	42.5	1.13	2.7
Total	**5804**	**1915**	**5043**	**33.0**	**0.87**	**2.6**

A comparison of the number of chum analyzed, the number of infested chum and the number of lice by site as determined for chum salmon collected in Clayoquot Sound between 2016 and 2022.

Site	# of Chum Analyzed							# of Infested Chum							# of Lice						
	2016	2017	2018	2019	2020	2021	2022	2016	2017	2018	2019	2020	2021	2022	2016	2017	2018	2019	2020	2021	2022
BS1	56	119	67	68	73	32	46	44	43	44	55	40	8	40	110	63	161	277	70	12	111
BS2	90	63	32	61	58	47	49	50	9	12	46	24	27	18	125	11	30	160	42	56	41
BS3	15	23	47	32	5	62	20	3	1	14	4	0	15	1	10	1	28	8	0	17	3
BS4	79	34	42	55	61	70	75	39	0	11	39	10	19	26	94	0	29	106	18	34	48
BS5	90	63	90	92	62	72	52	6	0	7	11	4	2	8	10	0	12	13	4	2	11
BS6	64	92	78	44	90	72	75	33	13	29	22	15	38	51	97	16	65	51	22	126	116
FC2	0	39	34	23	5	68	11	0	3	14	14	0	25	0	0	4	23	29	0	35	0
FC3	35	60	10	19	5	63	48	15	4	3	3	2	29	31	19	4	3	8	2	113	64
FC4	61	30	1	30	1	48	48	5	1	1	5	0	16	15	5	1	4	9	0	25	22
FC5	23	65	-	60	52	55	69	14	7	-	25	11	15	29	29	7	-	35	14	21	53
HI1	42	61	79	68	38	74	50	4	14	45	2	0	4	15	5	22	278	3	0	4	32
HI2	15	90	43	60	23	19	60	0	39	33	7	3	1	27	0	78	353	7	6	1	50
HI3	-	-	-	-	-	-	2	-	-	-	-	-	-	1	-	-	-	-	-	-	11
MC1	63	90	13	46	6	37	20	12	10	3	7	0	6	6	13	22	8	10	0	11	17
MC3	20	90	31	0	47	43	64	5	30	17	0	26	22	54	9	51	60	0	55	34	283
MC4	-	-	-	-	-	-	16	-	-	-	-	-	-	6	-	-	-	-	-	-	11
SD1	-	-	-	-	22	3	17	-	-	-	-	11	0	1	-	-	-	-	13	0	1
SI1	90	91	30	37	36	47	19	57	33	13	21	15	11	7	120	56	33	34	22	12	26
SI2	61	78	57	96	90	31	29	27	15	27	44	35	2	5	80	18	147	172	98	4	10
SI3	32	34	42	1	22	11	38	0	0	11	0	1	0	2	0	0	20	0	1	0	3
Total	**836**	**1122**	**696**	**792**	**696**	**854**	**808**	**314**	**222**	**284**	**305**	**197**	**240**	**343**	**726**	**354**	**1254**	**922**	**367**	**507**	**913**

A comparison of calculated sea lice prevalence, abundance and intensity by site as determined for chum salmon collected in Clayoquot Sound between 2016 and 2022.

Site	Sea Lice Prevalence (%)							Sea Lice Abundance							Sea Lice Intensity						
	2016	2017	2018	2019	2020	2021	2022	2016	2017	2018	2019	2020	2021	2022	2016	2017	2018	2019	2020	2021	2022
BS1	78.6	36.1	65.7	80.9	54.8	25.0	87.0	1.96	0.53	2.40	4.07	0.96	0.38	2.41	2.5	1.5	3.7	5.0	1.8	1.5	2.8
BS2	55.6	14.3	37.5	75.4	41.4	57.4	36.7	1.39	0.17	0.94	2.62	0.72	1.19	0.84	2.5	1.2	2.5	3.5	1.8	2.1	2.3
BS3	20.0	4.3	29.8	12.5	0.0	24.2	5.0	0.67	0.04	0.60	0.25	0.00	0.27	0.15	3.3	1.0	2.0	2.0	0.0	1.1	3.0
BS4	49.4	0.0	26.2	70.9	16.4	27.1	34.7	1.19	0.00	0.69	1.93	0.30	0.49	0.64	2.4	0.0	2.6	2.7	1.8	1.8	1.8
BS5	6.7	0.0	7.8	12.0	6.5	2.8	15.4	0.11	0.00	0.13	0.14	0.06	0.03	0.21	1.7	0.0	1.7	1.2	1.0	1.0	1.4
BS6	51.6	14.1	37.2	50.0	16.7	52.8	68.0	1.52	0.17	0.83	1.16	0.24	1.75	1.55	2.9	1.2	2.2	2.3	1.5	3.3	2.3
FC2	-	7.7	41.2	60.9	0.0	36.8	0.0	-	0.10	0.68	1.26	0.00	0.51	0.00	0.0	1.3	1.6	2.1	0.0	1.4	-
FC3	42.9	6.7	30.0	15.8	40.0	46.0	64.6	0.54	0.07	0.30	0.42	0.40	1.79	1.33	1.3	1.0	1.0	2.7	1.0	3.9	2.1
FC4	8.2	3.3	100.0	16.7	0.0	33.3	31.3	0.08	0.03	4.00	0.30	0.00	0.52	0.46	1.0	1.0	4.0	1.8	0.0	1.6	1.5
FC5	60.9	10.8	-	41.7	21.2	27.3	42.0	1.26	0.11	-	0.58	0.27	0.38	0.77	2.1	1.0	-	1.4	1.3	1.4	1.8
HI1	9.5	23.0	57.0	2.9	0.0	5.4	30.0	1.2	0.36	3.52	0.04	0.00	0.05	0.64	1.3	1.6	6.2	1.5	0.0	1.0	2.1
HI2	0.0	43.3	76.7	11.7	13.0	5.3	45.0	0.00	0.87	8.21	0.12	0.26	0.05	0.83	0.0	2.0	10.7	1.0	2.0	1.0	1.9
HI3	-	-	-	-	-	-	50.0	-	-	-	-	-	-	5.50	-	-	-	-	-	-	11.0
MC1	19.0	11.1	23.1	15.2	0.0	16.2	30.0	0.21	0.24	0.62	0.22	0.00	0.30	0.85	1.1	2.2	2.7	1.4	0.0	1.8	2.8
MC3	25.0	33.3	54.8	-	55.3	51.2	84.4	0.45	0.57	1.94	-	1.17	0.79	4.42	1.8	1.7	3.5	0.0	2.1	1.5	5.2
MC4	-	-	-	-	-	-	37.5	-	-	-	-	-	-	0.69	-	-	-	-	-	-	1.8
SD1	-	-	-	-	50.0	0.0	5.9	-	-	-	-	0.59	0.00	0.06	-	-	-	-	1.2	0.0	1.0
SI1	63.3	36.3	43.3	56.8	41.7	23.4	36.8	1.33	0.62	1.10	0.92	0.61	0.26	1.37	2.1	1.7	2.5	1.6	1.5	1.1	3.7
SI2	44.3	19.2	47.4	45.8	38.9	6.5	17.2	1.31	0.23	2.58	1.79	1.09	0.13	0.34	3.0	1.2	5.4	3.9	2.8	2.0	2.0
SI3	0	0.0	26.2	0.0	4.5	0.0	5.3	0.00	0.00	0.48	0.00	0.05	0.00	0.08	0.0	0.0	1.8	0.0	1.0	0.0	1.5
Total	**37.6**	**19.8**	**40.8**	**38.5**	**28.3**	**28.1**	**42.5**	**0.87**	**0.32**	**1.80**	**1.16**	**0.53**	**0.59**	**1.13**	**2.3**	**1.6**	**4.4**	**3.0**	**1.9**	**2.1**	**2.7**

A comparison of the number of chum analyzed, the number of infested chum and the number of lice by sampling area as determined for chum salmon collected in Clayoquot Sound between 2016 and 2022.

Site	# of Chum Analyzed							# of Infested Chum							# of Lice						
	2016	2017	2018	2019	2020	2021	2022	2016	2017	2018	2019	2020	2021	2022	2016	2017	2018	2019	2020	2021	2022
SI (3)	183	203	129	134	148	89	86	84	48	51	65	51	13	14	200	74	200	206	121	16	39
MC (3)	83	180	44	46	53	80	100	17	40	20	7	26	28	66	22	73	68	10	55	45	311
HI (3)	57	151	122	128	61	93	112	4	53	78	9	3	5	43	5	100	631	10	6	5	93
BS (6)	394	394	356	352	349	355	317	175	66	117	177	93	109	144	446	91	325	615	156	247	330
FC (4)	119	194	45*	132	63	234	176	34	7	18*	47	13	85	75	53	16	30*	81	16	194	139
SD (1)	-	-	-	-	22	3	17	-	-	-	-	11	0	1	-	-	-	-	13	0	1
Total	**836**	**1122**	**696**	**792**	**696**	**854**	**808**	**314**	**222**	**284**	**305**	**197**	**240**	**343**	**726**	**354**	**1254**	**922**	**367**	**507**	**913**

*Three Fortune Channel sites were sampled in 2018 – FC2, FC3 and FC4. FC5 was not sampled in 2018.
*An additional site was added in Millar Channel and Herbert Inlet in 2022.

A comparison of calculated sea lice prevalence, abundance and intensity by sampling area as determined for chum salmon collected in Clayoquot Sound between 2016 and 2022.

Site	Sea Lice Prevalence (%)							Sea Lice Abundance							Sea Lice Intensity						
	2016	2017	2018	2019	2020	2021	2022	2016	2017	2018	2019	2020	2021	2022	2016	2017	2018	2019	2020	2021	2022
SI (3)	45.9	23.6	39.5	48.5	34.5	14.6	16.3	1.09	0.36	1.55	1.54	0.82	0.18	0.45	2.4	1.54	3.9	3.2	2.4	1.2	2.8
MC (3)	20.5	22.2	45.5	15.2	49.1	35.0	66.0	0.27	0.41	1.55	0.22	1.04	0.56	3.11	1.3	1.83	3.4	1.4	2.1	1.6	4.7
HI (3)	7.0	35.1	63.9	7.0	4.9	5.4	38.4	0.09	0.66	5.17	0.08	0.10	0.05	0.83	1.3	1.89	8.1	1.1	2.0	1.0	2.2
BS (6)	44.4	16.8	32.9	50.3	26.6	30.7	45.4	1.13	0.23	0.91	1.75	0.45	0.70	1.04	2.5	1.38	2.8	3.5	1.7	2.3	2.3
FC (4)	28.6	7.7	40.0*	35.6	20.6	36.3	42.6	0.45	0.08	0.67*	0.61	0.25	0.83	0.79	1.6	1.07	1.7*	1.7	1.2	2.3	1.9
SD (1)	-	-	-	-	50.0	0.0	5.9	-	-	-	-	0.59	0.00	0.06	-	-	-	-	1.2	0.0	1.0
Total	**37.6**	**19.8**	**40.8**	**38.5**	**28.3**	**28.1**	**42.5**	**0.87**	**0.32**	**1.80**	**1.16**	**0.53**	**0.59**	**1.13**	**2.3**	**1.6**	**4.4**	**3.0**	**1.9**	**2.1**	**2.7**

*Three Fortune Channel sites were sampled in 2018 – FC2, FC3 and FC4. FC5 was not sampled in 2018.
*An additional site was added in Millar Channel and Herbert Inlet in 2022.

The number of sea lice in each life stage by species identified on chum salmon from Clayoquot Sound between 2016 and 2022.
LEP = *Lepeophtheirus salmonis* CAL = *Caligus clemensi*

Life Stage[1]	Number of lice						
	2016	2017	2018	2019	2020	2021	2022
LEP Co	104	178	330	128	78	148	255
LEP C1	232	98	607	218	115	151	318
LEP C2	178	57	216	196	47	136	231
LEP NM Not ID	26	0	0	0	0	0	10
LEP PAM	50	1	22	19	16	23	28
LEP PAF	46	0	27	20	18	16	42
LEP AM	36	6	12	11	2	2	10
LEP AF	4	0	10	1	2	1	0
LEP MOT Not ID	0	0	0	0	0	0	3
TOTAL LEP	**676**	**340**	**1224**	**593**	**278**	**477**	**897**
CAL Co	7	5	4	35	6	3	0
CAL C1	18	6	17	120	42	4	0
CAL C2	15	2	4	87	10	1	4
CAL C3	5	0	3	44	2	8	7
CAL C4	2	1	2	35	23	2	4
CAL NM Not ID	1	0	0	0	0	0	0
CAL PAM	0	0	0	4	4	5	0
CAL PAF	1	0	0	3	1	5	1
CAL AM	0	0	0	0	1	1	0
CAL AF	0	0	0	1	0	1	0
CAL Mot Not ID	1	0	0	0	0	0	0
TOTAL CAL	**50**	**14**	**30**	**329**	**89**	**30**	**15**

[1] Lice life stage codes: Co = copepodid, C1-4 = chalimus 1-4, NM Not ID = Non-motile lice not identified to a life stage, PAM = pre-adult male, PAF = pre-adult female, AM = adult male, AF = adult female, Mot Not ID = Motile lice not identified to a life stage or sex.