

Juvenile Pacific Salmon Survey in the Strait of Georgia and Associated Waters, September 10 to September 28, 2019 (SOG Survey 2019-03)

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ABSTRACT

Neville, C.M., Spencer, S., and Kevin, M. 2026. Juvenile Pacific Salmon Survey in the Strait of Georgia and Associated Waters, September 10 to September 28, 2019 (SOG Survey 2019-03). Can. Data Rep. Fish. Aquat. Sci. 1457: x +325 p.

A trawl survey was conducted September 10 to 28, 2019 to examine the distribution, abundance and ecology of juvenile Pacific salmon (*Oncorhynchus* spp.) in the Strait of Georgia and associated waters. The survey in the Strait of Georgia basin was consistent with the standard surveys that have been conducted in June-July and September-October each year since 1998. In addition to this standard survey, additional sampling was conducted in Desolation Sound and the Discovery Island, north of the Strait of Georgia; the Gulf Islands, Howe Sound and Jervis Inlet in the south or adjacent to the Strait of Georgia; and in Juan de Fuca Strait. This report summarizes information collected from the 145 trawl sets and 58 oceanographic stations completed during the survey.

RÉSUMÉ

Neville, C.M., Spencer, S., and Kevin, M. 2026. Juvenile Pacific Salmon Survey in the Strait of Georgia and Associated Waters, September 10 to September 28, 2019 (SOG Survey 2019-03). Can. Data Rep. Fish. Aquat. Sci. 1457: x + 325 p.

Un relevé au chalut a été réalisé du 10 au 28 septembre 2019 afin d'examiner la répartition, l'abondance et l'écologie des saumons juvéniles du Pacifique (*Oncorhynchus* spp.) dans le détroit de Georgia et ses eaux adjacentes. Le relevé effectué dans le bassin du détroit de Georgia était conforme aux relevés standard effectués en juin-juillet et en septembre-octobre chaque année depuis 1998. En plus de cette enquête standard, des échantillonnages supplémentaires ont été réalisés dans le détroit de Desolation et l'île Discovery, au nord du détroit de Georgia ; dans les îles Gulf, le détroit de Howe et l'inlet Jervis, au sud ou à proximité du détroit de Georgia ; et dans le détroit de Juan de Fuca. Ce rapport résume les informations recueillies lors des 145 calées de chalut et des 58 stations océanographiques réalisées au cours du relevé.

1 Introduction

The Strait of Georgia, located between the British Columbia (B.C.) mainland and Vancouver Island, is the largest inland sea on the western coast of North America, with an area of approximately 6,800 km² (Thomson 1981). Pacific salmon from southern British Columbia, including Chinook Salmon (*Oncorhynchus tshawytscha*), Chum Salmon (*O. keta*), Coho Salmon (*O. kisutch*), Pink Salmon (*O. gorbuscha*), and Sockeye Salmon (*O. nerka*) rear in this inland sea for weeks to months after entering the ocean. The extended rearing period of many Pacific salmon species in this area during their first marine year, combined with the semi-enclosed nature of the strait, makes this region of the coast especially important for studying their early marine life stages and ocean ecology.

The Department of Fisheries and Oceans Canada (DFO) initiated standardized surveys in 1998 using a modified midwater trawl to study the early marine ecology of Pacific salmon and factors that may be associated with regulating marine survival (Neville et al. 2023). The trawl gear was modified for sampling surface waters (0–75 m) at vessel fishing speeds of approximately 4.5–5 knots. A survey design was developed to sample both nearshore (within 60 m of shore) and mid-strait areas of the Strait of Georgia from the northern sections near Campbell River, B.C., to the Canada-United States (U.S.) boundary in the south (Figure 1). This design, referred to as the standard survey, has been fished in all Strait of Georgia (SOG) / Salmon Marine Interactions (SMI) Program surveys since 1998.

The survey provides information on the distribution, abundance, and condition of juvenile Pacific salmon over their first months in the ocean, as well as data on other pelagic species inhabiting the upper water column. The consistent fishing protocols of the standard survey since 1998 allow comparisons across both seasons and years. In addition to the standard survey, non-standard areas or locations are occasionally sampled during each survey period; however, the sampling effort and protocols in these areas differ from those of the standard survey and are therefore not directly comparable.

This report provides bridge-log and catch data for the trawl survey conducted from September 10 to 28, 2019. Bridge-log data for associated oceanographic and plankton sampling are also included. Summaries of the distribution, catch rates and condition of Pacific salmon (ocean age 0+ and 1+) and other non-salmon species (bycatch) found in the upper 75 m of the Strait of Georgia during daylight hours are provided.

2 Methods

2.1 Trawl Gear and Survey Area

A trawl survey for juvenile Pacific salmon and other small pelagic species was conducted by the Salmon Marine Interactions (SMI) Program from September 10 to 28, 2019. The survey (SOG

2019-03 and CCG 2019-053) was carried out using the chartered commercial fishing vessel *Sea Crest*. This 24 m trawler, with a beam of 7.6 m, had been used in previous surveys (Table 1). The size of the vessel required on-deck sampling. Modifications were made to the mid-deck region to create suitable areas on-deck for biological and scientific processing. An area with overhead cover was also provided to protect equipment from weather. The survey protocols were consistent with methods used since the program's initiation in 1998 (Beamish et al. 2000; Sweeting et al. 2003; Neville et al. 2023). Fishing was conducted with a six-bridled (40 m) modified Model 250/350/14 rope trawl (CanTrawl Nets Ltd., Richmond, B.C.) that had been fished since the survey's initiation. The front section of the net was 54 m long with hexagonal mesh ranging from 3.8 m to 2.0 m, constructed of 9.5 mm and 8 mm Tenex rope. The mid-section on the net tapered with mesh sizes decreasing from 1.6 m to 0.2 m. The codend was constructed of 10 cm knotted nylon with a 1 cm liner.

The fall 2019 survey followed the standard track line, which has been fished during all summer and fall surveys since 1998 (Table 1). This standard track line covers nearshore and midwater areas of the Strait of Georgia from Cape Mudge, on the southern point of Quadra Island, to the Canada-United States (U.S.) boundary in the south (Figure 1, solid red line). Comparisons of catch among years or seasons are made using only data collected along this standard track line, referred to in this document as the standard survey.

In September 2019, additional fishing was conducted off the standard track line in the Discovery Islands and Desolation Sound to the north of the Strait of Georgia, the Gulf Islands, Howe Sound and Jervis Inlet to the south or adjacent to the Strait of Georgia, and in Juan de Fuca Strait (Figure 2). The trawl sets conducted in these additional fishing areas are referred to as the non-standard survey in this report (Figures 1, 2).

Fishing was conducted during daylight hours between 0700 and 1900 Pacific Daylight Time (PDT). The head rope of the trawl net was fished at variable depths (surface, 15 m, 30 m, 45 m, 60 m) with the greatest effort in the surface waters (~ 35-45%) and reduced effort by depth. The order of fishing depths was randomized within each fishing day, except for the initial trawl set each day, which was conducted at the surface. The targeted vessel fishing speed was 4.5-5.0 knots.

For the standard survey, each set was fished for 30 minutes. Variations in the set duration occurred depending on the ocean conditions, location, presence of marine mammals and vessel traffic. On the charter vessel, a third wire was not available for measuring net opening. Therefore, a combination of two methods was used to estimate the vertical and horizontal openings of the net.

Net depth for trawl sets ≥ 15 m was monitored using Marport net-mensuration sensors (Marport Deep Sea Technologies Inc.) attached to the net head rope. The horizontal opening of the net was calculated from Marport sensors mounted on the wingtips of the net and/or to the trawl doors. When sensors were only on the doors, the horizontal opening of the net was estimated by subtracting the effective distance of the bridles. Because the Marport sensors

required remote communication, they were unreliable when fishing in waters shallower than the vessel hull depth. Therefore, RBR duet³ sensors (rbr-global.com) were attached to both the head rope and foot rope of the net. These sensors recorded both depth and temperature during the fishing event. Data were downloaded daily and provided information on the vertical opening of the net for each set as well as a secondary confirmation of head rope depth across all depth ranges. The net opening varied depending on the speed of the vessel, the depth being fished, and the tidal conditions. The distance of each set was calculated as the nautical miles (nm) travelled from the time the doors were set to the initiation of gear haul-back.

It is important to note that trawl sets in the non-standard survey did not follow the protocols for the standard survey as described in Beamish et al. (2000), Sweeting et al. (2003), and Neville et al. (2023). Variations in set duration, depth strata fished, fishing effort and the absence of predetermined standard track lines in the non-standard survey should be considered if comparing catch composition or other biological metrics between the standard and non-standard survey data. In addition, protocols and areas fished as part of the non-standard survey varied between surveys and years, limiting direct comparisons across surveys.

2.2 Processing of Catch

Catches were emptied into 40 L totes and sorted by species. Additionally, the age classes of Pacific salmon, Pacific Herring, Walleye Pollock and Pacific Hake were divided into juveniles and older year classes based on visual assessment of their length. For all Pacific salmon species, fish with a fork length of less than 35 cm (≤ 352 mm) were classified as juvenile or ocean age 0+ fish in the field, while those exceeding 35 cm (≥ 353 mm) were classified as ocean age 1+ or fish that had spent one or more winters in the ocean. For Pacific Hake, Pacific Herring and Walleye Pollock, fish less than approximately 130 mm in length were considered juvenile or young-of-year (YOY) in the field. These age classifications were reviewed at the end of the survey and could be adjusted post-survey based on additional information (see Data Summaries section in this report). All other species were not classified by age. The total catch of each species or group was enumerated. Biological sampling protocols were species-specific with a focus on Pacific salmon.

Biological sampling was done on a selection of each species of juvenile Pacific salmon from each set. When fewer than 20 individuals of a species were captured, all were processed, and the sample type was classified as a 'total sample'. When catches exceeded 30 juveniles for any salmon species, biological sampling was completed for a random sample of 30 individuals per species and these fish are classified as a 'random sample'. When there was a large catch of all salmon species, the random sample size was reduced to 20 individuals per species with an additional 10 of each salmon species randomly selected and frozen for analysis later in the lab (see additional limited sampling below). A third sample type 'select sample' was used to classify fish that were not part of the total or random sample but that were selected for detailed sampling for another reason, including presence of tags or condition of the fish. See more detail on select samples in the additional sampling described below.

Each juvenile salmon selected for processing was assigned a unique alphanumeric fish identification number. This number incorporated the species codes: CK (Chinook Salmon), CO (Coho Salmon), PK (Pink Salmon), CM (Chum Salmon), or SX (Sockeye Salmon), followed by a four-digit number. These juvenile salmon were measured (fork length in mm), weighed (g), and checked for fin clips, coded wire tags (CWT), passive integrated transponder (PIT) tags, predator or other wounds, and external parasites. During this survey, due to limited staff, wounds and external parasites were only consistently recorded for juvenile Chinook and Coho salmon.

The location of a predator or other wounds was identified to the area of the fish body using the following key: L (left side), R (right side), V (below lateral line), D (above lateral line), with numbers referring to regions: 1 (area anterior to dorsal fin), 2 (area adjacent to dorsal fin), 3 (area posterior to dorsal fin). For example, a code LD3 indicates a wound on the left side of the body, above the lateral line, and posterior to the dorsal fin. The size of most wounds was also recorded. The fish identified with a CWT present had their heads removed, labelled, and frozen for the subsequent removal and identification of the tag in the laboratory.

Otoliths were removed and stored dry in 100-cell otolith trays. Otolith identification numbers listed in Appendix 1 are specific to each species. Caudal fin clips for DNA analysis were collected and stored in vials of 95% ethanol or dry stored on Whatman paper. Stomachs were removed from the gill arch to the small intestine. Stomachs were individually labelled and frozen or preserved in 70% ethanol for analysis in the lab. All diet analyses were completed in a lab by an expert, Carol Cooper (Zotec Services, Nanaimo, B.C.), who has over 20 years of experience in the identification of the zooplankton and larval fish in the stomach contents of marine fish and has completed the stomach analysis on all juvenile Pacific salmon collected by these surveys since 1998.

Samples of muscle tissue for energy content measurements were collected from Coho, Chinook and Sockeye salmon. These samples were either from the area posterior to the dorsal fin, or from the entire body remnant, depending on the size of the specimen. All muscle samples were individually frozen. The fish with stomach or muscle samples collected were identified and tracked using the alphanumeric fish number (Appendix 1). The trawl net contributed to high scale loss on the salmon; however, when present, two to four scales were collected from ocean age 0+ Chinook Salmon, Coho Salmon, and Sockeye Salmon. The scales were collected from above the lateral line posterior to the dorsal fin and were stored in gummed scale books. Blood was collected from juvenile Sockeye Salmon for the measurement of Insulin-Like Growth Factor 1 (IGF-1; Beckman et al. 2004). The frozen blood samples are labelled as IGF-1 samples in this report (Appendix 1).

To augment the random sample described above, additional sampling was conducted for the juvenile salmon when catches were large. An additional 30-50 juvenile salmon were measured (fork length, mm), weighed (g) and sampled for DNA analysis (fin clip). They were individually labelled and frozen, using the unique alphanumeric numbering system described above. In addition, a random sample of 30-100 of the most numerous juvenile salmon species in the set were measured (fork length, mm). These fish were not individually numbered as no tissues or

other samples were retained. Chinook and Coho salmon in these additional samples were all examined for the presence of adipose fin clips.

Select samples of specimens of interest were also collected. These 'select samples' included fish with a CWT, PIT tag, or other unusual characteristics (including large or small size, major predator wounds or deformities in growth) that were not included in the random sampling for the set. These fish were either processed following the procedures of the random sample or were frozen individually and returned to the lab. These select samples are not included in the calculations of biometric averages for the juvenile salmon in the set.

Additional collaborative sampling during this survey was conducted with both the Parasitology (PAR) program led by Dr. Simon Jones and the Environment Interaction Study (EIS) led by Dr. Stewart Johnson at the Pacific Biological Station (PBS) in Nanaimo. All fish sampled for these independent labs were randomly selected and were included in the biological sampling being conducted for the set. The sampling for the PAR program was conducted to examine for the presence of *Parvicapsula pseudobranchicola* and *Ceratonova shasta* in the juvenile Pacific salmon. The collaborative sampling included aseptically sampling the gill, pseudobranch, kidney and intestine of juvenile salmon, with a focus on Chum Salmon and Pink Salmon. These samples were stored in 95% ethanol and fixed in 10% neutral buffered formalin. These PAR samples were transferred to Dr. Simon Jones (PBS) at the completion of the survey. The collaborative sampling for EIS included aseptically sampling a piece of spleen from about five juvenile Coho or Chinook salmon per set, placing the tissue in RNA later™ and subsequently freezing. The frozen tissues Samples collected for these collaborators are identified in Appendix 1.

In addition to the collaborative sampling, ad hoc samples for fish health analysis were collected when fish exhibiting visible health abnormalities (e.g., tumours) were observed. Samples of all major organs and tissues from these fish were collected and preserved in 10% neutral buffered formalin. At the completion of the survey, these samples were given to the Fish Health Laboratory at PBS.

Pacific salmon classified as ocean age 1+ were also fully processed following the procedures above. All diet analysis for these age 1+ fish was conducted at sea by the Chief Scientist with samples of zooplankton in the diet preserved for verification by expert Carol Cooper of Zotec Labs. In addition, scales from age 1+ Coho, Chinook, Pink and Sockeye salmon were collected when present.

Catch of non-salmon species were identified and enumerated. An expanded-volume method was used to estimate the number of small fish and/or large volume catches (e.g., Pacific Herring). For the expanded-volume estimate, individuals in a known volume subsample were counted and expanded to represent the total volume of the catch. Random sampling of these additional fish included measuring the length and weight of 30-100 fish of each species. Sex was recorded for species when it was externally identifiable. Fish with detailed sampling, or species that were individually frozen for subsequent analysis in the lab, were given an alphanumeric number similar to Pacific salmon (WP – Walleye Pollock; HK – Pacific Hake; SS – Steller Sea

Lion). In addition to the sampling described above, samples of the bycatch species were frozen in bulk in groups of five to ten fish. These samples were not individually numbered and are referenced to the set number only.

The catch of jellyfish was recorded as total volume (L). Counts were also recorded when specimens were recovered intact, and the bell diameter was recorded when individuals were in good condition. The counts or volumes should be considered a minimum catch as the fragile nature of these gelatinous species resulted in high loss through the trawl web. However, comparison of volumes across surveys provided general information on changes in biomass of these species. To facilitate comparisons across surveys, the average jellyfish volumes were categorized into six levels (Trace: ≤ 100 ml, Low: >100 ml to ≤ 1 L, Medium: > 1 L to ≤ 10 L, High: > 10 L to ≤ 25 L, Very High: > 25 L).

2.3 Data Summaries

The standard and non-standard survey data are summarized separately. The fishing effort was lower in the non-standard survey areas however, multiple areas that were well separated with different oceanographic conditions could be sampled. Therefore, this report grouped the non-standard survey trawl sets into sub-regions that are geographically similar. Comparisons of catch between the standard survey and non-standard sub-regions are provided where appropriate.

The length-frequency distribution of each species was examined to assess whether the length-based separation used in the field to classify age groups was valid. Additional information, including results from CWT recoveries and DNA analyses of stock origin, were examined when available, to help validate the age class of each salmon. When warranted, based on this additional information, the age classification determined at sea was adjusted in the report, with justification for any changes noted. It is important to note that the number of fish that could have their ages validated in this manner was small, and the age classifications in this document were not validated by the examination of scales or otoliths.

Age class was also estimated for Pacific Herring, Pacific Hake, and Walleye Pollock. The length distribution of each species was examined to identify a break in the length-frequency that could be used to identify the separation of the young-of-year (YOY) age class from older (age 1+) fish.

Catch per unit effort (CPUE) for juvenile Pacific salmon was calculated as catch per hour and followed the protocols for species-specific habitat depth described in Beamish et al. (2000) and Sweeting et al. (2003). The habitat depths for juvenile Chinook Salmon and Coho Salmon were the surface 60 m and 45 m, respectively. The habitat depth for juvenile Pink, Chum and Sockeye salmon was the surface 30 m (head rope 0 m and 15 m).

Information on individual CWTs recovered from the survey was obtained from the Regional Mark Information System (RMIS; rmis.org). This report provides basic information for each tag code including the stock origin, the hatchery and release locations, the brood year, the release

stage, and release dates. For additional or more detailed information on the CWT release groups, refer to the RMIS website (rmis.org). Corrections to species identification were made when warranted by information from CWT recoveries or DNA analyses. If a correction to species was required, the alphanumeric identification for these fish retained the original fish number preceded by '99'; the corrected species identification code was listed ahead of the field identification (e.g., CO/CK-99xxxx).

The average length, weight, and condition (K) of ocean age 0+ salmon were calculated for the catch from the standard and non-standard surveys. Only fish from random or total samples were included in these calculations. Condition (K) was calculated using Fulton's condition factor or $K = (10^5 \times W / L^3)$. To examine differences in the average size of the juvenile salmon by species, area or rearing type we used standard statistical tests, including t-test, analysis of variance (ANOVA), and Tukey's Honest Significant Difference (HSD) test.

The biological samples that were collected from each fish for subsequent laboratory processing are summarized in this report. Specific information on the results of subsequent analyses, the status of ongoing work, or sample availability are available from the Salmon Marine Interactions (SMI) Program, Ecosystem Sciences Division, Science Branch, Pacific Biological Station, 3190 Hammond Bay Road, Nanaimo, B.C., V9T 6N7.

2.4 Oceanography

Oceanographic sampling was conducted up to three times per day. Sampling included vertical casts using a Conductivity-Temperature-Depth (CTD) profiler and Bongo nets for zooplankton collection. Both gear types were vertically deployed to a maximum depth of 250 m or within 10 m of the seabed in shallower regions.

The CTD profiler used was a Seabird SBE 25plus Sealogger, provided by the Institute of Ocean Sciences (IOS), Fisheries and Oceans Canada, Sidney, B.C. This instrument recorded depth, temperature, salinity, dissolved oxygen, chlorophyll fluorescence, and pH. All CTD data were submitted to the Institute of Ocean Sciences for processing and archiving under survey ID CCG2019-053.

Zooplankton sampling was conducted using a Bongo net assembly equipped with two 58 cm diameter Nitex nets of 253 μm mesh size. A T.S.K. flowmeter (Tsurumi Seiki Co. Ltd., Japan; tsurumi-seiko.co.jp) was attached to one side of the Bongo net frame to measure the volume of water filtered during each deployment. The contents of each net were processed independently.

Zooplankton from one net was size fractionated using mesh screens of 8.0, 1.7, 1.0, and 0.25 mm. These size-fractionated samples were frozen in pre-weighed plastic bags and returned to the Pacific Biological Station (PBS) for analysis of energy and lipid content. Zooplankton from the second net was preserved in 10% buffered formalin (3.7% formaldehyde) for species identification and enumeration in the laboratory.

3 Results

During the 145 sets conducted in both the standard survey and the non-standard survey (Tables 2, 3, 4, and 5), five species of Pacific salmon were caught ($n = 18,282$; Tables 6, 7, and 8) and sampled, including both ocean age 0+ salmon and older year classes (ocean age 1+). In addition to Pacific salmon, 21 other species or species groups were identified, enumerated and sampled (Tables 9, 10, and 11). This report provides a summary of the survey catch, which distinguishes between the sets conducted in the standard and non-standard surveys. Comprehensive data, including individual fish information for all species caught, is detailed in the appendices.

3.1 Fishing – Standard Survey

Eighty-eight sets were completed on the standard track line between September 10 and 28, 2019 (Figure 2, Tables 2, 3) using the standard protocol described above. Of these sets, 36% were fished with the head rope at the surface and 31%, 22%, 8% and 3% were fished with the head rope at 15 m, 30 m, 45 m and 60 m, respectively (Table 2, 4). Eighty-seven sets were 20 to 30 minutes in duration. One set was only 15 minutes due to marine mammals on the set path. The average speed of the vessel during the standard sets was 4.5 kn and covered 1.8 nm (Table 4). The weather and ocean conditions are provided in Table 5. Wind speed ranged up to 30 kn during some sets (Table 5).

3.1A Salmon Catch

A total of 12,546 Pacific salmon of all age classes were captured in the standard survey with >99% classified as juveniles (Tables 6, 7; Appendix 1). The ocean age 0+ and 1+ age classes of Chum, Pink and Sockeye salmon could be separated by the length frequency (Figure 3). However, for Coho Salmon and Chinook Salmon there is some uncertainty for fish between 350 and 400 mm. There were four Coho Salmon between 366 to 383 mm and five Chinook Salmon between 372 to 400 mm caught in the standard survey area and were classified as ocean age 1+ in the field. None of the Chinook Salmon had recovered CWTs or scales that could be used to validate age and they have retained the ages assigned in the field. There were no CWTs recovered for the four Coho Salmon in this length range, however, we modified the ages of these four fish to ocean age 0+ in this report based on the examination of the scales from two of the fish. Additionally, there was sufficient length difference between these four fish and the remaining ocean age 1+ fish to make this adjustment. It is important to note that with the exception of the two Coho Salmon scales, no aging structures were examined to verify age of the other salmon and this uncertainty should be considered when using the ages.

Of the 12,454 juvenile Pacific salmon caught in the standard survey, most (70%) were Chum Salmon. Coho Salmon and Chinook Salmon accounted for 19% and 10%, respectively (Table 6, Appendix 1). Juvenile Sockeye Salmon were observed in smaller numbers (Table 6), representing only 1% of the catch. Juvenile Pink Salmon were the least common salmon species encountered and represented less than 1% of the juvenile salmon catch (Table 6).

Juvenile Chum Salmon were primarily caught in sets conducted with a head rope fished at the surface (> 95% of catch) and they were caught throughout the standard survey (Figure 4). Coho Salmon and Chinook Salmon were caught at all depth ranges. Catches of Coho Salmon were most consistent in the northern part of the Strait of Georgia (Figure 5) compared to Chinook Salmon that were caught throughout the standard survey (Figure 6). Sockeye Salmon and Pink Salmon were caught in small numbers in surface sets with Pink Salmon more in the northern part of the standard survey and Sockeye Salmon more frequent adjacent to Howe Sound (Figures 7, 8).

There were significant differences in the length of the juvenile salmon (ANOVA, Length: $F_{(4, 4562)} = 1842.71$, $p < 0.001$). The largest juvenile salmon caught in the standard track line were Coho Salmon (271 ± 26.1 mm, Table 12). Chum Salmon (219 ± 15.3 mm) were significantly shorter than Coho Salmon but larger than the other salmon species (Tukey's HSD, $p < 0.001$). Chinook Salmon (201 ± 37.1 mm) and Pink Salmon (198 ± 12.5 mm) were similar in length ($p > 0.05$) but significantly larger than Sockeye Salmon (138 ± 16.3 mm, Table 12). There were also significant differences between the weights of the juvenile salmon species (Weight: $F_{(4, 1913)} = 571.11$, $p < 0.001$). Coho Salmon were the heaviest salmon (263 ± 80.3 g, Tukey's HSD, $p < 0.01$). Chinook Salmon were heavier than the remaining species (136 ± 72.0 g) followed by Chum Salmon (115 ± 31.6 g) and Sockeye Salmon (29 ± 13.1 g, $p < 0.01$). The samples size for weight on Pink Salmon was too small ($n = 12$) for comparison. The trend in the condition (Fulton's K factor) of the juvenile salmon was similar to weight. Significant differences were present (Table 12, $F_{(4, 1913)} = 395.54$, $p < 0.001$) but only between Coho Salmon ($K = 1.26 \pm 0.088$) and Chinook Salmon ($K = 1.24 \pm 0.104$) and when compared to the other salmon species (Tukey's HSD, $p < 0.001$, Table 12).

Thirty-six percent of the age 0+ Coho Salmon and 9% of the age 0+ Chinook Salmon in the standard survey had an adipose fin clip (AD), a coded-wire tag (CWT) or both (Table 7). The average length of Chinook Salmon with an adipose fin clip or CWT was larger than those fish without a mark (t-test, $p < 0.01$, Table 12) although there was no difference in their weight or condition (K, $p > 0.05$). Coho Salmon with an adipose fin clip or CWT were significantly larger and heavier than the unmarked fish (t-test, $p < 0.001$) but there was no significant difference in their condition ($p > 0.05$, Table 12).

There were 80 ocean age 0+ Chinook Salmon identified with a CWT (Table 13). Ten were yearlings from the 2017 brood year including five fish from the Nicola River on Fraser River stocks. An additional three fish were from the British Columbia mainland (Mamquam River (2) or Ashlu Creek (1) and released by the Tenderfoot Creek Hatchery. The remaining two fish from the 2017 brood year originated from Big Soos Hatchery in Puget Sound. The 70 fish from the 2018 brood year originated mostly from the Fraser River ($n = 48$). These fish were mostly from the Shuswap Hatchery (mid- and lower-Shuswap stocks, 81%). The remaining fish (19%) identified as Fraser River stock were either Chilliwack River or Harrison River stocks from the lower Fraser River and were released from four different hatchery locations (Table 13). The 22 CWTs recovered from Chinook Salmon for the 2018 brood year that were not from the Fraser River, originated from the Big Qualicum River (4), Cowichan River (4), Quinsam River (2) or

Puntledge River (1) on the east coast of Vancouver Island and from Puget Sound (Skookum (7), Kendall (2) and Samish (2) hatcheries).

There were 130 juvenile Coho Salmon identified with a CWT although one of the CWTs was lost. Of the 129 CWTs that were recovered, the Coho Salmon originated primarily from the Fraser River drainage basin (70%, Table 14). Over half of these Fraser River origin fish ($n = 53$) were from the lower Fraser River. The remaining Fraser River origin fish ($n = 37$) were from the Coldwater River, Eagle Creek and Salmon River stocks in the interior Fraser River. An additional 17% of the juvenile CWTs from juvenile Coho Salmon originated from the east coast of Vancouver Island. This included 16 CWTs from the Big Qualicum River, one CWT from the Puntledge River and five CWT from Black Creek. The juveniles from Black Creek are a wild stock (Figure 1, Table 14). The remaining 13% of the CWTs included hatchery reared and wild Coho Salmon from Puget Sound. This included fish from the Skookum (5), Marblemount (4), Lummi (4), Quilcene (1) and Lummi (4) hatcheries and three wild fish from Baker River and Big Beef Creek (Table 14).

The most common external wound found on the juvenile salmon was distinct predator bite from a predator attacking the belly or ventral area (see description in Neville 2024). These “bite marks” were observed on all juvenile salmon except Pink Salmon. The rate of occurrence varied from 1% to 2% on Chum, Chinook and Coho salmon to about 5% on the juvenile Sockeye Salmon. There were also wounds from the Western River Lamprey. This lamprey leaves distinct wounds or scars on their prey (Neville 2024). In this survey these wounds or scars were observed on all juvenile salmon except Pink Salmon. The rate of occurrence was less than 1% on all species except Sockeye Salmon (5%, Appendix 1). Both fresh and healed lamprey wounds were observed. There were also small numbers of wounds not identified to cause but described as lacerations or abrasions. These occurred on Coho Salmon, Chum Salmon and Chinook Salmon with rate of occurrence less than 1% (Appendix 1). Parasitic crustaceans were observed in the gills of juvenile salmon, including ten Chinook Salmon, seven Coho Salmon, and four Chum Salmon.

Motile sea lice were present on salmon captured during the survey (Appendix 1). Due to the sampling gear, protocols, and high scale loss on salmon, observations provided a general indication of the species of sea lice and the general areas in which they were being observed but could not be used to measure their prevalence or abundance. In this survey, both *Lepeophtheirus salmonis* and *Caligus clemensi* were reported and on all salmon species but were most commonly observed on juvenile Coho Salmon (86% of occurrences) with the rate of occurrence approximately 22%. The rates of occurrence on the other juvenile salmon were 5% or less. The information available by species and numbers is provided in Appendix 1.

Five juvenile salmon had tumors or cysts within their tissue or body cavity. This included three Coho Salmon with tumors, and one Chum Salmon and one Sockeye Salmon with cysts. Fish health samples were collected for three of these individuals (Appendix 1).

In addition to the juvenile salmon, there were 92 age 1+ salmon captured in the standard survey. Most of these were Chinook Salmon (34) or Coho Salmon (27). There were also smaller numbers of Pink Salmon (18) and Chum Salmon (13; Table 6, 8). The age 1+ Coho Salmon and Chinook Salmon catch was distributed across the study area (Table 8). The fork lengths of this age class are provided in Appendix 1. Ten of the Chinook Salmon had an adipose fin clip and/or a CWT. Four ocean age 1+ Chinook Salmon had a CWT however one is missing. The remaining three were from the 2016 and 2017 brood year. The 2016 brood year fish originated from the Chilliwack River on the lower Fraser River. The 2017 brood year fish were from Puget Sound (Table 13). Six of the age 1+ Coho Salmon were marked with an adipose fin clip and/or a CWT (Table 8). The two ocean age 1+ Coho Salmon with a CWT were from Seymour River on the BC mainland and Eagle River in the Thompson River drainage of the Fraser River (Table 14).

Additional biological samples were collected from Pacific salmon captured in sets on the standard track line and details on numbers by species and age class are provided in Table 15 and Appendix 1.

3.1B Other Species

Fourteen additional species or species groups were captured as bycatch during the fishing on the standard track line (Tables 9, 10, 11). The most abundant species was Pacific Herring (Table 10) and most of these (78%) were classified as age 1+. The length frequency of Pacific Herring caught in the survey suggested a break in age classes between 130 mm and 135 mm (Figure 9). Although Thompson et al. (2022) identified young-of-year herring in the fall of 2019 as fish less than 109 mm in standard length based on their September 9 to 24, 2019 survey, which would equate to approximately 118 mm fork length (Palance et al. 2019), in this report we are selecting to keep the natural break based on the length frequency as no aging was conducted on the Pacific Herring from our survey. The age approximation is only an estimate and must be used with caution but the modes in the length frequency show a definite age class in the range we have indicated (Figure 9). Pacific Herring were caught primarily in the southern Strait of Georgia in this survey (Figure 10).

Opalescent Inshore Squid and Pacific Spiny Dogfish were the second and third most abundant non-salmon species encountered in the catch (Figure 9, Table 10, 11). Female Pacific Spiny Dogfish represented 47% of the catch (Table 11, Appendix 2). Age 1+ Pacific Hake (57) were captured in three sets although most were caught in one set conducted at 60m (Table 11). The stomachs of 20 of the age 1+ Pacific Hake were examined. Twelve stomachs were identified with prey and the prey was almost exclusively euphausiids (Appendix 2). Other bycatch species with 10 or more specimens collected included Threespine Stickleback (42) and Western Brook Lamprey (13, Table 10). The catch of jellyfish was generally medium to low in this survey. The most common were Water Jellyfish and Fried Egg Jellyfish (Table 10).

3.2 Fishing – Non-Standard Survey

Fifty-six successful sets were conducted between September 19 to 27, 2019 that were part of the non-standard survey. These included sets in Desolation Sound (17), Discovery Islands (9),

Jervis Inlet (7) Howe Sound (2), the Gulf Islands (9) and Juan de Fuca Strait (6). It also included six sets in the northern Strait of Georgia that were not part of the standard survey (Figures 1,2; Tables 2, 3). The areas in the non-standard survey were divided into four sub-regions for discussion. The first sub-region (DISC/DESO) included the more northern sets in the Discovery Islands/Desolation Sound and sets in the Strait of Georgia not part of the standard survey. The second sub-region (HOWE/JERV) included the more southerly inlets on the British Columbia mainland (Jervis Inlet and Howe Sound). The third sub-region were the sets in the southern Gulf Islands (GISL). The fourth sub-region was Juan de Fuca Strait (JDEF). The sets in the non-standard survey were primarily in the surface 30 m although one set was conducted in Juan de Fuca Strait at 60 m. The duration of the tows ranged from 1 to 30 minutes in duration and the average speed was 4.7 kn (Table 4). Sets less than 15 minutes were typically due to marine mammals being present although were also due to the confined nature of the areas being fished (e.g. GISL). The weather and ocean conditions are provided in Table 5.

3.2A Salmon Catch

In the non-standard survey, a total of 5,736 Pacific salmon of all age classes were caught and >99% of these were ocean age 0+ fish. Salmon catches in the non-standard survey were from all sub-regions (Figure 2, Tables 6, 7; Appendix 1). Separation between ocean age 0+ and 1+ salmon based on the length frequency was clear for Pink, Chum and Sockeye salmon. There were seven Chinook Salmon caught with lengths between 350 and 399 mm, none of which had a CWT. However, five Chinook Salmon between 300 and 350 mm were captured and two of these had a CWT. These CWTs indicated that both fish were from the 2017 brood year. However, one of these Chinook Salmon had entered the ocean in 2018 as a smolt and one had entered the ocean in 2019 as a yearling. Of these two CWT marked fish, the one that had been released in 2018 was reclassified as ocean age 1+. All remaining Chinook Salmon between 300 and 399 mm retained their field age classifications. Three Coho Salmon between 359 to 369 mm were caught and two of these were identified as jacks in the field and there was a clear separation with larger Coho Salmon. Therefore, these three fish have been reclassified as ocean age 0+ fish in the lab (Figure 3). It is important to remind readers that these ages were not verified by scale or otolith examination.

Chum Salmon were the most common age 0+ salmon caught in the non-standard survey and represented 75% of the juvenile Pacific salmon catch (Figure 4; Tables 6, 7). Chinook Salmon represented 13% of the juvenile salmon catch. Coho Salmon and Pink Salmon represented 5% and 4% of the juvenile salmon catch, respectively. Sockeye Salmon represented less than 2% of the juvenile salmon catch (Table 6).

There were significant differences in the length and weight of juvenile salmon caught in the non-standard survey (ANOVA, Length: $F_{(4, 2695)} = 695.81$, $p < 0.001$; Weight: $F_{(4, 1339)} = 224.45$, $p < 0.001$). The largest juveniles in the non-standard survey were Coho Salmon (256 ± 21.2 mm, 215 ± 76.9 g, Table 16). Chum Salmon were significantly smaller in length (212 ± 12.3 mm, 107 ± 23.6 g) than Coho Salmon but there was no difference in weight ($p > 0.05$). Chinook Salmon (194 ± 35.2 mm, 101 ± 64.7 g) were smaller in both length and weight but were larger than Pink Salmon (181 ± 22.3 mm, 60 ± 23.1 g) and Sockeye Salmon (137 ± 11.8 mm and 29 ± 10.5 g,

Table 16). The condition (K) of the juvenile salmon species were also all significantly different ($F_{(4, 1338)} = 231.4$, $p < 0.001$, Table 16).

Seventeen percent of the juvenile Chinook Salmon and 38% of the juvenile Coho Salmon in the non-standard survey had an adipose fin clip, a CWT or both (Tables 8). This represented 17% of the ocean age 0+ Chinook Salmon and 37% of the ocean age 0+ Coho Salmon. The length and weight of the marked Chinook Salmon was significantly greater than the unmarked fish (t-test, $p < 0.05$). However, there was no difference in the lengths and weights of the marked and unmarked Coho (t-test, $p > 0.05$, Table 16).

Of the 97 CWTs recovered from juvenile Chinook Salmon, 34 (35%) were from the Cowichan River on the east side of Vancouver Island. All but one of these fish were caught within the Gulf Islands (Table 13). There were 10 other CWTs recovered from Chinook Salmon in the Gulf Islands including five from the Fraser River (Shuswap and Chilliwack River hatcheries), one from Puntledge River hatchery and three from Puget Sound (George Adams and Kendall Cr hatcheries). Twenty-five CWTs were from the Quinsam River and all of these fish were captured in DISC/DESO sub-region. In this sub-region, six juvenile Chinook Salmon were from the Phillips River, four were from the Tenderfoot Hatchery, and two were from the Big Qualicum Hatchery and one each were from the Shuswap, Puntledge and Cowichan hatcheries. There were 10 CWTs recovered in Jervis Inlet and these were from the Shuswap River Hatchery (5), Tenderfoot Cr Hatchery, (3), Big Qualicum River Hatchery (1) and the Chilliwack River (1, released at Sandy Cove Seapen). The Shuswap River Hatchery released Chinook Salmon was also caught in Howe Sound (Table 13). The remaining three CWTs were recovered in the Juan de Fuca Strait and included another fish released by the Shuswap River Hatchery as well as two Chinook Salmon from US hatcheries (Snake River and Columbia River). All CWTs that originated from the Tenderfoot Hatchery were yearling from the 2017 brood year. The remaining CWTs were all in ocean age 0+ Chinook Salmon from the 2018 brood year.

Thirteen CWTs were recovered from juvenile Coho Salmon but only one from Spius Creek hatchery originated in Canada (Table 14). The remaining Coho Salmon CWTs were all from Puget Sound hatcheries with most (9) being caught in Juan de Fuca Strait (Table 14).

Bite marks from a toothed predator were observed on all species of Pacific salmon ($n = 30$). These were mostly observed from the DISC/DESO subarea although some small numbers were present in all sub-regions. Lamprey wounds (4) from *Lampetra ayresii* were observed on Chinook Salmon and Sockeye Salmon and were most common from sets in Howe Sound. In addition, a small number of other wounds generally called abrasions, lesions, or punctures were observed both on Coho Salmon and Chinook Salmon across sub-regions (Appendix 1). Motile sea lice (*L. salmonis* and *C. clemensi*) were documented on all salmon species (Appendix 1). Of the 75 juvenile salmon identified with sea lice, most (59%) were observed on Coho Salmon and 36% were Chinook Salmon. Less than 3% of the Pink, Chum and Sockeye salmon were identified with sea lice. By sub-region, most sea lice were observed in JDF (41%) and DISC/DESO (36%) with fewer observed in GISL/HOWE/JERV (23%). It is important to note that these counts cannot be used for abundance or prevalence due to the fishing and sampling

methods used in this survey. It does provide some information on geographical range of observations. Parasitic gill crustaceans were observed on Coho, Chum and Chinook salmon and in all sub-regions (Appendix 1).

A total of 30 age 1+ Pacific salmon were captured in the non-standard survey and the majority of these (n = 17) were Chinook Salmon although Coho Salmon (9) and Chum Salmon (4) were also encountered (Table 6, Appendix 1).

Seven of the age 1+ Chinook Salmon and two of the Coho Salmon had adipose fin clips. Two of these Chinook Salmon had a CWT and both were caught in the Gulf Islands and originated from Puget Sound (Table 13). Ten of the age 1+ Pacific salmon were identified with from one to eleven motile sea lice. These were caught in all sub-regions and most of the lice were gravid (Appendix 1). Additional biological samples were collected from Pacific salmon captured in the non-standard survey and details on numbers by species and age class are provided in Table 15 and Appendix 1.

3.2B Other Species

In addition to Pacific salmon, 20 other species or species groups were captured during the non-standard survey (Tables 9, 10, 11). There were some species caught in the non-standard survey that had not been observed in the standard survey. The most abundant of these was Northern Anchovy that were caught in large abundance in both DISC/DESO and in GISL/HOWE/JERV sub-regions (Figure 10). In these sub-regions they dominated the catch. Pacific Herring were also common. Most Pacific Herring caught were in DISC/DESO and in GISL/HOWE/JERV sub-regions were mostly YOY (>99%). In the JDEF sub-region, the Pacific Herring were mostly age 1+ (Table 10). Threespine Stickleback were caught in large numbers in GISL/HOWE/JERV sub-region but were not encountered in the other areas. One Steller Sea Lion was caught in the gear in the Gulf Islands. Following procedures provided by Dr. Strahan Tucker of DFO, the animal was measured and samples of whiskers were retained for molecular analysis. Catch of other species by sub-region is provided in Table 10 with only Walleye Pollock (JDEF) and Opalescent Inshore Squid (all sub-regions) exceeding 10 specimens in the catch. Ten of the age 1+ Walleye Pollock caught in Juan de Fuca Strait were examined for diet. All fish examined were eating euphausiids. More detailed biological information is provided in Appendix 2. Catches of jellyfish were generally observed in low to medium levels across all sub-regions. Exceptions were very high catches of Water Jellyfish in GISL/HOWE/JERV sub-region and very low to no observations of various jellyfish species in JDEF sub-region (Table 10, Appendix 2).

3.3 Comparison of Catch Between Survey Areas

A full comparison of catch rates between the standard and non-standard surveys could not be completed as standard protocols were not followed in the non-standard survey. There was less effort in the non-standard survey and over 75% of the effort was in the surface 15 m. However, as a generalized comparison, the relative abundance by species for ocean age 0+ salmon remained consistent across both standard and non-standard surveys. The exception was Coho Salmon, which were generally caught in lower numbers in the non-standard survey (Table 6).

There were also some differences in bycatch between the surveys. The most notable was for Northern Anchovy, Threespine Stickleback, and age-class composition of Pacific Herring (Table 10).

There were differences in the average size of juvenile Pacific salmon caught in the standard survey and sub-regions of non-standard survey. An ANOVA and Tukey's HSD test indicated significant differences in the size of Coho Salmon and Chum Salmon caught in the standard survey relative to each of the sub-regions in the non-standard survey (Tukey's HSD, $p < 0.01$). The size of juvenile Chinook Salmon was also different ($p < 0.05$) between most of these regions. The exception was that there was no difference in size between the standard survey and JDEF sub-region ($p > 0.05$). Additionally, the average size of Sockeye Salmon caught in the standard survey was larger than those caught in GISL/HOWE/JERV ($p < 0.01$). These should be considered general comparisons due to differences in protocols between surveys. Catch sizes in other areas were too small for comparisons (Table 6).

3.4 Oceanography

A total of 58 CTD casts and 58 Bongo net plankton sets were completed over the course of the survey (Figure 11, Table 2, 17). Most of these events were conducted during the standard survey (35 CTD casts and 35 Bongo sets). Outside of the standard survey, 23 CTD casts and 23 Bongo net plankton sampling events were conducted. About 31% of these oceanographic events occurred at depths of 250 m, while the remaining 69% were between 70 m and 240 m. Bridge log information for these events is listed in Table 17. Complete data from the CTD casts were archived to the Oceanography database maintained at the Institute of Ocean Sciences, Sidney, B.C. (refer to survey record CCG 2019-053).

4 Summary

The 2019 fall survey was conducted during the regular period for these surveys and the standard track line was successfully fished following standard survey protocols. In addition to the standard survey, six non-standard survey regions (summarized into four sub-regions) were successfully fished. This included areas north of the Strait of Georgia (DISC/DESO) and two inlets adjacent to the Strait of Georgia (HOWE/JERV); the southern Gulf Islands (GISL) and Juan de Fuca Strait (JDEF).

With a few exceptions, the distribution patterns of juvenile Pacific salmon (Figures 4-8) in the early fall of 2019 were similar to the previous few years. The catch rates (CPUE) of juvenile Coho Salmon remained above average and one of the highest observed since the initiation of the survey (Neville 2019). The CPUE of juvenile Chinook Salmon was average, however the CPUE of juvenile Chum Salmon was the second highest observed in the time series. The CPUE of juvenile Sockeye Salmon was similar to the 2015 run cycle but significantly lower than the same run cycle in 2011 and 2007. This was not an entry year for Pink Salmon from the Fraser River, the primary producer in southern British Columbia. However, smaller numbers were observed

in the northern part of the standard survey and in the DISC/DESO sub-region and are likely a combination of Nile Creek and Quinsam River stocks, although DNA analysis has not been completed.

The catch levels of young-of-year Pacific Herring in September 2019 were greater than had been observed in the past few years. However, these fish were caught in relatively few sets. In the standard survey, the catch was concentrated in the southern Strait of Georgia basin. YOY Pacific Herring were also observed in large numbers in the non-standard survey in the GISL and DISC/DESO sub-regions. In the mainland inlets (HOWE/JERV) and Juan de Fuca Strait (JDEF) the catches were lower and the majority of the fish encountered were older age classes. Northern Anchovy were caught in significant numbers in both the DISC/DESO and the HOWE/JERV sub-regions of the non-standard survey. As with previous surveys, the majority of these fish were caught in very few sets demonstrating the concentrated schools they create. In a similar manner, Threespine Stickleback were captured in large numbers in the HOWE/JERV sub-region and were also concentrated in a few sets.

Information on associated samples collected during the survey is available from the Salmon Marine Interactions Program, Ecosystem Sciences Division, Science Branch, Pacific Biological Station, 3190 Hammond Bay Road, Nanaimo, BC, V9T 6N7.

5 Acknowledgements

We thank the captain, Nathan Dobie, and crew of the commercial charter vessel *Sea Crest* for a successful survey. We also thank both our science teams (Johan Jung, Bryan Recalma, Lenora Turcotte, Colleen Haddad, Jessica Low, and Jason Parsley) for their dedication to the hard work and long hours required at sea and our data technician (Lana Fitzpatrick) for proofing and validating data. This data and information would not be available without their efforts.

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7 Figures

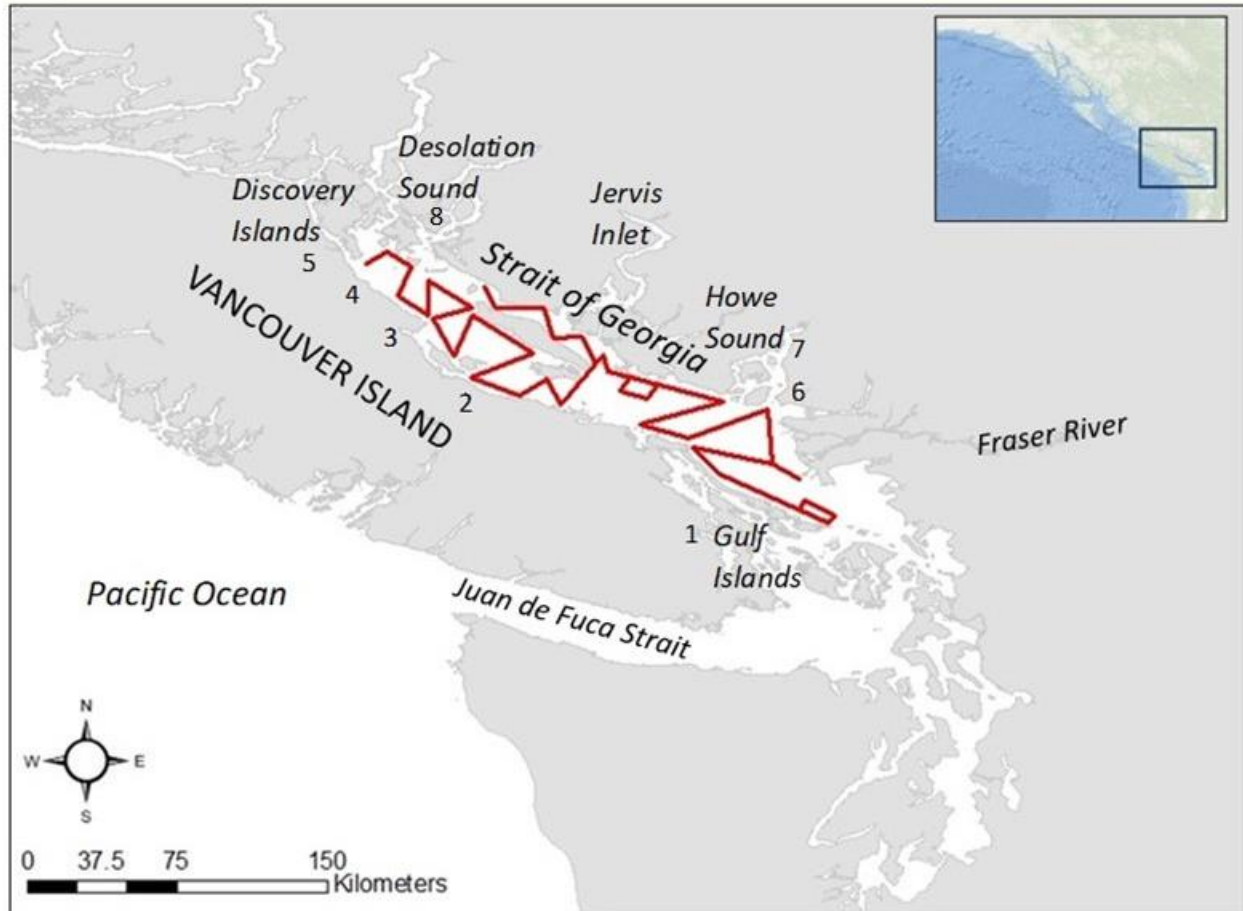


Figure 1. Location of the study area on the British Columbia coast. The red line represents the standard track line that has been fished as part of the standard survey on all juvenile salmon surveys in the Strait of Georgia since 1998. The names of areas considered part of the non-standard survey during the September 2019 survey are indicated. The numbers on the figure identify the general location of salmon hatcheries on Vancouver Island and the B.C. mainland that had coded-wire tags recovered in this survey (1-Cowichan River; 2-Big Qualicum River; 3-Puntledge River; 4-Black Creek (wild); 5-Quinsam River; 6-Capilano River; 7-Tenderfoot Creek, 8 – Phillips River). Locations of hatcheries within the Fraser River and Puget Sound are not provided but additional detail can be obtained from rmis.org

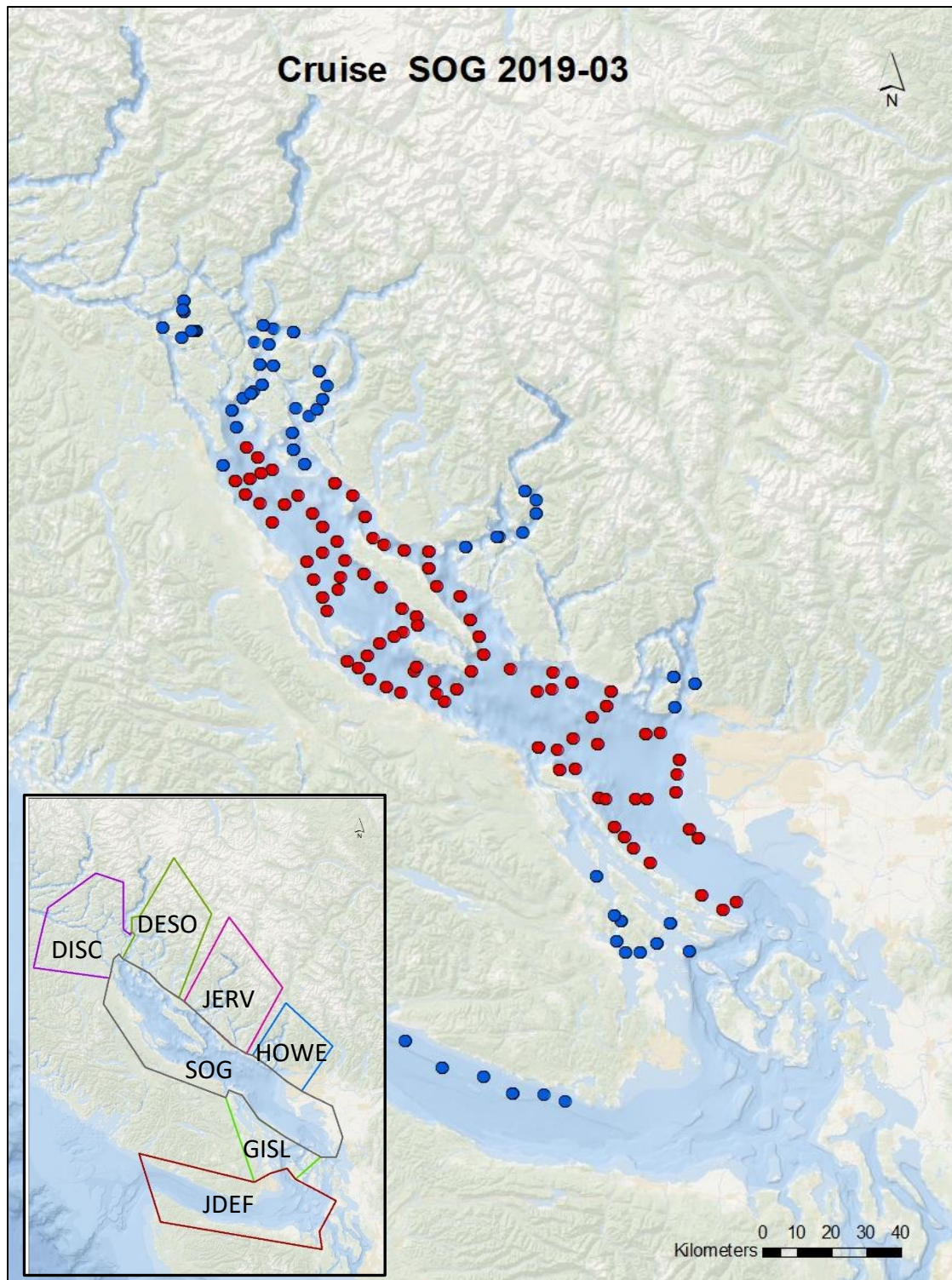


Figure 2. The start position of trawl sets conducted during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 10-28, 2019. Red circles indicate sets that were conducted as part of the standard survey and blue circles indicate sets that were conducted as part of the non-standard survey. The inset shows the location and boundaries of the fishing areas referred to in the report.

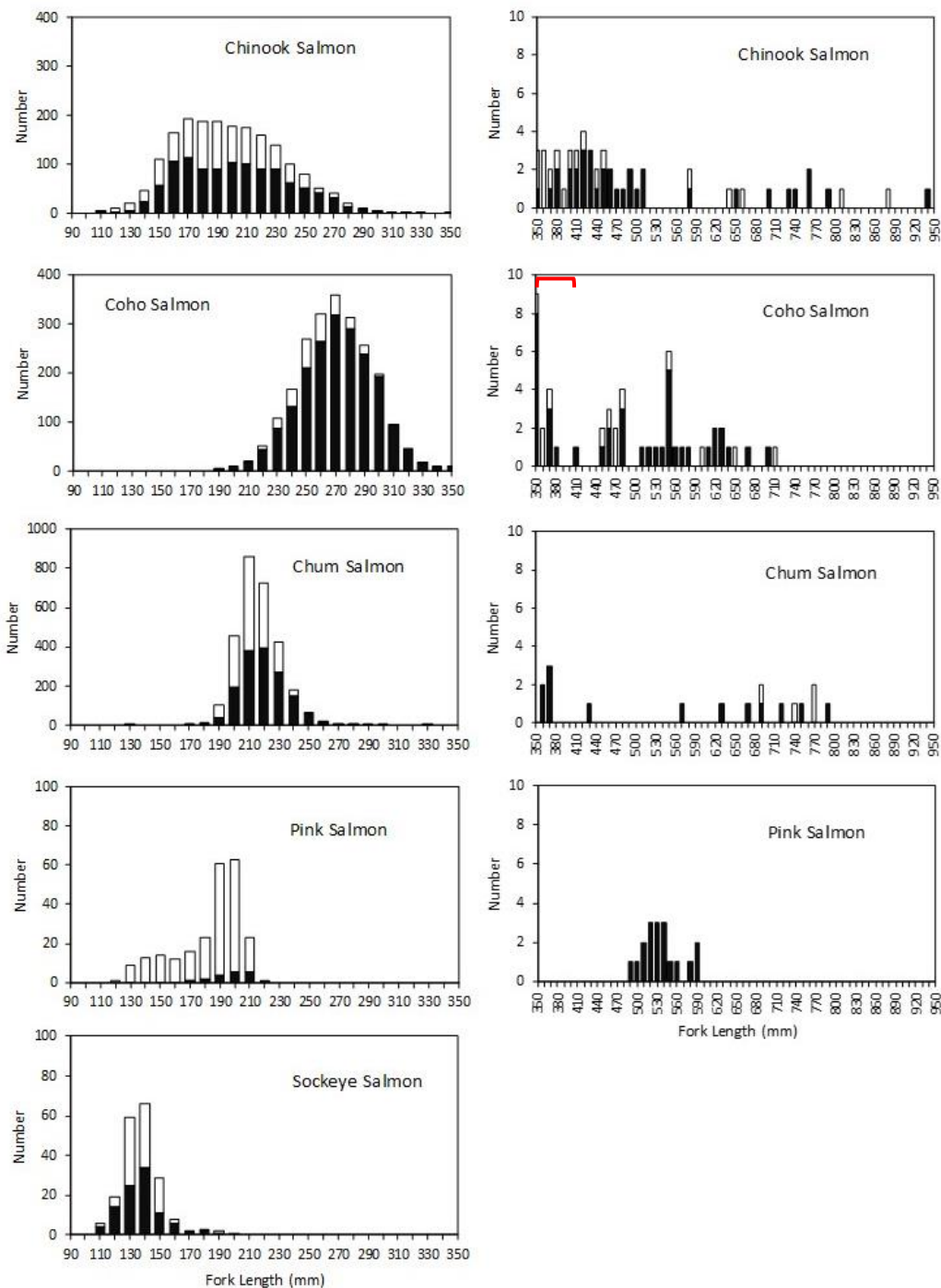


Figure 3. Length-frequency distribution of salmon captured during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. Dark bars represent fish caught in the standard survey and open bars represent fish caught in the non-standard survey. In this report, Chinook, Chum, Pink and Sockeye salmon with a fork length ≤ 35 cm were classified as ocean age 0+ fish (left panel) and fish with a fork length > 35 cm were classified as ocean age 1+ fish (right panel). Coho Salmon with a fork length ≤ 40 cm were classified as ocean age 0+ fish and fish with fork length > 40 cm were classified as ocean age 1+ fish. Ocean age 0+ Coho Salmon between 35 and 40 cm are in the right panel but identified with a red bar. Note that the Y axis varies between panels.

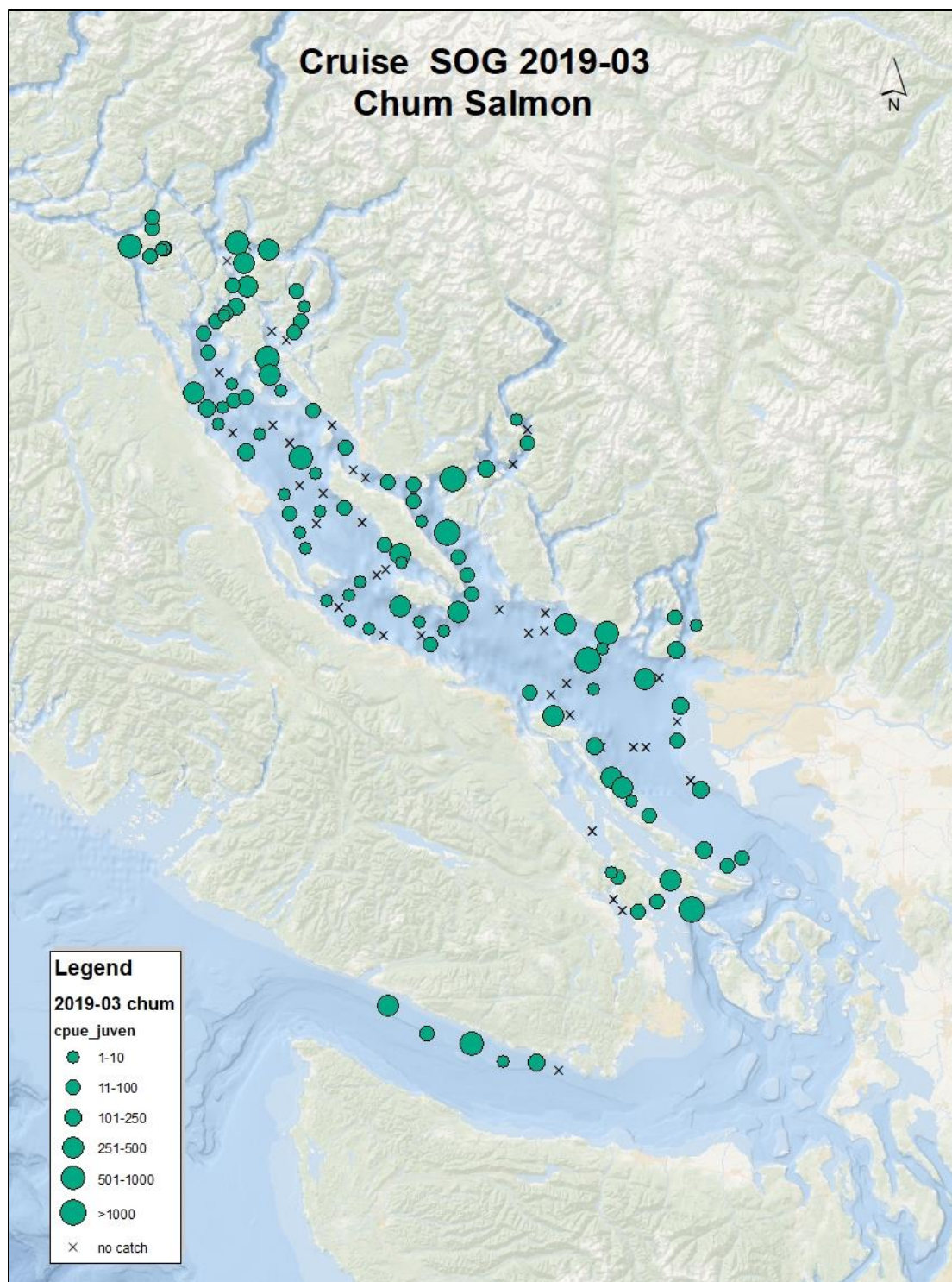


Figure 4. Standardized catch by set (CPUE, catch per hour) of ocean age 0+ Chum Salmon in the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019.

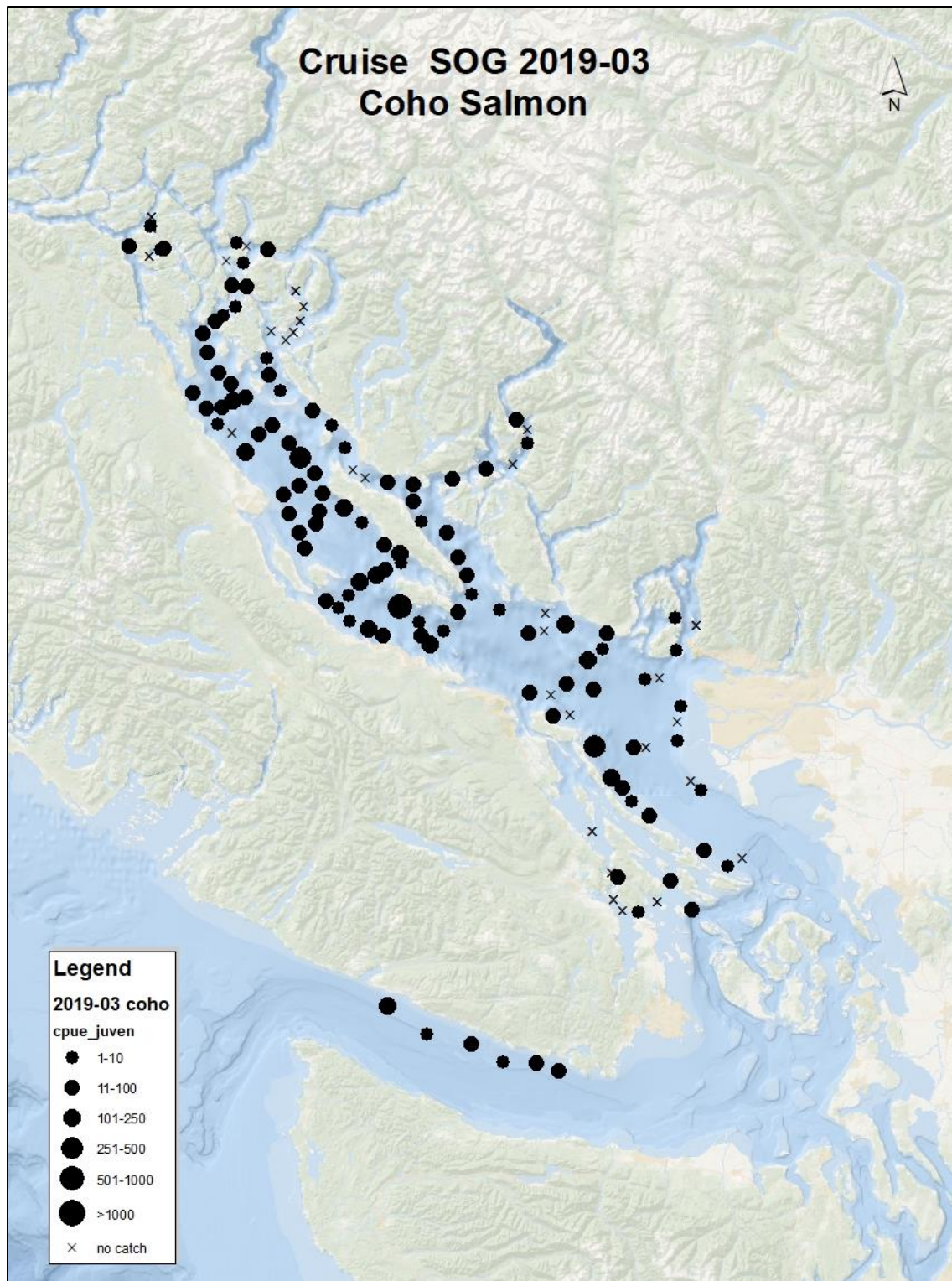


Figure 5. Standardized catch by set (CPUE, catch per hour) of ocean age 0+ Coho Salmon in the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019.

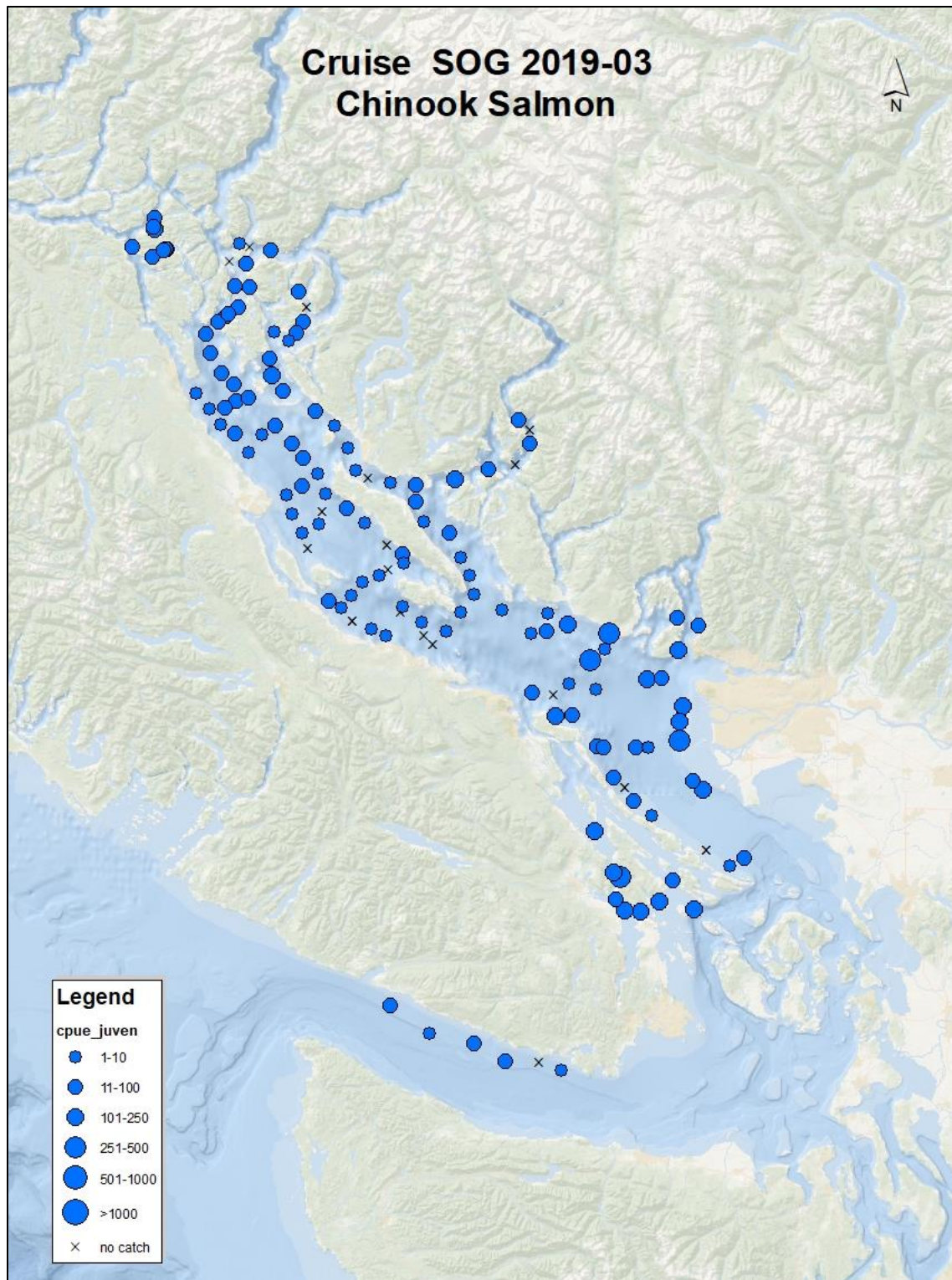


Figure 6. Standardized catch by set (CPUE, catch per hour) of ocean age 0+ Chinook Salmon in the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019.

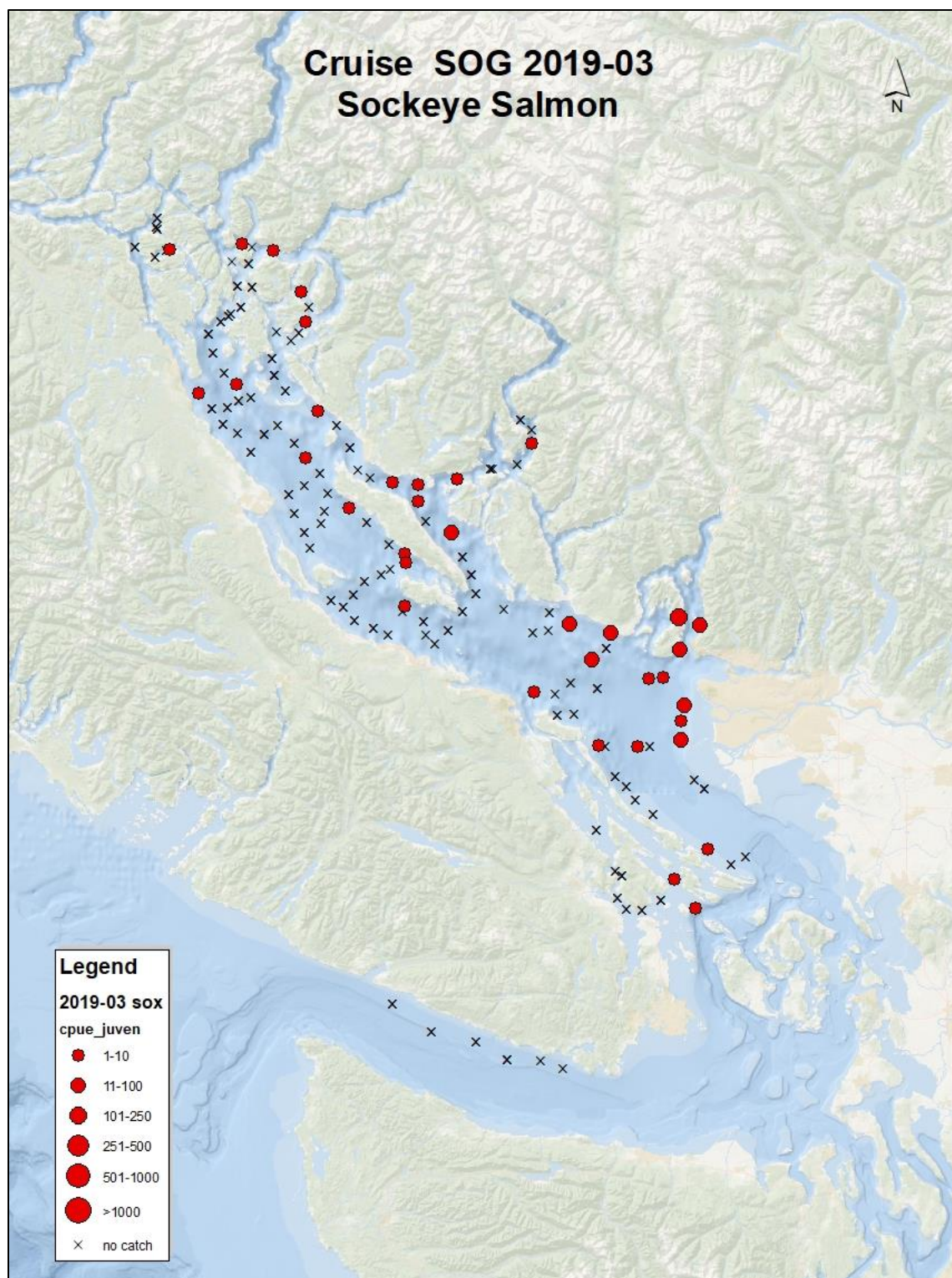


Figure 7. Standardized catch by set (CPUE, catch per hour) of ocean age 0+ Sockeye Salmon in the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019

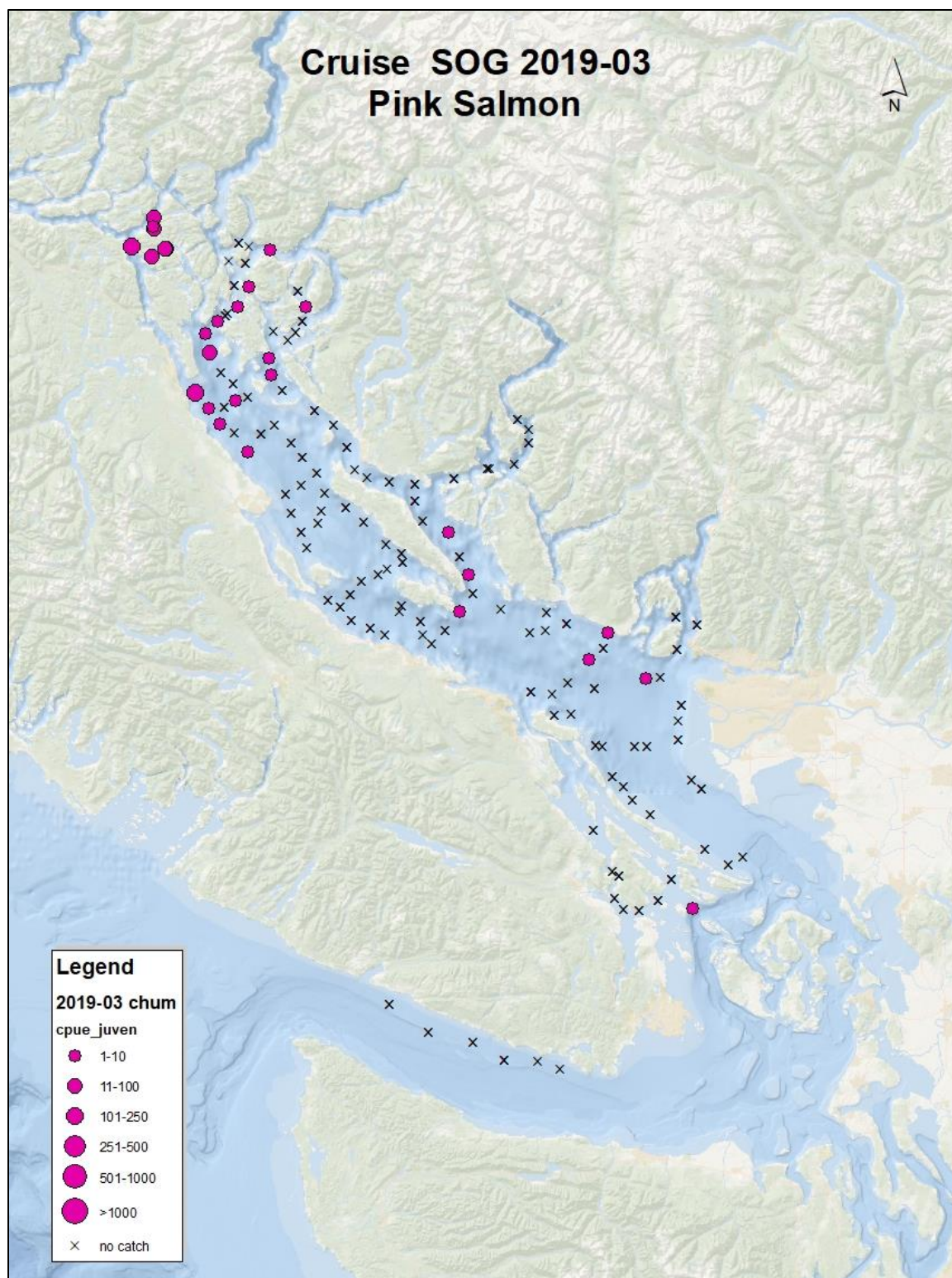


Figure 8. Standardized catch by set (CPUE, catch per hour) of ocean age 0+ Pink Salmon in the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019.

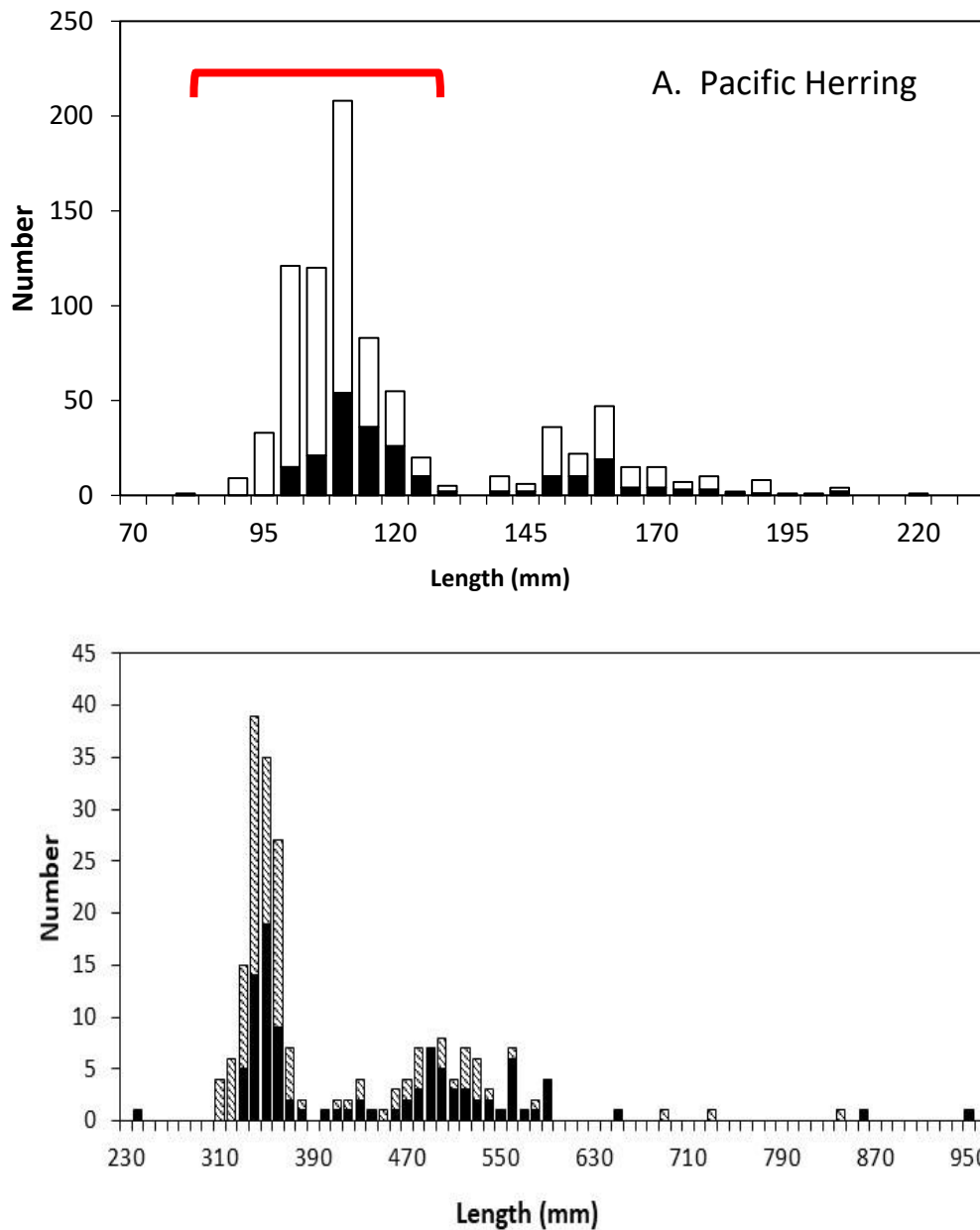


Figure 9. Length-frequency distribution of (A) Pacific Herring and (B) Pacific Spiny Dogfish captured during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. (A) Pacific Herring were categorized as fish from the standard survey (dark bars) and the non-standard survey (open bars). The red bracket indicates the length range of Pacific Herring that were classified as young-of-year for this report. (B) Pacific Spiny Dogfish in the length frequency represent females (dark bars) and males (hashed bars) caught in both the standard and non-standard survey.

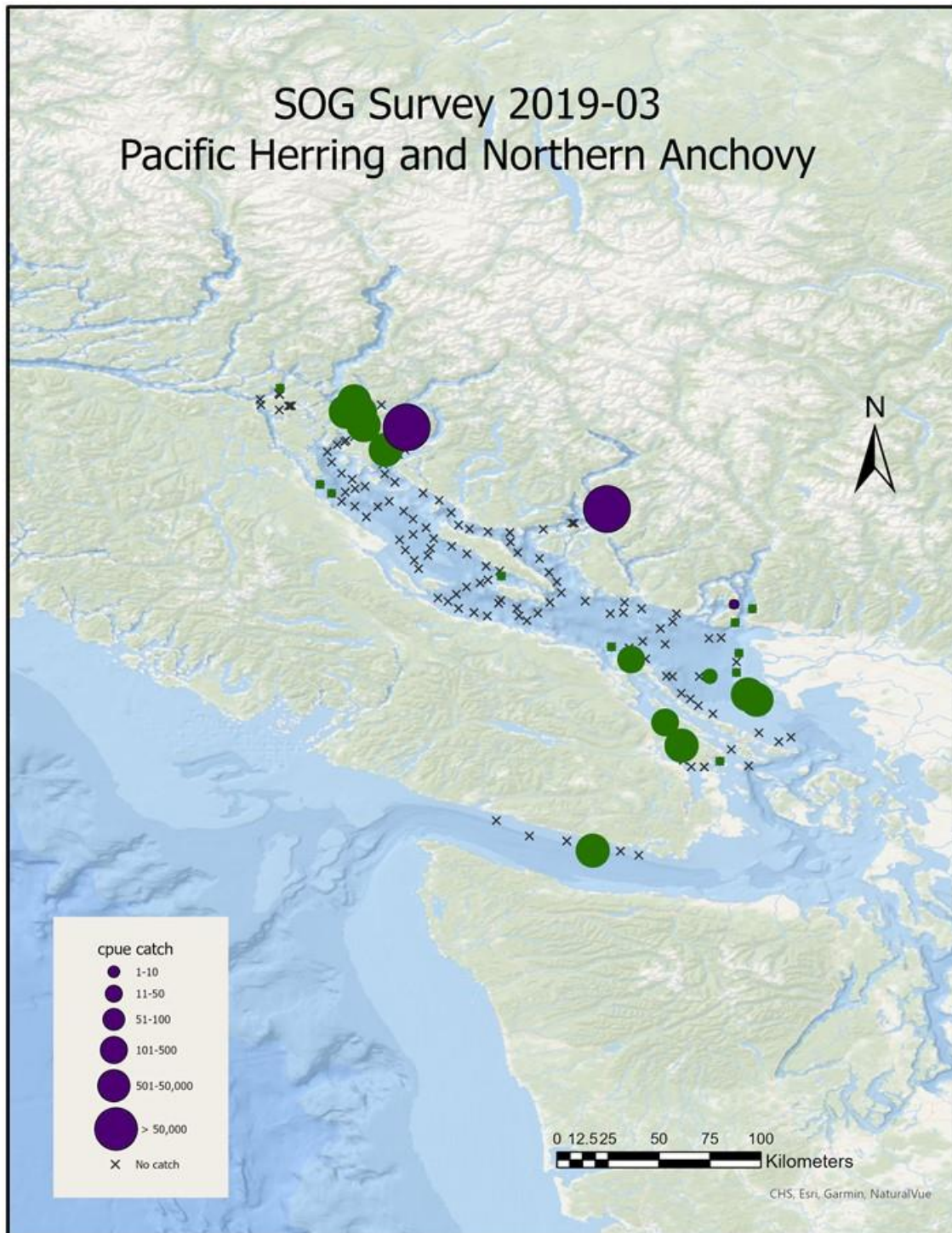


Figure 10. Standardized catch by set (CPUE, catch per hour) for Pacific Herring (green) and Northern Anchovy (purple) in the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. The X's indicate sets with no catch of these species.

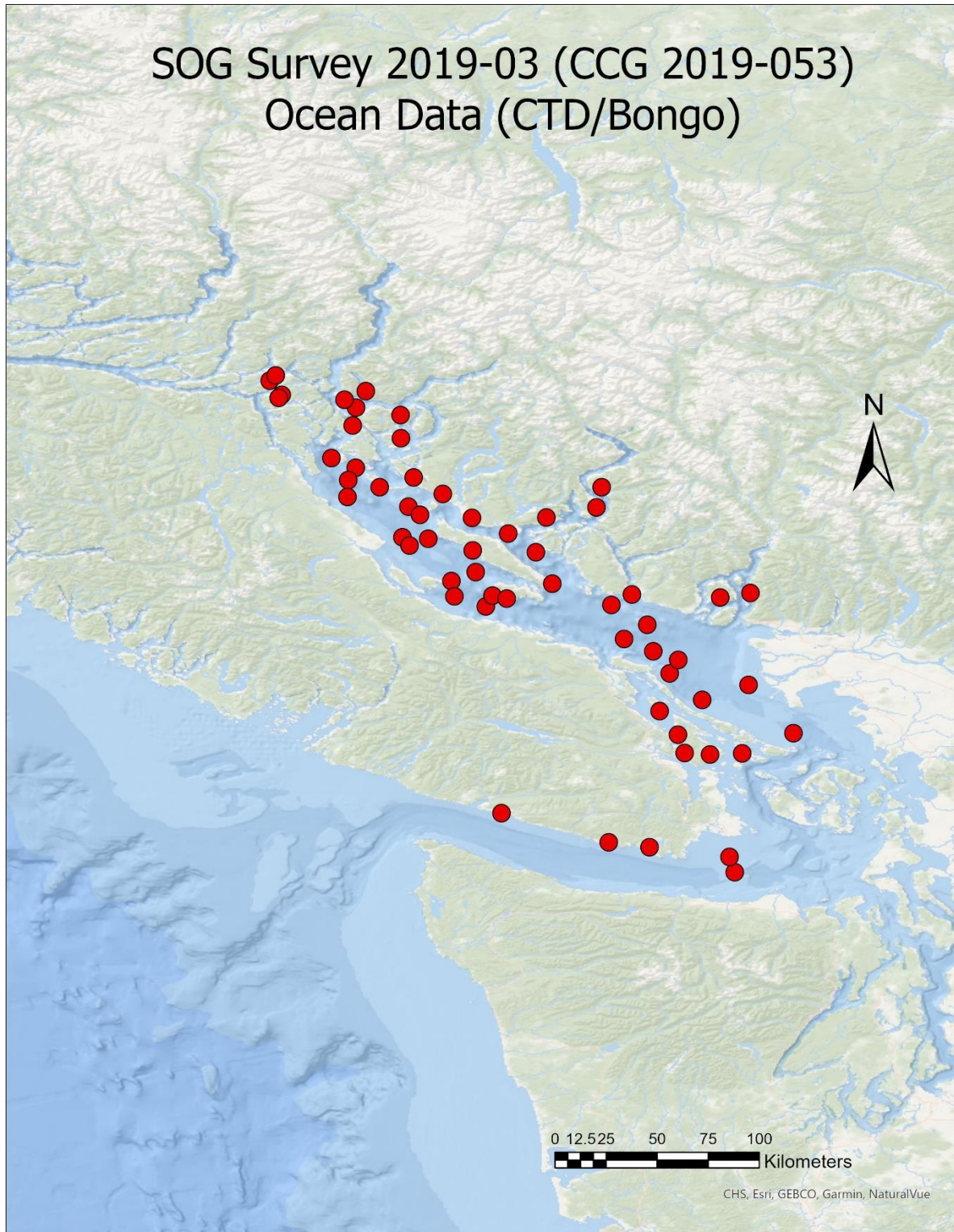


Figure 11. Location of Bongo net and CTD events in the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019.

8 Tables

Table 1. Dates and survey vessels for the annual summer and fall trawl surveys conducted in the Strait of Georgia and associated waters from 1998 to 2023. Survey discussed in this report is in bold.

Summer Surveys				Fall Surveys			
Survey Number	Vessel	Start Date	End Date	Survey Number	Vessel	Start Date	End Date
1998-03	<i>W.E. Ricker</i>	24-Jun-1998	13-Jul-1998	1998-04	<i>W.E. Ricker</i>	8-Sep-1998	18-Sep-1998
1999-02	<i>W.E. Ricker</i>	30-Jun-1999	18-Jul-1999	1999-04	<i>W.E. Ricker</i>	31-Aug-1999	18-Sep-1999
2000-03	<i>W.E. Ricker</i>	27-Jun-2000	23-Jul-2000	2000-05	<i>W.E. Ricker</i>	9-Sep-2000	2-Oct-2000
2001-03	<i>W.E. Ricker</i>	29-Jun-2001	22-Jul-2001	2001-05	<i>W.E. Ricker</i>	13-Sep-2001	7-Oct-2001
2002-01	<i>Viking Storm</i>	1-Jul-2002	25-Jul-2002	2002-02	<i>W.E. Ricker</i>	20-Sep-2002	2-Oct-2002
2003-	no survey			2003-03	<i>W.E. Ricker</i>	9-Sep-2003	27-Sep-2003
2004-02	<i>W.E. Ricker</i>	24-Jun-2004	18-Jul-2004	2004-03	<i>W.E. Ricker</i>	22-Sep-2004	18-Oct-2004
2005-02	<i>Frosti</i>	9-Jul-2005	3-Aug-2005	2005-03	<i>Frosti</i>	7-Sep-2005	29-Sep-2005
2006-01	<i>W.E. Ricker</i>	2-Jul-2006	24-Jul-2006	2006-02	<i>W.E. Ricker</i>	6-Sep-2006	1-Oct-2006
2007-01	<i>W.E. Ricker</i>	8-Jul-2007	27-Jul-2007	2007-02	<i>Viking Storm</i>	12-Sep-2007	7-Oct-2007
2008-02	<i>W.E. Ricker</i>	24-Jun-2008	21-Jul-2008	2008-03	<i>W.E. Ricker</i>	10-Sep-2008	8-Oct-2008
2009-01	<i>W.E. Ricker</i>	24-Jun-2009	19-Jul-2009	2009-02	<i>W.E. Ricker</i>	11-Sep-2009	4-Oct-2009
2010-03	<i>W.E. Ricker</i>	3-Jul-2010	22-Jul-2010	2010-04	<i>W.E. Ricker</i>	10-Sep-2010	27-Sep-2010
2011-03	<i>W.E. Ricker</i>	22-Jun-2011	14-Jul-2011	2011-04	<i>W.E. Ricker</i>	16-Sep-2011	30-Sep-2011
2012-03	<i>W.E. Ricker</i>	20-Jun-2012	11-Jul-2012	2012-04	<i>W.E. Ricker</i>	14-Sep-2012	6-Oct-2012
2013-06	<i>W.E. Ricker</i>	26-Jun-2013	11-Jul-2013	2013-07	<i>W.E. Ricker</i>	18-Sep-2013	6-Oct-2013
2014-10	<i>W.E. Ricker</i>	25-Jun-2014	8-Jul-2014	2014-11	<i>W.E. Ricker</i>	17-Sep-2014	12-Oct-2014
2015-06	<i>W.E. Ricker</i>	24-Jun-2015	9-Jul-2015	2015-14	<i>W.E. Ricker</i>	16-Sep-2015	6-Oct-2015
2016-12	<i>Nordic Pearl</i>	5-Jul-2016	14-Jul-2016	2016-16	<i>Frosti</i>	17-Oct-2016	26-Oct-2016
2017-04	<i>Sea Crest</i>	19-Jun-2017	4-Jul-2017	2017-06	<i>Sea Crest</i>	12-Sep-2017	25-Sep-2017
2018-03	<i>Sea Crest</i>	21-Jun-2018	4-Jul-2018	2018-04	<i>Sea Crest</i>	11-Sep-2018	28-Sep-2018
2019-02	<i>Sea Crest</i>	18-Jun-2019	6-Jul-2019	2019-03	<i>Sea Crest</i>	10-Sep-2019	28-Sep-2019
2020-	no survey			2020-02	<i>Sir John Franklin</i>	18-Sep-2020	1-Oct-2020
2021-01	<i>Sir John Franklin</i>	18-Jun-2021	3-Jul-2021	2021-02	<i>Nordic Pearl</i>	18-Sep-2021	30-Sep-2021
2022-	no survey			2022-04	<i>Nordic Pearl</i>	22-Sep-2022	4-Oct-2022
2023-01	<i>Sir John Franklin</i>	14-Jun-2023	2-Jul-2023	2023-02	<i>Sir John Franklin</i>	16-Sep-2023	3-Oct-2023

Table 2. Number of trawl sets by date, standard or non-standard survey, and fishing areas for the juvenile Pacific salmon survey from September 10 to 28, 2019. Area codes for each fishing area are provided.

Date	Standard Survey	Number of Sets*	Number of Bongo Net/CTD Events	General Fishing Area	Area Code
10-Sep-2019	Yes	6	2/2	Strait of Georgia	SOG
11-Sep-2019	Yes	7	3/3	Strait of Georgia	SOG
12-Sep-2019	Yes	1	1/1	Strait of Georgia	SOG
	No	6/3	2/2	Desolation Sound/Strait of Georgia	DESO/SOG
13-Sep-2019	No	7/1	4/4	Desolation Sound/Discovery Islands	DESO/DISC
14-Sep-2019	No	8	3/3	Discovery Islands	DISC
15-Sep-2019	Yes	3	2/2	Strait of Georgia	SOG
	No	4/3	1/1	Desolation Sound/Strait of Georgia	DESO/SOG
16-Sep-2019	Yes	9	4/4	Strait of Georgia	SOG
17-Sep-2019	No	7	3/3	Jervis Inlet	JERV
18-Sep-2019	Yes	9	3/3	Strait of Georgia	SOG
19-Sep-2019	Yes	10	4/4	Strait of Georgia	SOG
20-Sep-2019	Yes	9	3/3	Strait of Georgia	SOG
21-Sep-2019	Yes	6	3/3	Strait of Georgia	SOG
22-Sep-2019	Yes	7	2/2	Strait of Georgia	SOG
23-Sep-2019	Yes	6	3/3	Strait of Georgia	SOG
24-Sep-2019	Yes	9	3/3	Strait of Georgia	SOG
25-Sep-2019	No	6	3/3	Juan de Fuca Strait	JDEF
26-Sep-2019	No	9	5/5	Gulf Islands	GISL
27-Sep-2019	Yes	4	2/2	Strait of Georgia	SOG
	No	3	2/2	Howe Sound	HOWE
28-Sep-2019	Yes	2	-	Strait of Georgia	SOG
		145	58/58		

* When more than one general fishing area is listed for a given date, values in the "Number of Sets" column separated by a slash indicate the number of trawl sets conducted in each area, in the order listed.

Table 3. Set and event number, area code, and the latitude and longitude of the start and end positions for each trawl set conducted in September 2019. The Standard Survey column indicates whether sets were part of the standard survey (Yes) or non-standard survey (No). Area Code descriptions are provided in Table 2. Additional information on the location of each set within the area fished is provided in the General Location column. Notes on the usability of catch per unit effort (CPUE) data for each set (e.g., gear issues or other considerations) are provided in the Note column.

Set #	Event #	Standard Survey	Date	Area Code	General Location	Start Latitude (°N)	Start Longitude (°W)	End Latitude (°N)	End Longitude (°W)	Note
1	1	Yes	10-Sep-2019	SOG	Snake Island	49.246	-123.875	49.239	-123.821	
2	4	Yes	10-Sep-2019	SOG	Entrance Island	49.240	-123.797	49.258	-123.755	
3	5	Yes	10-Sep-2019	SOG	W of Halibut Bank	49.269	-123.737	49.293	-123.702	
4	8	Yes	10-Sep-2019	SOG	Halibut Bank	49.326	-123.659	49.346	-123.619	
5	9	Yes	10-Sep-2019	SOG	McCall Bank	49.356	-123.605	49.366	-123.587	Whales - not for CPUE
6	10	Yes	10-Sep-2019	SOG	Gower Point	49.392	-123.588	49.403	-123.622	
7	11	Yes	11-Sep-2019	SOG	White Islets	49.414	-123.742	49.421	-123.773	
8	14	Yes	11-Sep-2019	SOG	Trail Islands	49.441	-123.818	49.443	-123.879	
9	15	Yes	11-Sep-2019	SOG	Whiskey Golf	49.397	-123.823	49.376	-123.861	
10	18	Yes	11-Sep-2019	SOG	Whiskey Golf	49.392	-123.881	49.420	-123.911	
11	19	Yes	11-Sep-2019	SOG	Thormanby Islands	49.447	-123.990	49.467	-124.034	During haul door broke - set good
12	20	Yes	11-Sep-2019	SOG	Anderson Bay Texada	49.532	-124.115	49.550	-124.111	Short set - high sounder activity
13	21	Yes	11-Sep-2019	SOG	Malaspina Strait	49.574	-124.150	49.602	-124.180	
14	24	Yes	12-Sep-2019	SOG	Savary Island	49.923	-124.705	49.939	-124.733	
15	27	No	12-Sep-2019	SOG	Hernando Island	49.972	-124.830	49.988	-124.855	
16	28	No	12-Sep-2019	SOG	Hernando Island	50.008	-124.875	50.031	-124.890	
17	29	No	12-Sep-2019	SOG	Cortes Island	50.050	-124.883	50.068	-124.858	
18	30	No	12-Sep-2019	DESO	Mink Island	50.094	-124.814	50.109	-124.793	
19	33	No	12-Sep-2019	DESO	Refuge Cove	50.116	-124.870	50.098	-124.844	
20	34	No	12-Sep-2019	DESO	Mink Island	50.114	-124.786	50.133	-124.765	
21	35	No	12-Sep-2019	DESO	Melville Island	50.141	-124.761	50.156	-124.735	
22	36	No	12-Sep-2019	DESO	Waddington Channel	50.176	-124.749	50.199	-124.757	
23	37	No	12-Sep-2019	DESO	Waddington Channel	50.214	-124.778	50.226	-124.808	

Table 3 (contd.). Set and event number, area code, and the latitude and longitude of the start and end positions for each trawl set conducted in September 2019. The Standard Survey column indicates whether sets were part of the standard survey (Yes) or non-standard survey (No). Area Code descriptions are provided in Table 2. Additional information on the location of each set within the area fished is provided in the General Location column. Notes on the usability of catch per unit effort (CPUE) data for each set (e.g., gear issues or other considerations) are provided in the Note column.

Set #	Event #	Standard Survey	Date	Area Code	Location	Start Latitude (°N)	Start Longitude (°W)	End Latitude (°N)	End Longitude (°W)	Note
24	40	No	13-Sep-2019	DESO	Lewis Channel	50.223	-124.968	50.246	-124.988	
25	43	No	13-Sep-2019	DESO	Upper Sutil Channel	50.226	-125.022	50.207	-125.008	
26	44	No	13-Sep-2019	DESO	Deer Passage	50.279	-124.984	50.298	-124.958	
27	45	No	13-Sep-2019	DESO	Pryce Channel	50.313	-124.889	50.319	-124.925	
28	48	No	13-Sep-2019	DESO	N Raza Island	50.320	-124.970	50.336	-124.997	
29	49	No	13-Sep-2019	DESO	Raza Passage	50.329	-125.010	50.311	-125.034	
30	50	No	13-Sep-2019	DESO	Calm Channel	50.283	-125.045	50.283	-125.046	Humpback whales - no CPUE
31	53	No	13-Sep-2019	DISC	Okisollo Channel	50.309	-125.284	50.303	-125.324	
32	56	No	14-Sep-2019	DISC	Okisollo Channel	50.309	-125.292	50.301	-125.330	
33	57	No	14-Sep-2019	DISC	Okisollo Channel	50.308	-125.299	50.304	-125.320	Dolphins - not for CPUE
34	58	No	14-Sep-2019	DISC	Okisollo Channel	50.290	-125.340	50.287	-125.370	
35	59	No	14-Sep-2019	DISC	Cinque Island	50.313	-125.420	50.343	-125.423	
36	60	No	14-Sep-2019	DISC	Nodales Channel	50.386	-125.336	50.370	-125.370	
37	63	No	14-Sep-2019	DISC	Nodales Channel	50.357	-125.337	50.380	-125.344	
38	64	No	14-Sep-2019	DISC	Nodales Channel	50.363	-125.342	50.386	-125.342	
39	67	No	14-Sep-2019	DISC	Howe Island	50.337	-125.423	50.337	-125.423	No data. Set terminated - dolphins
40	70	No	15-Sep-2019	SOG	Shelter Point	49.961	-125.160	49.935	-125.126	
41	71	Yes	15-Sep-2019	SOG	Mitlenatch Island	49.953	-124.961	49.973	-124.994	
42	74	Yes	15-Sep-2019	SOG	Mitlenatch Island	49.984	-125.018	50.001	-125.046	
43	75	Yes	15-Sep-2019	SOG	Sutil Channel	50.011	-125.065	50.025	-125.090	
44	78	No	15-Sep-2019	SOG	Marina Island	50.060	-125.109	50.083	-125.109	
45	79	No	15-Sep-2019	SOG	Sutil Channel	50.105	-125.127	50.125	-125.111	
46	80	No	15-Sep-2019	DESO	Sutil Channel	50.136	-125.084	50.147	-125.052	

Table 3 (contd.). Set and event number, area code, and the latitude and longitude of the start and end positions for each trawl set conducted in September 2019. The Standard Survey column indicates whether sets were part of the standard survey (Yes) or non-standard survey (No). Area Code descriptions are provided in Table 2. Additional information on the location of each set within the area fished is provided in the General Location column. Notes on the usability of catch per unit effort (CPUE) data for each set (e.g., gear issues or other considerations) are provided in the Note column.

Set #	Event #	Standard Survey	Date	Area Code	Location	Start Latitude (°N)	Start Longitude (°W)	End Latitude (°N)	End Longitude (°W)	Note
47	81	No	15-Sep-2019	DESO	Sutil Channel	50.156	-125.044	50.166	-125.015	
48	84	No	15-Sep-2019	DESO	Sutil Channel	50.173	-125.008	50.160	-125.035	
49	85	No	15-Sep-2019	DESO	Sutil Channel	50.150	-125.052	50.141	-125.082	
50	86	Yes	16-Sep-2019	SOG	Mitlenatch Island	49.943	-125.006	49.928	-125.006	Humpback whales - hauled early
51	89	Yes	16-Sep-2019	SOG	Oyster River	49.928	-125.048	49.919	-125.094	High cross currents
52	90	Yes	16-Sep-2019	SOG	Oyster River	49.922	-125.109	49.899	-125.077	
53	91	Yes	16-Sep-2019	SOG	Miracle Beach	49.887	-125.064	49.858	-125.034	
54	94	Yes	16-Sep-2019	SOG	Miracle Beach	49.865	-125.006	49.830	-124.973	
55	95	Yes	16-Sep-2019	SOG	Conawaga Beach	49.818	-124.955	49.846	-124.927	
56	96	Yes	16-Sep-2019	SOG	Montgomery Bank	49.864	-124.905	49.894	-124.877	
57	99	Yes	16-Sep-2019	SOG	Grant Reef	49.887	-124.855	49.861	-124.826	
58	100	Yes	16-Sep-2019	SOG	Shearwater Passage	49.844	-124.791	49.817	-124.762	
59	103	No	17-Sep-2019	JERV	Hardy Island	49.764	-124.176	49.770	-124.142	
60	106	No	17-Sep-2019	JERV	Vanguard Bay	49.791	-124.039	49.799	-124.030	Net fouled - not for CPUE
61	107	No	17-Sep-2019	JERV	Culloden Point	49.791	-124.050	49.795	-124.015	
62	108	No	17-Sep-2019	JERV	Goliath Bay	49.802	-123.947	49.818	-123.923	
63	111	No	17-Sep-2019	JERV	Vancouver Bay	49.912	-123.938	49.896	-123.909	
64	114	No	17-Sep-2019	JERV	Vancouver Bay	49.887	-123.896	49.880	-123.889	Deep set (below 60m)
65	115	No	17-Sep-2019	JERV	Prince of Wales Reach	49.854	-123.895	49.832	-123.910	
66	116	Yes	18-Sep-2019	SOG	Malaspina Strait	49.635	-124.192	49.638	-124.247	
67	117	Yes	18-Sep-2019	SOG	Malaspina Strait	49.661	-124.288	49.683	-124.321	
68	120	Yes	18-Sep-2019	SOG	Malaspina Strait	49.708	-124.321	49.739	-124.327	Humpback whales - hauled early
69	121	Yes	18-Sep-2019	SOG	Malaspina Strait	49.749	-124.323	49.755	-124.376	
70	122	Yes	18-Sep-2019	SOG	Malaspina Strait	49.753	-124.420	49.765	-124.468	

Table 3 (contd.). Set and event number, area code, and the latitude and longitude of the start and end positions for each trawl set conducted in September 2019. The Standard Survey column indicates whether sets were part of the standard survey (Yes) or non-standard survey (No). Area Code descriptions are provided in Table 2. Additional information on the location of each set within the area fished is provided in the General Location column. Notes on the usability of catch per unit effort (CPUE) data for each set (e.g., gear issues or other considerations) are provided in the Note column.

Set #	Event #	Standard Survey	Date	Area Code	Location	Start Latitude (°N)	Start Longitude (°W)	End Latitude (°N)	End Longitude (°W)	Note
71	125	Yes	18-Sep-2019	SOG	Malaspina Strait	49.765	-124.501	49.768	-124.546	
72	126	Yes	18-Sep-2019	SOG	Malaspina Strait	49.782	-124.549	49.811	-124.569	
73	127	Yes	18-Sep-2019	SOG	Powell River	49.837	-124.581	49.869	-124.604	
74	130	Yes	18-Sep-2019	SOG	Harwood Island	49.891	-124.635	49.900	-124.663	
75	131	Yes	19-Sep-2019	SOG	Shearwater Passage	49.809	-124.750	49.782	-124.716	Start location modified - whales
76	134	Yes	19-Sep-2019	SOG	Texada Island	49.771	-124.692	49.756	-124.722	
77	135	Yes	19-Sep-2019	SOG	Cape Lazo	49.741	-124.749	49.736	-124.800	
78	136	Yes	19-Sep-2019	SOG	Cape Lazo	49.717	-124.809	49.683	-124.787	
79	139	Yes	19-Sep-2019	SOG	Comox Bar	49.672	-124.784	49.650	-124.773	Humpback whales - hauled early
80	142	Yes	19-Sep-2019	SOG	Denman Island	49.627	-124.745	49.606	-124.729	
81	143	Yes	19-Sep-2019	SOG	Denman Island	49.590	-124.725	49.611	-124.712	
82	144	Yes	19-Sep-2019	SOG	Ajax Bank	49.648	-124.684	49.665	-124.676	
83	147	Yes	19-Sep-2019	SOG	Exeter Shoal	49.680	-124.673	49.707	-124.668	
84	148	Yes	19-Sep-2019	SOG	Texada Island	49.723	-124.659	49.704	-124.620	
85	149	Yes	20-Sep-2019	SOG	Texada Island	49.689	-124.579	49.674	-124.548	
86	150	Yes	20-Sep-2019	SOG	Texada Island	49.655	-124.512	49.629	-124.481	
87	153	Yes	20-Sep-2019	SOG	Texada Island	49.601	-124.427	49.587	-124.397	
88	154	Yes	20-Sep-2019	SOG	Texada Island	49.580	-124.368	49.568	-124.337	
89	155	Yes	20-Sep-2019	SOG	Sabine Channel	49.558	-124.360	49.549	-124.406	
90	156	Yes	20-Sep-2019	SOG	Achilles Bank	49.540	-124.419	49.519	-124.456	
91	159	Yes	20-Sep-2019	SOG	Stevens Pass	49.527	-124.454	49.517	-124.484	
92	160	Yes	20-Sep-2019	SOG	Tribune Bay	49.509	-124.514	49.491	-124.559	
93	163	Yes	20-Sep-2019	SOG	Tribune Bay	49.477	-124.559	49.463	-124.537	

Table 3 (contd.). Set and event number, area code, and the latitude and longitude of the start and end positions for each trawl set conducted in September 2019. The Standard Survey column indicates whether sets were part of the standard survey (Yes) or non-standard survey (No). Area Code descriptions are provided in Table 2. Additional information on the location of each set within the area fished is provided in the General Location column. Notes on the usability of catch per unit effort (CPUE) data for each set (e.g., gear issues or other considerations) are provided in the Note column.

Set #	Event #	Standard Survey	Date	Area Code	Location	Start Latitude (°N)	Start Longitude (°W)	End Latitude (°N)	End Longitude (°W)	Note
94	164	Yes	21-Sep-2019	SOG	Denman Island	49.460	-124.640	49.446	-124.613	Late start due to line in prop
95	165	Yes	21-Sep-2019	SOG	Qualicum Bay	49.445	-124.595	49.424	-124.560	
96	168	Yes	21-Sep-2019	SOG	Big Qualicum River	49.414	-124.549	49.393	-124.510	
97	169	Yes	21-Sep-2019	SOG	Qualicum Beach	49.396	-124.481	49.379	-124.438	
98	172	Yes	21-Sep-2019	SOG	Qualicum Beach	49.381	-124.423	49.404	-124.395	
99	175	Yes	21-Sep-2019	SOG	Sea Egg Rocks	49.437	-124.373	49.454	-124.388	
100	176	Yes	22-Sep-2019	SOG	Sea Egg Rocks	49.451	-124.362	49.425	-124.347	
101	177	Yes	22-Sep-2019	SOG	Jenkins Island	49.414	-124.292	49.408	-124.342	
102	180	Yes	22-Sep-2019	SOG	Parksville	49.382	-124.283	49.360	-124.271	
103	181	Yes	22-Sep-2019	SOG	Northwest Bay	49.360	-124.248	49.379	-124.223	
104	182	Yes	22-Sep-2019	SOG	Sangster Island	49.393	-124.200	49.415	-124.166	
105	183	Yes	22-Sep-2019	SOG	Sabine Channel	49.441	-124.146	49.462	-124.127	
106	186	Yes	22-Sep-2019	SOG	Sabine Channel	49.484	-124.096	49.511	-124.091	
107	187	Yes	23-Sep-2019	SOG	Gabriola Island	49.189	-123.788	49.184	-123.739	
108	188	Yes	23-Sep-2019	SOG	Gabriola Island	49.192	-123.724	49.173	-123.687	
109	191	Yes	23-Sep-2019	SOG	Valdes Island	49.116	-123.633	49.087	-123.602	
110	192	Yes	23-Sep-2019	SOG	Valdes Island	49.040	-123.567	49.070	-123.594	
111	195	Yes	23-Sep-2019	SOG	Southern SOG	49.114	-123.606	49.132	-123.578	
112	198	Yes	23-Sep-2019	SOG	Southern SOG	49.114	-123.488	49.120	-123.435	
113	199	Yes	24-Sep-2019	SOG	Roberts Bank	49.011	-123.236	49.025	-123.260	
114	202	Yes	24-Sep-2019	SOG	Roberts Bank	49.035	-123.274	49.049	-123.293	
115	203	Yes	24-Sep-2019	SOG	Sand Heads	49.114	-123.440	49.114	-123.388	
116	204	Yes	24-Sep-2019	SOG	Galiano Island	49.015	-123.527	48.998	-123.511	

Table 3 (contd.). Set and event number, area code, and the latitude and longitude of the start and end positions for each trawl set conducted in September 2019. The Standard Survey column indicates whether sets were part of the standard survey (Yes) or non-standard survey (No). Area Code descriptions are provided in Table 2. Additional information on the location of each set within the area fished is provided in the General Location column. Notes on the usability of catch per unit effort (CPUE) data for each set (e.g., gear issues or other considerations) are provided in the Note column.

Set #	Event #	Standard Survey	Date	Area Code	Location	Start Latitude (°N)	Start Longitude (°W)	End Latitude (°N)	End Longitude (°W)	Note
117	205	Yes	24-Sep-2019	SOG	Galiano Island	48.985	-123.492	48.965	-123.467	
118	208	Yes	24-Sep-2019	SOG	Galiano Island	48.949	-123.428	48.931	-123.391	
119	209	Yes	24-Sep-2019	SOG	Mayne Island	48.866	-123.225	48.849	-123.196	
120	210	Yes	24-Sep-2019	SOG	Saturna Island	48.826	-123.137	48.816	-123.079	
121	213	Yes	24-Sep-2019	SOG	Saturna Island	48.846	-123.084	48.824	-123.039	
122	214	No	25-Sep-2019	JDEF	Sombrio Point	48.478	-124.383	48.469	-124.342	
123	217	No	25-Sep-2019	JDEF	Magdalena Point	48.410	-124.237	48.402	-124.194	
124	218	No	25-Sep-2019	JDEF	Jordan River	48.388	-124.072	48.381	-124.003	
125	219	No	25-Sep-2019	JDEF	Sheringham Point	48.345	-123.957	48.342	-123.914	
126	222	No	25-Sep-2019	JDEF	Otter Point	48.343	-123.835	48.335	-123.788	
127	223	No	25-Sep-2019	JDEF	Sooke	48.325	-123.754	48.308	-123.717	
128	226	No	26-Sep-2019	GISL	Swanson Channel	48.720	-123.270	48.730	-123.293	
129	229	No	26-Sep-2019	GISL	Swanson Channel	48.792	-123.347	48.772	-123.339	
130	230	No	26-Sep-2019	GISL	Satellite Channel	48.740	-123.397	48.723	-123.426	
131	233	No	26-Sep-2019	GISL	Satellite Channel	48.715	-123.466	48.707	-123.493	
132	234	No	26-Sep-2019	GISL	Satellite Channel	48.715	-123.523	48.729	-123.540	
133	237	No	26-Sep-2019	GISL	Samsun Narrows	48.744	-123.558	48.749	-123.562	Humpback whales - no CPUE
134	238	No	26-Sep-2019	GISL	Burgoyne Bay	48.798	-123.542	48.804	-123.557	
135	239	No	26-Sep-2019	GISL	Maple Bay	48.810	-123.567	48.813	-123.580	
136	242	No	26-Sep-2019	GISL	Stuart Channel	48.911	-123.638	48.920	-123.644	
137	245	Yes	27-Sep-2019	SOG	Sand Heads	49.132	-123.324	49.153	-123.327	
138	246	Yes	27-Sep-2019	SOG	Iona outfall	49.178	-123.324	49.199	-123.322	
139	249	Yes	27-Sep-2019	SOG	North Arm Fraser	49.217	-123.312	49.238	-123.307	
140	250	Yes	27-Sep-2019	SOG	Cape Roger Curtis	49.285	-123.391	49.283	-123.359	

Table 3 (contd.). Set and event number, area code, and the latitude and longitude of the start and end positions for each trawl set conducted in September 2019. The Standard Survey column indicates whether sets were part of the standard survey (Yes) or non-standard survey (No). Area Code descriptions are provided in Table 2. Additional information on the location of each set within the area fished is provided in the General Location column. Notes on the usability of catch per unit effort (CPUE) data for each set (e.g., gear issues or other considerations) are provided in the Note column.

Set #	Event #	Standard Survey	Date	Area Code	Location	Start Latitude (°N)	Start Longitude (°W)	End Latitude (°N)	End Longitude (°W)	Note
141	253	No	27-Sep-2019	HOWE	Queen Charlotte Channel	49.352	-123.330	49.373	-123.317	
142	254	No	27-Sep-2019	HOWE	Bowyer Island	49.413	-123.254	49.435	-123.254	
143	257	No	27-Sep-2019	HOWE	Bowen Island	49.433	-123.335	49.427	-123.371	
144	260	Yes	28-Sep-2019	SOG	Cape Roger Curtis	49.282	-123.445	49.274	-123.498	
145	261	Yes	28-Sep-2019	SOG	Snake Island	49.257	-123.638	49.245	-123.678	

Table 4. Associated bridge log information by trawl set number, including fishing times (PDT), set duration (minutes), head rope depth (m), average bottom depth (m), net opening height (m), net opening width (m), direction of set (true), vessel fishing speed (knots), and approximate distance of set (nm) for each trawl set conducted in September 2019.

Set Number	Date	Start Time (PDT)	Set Duration (min)	Head Rope Depth (m)	Average Bottom Depth (m)	Net Opening Width (m)	Net Opening Height (m)	Direction of Set (°true)	Speed (kn)	Distance (nmi)
1	10-Sep-2019	7:18	30	0	270	14	34	100	4.6	2.2
2	10-Sep-2019	8:47	30	30	390	12	31	52	4.4	2.0
3	10-Sep-2019	9:42	30	15	340	12	42	44	4.5	2.0
4	10-Sep-2019	11:25	30	0	190	12	47	53	4.6	2.0
5	10-Sep-2019	15:50	15	30	160	12	28	50	4.3	0.9
6	10-Sep-2019	16:35	20	0	85	13	43	282	4.7	1.5
7	11-Sep-2019	7:06	20	0	165	13	30	289	4.6	1.7
8	11-Sep-2019	8:38	30	30	215	12	40	282	4.3	1.9
9	11-Sep-2019	10:00	30	45	220	13	33	229	4.3	1.7
10	11-Sep-2019	11:26	30	15	260	13	42	325	4.5	2.1
11	11-Sep-2019	12:34	30	30	200	12	29	296	4.3	2.1
12	11-Sep-2019	16:10	20	0	380	12	42	335	4.8	1.2
13	11-Sep-2019	16:56	30	15	415	13	36	325	4.5	2.2
14	12-Sep-2019	6:58	20	0	145	12	44	302	4.6	1.5
15	12-Sep-2019	8:26	20	15	220	12	48	329	4.6	1.5
16	12-Sep-2019	9:13	20	0	310	12	33	339	4.5	1.5
17	12-Sep-2019	10:02	20	0	450	13	45	43	4.6	1.5
18	12-Sep-2019	11:18	20	30	490	12	46	42	4.1	1.3
19	12-Sep-2019	12:57	20	15	220	13	44	146	4.6	1.5
20	12-Sep-2019	14:00	20	0	470	14	30	42	4.6	1.5
21	12-Sep-2019	14:48	20	0	165	13	31	47	4.7	1.5
22	12-Sep-2019	15:35	20	15	420	13	29	347	4.6	1.4
23	12-Sep-2019	16:21	20	0	150	14	42	301	4.5	1.4
24	13-Sep-2019	7:06	20	0	325	12	31	332	4.9	1.6
25	13-Sep-2019	8:39	20	15	498	12	45	147	4.5	1.4

Table 4 (contd.). Associated bridge log information by trawl set number, including fishing times (PDT), set duration (minutes), head rope depth (m), average bottom depth (m), net opening height (m), net opening width (m), direction of set (true), vessel fishing speed (knots), and approximate distance of set (nm) for each trawl set conducted in September 2019.

Set Number	Date	Start Time (PDT)	Set Duration (min)	Head Rope Depth (m)	Average Bottom Depth (m)	Net Opening Width (m)	Net Opening Height (m)	Direction of Set (°true)	Speed (kn)	Distance (nmi)
26	13-Sep-2019	9:51	20	0	490	13	34	47	4.5	1.5
27	13-Sep-2019	10:57	20	0	470	13	32	291	4.5	1.5
28	13-Sep-2019	12:11	20	15	320	12	48	316	4.5	1.4
29	13-Sep-2019	13:14	20	0	240	13	39	221	4.5	1.5
30	13-Sep-2019	14:20	1	30	-	14	29	270	-	0.0
31	13-Sep-2019	17:16	20	0	100	13	40	256	4.7	1.7
32	14-Sep-2019	7:15	20	0	110	11	44	261	4.9	1.6
33	14-Sep-2019	8:12	12	15	100	12	48	254	5.0	0.9
34	14-Sep-2019	8:49	15	0	115	13	29	250	5.0	1.3
35	14-Sep-2019	9:33	20	0	295	14	40	343	5.8	1.8
36	14-Sep-2019	10:48	20	0	200	14	30	230	4.8	1.5
37	14-Sep-2019	12:51	20	0	220	13	40	349	4.5	1.5
38	14-Sep-2019	13:45	20	15	200	12	47	353	4.6	1.5
39	14-Sep-2019	15:15	0	-	-	13	34	90	-	-
40	15-Sep-2019	7:21	30	0	100	13	32	139	4.5	2.0
41	15-Sep-2019	8:58	20	0	160	12	46	317	5.0	1.6
42	15-Sep-2019	10:11	20	15	170	12	34	314	4.7	1.5
43	15-Sep-2019	10:57	20	30	225	11	51	315	4.3	1.3
44	15-Sep-2019	12:34	20	0	245	12	46	356	4.5	1.4
45	15-Sep-2019	13:30	20	15	250	13	45	27	4.5	1.4
46	15-Sep-2019	14:20	20	0	270	12	31	62	4.6	1.4
47	15-Sep-2019	15:05	20	15	375	12	47	62	4.4	1.4
48	15-Sep-2019	16:15	20	0	480	14	42	233	4.5	1.3
49	15-Sep-2019	17:00	20	15	355	11	37	233	4.6	1.4
50	16-Sep-2019	7:40	20	0	170	12	50	180	4.8	1.6

Table 4 (contd.). Associated bridge log information by trawl set number, including fishing times (PDT), set duration (minutes), head rope depth (m), average bottom depth (m), net opening height (m), net opening width (m), direction of set (true), vessel fishing speed (knots), and approximate distance of set (nm) for each trawl set conducted in September 2019.

Set Number	Date	Start Time (PDT)	Set Duration (min)	Head Rope Depth (m)	Average Bottom Depth (m)	Net Opening Width (m)	Net Opening Height (m)	Direction of Set (°true)	Speed (kn)	Distance (nmi)
51	16-Sep-2019	9:05	30	30	200	12	56	259	4.3	1.9
52	16-Sep-2019	10:01	30	0	115	13	35	138	4.7	1.8
53	16-Sep-2019	10:55	30	15	100	11	42	146	4.6	2.1
54	16-Sep-2019	12:24	30	60	200	11	44	149	4.3	2.5
55	16-Sep-2019	13:26	30	0	180	13	30	40	4.7	2.0
56	16-Sep-2019	14:27	30	15	240	12	52	38	4.6	2.1
57	16-Sep-2019	15:58	30	30	175	13	48	144	4.3	2.0
58	16-Sep-2019	17:00	30	15	200	13	31	145	4.5	2.0
59	17-Sep-2019	7:40	20	0	350	13	48	77	4.4	1.3
60	17-Sep-2019	9:36	10	0	425	11	44	36	4.6	0.6
61	17-Sep-2019	10:11	20	0	650	13	28	71	4.6	1.4
62	17-Sep-2019	11:06	20	15	600	12	45	43	4.6	1.3
63	17-Sep-2019	13:19	20	0	660	12	44	131	4.8	1.6
64	17-Sep-2019	14:42	8	104	660	12	31	148	4.1	0.4
65	17-Sep-2019	15:22	20	0	670	13	50	210	4.6	1.4
66	18-Sep-2019	7:04	30	0	325	13	31	273	4.5	2.1
67	18-Sep-2019	8:07	30	30	300	14	43	310	4.4	1.9
68	18-Sep-2019	9:30	27	15	270	13	31	358	4.5	1.9
69	18-Sep-2019	10:54	30	0	100	12	52	266	4.6	2.1
70	18-Sep-2019	11:51	30	15	315	13	30	281	4.7	2.0
71	18-Sep-2019	13:36	30	60	300	12	44	274	4.1	1.7
72	18-Sep-2019	14:36	30	30	300	12	52	344	4.3	1.9
73	18-Sep-2019	15:34	30	0	140	14	43	333	4.6	2.0
74	18-Sep-2019	16:56	20	15	125	12	32	297	4.4	1.4
75	19-Sep-2019	7:33	30	0	22	14	44	145	4.5	2.1

Table 4 (contd.). Associated bridge log information by trawl set number, including fishing times (PDT), set duration (minutes), head rope depth (m), average bottom depth (m), net opening height (m), net opening width (m), direction of set (true), vessel fishing speed (knots), and approximate distance of set (nm) for each trawl set conducted in September 2019.

Set Number	Date	Start Time (PDT)	Set Duration (min)	Head Rope Depth (m)	Average Bottom Depth (m)	Net Opening Width (m)	Net Opening Height (m)	Direction of Set (°true)	Speed (kn)	Distance (nmi)
76	19-Sep-2019	9:35	20	15	270	13	50	224	4.5	1.4
77	19-Sep-2019	10:20	30	30	320	12	31	251	4.3	1.9
78	19-Sep-2019	11:21	30	15	110	12	45	153	4.5	2.1
79	19-Sep-2019	12:45	20	0	105	13	44	161	4.6	1.4
80	19-Sep-2019	13:52	20	30	90	12	30	150	4.5	1.4
81	19-Sep-2019	14:48	20	0	110	14	46	23	4.6	1.4
82	19-Sep-2019	15:32	20	45	140	12	54	21	4.2	1.3
83	19-Sep-2019	16:39	30	15	330	13	32	8	4.6	1.9
84	19-Sep-2019	17:30	28	30	340	11	52	128	4.4	1.9
85	20-Sep-2019	7:10	20	0	190	14	29	126	4.6	1.5
86	20-Sep-2019	7:58	30	30	275	10	45	144	4.4	2.0
87	20-Sep-2019	9:30	20	15	20	14	30	128	4.5	1.5
88	20-Sep-2019	10:15	20	0	165	13	45	116	4.5	1.4
89	20-Sep-2019	12:00	30	45	200	13	30	255	4.3	1.8
90	20-Sep-2019	13:00	30	15	135	12	30	228	4.5	1.9
91	20-Sep-2019	14:13	20	0	155	14	40	247	4.5	1.4
92	20-Sep-2019	15:00	30	15	150	13	30	233	4.7	2.0
93	20-Sep-2019	16:14	20	45	225	14	47	135	4.3	1.2
94	21-Sep-2019	10:38	20	0	105	13	28	131	4.5	1.4
95	21-Sep-2019	11:40	30	30	135	12	32	126	4.3	1.9
96	21-Sep-2019	12:55	30	15	115	15	48	128	4.6	2.0
97	21-Sep-2019	13:49	30	0	120	13	30	115	4.4	2.0
98	21-Sep-2019	15:30	30	15	300	12	30	30	4.6	2.1
99	21-Sep-2019	17:00	30	45	320	14	41	335	4.4	1.7
100	22-Sep-2019	7:26	30	0	340	13	29	163	4.7	1.8

Table 4 (contd.). Associated bridge log information by trawl set number, including fishing times (PDT), set duration (minutes), head rope depth (m), average bottom depth (m), net opening height (m), net opening width (m), direction of set (true), vessel fishing speed (knots), and approximate distance of set (nm) for each trawl set conducted in September 2019.

Set Number	Date	Start Time (PDT)	Set Duration (min)	Head Rope Depth (m)	Average Bottom Depth (m)	Net Opening Width (m)	Net Opening Height (m)	Direction of Set (°true)	Speed (kn)	Distance (nmi)
101	22-Sep-2019	9:42	30	60	345	13	50	259	4.5	2.0
102	22-Sep-2019	11:27	20	15	275	13	31	157	4.5	1.4
103	22-Sep-2019	12:25	20	0	330	14	48	41	4.5	1.5
104	22-Sep-2019	13:14	20	30	-	13	50	44	4.3	2.0
105	22-Sep-2019	14:09	20	0	250	12	31	29	4.5	1.5
106	22-Sep-2019	15:20	30	15	250	15	48	7	4.7	1.9
107	23-Sep-2019	7:13	30	0	100	26	31	101	4.6	2.0
108	23-Sep-2019	9:13	30	30	190	12	52	128	4.4	1.9
109	23-Sep-2019	11:06	30	0	-	26	30	136	4.6	1.9
110	23-Sep-2019	13:02	30	15	195	12	44	332	4.5	2.1
111	23-Sep-2019	14:52	30	45	215	12	52	49	4.3	1.6
112	23-Sep-2019	16:48	30	15	300	14	43	81	4.5	2.1
113	24-Sep-2019	7:07	20	0	105	25	32	310	4.6	1.3
114	24-Sep-2019	8:22	20	15	95	14	44	315	4.6	1.3
115	24-Sep-2019	9:44	30	30	225	13	50	98	4.3	2.1
116	24-Sep-2019	11:37	20	0	170	24	31	158	4.7	1.4
117	24-Sep-2019	12:26	30	45	120	12	-	130	4.3	1.7
118	24-Sep-2019	13:48	30	15	125	13	44	128	4.6	1.9
119	24-Sep-2019	15:27	20	0	140	25	30	131	4.7	1.5
120	24-Sep-2019	16:20	30	15	160	14	46	114	5.0	2.4
121	24-Sep-2019	17:50	30	30	200	12	54	123	4.8	2.3
122	25-Sep-2019	7:07	30	0	109	26	32	108	4.5	1.8
123	25-Sep-2019	9:00	30	30	150	11	52	114	4.3	1.7
124	25-Sep-2019	10:18	30	0	100	27	29	99	5.7	2.8
125	25-Sep-2019	11:50	20	60	133	10	-	96	5.3	1.7

Table 4 (contd.). Associated bridge log information by trawl set number, including fishing times (PDT), set duration (minutes), head rope depth (m), average bottom depth (m), net opening height (m), net opening width (m), direction of set (true), vessel fishing speed (knots), and approximate distance of set (nm) for each trawl set conducted in September 2019.

Set Number	Date	Start Time (PDT)	Set Duration (min)	Head Rope Depth (m)	Average Bottom Depth (m)	Net Opening Width (m)	Net Opening Height (m)	Direction of Set (°true)	Speed (kn)	Distance (nmi)
126	25-Sep-2019	13:24	20	0	125	27	30	106	5.7	2.0
127	25-Sep-2019	14:08	20	15	160	13	45	125	5.4	1.9
128	26-Sep-2019	7:13	15	0	150	26	30	291	4.6	1.0
129	26-Sep-2019	9:12	15	0	71	25	30	173	5.4	1.3
130	26-Sep-2019	10:00	20	15	85	14	40	229	4.8	1.6
131	26-Sep-2019	11:13	15	0	75	27	30	252	5.0	1.2
132	26-Sep-2019	12:16	15	30	80	14	47	321	4.4	1.1
133	26-Sep-2019	13:15	5	0	95	26	28	334	4.7	0.3
134	26-Sep-2019	14:06	10	0	150	24	32	301	4.7	0.8
135	26-Sep-2019	15:03	10	30	140	15	48	299	4.3	0.6
136	26-Sep-2019	16:48	10	0	130	27	30	331	4.6	0.7
137	27-Sep-2019	7:33	20	0	125	27	30	359	4.5	1.3
138	27-Sep-2019	8:32	20	15	142	14	-	8	4.6	1.4
139	27-Sep-2019	9:46	20	0	137	29	27	9	4.5	1.1
140	27-Sep-2019	11:20	20	30	245	13	50	100	4.4	1.3
141	27-Sep-2019	13:23	20	0	240	26	31	29	4.7	1.8
142	27-Sep-2019	14:19	20	15	240	14	48	5	4.5	1.5
143	27-Sep-2019	16:19	20	0	-	50	27	243	4.6	1.5
144	28-Sep-2019	7:14	30	0	220	24	31	247	4.6	2.1
145	28-Sep-2019	8:52	30	15	-	15	48	240	4.5	1.7

Table 5. Weather and ocean conditions during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. Dash indicates no data.

Set Number	Standard Survey	Date	Head Rope Depth (m)	Tide	Temperature at Net (°C)	Water Condition	Wind Direction (degrees)	Wind Speed (kn)	Weather Comment
1	Yes	10-Sep-2019	0	Ebb	-	Calm	N/A	0	Cloudy
2	Yes	10-Sep-2019	30	Ebb	10.8	Calm	90	4	Rain
3	Yes	10-Sep-2019	15	Ebb	11.1	Calm	N/A	0	Cloudy
4	Yes	10-Sep-2019	0	Flood	-	Calm	N/A	0	Partly Cloudy
5	Yes	10-Sep-2019	30	Flood	10.4	Calm	N/A	0	Clear
6	Yes	10-Sep-2019	0	Flood	-	Calm	N/A	0	Clear
7	Yes	11-Sep-2019	0	Ebb	-	Chop - 0.3 m, Swell 0.5m	90	10	Clear
8	Yes	11-Sep-2019	30	Ebb	10.2	Chop - 0.3 m, Swell 0.5m	90	16	Partly Cloudy
9	Yes	11-Sep-2019	45	Ebb	10.0	Chop - 0.3 m, Swell 1m	90	20	Partly Cloudy
10	Yes	11-Sep-2019	15	Ebb	11.4	Chop - 0.8 m, Swell 1 m	90	18	Partly Cloudy
11	Yes	11-Sep-2019	30	Flood	10.1	Chop - 0.8 m, Swell 1.5 m	90	15	Partly Cloudy
12	Yes	11-Sep-2019	0	Flood	-	Chop - 0.3 m, Swell 1m	90	15	Partly Cloudy
13	Yes	11-Sep-2019	15	Flood	11.6	Chop - 0.3 m, Swell 0.5m	90	10	Partly Cloudy
14	Yes	12-Sep-2019	0	Ebb	-	Light chop, Swell 0.5 m	90	13	Rain
15	No	12-Sep-2019	15	Ebb	13.7	Light chop, Swell 0.5 m	90	15	Rain
16	No	12-Sep-2019	0	Ebb	-	Light chop	90	15	Rain
17	No	12-Sep-2019	0	Ebb	-	Light chop	90	13	Rain
18	No	12-Sep-2019	30	Ebb	10.5	Light chop	90	10	Rain
19	No	12-Sep-2019	15	Flood	12.4	Light chop	90	8	Rain
20	No	12-Sep-2019	0	Flood	-	Light chop	90	20	Rain
21	No	12-Sep-2019	0	Flood	-	Light chop	90	20	Rain
22	No	12-Sep-2019	15	Flood	10.8	Light chop	90	15	Partly Cloudy
23	No	12-Sep-2019	0	Flood	-	Light chop	90	9	Partly Cloudy
24	No	13-Sep-2019	0	Ebb	-	Calm	N/A	0	Partly Cloudy
25	No	13-Sep-2019	15	Ebb	14	Calm	N/A	0	Cloudy
26	No	13-Sep-2019	0	Ebb	-	Calm	N/A	0	Rain
27	No	13-Sep-2019	0	Ebb	-	Light chop	90	15	Rain
28	No	13-Sep-2019	15	Ebb	11.3	Light chop	90	10	Rain
29	No	13-Sep-2019	0	Flood	-	Light chop	90	10	Partly Cloudy
30	No	13-Sep-2019	30	Flood	-	Calm	N/A	0	Cloudy

Table 5 (contd.). Weather and ocean conditions during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. Dash indicates no data.

Set Number	Standard Survey	Date	Head Rope Depth (m)	Tide	Temperature at Net (°C)	Water Condition	Wind Direction (degrees)	Wind Speed (kn)	Weather Comment
31	No	13-Sep-2019	0	Ebb	-	Calm	N/A	0	Rain
32	No	14-Sep-2019	0	Ebb	-	Light chop	90	10	Rain
33	No	14-Sep-2019	15	Ebb	11.7	Calm	N/A	0	Rain
34	No	14-Sep-2019	0	Ebb	-	Calm	N/A	0	Rain
35	No	14-Sep-2019	0	Ebb	-	Rippled	90	5	Rain
36	No	14-Sep-2019	0	Ebb	-	Rippled	90	20	Rain
37	No	14-Sep-2019	0	Flood	-	Rippled	90	10	Rain
38	No	14-Sep-2019	15	Flood	10.8	Rippled	90	18	Partly Cloudy
39	No	14-Sep-2019	0	Flood	-	Calm	90	15	Cloudy
40	No	15-Sep-2019	0	Ebb	-	Rippled	90	3	Partly Cloudy
41	Yes	15-Sep-2019	0	Ebb	-	Calm	N/A	0	Partly Cloudy
42	Yes	15-Sep-2019	15	Ebb	15.4	Calm	N/A	0	Partly Cloudy
43	Yes	15-Sep-2019	30	Ebb	14.3	Calm	N/A	0	Partly Cloudy
44	No	15-Sep-2019	0	Ebb	-	Calm	N/A	0	Partly Cloudy
45	No	15-Sep-2019	15	Flood	15.6	Calm	N/A	0	Partly Cloudy
46	No	15-Sep-2019	0	Flood	-	Rippled	90	10	Cloudy
47	No	15-Sep-2019	15	Flood	15.2	Rippled	90	10	Cloudy
48	No	15-Sep-2019	0	Flood	-	Rippled	90	15	Rain
49	No	15-Sep-2019	15	Flood	15.8	Rippled	90	10	Cloudy
50	Yes	16-Sep-2019	0	Ebb	-	Calm	N/A	0	Partly Cloudy
51	Yes	16-Sep-2019	30	Ebb	12.2	Calm	90	4	Partly Cloudy
52	Yes	16-Sep-2019	0	Ebb	-	Calm	N/A	0	Partly Cloudy
53	Yes	16-Sep-2019	15	Ebb	12.4	Calm	N/A	0	Partly Cloudy
54	Yes	16-Sep-2019	60	Ebb	10.9	Rippled	90	12	Partly Cloudy
55	Yes	16-Sep-2019	0	Ebb	-	Rippled	90	10	Partly Cloudy
56	Yes	16-Sep-2019	15	Flood	12.8	Rippled	90	10	Cloudy
57	Yes	16-Sep-2019	30	Flood	10.6	Rippled	90	10	Cloudy
58	Yes	16-Sep-2019	15	Flood	14.3	Light chop	90	14	Cloudy
59	No	17-Sep-2019	0	Ebb	-	Chop - 0.3 m	90	26	Rain
60	No	17-Sep-2019	0	Ebb	-	Chop - 0.3 m	90	16	Rain

Table 5 (contd.). Weather and ocean conditions during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. Dash indicates no data.

Set Number	Standard Survey	Date	Head Rope Depth (m)	Tide	Temperature at Net (°C)	Water Condition	Wind Direction (degrees)	Wind Speed (kn)	Weather Comment
61	No	17-Sep-2019	0	Ebb	-	Light chop	90	16	Rain
62	No	17-Sep-2019	15	Ebb	12.8	Rippled	90	10	Rain
63	No	17-Sep-2019	0	Ebb	-	Rippled	90	15	Cloudy
64	No	17-Sep-2019	104	Flood	9.1	Rippled	90	6	Rain
65	No	17-Sep-2019	0	Flood	-	Rippled	90	4	Rain
66	Yes	18-Sep-2019	0	Ebb	-	Rippled	270	8	Partly Cloudy
67	Yes	18-Sep-2019	30	Ebb	11.9	Rippled	270	6	Partly Cloudy
68	Yes	18-Sep-2019	15	Ebb	14.6	Rippled	270	7	Partly Cloudy
69	Yes	18-Sep-2019	0	Ebb	-	Rippled	270	7	Partly Cloudy
70	Yes	18-Sep-2019	15	Ebb	14.7	Light chop	270	18	Partly Cloudy
71	Yes	18-Sep-2019	60	Ebb	9.6	Light chop	270	12	Partly Cloudy
72	Yes	18-Sep-2019	30	Ebb	10.6	Rippled	270	8	Partly Cloudy
73	Yes	18-Sep-2019	0	Flood	-	Rippled	270	10	Partly Cloudy
74	Yes	18-Sep-2019	15	Flood	14.9	Calm	270	10	Partly Cloudy
75	Yes	19-Sep-2019	0	Flood	-	Rippled	270	10	Partly Cloudy
76	Yes	19-Sep-2019	15	Flood	13.4	Light chop	270	10	Partly Cloudy
77	Yes	19-Sep-2019	30	Ebb	12.3	Light chop	270	10	Partly Cloudy
78	Yes	19-Sep-2019	15	Ebb	13.3	Rippled	270	8	Partly Cloudy
79	Yes	19-Sep-2019	0	Ebb	-	Rippled	270	5	Partly Cloudy
80	Yes	19-Sep-2019	30	Ebb	12.4	Calm	N/A	0	Partly Cloudy
81	Yes	19-Sep-2019	0	Ebb	-	Calm	N/A	0	Partly Cloudy
82	Yes	19-Sep-2019	45	Ebb	10.4	Calm	N/A	0	Cloudy
83	Yes	19-Sep-2019	15	Ebb	12.9	Calm	N/A	0	Partly Cloudy
84	Yes	19-Sep-2019	30	Ebb	12.6	Calm	N/A	0	Clear
85	Yes	20-Sep-2019	0	Flood	-	Calm	N/A	0	Partly Cloudy
86	Yes	20-Sep-2019	30	Flood	11.2	Calm	N/A	0	Partly Cloudy
87	Yes	20-Sep-2019	15	Flood	12.6	Calm	N/A	0	Partly Cloudy
88	Yes	20-Sep-2019	0	Flood	-	Calm	N/A	0	Partly Cloudy
89	Yes	20-Sep-2019	45	Ebb	10.3	Calm	N/A	0	Partly Cloudy
90	Yes	20-Sep-2019	15	Ebb	12.3	Calm	N/A	0	Clear
91	Yes	20-Sep-2019	0	Ebb	-	Calm	N/A	0	Clear

Table 5 (contd.). Weather and ocean conditions during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. Dash indicates no data.

Set Number	Standard Survey	Date	Head Rope Depth (m)	Tide	Temperature at Net (°C)	Water Condition	Wind Direction (degrees)	Wind Speed (kn)	Weather Comment
92	Yes	20-Sep-2019	15	Ebb	13	Calm	N/A	0	Clear
93	Yes	20-Sep-2019	45	Ebb	11.7	Calm	N/A	0	Clear
94	Yes	21-Sep-2019	0	Flood	-	Light chop	90	15	Partly Cloudy
95	Yes	21-Sep-2019	30	Flood	12.1	Chop - 0.7 m	90	15	Cloudy
96	Yes	21-Sep-2019	15	Flood	12.8	Chop - 0.7 m	90	15	Cloudy
97	Yes	21-Sep-2019	0	Ebb	-	Chop - 0.7 m	90	15	Cloudy
98	Yes	21-Sep-2019	15	Ebb	12.7	Chop -1 m	90	15	Cloudy
99	Yes	21-Sep-2019	45	Flood	10.5	Chop -1.5 m	90	16	Cloudy
100	Yes	22-Sep-2019	0	Flood	-	Chop -1 m	90	25	Rain
101	Yes	22-Sep-2019	60	Flood	9.9	Chop -1.7 m	90	25	Rain
102	Yes	22-Sep-2019	15	Flood	12	Chop -1.7 m	90	16	Rain
103	Yes	22-Sep-2019	0	Flood	-	Chop -1.7 m	90	20	Cloudy
104	Yes	22-Sep-2019	30	Flood	10.8	Chop -1.7 m	90	19	Rain
105	Yes	22-Sep-2019	0	Ebb	-	Chop - 0.7 m	90	8	Partly Cloudy
106	Yes	22-Sep-2019	15	Ebb	11.3	Rippled	270	5	Cloudy
107	Yes	23-Sep-2019	0	Flood	-	Calm	N/A	0	Partly Cloudy
108	Yes	23-Sep-2019	30	Flood	11	Rippled	90	10	Cloudy
109	Yes	23-Sep-2019	0	Flood	-	Rippled	90	7	Cloudy
110	Yes	23-Sep-2019	15	Flood	11.5	Rippled	90	10	Rain
111	Yes	23-Sep-2019	45	Ebb	10.7	Chop - 0.7 m	90	17	Rain
112	Yes	23-Sep-2019	15	Ebb	10.5	Chop - 0.3 m	90	20	Cloudy
113	Yes	24-Sep-2019	0	Ebb	-	Rippled	270	10	Partly Cloudy
114	Yes	24-Sep-2019	15	Ebb	11.2	Rippled	270	10	Partly Cloudy
115	Yes	24-Sep-2019	30	Ebb	10.5	Rippled	270	5	Partly Cloudy
116	Yes	24-Sep-2019	0	Flood	-	Calm	N/A	0	Partly Cloudy
117	Yes	24-Sep-2019	45	Flood	10.8	Calm	N/A	0	Clear
118	Yes	24-Sep-2019	15	Flood	11.6	Calm	N/A	0	Clear
119	Yes	24-Sep-2019	0	Flood	-	Calm	N/A	0	Partly Cloudy
120	Yes	24-Sep-2019	15	Flood	11.5	Rippled	270	10	Partly Cloudy
121	Yes	24-Sep-2019	30	Flood	10.8	Rippled	270	5	Partly Cloudy
122	No	25-Sep-2019	0	Flood	-	Swell 1 m	270	5	Cloudy

Table 5 (contd.). Weather and ocean conditions during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. Dash indicates no data.

Set Number	Standard Survey	Date	Head Rope Depth (m)	Tide	Temperature at Net (°C)	Water Condition	Wind Direction (degrees)	Wind Speed (kn)	Weather Comment
123	No	25-Sep-2019	30	Flood	10.7	Swell 1.5 m	270	10	Partly Cloudy
124	No	25-Sep-2019	0	Flood	-	Swell 1.5 m	270	5	Partly Cloudy
125	No	25-Sep-2019	60	Flood	1.3	Swell 1.5 m	270	5	Partly Cloudy
126	No	25-Sep-2019	0	Flood	-	Swell 1 m	N/A	0	Clear
127	No	25-Sep-2019	15	Ebb	10.6	Swell 0.5 m	270	10	Partly Cloudy
128	No	26-Sep-2019	0	Ebb	-	Chop - 0.7 m	270	16	Cloudy
129	No	26-Sep-2019	0	Ebb	-	Rippled	270	10	Partly Cloudy
130	No	26-Sep-2019	15	Flood	11.6	Rippled	270	5	Partly Cloudy
131	No	26-Sep-2019	0	Flood	-	Calm	N/A	0	Partly Cloudy
132	No	26-Sep-2019	30	Flood	12	Rippled	270	5	Partly Cloudy
133	No	26-Sep-2019	0	Flood	-	Rippled	270	5	Clear
134	No	26-Sep-2019	0	Flood	-	Chop - 0.3 m	270	15	Partly Cloudy
135	No	26-Sep-2019	30	Flood	12.3	Chop - 0.3 m	270	12	Clear
136	No	26-Sep-2019	0	Flood	-	Rippled	270	5	Clear
137	Yes	27-Sep-2019	0	Ebb	-	Chop -2 m, Swell 2 m	270	25	Partly Cloudy
138	Yes	27-Sep-2019	15	Ebb	10.2	Chop -2 m, Swell 2 m	270	29	Partly Cloudy
139	Yes	27-Sep-2019	0	Ebb	-	Chop -1.7 m	270	14	Clear
140	Yes	27-Sep-2019	30	Ebb	10.5	Chop -2 m, Swell 2 m	270	30	Clear
141	No	27-Sep-2019	0	Flood	-	Chop - 0.7 m	270	15	Partly Cloudy
142	No	27-Sep-2019	15	Flood	11.2	Rippled	270	7	Partly Cloudy
143	No	27-Sep-2019	0	Flood	-	Chop - 0.7 m	310	20	Partly Cloudy
144	Yes	28-Sep-2019	0	Ebb	-	Chop - 0.3 m, Swell 0.5 m	270	10	Partly Cloudy
145	Yes	28-Sep-2019	15	Ebb	-	Chop - 0.3 m, Swell 0.5 m	270	12	Partly Cloudy

Table 6. Summary of ocean age 0+ and ocean age 1+ Pacific salmon catch by area and head rope depth during the juvenile salmon survey in the Strait of Georgia and associated waters, September 2019. See Tables 7-8 and Appendix 1 for detailed information. A dash indicates no catch.

Area	Head Rope Depth (m)	Number of Sets	Age 0+					Age 1+				
			Chinook	Coho	Chum	Pink	Sockeye	Chinook	Coho	Chum	Pink	Sockeye
A. Strait of Georgia (Standard survey)	0	32	901	1,724	8,332	19	92	22	24	9	18	-
	15	27	164	582	330	1	5	2	-	1	-	-
	30	19	110	55	38	-	2	5	2	2	-	-
	45	7	30	11	2	-	1	1	1	1	-	-
	60	3	49	4	2	-	-	4	-	-	-	-
Total standard survey												
Total A		88	1,254	2,376	8,704	20	100	34	27	13	18	-
B. Discovery Islands/ Desolation Sound/Strait of Georgia (non-standard)**	0	20	264	72	1,584	230	8	5	-	1	-	-
	15	10	62	18	47	3	-	-	1	-	-	-
	30	2	1	-	-	-	-	-	-	-	-	-
Total B		32	327	90	1,631	233	8	5	1	1	-	-
C. Howe Sound/Jervis Inlet*	0	7	137	16	1,070	-	69	-	2	1	-	-
	15	2	13	-	2	-	16	-	-	-	-	-
Total C		9	150	16	1,072	0	85	0	2	1	-	-
D. Gulf Islands	0	6	190	15	865	1	2	6	3	1	-	-
	15	1	37	-	9	-	-	-	-	-	-	-
	30	2	67	-	-	-	-	5	-	1	-	-
Total D		9	294	15	874	1	2	11	3	2	-	-
E. Juan de Fuca Strait	0	3	21	148	709	-	-	-	2	-	-	-
	15	1	1	7	-	-	-	-	1	-	-	-
	30	1	1	2	8	-	-	-	-	-	-	-
	60	1	5	3	3	-	-	1	-	-	-	-
Total E		6	28	160	720	-	-	1	3	-	-	-
Total non-standard survey												
Total, B, C, D, E		57	799	281	4,297	234	95	17	9	4	-	-
Total - All Areas		145	2,053	2,657	13,001	254	195	51	36	17	18	-

*One set in Howe Sound/Jervis Inlet conducted at 104m head rope depth. No salmon caught. **One set in Discovery Islands (0 m) terminated due to dolphins. No data.

Table 7. Catch by set of ocean age 0+ Pacific salmon during the juvenile salmon survey in the Strait of Georgia and associated waters, September 2019. All salmon species, with the exception of Coho Salmon, were considered to be ocean age 0+ if their fork length was ≤ 35 cm. Coho Salmon with a fork length of ≤ 40 cm were considered to be ocean age 0+ in this report. The AD only and CWT columns indicate the number of Coho or Chinook salmon that were adipose-clipped with no tag recovered (*AD only*) or had a coded-wire tag recovered (*CWT*). Area codes are listed in Table 2. Sets with no catch of ocean age 0+ Pacific salmon, and sets with no usable catch data, are not shown.

Set	Standard Survey	Date	Area Code	Depth (m)	Chinook			Coho			Chum	Pink	Sockeye	Total
					Age 0+	AD only	CWT	Age 0+	AD only	CWT	Age 0+	Age 0+	Age 0+	Age 0+
1	Yes	10-Sep-2019	SOG	0	10		2	16	9	1	10	-	1	37
3	Yes	10-Sep-2019	SOG	15	1			8	3		-	-	-	9
4	Yes	10-Sep-2019	SOG	0	212	2	19	108	34	7	5310	5	20	5655
5	Yes	10-Sep-2019	SOG	30	1			1			1	-	-	3
6	Yes	10-Sep-2019	SOG	0	136		13	8		1	186	1	13	344
7	Yes	11-Sep-2019	SOG	0	34	2	1	36	11		109	-	4	183
8	Yes	11-Sep-2019	SOG	30	1			-			-	-	-	1
9	Yes	11-Sep-2019	SOG	45	8			-			-	-	-	8
10	Yes	11-Sep-2019	SOG	15	1			6	2		-	-	-	7
11	Yes	11-Sep-2019	SOG	30	1			-			-	-	-	1
12	Yes	11-Sep-2019	SOG	0	1			22	2		13	1	-	37
13	Yes	11-Sep-2019	SOG	15	1			11	1	1	8	-	-	20
14	Yes	12-Sep-2019	SOG	0	22		3	28	5	1	22	-	1	73
15	No	12-Sep-2019	SOG	15	7			3			2	-	-	12
16	No	12-Sep-2019	SOG	0	34		1	11	1		103	3	-	151
17	No	12-Sep-2019	SOG	0	15		2	3	2		195	2	-	215
18	No	12-Sep-2019	DESO	30	1			-			-	-	-	1
19	No	12-Sep-2019	DESO	15	2			-			-	-	-	2
20	No	12-Sep-2019	DESO	0	5			-			12	-	-	17
21	No	12-Sep-2019	DESO	0	6			-			30	-	3	39
22	No	12-Sep-2019	DESO	15	-			-			1	1	-	2
23	No	12-Sep-2019	DESO	0	11		1	-			10	-	1	22
24	No	13-Sep-2019	DESO	0	11			9	1		157	1	-	178

Table 7 (contd.). Catch by set of ocean age 0+ Pacific salmon during the juvenile salmon survey in the Strait of Georgia and associated waters, September 2019. All salmon species, with the exception of Coho Salmon, were considered to be ocean age 0+ if their fork length was ≤ 35 cm. Coho Salmon with a fork length of ≤ 40 cm were considered to be ocean age 0+ in this report. The AD only and CWT columns indicate the number of Coho or Chinook salmon that were adipose-clipped with no tag recovered (*AD only*) or had a coded-wire tag recovered (*CWT*). Area codes are listed in Table 2. Sets with no catch of ocean age 0+ Pacific salmon, and sets with no usable catch data, are not shown.

Set	Standard Survey	Date	Area Code	Depth (m)	Chinook			Coho			Chum	Pink	Sockeye	Total
					Age 0+	AD only	CWT	Age 0+	AD only	CWT	Age 0+	Age 0+	Age 0+	Age 0+
25	No	13-Sep-2019	DESO	15	8		1	7	2		15	-	-	30
26	No	13-Sep-2019	DESO	0	11		2	1			127	-	-	139
27	No	13-Sep-2019	DESO	0	7		1	4			107	1	1	120
29	No	13-Sep-2019	DESO	0	2			2			199	-	1	204
31	No	13-Sep-2019	DISC	0	23	1	6	4	2	1	26	19	1	73
32	No	14-Sep-2019	DISC	0	17		4	-			5	5	-	27
33	No	14-Sep-2019	DISC	15	5		2	1	1		2	-	-	8
34	No	14-Sep-2019	DISC	0	21		4	-			10	5	-	36
35	No	14-Sep-2019	DISC	0	7			5	1		251	61	-	324
36	No	14-Sep-2019	DISC	0	25		5	-			6	7	-	38
37	No	14-Sep-2019	DISC	0	38		5	-			10	26	-	74
38	No	14-Sep-2019	DISC	15	19		2	-			-	1	-	20
40	No	15-Sep-2019	SOG	0	5			13	6		233	80	1	332
41	Yes	15-Sep-2019	SOG	0	9		1	22	7		24	-	-	55
42	Yes	15-Sep-2019	SOG	15	7		1	12	6		2	-	1	22
43	Yes	15-Sep-2019	SOG	30	5			4		2	-	-	-	9
44	No	15-Sep-2019	SOG	0	4			11	4		24	16	-	55
45	No	15-Sep-2019	SOG	15	5		1	6	2		8	1	-	20
46	No	15-Sep-2019	DESO	0	4		1	8	1		31	2	-	45
47	No	15-Sep-2019	DESO	15	4			-			16	-	-	20
48	No	15-Sep-2019	DESO	0	18		1	1	1		48	2	-	69
49	No	15-Sep-2019	DESO	15	12		1	1			3	-	-	16
50	Yes	16-Sep-2019	SOG	0	11		1	70	8	6	28	1	-	110

Table 7 (contd.). Catch by set of ocean age 0+ Pacific salmon during the juvenile salmon survey in the Strait of Georgia and associated waters, September 2019. All salmon species, with the exception of Coho Salmon, were considered to be ocean age 0+ if their fork length was ≤ 35 cm. Coho Salmon with a fork length of ≤ 40 cm were considered to be ocean age 0+ in this report. The AD only and CWT columns indicate the number of Coho or Chinook salmon that were adipose-clipped with no tag recovered (*AD only*) or had a coded-wire tag recovered (*CWT*). Area codes are listed in Table 2. Sets with no catch of ocean age 0+ Pacific salmon, and sets with no usable catch data, are not shown.

Set	Standard Survey	Date	Area Code	Depth (m)	Chinook			Coho			Chum	Pink	Sockeye	Total
					Age 0+	<i>AD only</i>	<i>CWT</i>	Age 0+	<i>AD only</i>	<i>CWT</i>	Age 0+	Age 0+	Age 0+	Age 0+
51	Yes	16-Sep-2019	SOG	30	7			6	1		4	-	-	17
52	Yes	16-Sep-2019	SOG	0	3		1	28	2		121	5	-	157
53	Yes	16-Sep-2019	SOG	15	4			5			1	1	-	11
54	Yes	16-Sep-2019	SOG	60	45		2	-			-	-	-	45
55	Yes	16-Sep-2019	SOG	0	3			100	19	11	94	3	-	200
56	Yes	16-Sep-2019	SOG	15	4			39	7	4	1	-	-	44
57	Yes	16-Sep-2019	SOG	30	7			12	1		-	-	-	19
58	Yes	16-Sep-2019	SOG	15	7		1	45	20	4	-	-	-	52
59	No	17-Sep-2019	JERV	0	34	2	3	4	1		885	-	2	925
61	No	17-Sep-2019	JERV	0	25		2	4		1	69	-	-	98
63	No	17-Sep-2019	JERV	0	15		4	4			2	-	-	21
65	No	17-Sep-2019	JERV	0	9		1	3			28	-	1	41
66	Yes	18-Sep-2019	SOG	0	15	1		24	5	2	873	1	21	934
67	Yes	18-Sep-2019	SOG	30	4			1			1	-	-	6
68	Yes	18-Sep-2019	SOG	15	7	1		6	1		9	-	1	23
69	Yes	18-Sep-2019	SOG	0	17	1		11			48	-	1	77
70	Yes	18-Sep-2019	SOG	15	5		1	6			22	-	1	34
72	Yes	18-Sep-2019	SOG	30	3			-			-	-	-	3
73	Yes	18-Sep-2019	SOG	0	5		1	3	1		21	-	-	29
74	Yes	18-Sep-2019	SOG	15	2			1		1	-	-	-	3
75	Yes	19-Sep-2019	SOG	0	27			229	60	13	268	-	2	526
76	Yes	19-Sep-2019	SOG	15	3			20	3	1	2	-	-	25
77	Yes	19-Sep-2019	SOG	30	10			10	4		-	-	-	20

Table 7 (contd.). Catch by set of ocean age 0+ Pacific salmon during the juvenile salmon survey in the Strait of Georgia and associated waters, September 2019. All salmon species, with the exception of Coho Salmon, were considered to be ocean age 0+ if their fork length was ≤ 35 cm. Coho Salmon with a fork length of ≤ 40 cm were considered to be ocean age 0+ in this report. The AD only and CWT columns indicate the number of Coho or Chinook salmon that were adipose-clipped with no tag recovered (*AD only*) or had a coded-wire tag recovered (*CWT*). Area codes are listed in Table 2. Sets with no catch of ocean age 0+ Pacific salmon, and sets with no usable catch data, are not shown.

Set	Standard Survey	Date	Area Code	Depth (m)	Chinook			Coho			Chum	Pink	Sockeye	Total
					Age 0+	<i>AD only</i>	<i>CWT</i>	Age 0+	<i>AD only</i>	<i>CWT</i>	Age 0+	Age 0+	Age 0+	Age 0+
78	Yes	19-Sep-2019	SOG	15	4		1	23	2	4	4	-	-	31
79	Yes	19-Sep-2019	SOG	0	3			11	3	1	8	-	-	22
80	Yes	19-Sep-2019	SOG	30	1		1	11	3	1	2	-	-	14
81	Yes	19-Sep-2019	SOG	0	-			32	5	3	1	-	-	33
82	Yes	19-Sep-2019	SOG	45	2			4	1		-	-	-	6
83	Yes	19-Sep-2019	SOG	15	-			26	10	2	1	-	-	27
84	Yes	19-Sep-2019	SOG	30	4			6	3		-	-	-	10
85	Yes	20-Sep-2019	SOG	0	10			74	26	5	11	-	1	96
86	Yes	20-Sep-2019	SOG	30	1			-			-	-	-	1
87	Yes	20-Sep-2019	SOG	15	-			20	5	2	4	-	-	24
88	Yes	20-Sep-2019	SOG	0	17	1	1	38	11	1	93	-	2	150
89	Yes	20-Sep-2019	SOG	45	1			2		1	1	-	1	5
90	Yes	20-Sep-2019	SOG	15	-			19	6	1	-	-	-	19
91	Yes	20-Sep-2019	SOG	0	1		1	57	18	2	-	-	-	58
92	Yes	20-Sep-2019	SOG	15	2			122	36	2	3	-	-	127
93	Yes	20-Sep-2019	SOG	45	-			2			-	-	-	2
94	Yes	21-Sep-2019	SOG	0	8		1	10	2	1	3	-	-	21
95	Yes	21-Sep-2019	SOG	30	5			1			-	-	-	6
96	Yes	21-Sep-2019	SOG	15	-			5			3	-	-	8
97	Yes	21-Sep-2019	SOG	0	4			83	29	2	1	-	-	88
98	Yes	21-Sep-2019	SOG	15	1			33	8	4	-	-	-	34
99	Yes	21-Sep-2019	SOG	45	-			1			-	-	-	1
100	Yes	22-Sep-2019	SOG	0	3			426	189	19	129	-	2	560

Table 7 (contd.). Catch by set of ocean age 0+ Pacific salmon during the juvenile salmon survey in the Strait of Georgia and associated waters, September 2019. All salmon species, with the exception of Coho Salmon, were considered to be ocean age 0+ if their fork length was ≤ 35 cm. Coho Salmon with a fork length of ≤ 40 cm were considered to be ocean age 0+ in this report. The AD only and CWT columns indicate the number of Coho or Chinook salmon that were adipose-clipped with no tag recovered (*AD only*) or had a coded-wire tag recovered (*CWT*). Area codes are listed in Table 2. Sets with no catch of ocean age 0+ Pacific salmon, and sets with no usable catch data, are not shown.

Set	Standard Survey	Date	Area Code	Depth (m)	Chinook			Coho			Chum	Pink	Sockeye	Total
					Age 0+	<i>AD only</i>	<i>CWT</i>	Age 0+	<i>AD only</i>	<i>CWT</i>	Age 0+	Age 0+	Age 0+	Age 0+
101	Yes	22-Sep-2019	SOG	60	4			4	2		2	-	-	10
102	Yes	22-Sep-2019	SOG	15	-			21	6		-	-	-	21
103	Yes	22-Sep-2019	SOG	0	-			57	21	1	30	-	-	87
104	Yes	22-Sep-2019	SOG	30	1			2	1		-	-	-	3
105	Yes	22-Sep-2019	SOG	0	1			13	1		141	1	-	156
106	Yes	22-Sep-2019	SOG	15	1			5			13	-	-	19
107	Yes	23-Sep-2019	SOG	0	69	1	1	16	4	1	246	-	-	331
108	Yes	23-Sep-2019	SOG	30	8			-			-	-	-	8
109	Yes	23-Sep-2019	SOG	0	9			165	54	11	80	-	1	255
110	Yes	23-Sep-2019	SOG	15	36	1	3	109	43	5	193	-	-	338
111	Yes	23-Sep-2019	SOG	45	9			-			-	-	-	9
112	Yes	23-Sep-2019	SOG	15	28		1	6	3	1	-	-	1	35
113	Yes	24-Sep-2019	SOG	0	81	11	13	1			50	-	-	132
114	Yes	24-Sep-2019	SOG	15	6	1		-			-	-	-	6
115	Yes	24-Sep-2019	SOG	30	3			-			-	-	-	3
116	Yes	24-Sep-2019	SOG	0	-			6	1		114	-	-	120
117	Yes	24-Sep-2019	SOG	45	10		2	2			1	-	-	13
118	Yes	24-Sep-2019	SOG	15	2			17	5	2	40	-	-	59
119	Yes	24-Sep-2019	SOG	0	-			24	3	3	79	-	1	104
120	Yes	24-Sep-2019	SOG	15	4	1		1			23	-	-	28
121	Yes	24-Sep-2019	SOG	30	16	6	2	-			30	-	-	46
122	No	25-Sep-2019	JDEF	0	7	2	2	84	32	5	219	-	-	310
123	No	25-Sep-2019	JDEF	30	1	1		2		1	8	-	-	11

Table 7 (contd.). Catch by set of ocean age 0+ Pacific salmon during the juvenile salmon survey in the Strait of Georgia and associated waters, September 2019. All salmon species, with the exception of Coho Salmon, were considered to be ocean age 0+ if their fork length was ≤ 35 cm. Coho Salmon with a fork length of ≤ 40 cm were considered to be ocean age 0+ in this report. The AD only and CWT columns indicate the number of Coho or Chinook salmon that were adipose-clipped with no tag recovered (*AD only*) or had a coded-wire tag recovered (*CWT*). Area codes are listed in Table 2. Sets with no catch of ocean age 0+ Pacific salmon, and sets with no usable catch data, are not shown.

Set	Standard Survey	Date	Area Code	Depth (m)	Chinook			Coho			Chum	Pink	Sockeye	Total
					Age 0+	AD only	CWT	Age 0+	AD only	CWT	Age 0+	Age 0+	Age 0+	Age 0+
124	No	25-Sep-2019	JDEF	0	14	7	1	46	20	3	432	-	-	492
125	No	25-Sep-2019	JDEF	60	5	1		3			3	-	-	11
126	No	25-Sep-2019	JDEF	0	-			18	8	2	58	-	-	76
127	No	25-Sep-2019	JDEF	15	1			7	2		-	-	-	8
128	No	26-Sep-2019	GISL	0	32	3	4	10	3		742	1	1	786
129	No	26-Sep-2019	GISL	0	10	1	2	3	1		102	-	1	116
130	No	26-Sep-2019	GISL	15	37	3	6	-			9	-	-	46
131	No	26-Sep-2019	GISL	0	58	1	13	-			18	-	-	76
132	No	26-Sep-2019	GISL	30	33	1	4	-			-	-	-	33
133	No	26-Sep-2019	GISL	0	7		1	-			-	-	-	7
134	No	26-Sep-2019	GISL	0	61	1	9	2			3	-	-	66
135	No	26-Sep-2019	GISL	30	34	12	3	-			-	-	-	34
136	No	26-Sep-2019	GISL	0	22	1	1	-			-	-	-	22
137	Yes	27-Sep-2019	SOG	0	92	2	3	2	1		15	-	4	113
138	Yes	27-Sep-2019	SOG	15	37		1	-			-	-	1	38
139	Yes	27-Sep-2019	SOG	0	39			-			72	-	13	124
140	Yes	27-Sep-2019	SOG	30	32			-			-	-	2	34
141	No	27-Sep-2019	HOWE	0	35		1	-			67	-	22	124
142	No	27-Sep-2019	HOWE	15	13			-			2	-	16	31
143	No	27-Sep-2019	HOWE	0	19			1			19	-	44	83
144	Yes	28-Sep-2019	SOG	0	59	1	2	4	4		132	1	5	201
145	Yes	28-Sep-2019	SOG	15	1			16	6		1	-	-	18
Total					2,053	69	177	2,657	815	143	13,001	254	195	18,160

Table 8. Catch by set of ocean age 1+ Pacific salmon during the juvenile salmon survey in the Strait of Georgia and associated waters, September 2019. All salmon species, with the exception of Coho Salmon, were considered to be ocean age 0+ if their fork length was > 35 cm. Coho Salmon with a fork length of > 40 cm were considered to be ocean age 1+ in this report. The AD only and CWT columns indicate the number of Coho or Chinook salmon that were adipose-clipped with no tag recovered (*AD only*) or had a coded-wire tag recovered (*CWT*). Area codes are listed in Table 2. Sets with no catch of ocean age 0+ Pacific salmon, and sets with no usable catch data, are not shown.

Set	Standard Survey	Date	Area Code	Depth (m)	Chinook			Coho			Chum	Pink	Total
					Age 1+	<i>AD only</i>	<i>CWT</i>	Age 1+	<i>AD only</i>	<i>CWT</i>	Age 1+	Age 1+	Age 1+
1	Yes	10-Sep-2019	SOG	0	1	1		1			-	-	2
4	Yes	10-Sep-2019	SOG	0	5	1	1	2			1	10	18
6	Yes	10-Sep-2019	SOG	0	1			2		1	1	8	12
11	Yes	11-Sep-2019	SOG	30	-			1	1		-	-	1
12	Yes	11-Sep-2019	SOG	0	-			1	1		-	-	1
13	Yes	11-Sep-2019	SOG	15	-			-			1	-	1
14	Yes	12-Sep-2019	SOG	0	2			1			-	-	3
23	No	12-Sep-2019	DESO	0	1			-			-	-	1
24	No	13-Sep-2019	DESO	0	1			-			1	-	2
27	No	13-Sep-2019	DESO	0	1			-			-	-	1
38	No	14-Sep-2019	DISC	15	-			1			-	-	1
41	Yes	15-Sep-2019	SOG	0	1			1			-	-	2
42	Yes	15-Sep-2019	SOG	15	2	1		-			-	-	2
43	Yes	15-Sep-2019	SOG	30	3	1	1	-			-	-	3
46	No	15-Sep-2019	DESO	0	1			-			-	-	1
48	No	15-Sep-2019	DESO	0	1			-			-	-	1
50	Yes	16-Sep-2019	SOG	0	4			1	1		-	-	5
54	Yes	16-Sep-2019	SOG	60	2			-			-	-	2
59	No	17-Sep-2019	JERV	0	-			-			1	-	1
63	No	17-Sep-2019	JERV	0	-			1			-	-	1
66	Yes	18-Sep-2019	SOG	0	-			-			1	-	1
67	Yes	18-Sep-2019	SOG	30	1			-			-	-	1
69	Yes	18-Sep-2019	SOG	0	3	1	1	-			-	-	3

Table 8 (contd.). Catch by set of ocean age 1+ Pacific salmon during the juvenile salmon survey in the Strait of Georgia and associated waters, September 2019. All salmon species, with the exception of Coho Salmon, were considered to be ocean age 0+ if their fork length was > 35 cm. Coho Salmon with a fork length of > 40 cm were considered to be ocean age 1+ in this report. The AD only and CWT columns indicate the number of Coho or Chinook salmon that were adipose-clipped with no tag recovered (*AD only*) or had a coded-wire tag recovered (*CWT*). Area codes are listed in Table 2. Sets with no catch of ocean age 0+ Pacific salmon, and sets with no usable catch data, are not shown.

Set	Standard Survey	Date	Area Code	Depth (m)	Chinook			Coho			Chum	Pink	Total
					Age 1+	<i>AD only</i>	<i>CWT</i>	Age 1+	<i>AD only</i>	<i>CWT</i>	Age 1+	Age 1+	Age 1+
75	Yes	19-Sep-2019	SOG	0	1			3			-	-	4
77	Yes	19-Sep-2019	SOG	30	-			1			-	-	1
79	Yes	19-Sep-2019	SOG	0	1			1			-	-	2
80	Yes	19-Sep-2019	SOG	30	1			-			-	-	1
85	Yes	20-Sep-2019	SOG	0	-			-			1	-	1
88	Yes	20-Sep-2019	SOG	0	1		1	1			-	-	2
91	Yes	20-Sep-2019	SOG	0	-			1			-	-	1
93	Yes	20-Sep-2019	SOG	45	1			-			1	-	2
100	Yes	22-Sep-2019	SOG	0	1			1		1	1	-	3
101	Yes	22-Sep-2019	SOG	60	2	1		-			-	-	2
104	Yes	22-Sep-2019	SOG	30	-			-			2	-	2
107	Yes	23-Sep-2019	SOG	0	-			-			2	-	2
109	Yes	23-Sep-2019	SOG	0	1			2	1		-	-	3
113	Yes	24-Sep-2019	SOG	0	-			3			1	-	4
117	Yes	24-Sep-2019	SOG	45	-			1			-	-	1
124	No	25-Sep-2019	JDEF	0	-			1	1		-	-	1
125	No	25-Sep-2019	JDEF	60	1	1		-			-	-	1
126	No	25-Sep-2019	JDEF	0	-			1			-	-	1
127	No	25-Sep-2019	JDEF	15	-			1			-	-	1
128	No	26-Sep-2019	GISL	0	-			2			1	-	3
131	No	26-Sep-2019	GISL	0	1		1	1	1		-	-	2
134	No	26-Sep-2019	GISL	0	2		1	-			-	-	2
135	No	26-Sep-2019	GISL	30	5	2		-			1	-	6

Table 8 (contd.). Catch by set of ocean age 1+ Pacific salmon during the juvenile salmon survey in the Strait of Georgia and associated waters, September 2019. All salmon species, with the exception of Coho Salmon, were considered to be ocean age 0+ if their fork length was > 35 cm. Coho Salmon with a fork length of > 40 cm were considered to be ocean age 1+ in this report. The AD only and CWT columns indicate the number of Coho or Chinook salmon that were adipose-clipped with no tag recovered (*AD only*) or had a coded-wire tag recovered (*CWT*). Area codes are listed in Table 2. Sets with no catch of ocean age 0+ Pacific salmon, and sets with no usable catch data, are not shown.

Set	Standard Survey	Date	Area Code	Depth (m)	Chinook			Coho			Chum	Pink	Total
					Age 1+	<i>AD only</i>	<i>CWT</i>	Age 1+	<i>AD only</i>	<i>CWT</i>	Age 1+	Age 1+	Age 1+
136	No	26-Sep-2019	GISL	0	3	2		-			-	-	3
137	Yes	27-Sep-2019	SOG	0	-			1			-	-	1
139	Yes	27-Sep-2019	SOG	0	-			1			-	-	1
141	No	27-Sep-2019	HOWE	0	-			1			-	-	1
144	Yes	28-Sep-2019	SOG	0	-			1			1	-	2
Total					51	11	6	36	6	2	17	18	122

Table 9. Common and Latin names of fish and other species groups captured during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. Species present in the standard survey are noted.

Common Name	Scientific Name	Family	Present in Standard Survey
American Shad	<i>Alosa sapidissima</i>	Clupeidae	
Bay Pipefish	<i>Syngnathus griseolineatus</i>	Syngnathidae	Yes
Chinook Salmon	<i>Oncorhynchus tshawytscha</i>	Salmonidae	Yes
Chum Salmon	<i>Oncorhynchus keta</i>	Salmonidae	Yes
Coho Salmon	<i>Oncorhynchus kisutch</i>	Salmonidae	Yes
Jellyfish - Fried Egg	<i>Phacellophora camtschatica</i>	Phacellophoridae	Yes
Glass Shrimp	<i>Pasiphaea pacifica</i>	Palaemonidae	
Jellyfish - Lion's Mane	<i>Cyanea capillata</i>	Cyaneidae	Yes
Jellyfish - Moon	<i>Aurelia aurita</i>	Ulmaridae	Yes
Jellyfish - Water	<i>Aequorea spp.</i>	Aequoreidae	Yes
Northern Anchovy	<i>Engraulis mordax</i>	Engraulidae	
Northern Spearnose Poacher	<i>Agonopsis vulsa</i>	Agonidae	
Pacific Hake	<i>Merluccius productus</i>	Merlucciidae	Yes
Pacific Herring	<i>Clupea pallasii</i>	Clupeidae	Yes
Pacific Sand Lance	<i>Ammodytes hexapterus</i>	Ammodytidae	
Pacific Spiny Dogfish	<i>Squalus suckleyi</i>	Squalidae	Yes
Pink Salmon	<i>Oncorhynchus gorbuscha</i>	Salmonidae	Yes
Shiner Perch	<i>Cymatogaster aggregata</i>	Embiotocidae	Yes
Sockeye Salmon	<i>Oncorhynchus nerka</i>	Salmonidae	Yes
Opalescent Inshore Squid	<i>Doryteuthis opalescens</i>	Loliginidae	Yes
Steller Sea Lion	<i>Eumetopias jubatus</i>	Otariidae	
Threespine Stickleback	<i>Gasterosteus aculeatus</i>	Gasterosteidae	Yes
Unidentified larval/juvenile fish			Yes
Walleye Pollock	<i>Gadus chalcogramma</i>	Gadidae	Yes
Western River Lamprey	<i>Lampetra ayresii</i>	Petromyzontidae	Yes
Wolf Eel	<i>Anarrhichthys ocellatus</i>	Anarrhichadidae	Yes

Table 10. Summary of the bycatch by standard survey and sub-regions of the non-standard survey in the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. Pacific Herring, Pacific Hake and Walleye Pollock, listed at the top of the table, are identified as either young-of-year (YOY) or older age groups based on length. The remaining species or groups are listed first in order of catch numbers in the standard survey and then by order of catch numbers in the total survey. Species that were measured by volume or presence/absence are listed at bottom of the table. A dash indicates no catch or volume estimate.

Species Common Name	Age	SOG - Standard Survey	DISC/DESO – Non- standard Survey	HOWE/JERV – Non- standard Survey	GISL – Non- standard Survey	JDEF – Non- standard Survey	Total
Pacific Herring	1+	534	14	7	1	603	1,159
	YOY	148	13,290	2	3,620	11	17,071
Pacific Hake	1+	57	1	-	-	-	58
	YOY	-	-	22	-	-	22
Walleye Pollock	1+	-	-	-	-	40	40
	YOY	-	-	-	-	-	-
Opalescent Inshore Squid		470	17	45	161	28	721
Pacific Spiny Dogfish		210	7	-	-	-	217
Threespine Stickleback		42	-	38,251	-	-	38,293
Western River Lamprey		13	4	1	-	-	18
Bay Pipefish		1	3	-	-	-	4
Shiner Perch		1	-	-	-	-	1
Unidentified juvenile/larval fish		1	-	-	-	1	2
Wolf Eel		1	1	-	-	-	2
American Shad		-	-	-	-	1	1
Glass Shrimp		-	-	1	-	-	1
Northern Anchovy		-	50,400	170,061	-	-	220,461
Northern Spearnose Poacher		-	-	1	-	-	1
Pacific Sand Lance		-	-	-	1	-	1
Steller Sea Lion		-	-	1	1	-	2
Lion's Mane**		Low* (0.50 L/set)	Medium* (2.80 L/set)	-	Medium (8.75 L/set)	-	-
Fried Egg Jellyfish*		Medium* (1.10 L/set)	-	Low (0.2 L/set)	Low (1.25 L/set)	Trace (< 0.10 L/set)	-
Water Jellyfish*		Medium (1.50 L/set)	Low (0.70 L/set)	Low (0.6 L/set)	Very High (109.1 L/set)	Low (0.10 L/set)	-
Moon Jelly*		Low* (0.40 L/set)	Low (0.70 L/set)	Medium (4.0 L/set)	Medium (6.54 L/set)	Trace (< 0.10 L/set)	-
Total Catch		1,478	63,737	208,391	3,784	684	278,075

* Volume estimates only: Trace = < than 100.00 ml, Low = >100.00 ml to 1 L, Medium = > 1.00 L to 10.00 L, High = > 10.00 L – 25.00 L, Very High = > 25.00 L. Totals are not provided for volume estimates.

**Individual counts available in addition to volumes (Appendix 2).

Table 11. Total catch of non-salmon species by set number during the September 2019 survey. Table is sorted alphabetically by species common name and by set number. Age estimates (YOY or age 1+) are provided for Pacific Herring, Walleye Pollock and Pacific Hake and are based on length. The Comments column provides information on additional sampling or information associated with the catch. Dash indicates no data.

Set Number	Standard Survey	Date	Area Code	Depth	Species Common Name	Age	Count	Volume (L)	Comment
125	No	25-Sep-2019	JDEF	60	American Shad		1	-	
16	No	12-Sep-2019	SOG	0	Bay Pipefish		1	-	
26	No	13-Sep-2019	DESO	0	Bay Pipefish		1	-	
43	Yes	15-Sep-2019	SOG	30	Bay Pipefish		1	-	
45	No	15-Sep-2019	SOG	15	Bay Pipefish		1	-	
62	No	17-Sep-2019	JERV	15	Glass Shrimp		1	-	
1	Yes	10-Sep-2019	SOG	0	Jellyfish - Fried Egg		1	1.00	
2	Yes	10-Sep-2019	SOG	30	Jellyfish - Fried Egg		-	3.00	
5	Yes	10-Sep-2019	SOG	30	Jellyfish - Fried Egg		-	0.25	
12	Yes	11-Sep-2019	SOG	0	Jellyfish - Fried Egg		-	0.70	
13	Yes	11-Sep-2019	SOG	15	Jellyfish - Fried Egg		-	0.15	
68	Yes	18-Sep-2019	SOG	15	Jellyfish - Fried Egg		-	0.20	
73	Yes	18-Sep-2019	SOG	0	Jellyfish - Fried Egg		-	1.70	
96	Yes	21-Sep-2019	SOG	15	Jellyfish - Fried Egg		-	2.50	
97	Yes	21-Sep-2019	SOG	0	Jellyfish - Fried Egg		-	0.50	
122	No	25-Sep-2019	JDEF	0	Jellyfish - Fried Egg		-	0.00	
129	No	26-Sep-2019	GISL	0	Jellyfish - Fried Egg		-	0.50	
130	No	26-Sep-2019	GISL	15	Jellyfish - Fried Egg		-	2.00	
143	No	27-Sep-2019	HOWE	0	Jellyfish - Fried Egg		-	0.20	
8	Yes	11-Sep-2019	SOG	30	Jellyfish – Lion’s Mane		-	0.10	
12	Yes	11-Sep-2019	SOG	0	Jellyfish – Lion’s Ma		1	0.50	
13	Yes	11-Sep-2019	SOG	15	Jellyfish – Lion’s Ma		-	1.25	
22	No	12-Sep-2019	DESO	15	Jellyfish – Lion’s Ma		-	0.05	
29	No	13-Sep-2019	DESO	0	Jellyfish – Lion’s Ma		-	0.50	
35	No	14-Sep-2019	DISC	0	Jellyfish – Lion’s Ma		1	8.00	

Table 11 (contd.). Total catch of non-salmon species by set number during the September 2019 survey. Table is sorted alphabetically by species common name and by set number. Age estimates (YOY or age 1+) are provided for Pacific Herring, Walleye Pollock and Pacific Hake and are based on length. The Comments column provides information on additional sampling or information associated with the catch. Dash indicates no data.

Set Number	Standard Survey	Date	Area Code	Depth	Species Common Name	Age	Count	Volume (L)	Comment
36	No	14-Sep-2019	DISC	0	Jellyfish – Lion’s Ma		1	2.50	
133	No	26-Sep-2019	GISL	0	Jellyfish – Lion’s Ma		-	2.50	
136	No	26-Sep-2019	GISL	0	Jellyfish – Lion’s Ma		-	15.00	
145	Yes	28-Sep-2019	SOG	15	Jellyfish – Lion’s Ma		1	0.10	
12	Yes	11-Sep-2019	SOG	0	Jellyfish - Moon		-	0.10	
13	Yes	11-Sep-2019	SOG	15	Jellyfish - Moon		-	0.10	
15	No	12-Sep-2019	SOG	15	Jellyfish - Moon		-	1.50	
16	No	12-Sep-2019	SOG	0	Jellyfish - Moon		-	1.50	
17	No	12-Sep-2019	SOG	0	Jellyfish - Moon		-	0.20	
20	No	12-Sep-2019	DESO	0	Jellyfish - Moon		-	0.10	
21	No	12-Sep-2019	DESO	0	Jellyfish - Moon		-	0.30	
25	No	13-Sep-2019	DESO	15	Jellyfish - Moon		-	0.50	
27	No	13-Sep-2019	DESO	0	Jellyfish - Moon		-	0.50	
47	No	15-Sep-2019	DESO	15	Jellyfish - Moon		-	1.30	
48	No	15-Sep-2019	DESO	0	Jellyfish - Moon		-	1.00	
49	No	15-Sep-2019	DESO	15	Jellyfish - Moon		-	0.50	
53	Yes	16-Sep-2019	SOG	15	Jellyfish - Moon		-	0.50	
56	Yes	16-Sep-2019	SOG	15	Jellyfish - Moon		-	0.10	
59	No	17-Sep-2019	JERV	0	Jellyfish - Moon		-	2.50	
60	No	17-Sep-2019	JERV	0	Jellyfish - Moon		-	2.00	
61	No	17-Sep-2019	JERV	0	Jellyfish - Moon		-	5.00	
63	No	17-Sep-2019	JERV	0	Jellyfish - Moon		-	10.00	
66	Yes	18-Sep-2019	SOG	0	Jellyfish - Moon		-	0.05	
69	Yes	18-Sep-2019	SOG	0	Jellyfish - Moon		1	0.13	
75	Yes	19-Sep-2019	SOG	0	Jellyfish - Moon		-	0.80	

Table 11 (contd.). Total catch of non-salmon species by set number during the September 2019 survey. Table is sorted alphabetically by species common name and by set number. Age estimates (YOY or age 1+) are provided for Pacific Herring, Walleye Pollock and Pacific Hake and are based on length. The Comments column provides information on additional sampling or information associated with the catch. Dash indicates no data.

Set Number	Standard Survey	Date	Area Code	Depth	Species Common Name	Age	Count	Volume (L)	Comment
78	Yes	19-Sep-2019	SOG	15	Jellyfish - Moon		-	0.50	
89	Yes	20-Sep-2019	SOG	45	Jellyfish - Moon		-	1.50	
94	Yes	21-Sep-2019	SOG	0	Jellyfish - Moon		-	1.00	
95	Yes	21-Sep-2019	SOG	30	Jellyfish - Moon		-	0.50	
97	Yes	21-Sep-2019	SOG	0	Jellyfish - Moon		1	0.10	
108	Yes	23-Sep-2019	SOG	30	Jellyfish - Moon		2	0.25	
116	Yes	24-Sep-2019	SOG	0	Jellyfish - Moon		1	0.10	
119	Yes	24-Sep-2019	SOG	0	Jellyfish - Moon		1	0.05	
124	No	25-Sep-2019	JDEF	0	Jellyfish - Moon		-	0.12	
129	No	26-Sep-2019	GISL	0	Jellyfish - Moon		-	0.20	
130	No	26-Sep-2019	GISL	15	Jellyfish - Moon		-	5.00	
131	No	26-Sep-2019	GISL	0	Jellyfish - Moon		-	20.00	
132	No	26-Sep-2019	GISL	30	Jellyfish - Moon		-	3.50	
133	No	26-Sep-2019	GISL	0	Jellyfish - Moon		-	4.00	
143	No	27-Sep-2019	HOWE	0	Jellyfish - Moon		-	0.50	
145	Yes	28-Sep-2019	SOG	15	Jellyfish - Moon		-	0.05	
1	Yes	10-Sep-2019	SOG	0	Jellyfish - Water		-	0.50	
2	Yes	10-Sep-2019	SOG	30	Jellyfish - Water		-	0.30	
3	Yes	10-Sep-2019	SOG	15	Jellyfish - Water		-	0.70	
5	Yes	10-Sep-2019	SOG	30	Jellyfish - Water		-	0.25	
6	Yes	10-Sep-2019	SOG	0	Jellyfish - Water		-	1.00	
7	Yes	11-Sep-2019	SOG	0	Jellyfish - Water		-	0.50	
8	Yes	11-Sep-2019	SOG	30	Jellyfish - Water		-	0.50	
10	Yes	11-Sep-2019	SOG	15	Jellyfish - Water		-	0.70	
12	Yes	11-Sep-2019	SOG	0	Jellyfish - Water		-	0.20	

Table 11 (contd.). Total catch of non-salmon species by set number during the September 2019 survey. Table is sorted alphabetically by species common name and by set number. Age estimates (YOY or age 1+) are provided for Pacific Herring, Walleye Pollock and Pacific Hake and are based on length. The Comments column provides information on additional sampling or information associated with the catch. Dash indicates no data.

Set Number	Standard Survey	Date	Area Code	Depth	Species Common Name	Age	Count	Volume (L)	Comment
13	Yes	11-Sep-2019	SOG	15	Jellyfish - Water		-	0.50	
14	Yes	12-Sep-2019	SOG	0	Jellyfish - Water		-	1.00	
15	No	12-Sep-2019	SOG	15	Jellyfish - Water		-	0.10	
16	No	12-Sep-2019	SOG	0	Jellyfish - Water		-	0.50	
20	No	12-Sep-2019	DESO	0	Jellyfish - Water		-	0.05	
21	No	12-Sep-2019	DESO	0	Jellyfish - Water		-	0.10	
23	No	12-Sep-2019	DESO	0	Jellyfish - Water		-	2.00	
25	No	13-Sep-2019	DESO	15	Jellyfish - Water		-	0.50	
27	No	13-Sep-2019	DESO	0	Jellyfish - Water		-	0.50	
28	No	13-Sep-2019	DESO	15	Jellyfish - Water		-	0.05	
29	No	13-Sep-2019	DESO	0	Jellyfish - Water		-	0.05	
31	No	13-Sep-2019	DISC	0	Jellyfish - Water		-	1.60	
32	No	14-Sep-2019	DISC	0	Jellyfish - Water		-	0.40	
33	No	14-Sep-2019	DISC	15	Jellyfish - Water		-	0.20	
34	No	14-Sep-2019	DISC	0	Jellyfish - Water		-	0.40	
36	No	14-Sep-2019	DISC	0	Jellyfish - Water		-	1.00	
37	No	14-Sep-2019	DISC	0	Jellyfish - Water		-	1.50	
38	No	14-Sep-2019	DISC	15	Jellyfish - Water		-	1.50	
41	Yes	15-Sep-2019	SOG	0	Jellyfish - Water		-	1.50	
42	Yes	15-Sep-2019	SOG	15	Jellyfish - Water		-	0.30	
45	No	15-Sep-2019	SOG	15	Jellyfish - Water		-	0.10	
46	No	15-Sep-2019	DESO	0	Jellyfish - Water		-	1.00	
48	No	15-Sep-2019	DESO	0	Jellyfish - Water		-	1.00	
49	No	15-Sep-2019	DESO	15	Jellyfish - Water		-	0.20	
50	Yes	16-Sep-2019	SOG	0	Jellyfish - Water		-	2.00	

Table 11 (contd.). Total catch of non-salmon species by set number during the September 2019 survey. Table is sorted alphabetically by species common name and by set number. Age estimates (YOY or age 1+) are provided for Pacific Herring, Walleye Pollock and Pacific Hake and are based on length. The Comments column provides information on additional sampling or information associated with the catch. Dash indicates no data.

Set Number	Standard Survey	Date	Area Code	Depth	Species Common Name	Age	Count	Volume (L)	Comment
51	Yes	16-Sep-2019	SOG	30	Jellyfish - Water		-	0.10	
52	Yes	16-Sep-2019	SOG	0	Jellyfish - Water		-	0.10	
53	Yes	16-Sep-2019	SOG	15	Jellyfish - Water		-	0.30	
56	Yes	16-Sep-2019	SOG	15	Jellyfish - Water		-	0.50	
57	Yes	16-Sep-2019	SOG	30	Jellyfish - Water		-	0.50	
58	Yes	16-Sep-2019	SOG	15	Jellyfish - Water		-	0.40	
59	No	17-Sep-2019	JERV	0	Jellyfish - Water		-	0.10	
60	No	17-Sep-2019	JERV	0	Jellyfish - Water		-	0.50	
61	No	17-Sep-2019	JERV	0	Jellyfish - Water		-	1.50	
62	No	17-Sep-2019	JERV	15	Jellyfish - Water		-	0.10	
63	No	17-Sep-2019	JERV	0	Jellyfish - Water		-	0.10	
68	Yes	18-Sep-2019	SOG	15	Jellyfish - Water		-	0.22	
69	Yes	18-Sep-2019	SOG	0	Jellyfish - Water		-	1.50	
70	Yes	18-Sep-2019	SOG	15	Jellyfish - Water		-	2.50	
71	Yes	18-Sep-2019	SOG	60	Jellyfish - Water		-	0.40	
72	Yes	18-Sep-2019	SOG	30	Jellyfish - Water		-	0.80	
73	Yes	18-Sep-2019	SOG	0	Jellyfish - Water		-	2.00	
74	Yes	18-Sep-2019	SOG	15	Jellyfish - Water		-	1.00	
76	Yes	19-Sep-2019	SOG	15	Jellyfish - Water		-	0.20	
77	Yes	19-Sep-2019	SOG	30	Jellyfish - Water		-	0.20	
78	Yes	19-Sep-2019	SOG	15	Jellyfish - Water		-	0.30	
79	Yes	19-Sep-2019	SOG	0	Jellyfish - Water		-	0.20	
80	Yes	19-Sep-2019	SOG	30	Jellyfish - Water		-	0.05	
81	Yes	19-Sep-2019	SOG	0	Jellyfish - Water		-	1.00	
82	Yes	19-Sep-2019	SOG	45	Jellyfish - Water		-	0.10	

Table 11 (contd.). Total catch of non-salmon species by set number during the September 2019 survey. Table is sorted alphabetically by species common name and by set number. Age estimates (YOY or age 1+) are provided for Pacific Herring, Walleye Pollock and Pacific Hake and are based on length. The Comments column provides information on additional sampling or information associated with the catch. Dash indicates no data.

Set Number	Standard Survey	Date	Area Code	Depth	Species Common Name	Age	Count	Volume (L)	Comment
83	Yes	19-Sep-2019	SOG	15	Jellyfish - Water		-	0.50	
84	Yes	19-Sep-2019	SOG	30	Jellyfish - Water		-	0.40	
85	Yes	20-Sep-2019	SOG	0	Jellyfish - Water		-	0.25	
87	Yes	20-Sep-2019	SOG	15	Jellyfish - Water		-	0.40	
88	Yes	20-Sep-2019	SOG	0	Jellyfish - Water		-	1.50	
89	Yes	20-Sep-2019	SOG	45	Jellyfish - Water		-	0.30	
90	Yes	20-Sep-2019	SOG	15	Jellyfish - Water		-	1.60	
91	Yes	20-Sep-2019	SOG	0	Jellyfish - Water		-	0.75	
92	Yes	20-Sep-2019	SOG	15	Jellyfish - Water		-	1.00	
93	Yes	20-Sep-2019	SOG	45	Jellyfish - Water		-	0.50	
94	Yes	21-Sep-2019	SOG	0	Jellyfish - Water		-	7.00	
95	Yes	21-Sep-2019	SOG	30	Jellyfish - Water		-	3.00	
96	Yes	21-Sep-2019	SOG	15	Jellyfish - Water		-	1.50	
97	Yes	21-Sep-2019	SOG	0	Jellyfish - Water		-	20.00	
98	Yes	21-Sep-2019	SOG	15	Jellyfish - Water		-	1.00	
99	Yes	21-Sep-2019	SOG	45	Jellyfish - Water		-	0.30	
101	Yes	22-Sep-2019	SOG	60	Jellyfish - Water		-	0.50	
102	Yes	22-Sep-2019	SOG	15	Jellyfish - Water		-	0.50	
103	Yes	22-Sep-2019	SOG	0	Jellyfish - Water		-	0.80	
104	Yes	22-Sep-2019	SOG	30	Jellyfish - Water		-	0.15	
105	Yes	22-Sep-2019	SOG	0	Jellyfish - Water		-	1.25	
106	Yes	22-Sep-2019	SOG	15	Jellyfish - Water		-	0.70	
108	Yes	23-Sep-2019	SOG	30	Jellyfish - Water		-	0.50	
109	Yes	23-Sep-2019	SOG	0	Jellyfish - Water		-	2.00	
110	Yes	23-Sep-2019	SOG	15	Jellyfish - Water		-	16.00	

Table 11 (contd.). Total catch of non-salmon species by set number during the September 2019 survey. Table is sorted alphabetically by species common name and by set number. Age estimates (YOY or age 1+) are provided for Pacific Herring, Walleye Pollock and Pacific Hake and are based on length. The Comments column provides information on additional sampling or information associated with the catch. Dash indicates no data.

Set Number	Standard Survey	Date	Area Code	Depth	Species Common Name	Age	Count	Volume (L)	Comment
111	Yes	23-Sep-2019	SOG	45	Jellyfish - Water		-	1.00	
112	Yes	23-Sep-2019	SOG	15	Jellyfish - Water		-	1.60	
113	Yes	24-Sep-2019	SOG	0	Jellyfish - Water		-	0.50	
114	Yes	24-Sep-2019	SOG	15	Jellyfish - Water		-	0.10	
115	Yes	24-Sep-2019	SOG	30	Jellyfish - Water		-	1.00	
116	Yes	24-Sep-2019	SOG	0	Jellyfish - Water		-	8.50	
117	Yes	24-Sep-2019	SOG	45	Jellyfish - Water		-	5.00	
118	Yes	24-Sep-2019	SOG	15	Jellyfish - Water		-	3.00	
119	Yes	24-Sep-2019	SOG	0	Jellyfish - Water		-	0.35	
120	Yes	24-Sep-2019	SOG	15	Jellyfish - Water		-	0.45	
121	Yes	24-Sep-2019	SOG	30	Jellyfish - Water		-	0.10	
122	No	25-Sep-2019	JDEF	0	Jellyfish - Water		-	0.05	
123	No	25-Sep-2019	JDEF	30	Jellyfish - Water		-	0.05	
129	No	26-Sep-2019	GISL	0	Jellyfish - Water		-	0.30	
130	No	26-Sep-2019	GISL	15	Jellyfish - Water		-	4.00	
131	No	26-Sep-2019	GISL	0	Jellyfish - Water		-	25.00	
132	No	26-Sep-2019	GISL	30	Jellyfish - Water		-	20.00	
133	No	26-Sep-2019	GISL	0	Jellyfish - Water		-	5.00	
136	No	26-Sep-2019	GISL	0	Jellyfish - Water		-	600.00	
139	Yes	27-Sep-2019	SOG	0	Jellyfish - Water		-	0.35	
140	Yes	27-Sep-2019	SOG	30	Jellyfish - Water		-	0.60	
141	No	27-Sep-2019	HOWE	0	Jellyfish - Water		-	0.50	
142	No	27-Sep-2019	HOWE	15	Jellyfish - Water		-	1.00	
143	No	27-Sep-2019	HOWE	0	Jellyfish - Water		-	1.00	
144	Yes	28-Sep-2019	SOG	0	Jellyfish - Water		-	0.25	

Table 11 (contd.). Total catch of non-salmon species by set number during the September 2019 survey. Table is sorted alphabetically by species common name and by set number. Age estimates (YOY or age 1+) are provided for Pacific Herring, Walleye Pollock and Pacific Hake and are based on length. The Comments column provides information on additional sampling or information associated with the catch. Dash indicates no data.

Set Number	Standard Survey	Date	Area Code	Depth	Species Common Name	Age	Count	Volume (L)	Comment
145	Yes	28-Sep-2019	SOG	15	Jellyfish - Water		-	0.90	
23	No	12-Sep-2019	DESO	0	Northern Anchovy		50,400	-	
65	No	17-Sep-2019	JERV	0	Northern Anchovy		170,060	-	
143	No	27-Sep-2019	HOWE	0	Northern Anchovy		1	-	
64	No	17-Sep-2019	JERV	104	Northern Spearnose Poacher		1	-	
1	Yes	10-Sep-2019	SOG	0	Opalescent Inshore Squid		2	-	
14	Yes	12-Sep-2019	SOG	0	Opalescent Inshore Squid		360	-	
16	No	12-Sep-2019	SOG	0	Opalescent Inshore Squid		2	-	
17	No	12-Sep-2019	SOG	0	Opalescent Inshore Squid		2	-	
18	No	12-Sep-2019	DESO	30	Opalescent Inshore Squid		7	-	
21	No	12-Sep-2019	DESO	0	Opalescent Inshore Squid		1	-	
24	No	13-Sep-2019	DESO	0	Opalescent Inshore Squid		1	-	
25	No	13-Sep-2019	DESO	15	Opalescent Inshore Squid		1	-	
27	No	13-Sep-2019	DESO	0	Opalescent Inshore Squid		3	-	
51	Yes	16-Sep-2019	SOG	30	Opalescent Inshore Squid		1	-	
59	No	17-Sep-2019	JERV	0	Opalescent Inshore Squid		3	-	
61	No	17-Sep-2019	JERV	0	Opalescent Inshore Squid		7	-	
62	No	17-Sep-2019	JERV	15	Opalescent Inshore Squid		4	-	
63	No	17-Sep-2019	JERV	0	Opalescent Inshore Squid		1	-	
64	No	17-Sep-2019	JERV	104	Opalescent Inshore Squid		29	-	
67	Yes	18-Sep-2019	SOG	30	Opalescent Inshore Squid		5	-	
71	Yes	18-Sep-2019	SOG	60	Opalescent Inshore Squid		1	-	
73	Yes	18-Sep-2019	SOG	0	Opalescent Inshore Squid		1	-	
80	Yes	19-Sep-2019	SOG	30	Opalescent Inshore Squid		3	-	
86	Yes	20-Sep-2019	SOG	30	Opalescent Inshore Squid		3	-	

Table 11 (contd.). Total catch of non-salmon species by set number during the September 2019 survey. Table is sorted alphabetically by species common name and by set number. Age estimates (YOY or age 1+) are provided for Pacific Herring, Walleye Pollock and Pacific Hake and are based on length. The Comments column provides information on additional sampling or information associated with the catch. Dash indicates no data.

Set Number	Standard Survey	Date	Area Code	Depth	Species Common Name	Age	Count	Volume (L)	Comment
93	Yes	20-Sep-2019	SOG	45	Opalescent Inshore Squid		7	-	
95	Yes	21-Sep-2019	SOG	30	Opalescent Inshore Squid		5	-	
96	Yes	21-Sep-2019	SOG	15	Opalescent Inshore Squid		4	-	
101	Yes	22-Sep-2019	SOG	60	Opalescent Inshore Squid		3	-	
104	Yes	22-Sep-2019	SOG	30	Opalescent Inshore Squid		5	-	
106	Yes	22-Sep-2019	SOG	15	Opalescent Inshore Squid		2	-	
107	Yes	23-Sep-2019	SOG	0	Opalescent Inshore Squid		61	-	
110	Yes	23-Sep-2019	SOG	15	Opalescent Inshore Squid		2	-	
111	Yes	23-Sep-2019	SOG	45	Opalescent Inshore Squid		1	-	
113	Yes	24-Sep-2019	SOG	0	Opalescent Inshore Squid		3	-	
115	Yes	24-Sep-2019	SOG	30	Opalescent Inshore Squid		1	-	
125	No	25-Sep-2019	JDEF	60	Opalescent Inshore Squid		28	-	
129	No	26-Sep-2019	GISL	0	Opalescent Inshore Squid		2	-	
130	No	26-Sep-2019	GISL	15	Opalescent Inshore Squid		5	-	
132	No	26-Sep-2019	GISL	30	Opalescent Inshore Squid		43	-	
133	No	26-Sep-2019	GISL	0	Opalescent Inshore Squid		4	-	
134	No	26-Sep-2019	GISL	0	Opalescent Inshore Squid		2	-	
135	No	26-Sep-2019	GISL	30	Opalescent Inshore Squid		80	-	
136	No	26-Sep-2019	GISL	0	Opalescent Inshore Squid		25	-	
142	No	27-Sep-2019	HOWE	15	Opalescent Inshore Squid		1	-	
25	No	13-Sep-2019	DESO	15	Pacific Hake	1+	1	-	
54	Yes	16-Sep-2019	SOG	60	Pacific Hake	1+	55	-	diets (20)
64	No	17-Sep-2019	JERV	104	Pacific Hake	YOY	22	-	
68	Yes	18-Sep-2019	SOG	15	Pacific Hake	1+	1	-	
74	Yes	18-Sep-2019	SOG	15	Pacific Hake	1+	1	-	

Table 11 (contd.). Total catch of non-salmon species by set number during the September 2019 survey. Table is sorted alphabetically by species common name and by set number. Age estimates (YOY or age 1+) are provided for Pacific Herring, Walleye Pollock and Pacific Hake and are based on length. The Comments column provides information on additional sampling or information associated with the catch. Dash indicates no data.

Set Number	Standard Survey	Date	Area Code	Depth	Species Common Name	Age	Count	Volume (L)	Comment
1	Yes	10-Sep-2019	SOG	0	Pacific Herring	1+	1	-	
19	No	12-Sep-2019	DESO	15	Pacific Herring	YOY	852	-	
21	No	12-Sep-2019	DESO	0	Pacific Herring	YOY	1	-	
24	No	13-Sep-2019	DESO	0	Pacific Herring	YOY	417	-	
24	No	13-Sep-2019	DESO	0	Pacific Herring	1+	9	-	
26	No	13-Sep-2019	DESO	0	Pacific Herring	YOY	6,273	-	
29	No	13-Sep-2019	DESO	0	Pacific Herring	YOY	5,490	-	
30	No	13-Sep-2019	DESO	30	Pacific Herring	YOY	257	-	
36	No	14-Sep-2019	DISC	0	Pacific Herring	1+	1	-	
40	No	15-Sep-2019	SOG	0	Pacific Herring	1+	4	-	
52	Yes	16-Sep-2019	SOG	0	Pacific Herring	1+	1	-	
89	Yes	20-Sep-2019	SOG	45	Pacific Herring	1+	1	-	
107	Yes	23-Sep-2019	SOG	0	Pacific Herring	YOY	58	-	
107	Yes	23-Sep-2019	SOG	0	Pacific Herring	1+	7	-	
113	Yes	24-Sep-2019	SOG	0	Pacific Herring	YOY	235	-	
113	Yes	24-Sep-2019	SOG	0	Pacific Herring	1+	127	-	
114	Yes	24-Sep-2019	SOG	15	Pacific Herring	YOY	228	-	
114	Yes	24-Sep-2019	SOG	15	Pacific Herring	1+	9	-	
115	Yes	24-Sep-2019	SOG	30	Pacific Herring	YOY	13	-	
125	No	25-Sep-2019	JDEF	60	Pacific Herring	YOY	11	-	
125	No	25-Sep-2019	JDEF	60	Pacific Herring	1+	603	-	
129	No	26-Sep-2019	GISL	0	Pacific Herring	YOY	2	-	
130	No	26-Sep-2019	GISL	15	Pacific Herring	1+	1	-	
134	No	26-Sep-2019	GISL	0	Pacific Herring	YOY	5	-	
135	No	26-Sep-2019	GISL	30	Pacific Herring	YOY	3,595	-	

Table 11 (contd.). Total catch of non-salmon species by set number during the September 2019 survey. Table is sorted alphabetically by species common name and by set number. Age estimates (YOY or age 1+) are provided for Pacific Herring, Walleye Pollock and Pacific Hake and are based on length. The Comments column provides information on additional sampling or information associated with the catch. Dash indicates no data.

Set Number	Standard Survey	Date	Area Code	Depth	Species Common Name	Age	Count	Volume (L)	Comment
136	No	26-Sep-2019	GISL	0	Pacific Herring	YOY	18	-	
137	Yes	27-Sep-2019	SOG	0	Pacific Herring	1+	1	-	
139	Yes	27-Sep-2019	SOG	0	Pacific Herring	1+	1	-	
141	No	27-Sep-2019	HOWE	0	Pacific Herring	1+	7	-	
142	No	27-Sep-2019	HOWE	15	Pacific Herring	YOY	2	-	
134	No	26-Sep-2019	GISL	0	Pacific Sand Lance		1	-	
4	Yes	10-Sep-2019	SOG	0	Pacific Spiny Dogfish		65	-	
5	Yes	10-Sep-2019	SOG	30	Pacific Spiny Dogfish		4	-	
6	Yes	10-Sep-2019	SOG	0	Pacific Spiny Dogfish		1	-	
7	Yes	11-Sep-2019	SOG	0	Pacific Spiny Dogfish		1	-	
43	Yes	15-Sep-2019	SOG	30	Pacific Spiny Dogfish		82	-	
44	No	15-Sep-2019	SOG	0	Pacific Spiny Dogfish		6	-	
45	No	15-Sep-2019	SOG	15	Pacific Spiny Dogfish		1	-	
52	Yes	16-Sep-2019	SOG	0	Pacific Spiny Dogfish		1	-	
54	Yes	16-Sep-2019	SOG	60	Pacific Spiny Dogfish		52	-	
55	Yes	16-Sep-2019	SOG	0	Pacific Spiny Dogfish		2	-	
56	Yes	16-Sep-2019	SOG	15	Pacific Spiny Dogfish		1	-	
75	Yes	19-Sep-2019	SOG	0	Pacific Spiny Dogfish		1	-	
14	Yes	12-Sep-2019	SOG	0	Shiner Perch		1	-	
134	No	26-Sep-2019	GISL	0	Steller Sea Lion		1	-	whiskers to Dr. Tucker
6	Yes	10-Sep-2019	SOG	0	Threespine Stickleback		39	-	
7	Yes	11-Sep-2019	SOG	0	Threespine Stickleback		1	-	
9	Yes	11-Sep-2019	SOG	45	Threespine Stickleback		1	-	
65	No	17-Sep-2019	JERV	0	Threespine Stickleback		1	-	
66	Yes	18-Sep-2019	SOG	0	Threespine Stickleback		1	-	

Table 11 (contd.). Total catch of non-salmon species by set number during the September 2019 survey. Table is sorted alphabetically by species common name and by set number. Age estimates (YOY or age 1+) are provided for Pacific Herring, Walleye Pollock and Pacific Hake and are based on length. The Comments column provides information on additional sampling or information associated with the catch. Dash indicates no data.

Set Number	Standard Survey	Date	Area Code	Depth	Species Common Name	Age	Count	Volume (L)	Comment
142	No	27-Sep-2019	HOWE	15	Threespine Stickleback		4,250	-	
143	No	27-Sep-2019	HOWE	0	Threespine Stickleback		34,000	-	
86	Yes	20-Sep-2019	SOG	30	Unidentified juvenile/larval fish		1	-	
125	No	25-Sep-2019	JDEF	60	Unidentified juvenile/larval fish		1	-	preserved for ID
125	No	25-Sep-2019	JDEF	60	Walleye Pollock	1+	40	-	
7	Yes	11-Sep-2019	SOG	0	Western River Lamprey		1	-	
14	Yes	12-Sep-2019	SOG	0	Western River Lamprey		1	-	
16	No	12-Sep-2019	SOG	0	Western River Lamprey		2	-	
29	No	13-Sep-2019	DESO	0	Western River Lamprey		1	-	
48	No	15-Sep-2019	DESO	0	Western River Lamprey		1	-	
58	Yes	16-Sep-2019	SOG	15	Western River Lamprey		1	-	
59	No	17-Sep-2019	JERV	0	Western River Lamprey		1	-	
68	Yes	18-Sep-2019	SOG	15	Western River Lamprey		1	-	
69	Yes	18-Sep-2019	SOG	0	Western River Lamprey		1	-	
73	Yes	18-Sep-2019	SOG	0	Western River Lamprey		1	-	
85	Yes	20-Sep-2019	SOG	0	Western River Lamprey		3	-	
113	Yes	24-Sep-2019	SOG	0	Western River Lamprey		1	-	
114	Yes	24-Sep-2019	SOG	15	Western River Lamprey		1	-	
139	Yes	27-Sep-2019	SOG	0	Western River Lamprey		2	-	
7	Yes	11-Sep-2019	SOG	0	Wolf Eel		1	-	
23	No	12-Sep-2019	DESO	0	Wolf Eel		1	-	

*Comments: Diet and preservation information in Appendix 2.

Table 12. Average length (mm), weight (g) and condition (K) of ocean age 0+ Pacific salmon captured in the sets conducted in the standard survey during the juvenile salmon survey in the Strait of Georgia and associated waters, September 2019. Superscript letters indicate significant differences between species for length, weight or condition. Means sharing one or more superscript letters are not significantly different. This notation also denotes significant differences between the length of fish with or without an adipose fin clip or CWT. See Appendix 1 for individual fish information.

<i>Standard survey</i>	Chinook	Coho	Chum	Pink	Sockeye
Average Length (mm)	201 ^c	271 ^a	219 ^b	198 ^c	138 ^d
Standard Deviation (mm)	37.1	26.1	15.3	12.5	16.3
Number sampled	1,052	1,890	1,504	20	100
Average Weight (g)	136 ^b	263 ^a	115 ^c	84 ^{b,c,d}	29 ^d
Standard Deviation (g)	72.0	80.3	31.6	16.0	13.1
Number sampled	585	870	361	12	89
Average Condition (K)	1.24 ^b	1.26 ^a	1.07 ^c	1.07 ^c	1.06 ^c
Standard Deviation	0.104	0.088	0.062	0.056	0.102
Number sampled	585	870	361	12	89
<i>Fish with adipose fin clip or CWT</i>					
Average Length (mm)	215 ^c	281 ^a			
Standard Deviation (mm)	30.4	23.8			
Number sampled	74	656			
<i>Fish with no adipose fin clip or CWT</i>					
Average Length (mm)	200 ^d	266 ^b			
Standard Deviation (mm)	37.4	25.8			
Number sampled	978	1,234			

Table 13. Coded-wire tag recoveries for Chinook Salmon captured during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. CWT release information from RMIS.org. Recovery Area code descriptions are listed in Table 2. Region codes associated with CWT releases are provided at the end of Table 13.

Set #	Standard Survey	Recovery Date	Recovery Area	Fish Number	Fork Length (mm)	CWT Code	Age	Hatchery/Stock/Region	Brood Year
1	Yes	10-Sep-2019	SOG	CK0001	297	637232	0+	Icy Creek Hatchery/Big Soos Creek/MPS	2017
1	Yes	10-Sep-2019	SOG	CK0002	265	185876	0+	Spius Creek Hatchery/Nicola River/TOMM	2017
4	Yes	10-Sep-2019	SOG	CK0014	213	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
4	Yes	10-Sep-2019	SOG	CK0015	204	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
4	Yes	10-Sep-2019	SOG	CK0016	193	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
4	Yes	10-Sep-2019	SOG	CK0017	210	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
4	Yes	10-Sep-2019	SOG	CK0018	185	185188	0+	Chehalis River Hatchery/Harrison River/LWFR	2018
4	Yes	10-Sep-2019	SOG	CK0036	209	181680	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
4	Yes	10-Sep-2019	SOG	CK0044	210	181680	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
4	Yes	10-Sep-2019	SOG	CK0045	197	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
4	Yes	10-Sep-2019	SOG	CK0046	200	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
4	Yes	10-Sep-2019	SOG	CK0047	206	181680	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
4	Yes	10-Sep-2019	SOG	CK0048	200	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
4	Yes	10-Sep-2019	SOG	CK0049	203	181680	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
4	Yes	10-Sep-2019	SOG	CK0050	207	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
4	Yes	10-Sep-2019	SOG	CK0051	201	184684	0+	Shuswap River Hatchery/Middle Shuswap/TOMF	2018
4	Yes	10-Sep-2019	SOG	CK0052	210	185895	0+	Chilliwack River Hatchery/LWFR	2018
4	Yes	10-Sep-2019	SOG	CK0053	189	184685	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
4	Yes	10-Sep-2019	SOG	CK0056	180	182599	0+	Shuswap River Hatchery/Middle Shuswap/TOMF	2018
4	Yes	10-Sep-2019	SOG	CK0057	189	181680	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
4	Yes	10-Sep-2019	SOG	CK0058	188	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
4	Yes	10-Sep-2019	SOG	CK0059	699	184384	1+	Chilliwack River Hatchery/LWFR	2016
6	Yes	10-Sep-2019	SOG	CK0067	186	184685	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
6	Yes	10-Sep-2019	SOG	CK0068	206	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
6	Yes	10-Sep-2019	SOG	CK0069	209	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
6	Yes	10-Sep-2019	SOG	CK0070	211	181680	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
6	Yes	10-Sep-2019	SOG	CK0071	200	184684	0+	Shuswap River Hatchery/Middle Shuswap/TOMF	2018
6	Yes	10-Sep-2019	SOG	CK0098	209	181680	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
6	Yes	10-Sep-2019	SOG	CK0099	206	181680	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018

Table 13 (Contd.). Coded-wire tag recoveries for Chinook Salmon captured during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. CWT release information from RMIS.org. Recovery Area code descriptions are listed in Table 2. Region codes associated with CWT releases are provided at the end of Table 13.

Set #	Standard Survey	Recovery Date	Recovery Area	Fish Number	Fork Length (mm)	CWT Code	Age	Hatchery/Stock/Region	Brood Year
6	Yes	10-Sep-2019	SOG	CK0100	197	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
6	Yes	10-Sep-2019	SOG	CK0101	143	185966	0+	Chehalis River Hatchery/Harrison River/LWFR	2018
6	Yes	10-Sep-2019	SOG	CK0102	200	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
6	Yes	10-Sep-2019	SOG	CK0103	185	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
6	Yes	10-Sep-2019	SOG	CK0104	187	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
6	Yes	10-Sep-2019	SOG	CK0105	203	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
7	Yes	11-Sep-2019	SOG	CK0106	182	185190	0+	Shuswap River Hatchery/Middle Shuswap/TOMF	2018
14	Yes	12-Sep-2019	SOG	CK0135	212	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
14	Yes	12-Sep-2019	SOG	CK0136	204	181680	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
14	Yes	12-Sep-2019	SOG	CK0137	291	184996	0+	Tenderfoot Creek Hatchery/Mamquam River/ GSMN	2017
16	No	12-Sep-2019	SOG	CK0159	212	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
17	No	12-Sep-2019	SOG	CK0175	238	180282	0+	Tenderfoot Creek Hatchery/Shovelnose Creek/ GSMN	2017
17	No	12-Sep-2019	SOG	CK0176	235	180282	0+	Tenderfoot Creek Hatchery/Shovelnose Creek/ GSMN	2017
23	No	12-Sep-2019	DESO	CK0204	211	184386	0+	Quinsam River Hatchery/ECVI	2018
25	No	13-Sep-2019	DESO	CK0228	209	185891	0+	Quinsam River Hatchery/ECVI	2018
26	No	13-Sep-2019	DESO	CK0236	210	185892	0+	Quinsam River Hatchery/ECVI	2018
26	No	13-Sep-2019	DESO	CK0237	221	184386	0+	Quinsam River Hatchery/ECVI	2018
27	No	13-Sep-2019	DESO	CK0248	260	184996	0+	Tenderfoot Creek Hatchery/Mamquam River/ GSMN	2017
31	No	13-Sep-2019	DISC	CK0266	165	185176	0+	Quinsam River Hatchery/ECVI	2018
31	No	13-Sep-2019	DISC	CK0267	171	185893	0+	Quinsam River Hatchery/ECVI	2018
31	No	13-Sep-2019	DISC	CK0268	164	184387	0+	Quinsam River Hatchery/ECVI	2018
31	No	13-Sep-2019	DISC	CK0269	155	185064	0+	Quinsam River Hatchery/ECVI	2018
31	No	13-Sep-2019	DISC	CK0270	167	184386	0+	Quinsam River Hatchery/ECVI	2018
31	No	13-Sep-2019	DISC	CK0271	246	185891	0+	Quinsam River Hatchery/ECVI	2018
32	No	14-Sep-2019	DISC	CK0280	186	185064	0+	Quinsam River Hatchery/ECVI	2018
32	No	14-Sep-2019	DISC	CK0281	162	185182	0+	Cowichan River Hatchery/ECVI	2018
32	No	14-Sep-2019	DISC	CK0282	181	185195	0+	Phillips River Hatchery/JNST	2018
32	No	14-Sep-2019	DISC	CK0283	157	185175	0+	Quinsam River Hatchery/ECVI	2018
33	No	14-Sep-2019	DISC	CK0297	155	185064	0+	Quinsam River Hatchery/ECVI	2018
33	No	14-Sep-2019	DISC	CK0298	185	185891	0+	Quinsam River Hatchery/ECVI	2018

Table 13 (Contd.). Coded-wire tag recoveries for Chinook Salmon captured during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. CWT release information from RMIS.org. Recovery Area code descriptions are listed in Table 2. Region codes associated with CWT releases are provided at the end of Table 13.

Set #	Standard Survey	Recovery Date	Recovery Area	Fish Number	Fork Length (mm)	CWT Code	Age	Hatchery/Stock/Region	Brood Year
34	No	14-Sep-2019	DISC	CK0302	152	185065	0+	Quinsam River Hatchery/ECVI	2018
34	No	14-Sep-2019	DISC	CK0303	166	185784	0+	Puntledge River Hatchery/ECVI	2018
34	No	14-Sep-2019	DISC	CK0304	175	185176	0+	Quinsam River Hatchery/ECVI	2018
34	No	14-Sep-2019	DISC	CK0305	189	185975	0+	Big Qualicum River Hatchery/ECVI	2018
36	No	14-Sep-2019	DISC	CK0339	137	185195	0+	Phillips River Hatchery/JNST	2018
36	No	14-Sep-2019	DISC	CK0340	168	185892	0+	Quinsam River Hatchery/ECVI	2018
36	No	14-Sep-2019	DISC	CK0341	155	185195	0+	Phillips River Hatchery/JNST	2018
36	No	14-Sep-2019	DISC	CK0342	175	185064	0+	Quinsam River Hatchery/ECVI	2018
36	No	14-Sep-2019	DISC	CK0343	173	184280	0+	Phillips River Hatchery/JNST	2018
37	No	14-Sep-2019	DISC	CK0355	154	185195	0+	Phillips River Hatchery/JNST	2018
37	No	14-Sep-2019	DISC	CK0356	149	185064	0+	Quinsam River Hatchery/ECVI	2018
37	No	14-Sep-2019	DISC	CK0357	160	185064	0+	Quinsam River Hatchery/ECVI	2018
37	No	14-Sep-2019	DISC	CK0358	170	185064	0+	Quinsam River Hatchery/ECVI	2018
37	No	14-Sep-2019	DISC	CK0392	154	185064	0+	Quinsam River Hatchery/ECVI	2018
38	No	14-Sep-2019	DISC	CK0393	151	184280	0+	Phillips River Hatchery/JNST	2018
38	No	14-Sep-2019	DISC	CK0394	167	185891	0+	Quinsam River Hatchery/ECVI	2018
41	Yes	15-Sep-2019	SOG	CK0418	230	185175	0+	Quinsam River Hatchery/ECVI	2018
42	Yes	15-Sep-2019	SOG	CK0427	275	186144	0+	Tenderfoot Creek Hatchery/Ashlu Creek/ GSMN	2017
43	Yes	15-Sep-2019	SOG	CK0441	420	Missing	1+	-	-
45	No	15-Sep-2019	SOG	CK0448	253	186144	0+	Tenderfoot Creek Hatchery/Ashlu Creek/ GSMN	2017
46	No	15-Sep-2019	DESO	CK0453	243	185175	0+	Quinsam River Hatchery/ECVI	2018
48	No	15-Sep-2019	DESO	CK0461	175	185975	0+	Big Qualicum River Hatchery/ECVI	2018
49	No	15-Sep-2019	DESO	CK0480	210	184386	0+	Quinsam River Hatchery/ECVI	2018
50	Yes	16-Sep-2019	SOG	CK0502	280	184996	0+	Tenderfoot Creek Hatchery/Mamquam River/ GSMN	2017
52	Yes	16-Sep-2019	SOG	CK0514	226	185975	0+	Big Qualicum River Hatchery/ECVI	2018
54	Yes	16-Sep-2019	SOG	CK0521	290	185876	0+	Spilus Creek Hatchery/Nicola River/TOMM	2017
54	Yes	16-Sep-2019	SOG	CK0551	270	183483	0+	Spilus Creek Hatchery/Nicola River/TOMM	2017
58	Yes	16-Sep-2019	SOG	CK0572	260	185876	0+	Spilus Creek Hatchery/Nicola River/TOMM	2017
59	No	17-Sep-2019	JERV	CK0575	264	186144	0+	Tenderfoot Creek Hatchery/Ashlu Creek/ GSMN	2017
59	No	17-Sep-2019	JERV	CK0576	210	185975	0+	Big Qualicum River Hatchery/ECVI	2018

Table 13 (Contd.). Coded-wire tag recoveries for Chinook Salmon captured during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. CWT release information from RMIS.org. Recovery Area code descriptions are listed in Table 2. Region codes associated with CWT releases are provided at the end of Table 13.

Set #	Standard Survey	Recovery Date	Recovery Area	Fish Number	Fork Length (mm)	CWT Code	Age	Hatchery/Stock/Region	Brood Year
59	No	17-Sep-2019	JERV	CK0595	200	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
61	No	17-Sep-2019	JERV	CK0613	215	185779	0+	Sandy Cove Seapen/Chilliwack River/LWFR	2018
61	No	17-Sep-2019	JERV	CK0614	210	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
63	No	17-Sep-2019	JERV	CK0634	280	180282	0+	Tenderfoot Creek Hatchery/Shovelnose Creek/ GSMN	2017
63	No	17-Sep-2019	JERV	CK0635	310	180282	0+	Tenderfoot Creek Hatchery/Shovelnose Creek/ GSMN	2017
63	No	17-Sep-2019	JERV	CK0639	196	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
63	No	17-Sep-2019	JERV	CK0640	202	181680	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
65	No	17-Sep-2019	JERV	CK0657	214	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
69	Yes	18-Sep-2019	SOG	CK0702	480	637225	1+	Samish Hatchery/NOWA	2017
70	Yes	18-Sep-2019	SOG	CK0705	217	186323	0+	Big Qualicum River Hatchery/ECVI	2018
73	Yes	18-Sep-2019	SOG	CK0713	226	185779	0+	Sandy Cove Seapen/Chilliwack River/LWFR	2018
78	Yes	19-Sep-2019	SOG	CK0761	208	185784	0+	Puntledge River Hatchery/ECVI	2018
80	Yes	19-Sep-2019	SOG	CK0769	295	637232	0+	Icy Creek Hatchery/Big Soos Creek/MPS	2017
88	Yes	20-Sep-2019	SOG	CK0788	210	186323	0+	Big Qualicum River Hatchery/ECVI	2018
88	Yes	20-Sep-2019	SOG	CK0805	420	637234	1+	Tumwater Falls/SPS	2017
91	Yes	20-Sep-2019	SOG	CK0807	167	185174	0+	Quinsam River Hatchery/ECVI	2018
94	Yes	21-Sep-2019	SOG	CK0811	205	185974	0+	Big Qualicum River Hatchery/ECVI	2018
107	Yes	23-Sep-2019	SOG	CK0872	220	185179	0+	Cowichan River Hatchery/ECVI	2018
110	Yes	23-Sep-2019	SOG	CK0910	211	185179	0+	Cowichan River Hatchery/ECVI	2018
110	Yes	23-Sep-2019	SOG	CK0911	175	185181	0+	Cowichan River Hatchery/ECVI	2018
110	Yes	23-Sep-2019	SOG	CK0912	221	184685	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
112	Yes	23-Sep-2019	SOG	CK0922	185	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
113	Yes	24-Sep-2019	SOG	CK0943	198	211316	0+	Skookum Creek Hatchery/Nooksack River/NOWA	2018
113	Yes	24-Sep-2019	SOG	CK0944	184	637352	0+	Samish Hatchery/NOWA	2018
113	Yes	24-Sep-2019	SOG	CK0962	191	637373	0+	Kendall Creek Hatchery/Nooksack River/NOWA	2018
113	Yes	24-Sep-2019	SOG	CK0963	203	211348	0+	Skookum Creek Hatchery/Nooksack River/NOWA	2018
113	Yes	24-Sep-2019	SOG	CK0964	211	211348	0+	Skookum Creek Hatchery/Nooksack River/NOWA	2018
113	Yes	24-Sep-2019	SOG	CK0965	189	211348	0+	Skookum Creek Hatchery/Nooksack River/NOWA	2018
113	Yes	24-Sep-2019	SOG	CK0966	212	185896	0+	Chilliwack River Hatchery/LWFR	2018
113	Yes	24-Sep-2019	SOG	CK0967	249	185896	0+	Chilliwack River Hatchery/LWFR	2018

Table 13 (Contd.). Coded-wire tag recoveries for Chinook Salmon captured during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. CWT release information from RMIS.org. Recovery Area code descriptions are listed in Table 2. Region codes associated with CWT releases are provided at the end of Table 13.

Set #	Standard Survey	Recovery Date	Recovery Area	Fish Number	Fork Length (mm)	CWT Code	Age	Hatchery/Stock/Region	Brood Year
113	Yes	24-Sep-2019	SOG	CK0968	188	211348	0+	Skookum Creek Hatchery/Nooksack River/NOWA	2018
113	Yes	24-Sep-2019	SOG	CK0969	270	185876	0+	Spius Creek Hatchery/Nicola River/TOMM	2017
113	Yes	24-Sep-2019	SOG	CK0970	231	185779	0+	Sandy Cove Seapen/Chilliwack River/LWFR	2018
113	Yes	24-Sep-2019	SOG	CK0972	190	211316	0+	Skookum Creek Hatchery/Nooksack River/NOWA	2018
113	Yes	24-Sep-2019	SOG	CK0973	171	211348	0+	Skookum Creek Hatchery/Nooksack River/NOWA	2018
117	Yes	24-Sep-2019	SOG	CK0991	220	185178	0+	Cowichan River Hatchery/ECVI	2018
117	Yes	24-Sep-2019	SOG	CK0992	195	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
121	Yes	24-Sep-2019	SOG	CK1007	197	184685	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
121	Yes	24-Sep-2019	SOG	CK1008	238	185894	0+	Chilliwack River Hatchery/LWFR	2018
122	No	25-Sep-2019	JDEF	CK1023	210	637422	0+	Lyons Ferry Hatchery/Snake River/CR	2018
122	No	25-Sep-2019	JDEF	CK1024	201	637514	0+	Priest Rapids Hatchery/CR	2018
124	No	25-Sep-2019	JDEF	CK1044	213	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
128	No	26-Sep-2019	GISL	CK1052	202	185783	0+	Puntledge River Hatchery/ECVI	2018
128	No	26-Sep-2019	GISL	CK1053	226	185895	0+	Chilliwack River Hatchery/LWFR	2018
128	No	26-Sep-2019	GISL	CK1054	211	181680	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
128	No	26-Sep-2019	GISL	CK1055	217	185894	0+	Chilliwack River Hatchery/LWFR	2018
129	No	26-Sep-2019	GISL	CK1072	221	185177	0+	Cowichan River Hatchery/ECVI	2018
129	No	26-Sep-2019	GISL	CK1073	195	637524	0+	George Adams Hatchery/Skokomish River/HOOD	2018
130	No	26-Sep-2019	GISL	CK1082	181	185181	0+	Cowichan River Hatchery/ECVI	2018
130	No	26-Sep-2019	GISL	CK1083	157	186324	0+	Cowichan River Hatchery/ECVI	2018
130	No	26-Sep-2019	GISL	CK1102	213	185178	0+	Cowichan River Hatchery/ECVI	2018
130	No	26-Sep-2019	GISL	CK1103	169	183683	0+	Cowichan River Hatchery/ECVI	2018
130	No	26-Sep-2019	GISL	CK1104	197	637525	0+	George Adams Hatchery/Skokomish River/HOOD	2018
130	No	26-Sep-2019	GISL	CK1105	160	185183	0+	Cowichan River Hatchery/ECVI	2018
131	No	26-Sep-2019	GISL	CK1106	183	186325	0+	Cowichan River Hatchery/ECVI	2018
131	No	26-Sep-2019	GISL	CK1107	180	183683	0+	Cowichan River Hatchery/ECVI	2018
131	No	26-Sep-2019	GISL	CK1136	450	211290	1+	Skookum Creek Hatchery/Nooksack River/NOWA	2017
131	No	26-Sep-2019	GISL	CK1137	181	185380	0+	Cowichan River Hatchery/ECVI	2018
131	No	26-Sep-2019	GISL	CK1138	164	183683	0+	Cowichan River Hatchery/ECVI	2018
131	No	26-Sep-2019	GISL	CK1139	185	185183	0+	Cowichan River Hatchery/ECVI	2018

Table 13 (Contd.). Coded-wire tag recoveries for Chinook Salmon captured during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. CWT release information from RMIS.org. Recovery Area code descriptions are listed in Table 2. Region codes associated with CWT releases are provided at the end of Table 13.

Set #	Standard Survey	Recovery Date	Recovery Area	Fish Number	Fork Length (mm)	CWT Code	Age	Hatchery/Stock/Region	Brood Year
131	No	26-Sep-2019	GISL	CK1140	206	185896	0+	Cowichan River Hatchery/ECVI	2018
131	No	26-Sep-2019	GISL	CK1141	169	185180	0+	Cowichan River Hatchery/ECVI	2018
131	No	26-Sep-2019	GISL	CK1142	211	637353	0+	Samish Hatchery/NOWA	2018
131	No	26-Sep-2019	GISL	CK1143	151	185183	0+	Cowichan River Hatchery/ECVI	2018
131	No	26-Sep-2019	GISL	CK1144	174	185178	0+	Cowichan River Hatchery/ECVI	2018
131	No	26-Sep-2019	GISL	CK1145	210	185177	0+	Cowichan River Hatchery/ECVI	2018
131	No	26-Sep-2019	GISL	CK1146	199	185184	0+	Cowichan River Hatchery/ECVI	2018
131	No	26-Sep-2019	GISL	CK1147	154	185181	0+	Cowichan River Hatchery/ECVI	2018
132	No	26-Sep-2019	GISL	CK1148	187	185178	0+	Cowichan River Hatchery/ECVI	2018
132	No	26-Sep-2019	GISL	CK1149	226	185179	0+	Cowichan River Hatchery/ECVI	2018
132	No	26-Sep-2019	GISL	CK1150	174	185183	0+	Cowichan River Hatchery/ECVI	2018
132	No	26-Sep-2019	GISL	CK1164	166	185180	0+	Cowichan River Hatchery/ECVI	2018
133	No	26-Sep-2019	GISL	CK1173	197	184886	0+	Cowichan River Hatchery/ECVI	2018
134	No	26-Sep-2019	GISL	CK1181	180	185184	0+	Cowichan River Hatchery/ECVI	2018
134	No	26-Sep-2019	GISL	CK1201	334	211255	1+	Bernie Gobin Hatchery /Wallace River/MPS	2017
134	No	26-Sep-2019	GISL	CK1202	255	637373	0+	Kendall Creek Hatchery/Nooksack River/NOWA	2018
134	No	26-Sep-2019	GISL	CK1203	215	185177	0+	Cowichan River Hatchery/ECVI	2018
134	No	26-Sep-2019	GISL	CK1204	185	185181	0+	Cowichan River Hatchery/ECVI	2018
134	No	26-Sep-2019	GISL	CK1205	193	186325	0+	Cowichan River Hatchery/ECVI	2018
134	No	26-Sep-2019	GISL	CK1206	165	183683	0+	Cowichan River Hatchery/ECVI	2018
134	No	26-Sep-2019	GISL	CK1207	185	185182	0+	Cowichan River Hatchery/ECVI	2018
134	No	26-Sep-2019	GISL	CK1208	190	185182	0+	Cowichan River Hatchery/ECVI	2018
134	No	26-Sep-2019	GISL	CK1209	181	184887	0+	Cowichan River Hatchery/ECVI	2018
135	No	26-Sep-2019	GISL	CK1210	239	185894	0+	Chilliwack River Hatchery/LWFR	2018
135	No	26-Sep-2019	GISL	CK1211	246	185894	0+	Chilliwack River Hatchery/LWFR	2018
135	No	26-Sep-2019	GISL	CK1245	207	183683	0+	Cowichan River Hatchery/ECVI	2018
136	No	26-Sep-2019	GISL	CK1264	173	185184	0+	Cowichan River Hatchery/ECVI	2018
137	Yes	27-Sep-2019	SOG	CK1274	193	181680	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
137	Yes	27-Sep-2019	SOG	CK1294	182	637373	0+	Kendall Creek Hatchery/Nooksack River/NOWA	2018
137	Yes	27-Sep-2019	SOG	CK1314	198	181680	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018

Table 13 (Contd.). Coded-wire tag recoveries for Chinook Salmon captured during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. CWT release information from RMIS.org. Recovery area code descriptions are listed in Table 2. Region codes associated with CWT releases are provided at the end of Table 13.

Set #	Standard Survey	Recovery Date	Recovery Area	Fish Number	Fork Length (mm)	CWT Code	Age	Hatchery/Stock/Region	Brood Year
138	Yes	27-Sep-2019	SOG	CK1315	210	182059	0+	Shuswap River Hatchery/Lower Shuswap/TOMF	2018
141	No	27-Sep-2019	HOWE	CK1375	186	185190	0+	Shuswap River Hatchery/Middle Shuswap/TOMF	2018
144	Yes	28-Sep-2019	SOG	CK1420	210	637353	0+	Samish Hatchery/NOWA	2018
144	Yes	28-Sep-2019	SOG	CK1421	228	185782	0+	Capilano River Hatchery/Chilliwack River/LWFR	2018

KEY TO CODES DESCRIBING RELEASE AREAS FOR CWTs

Region Code	Region	Description
Canada		
ECVI	East Coast of Vancouver Island	East Coast Vancouver Island and southern Quadra Island
GSMN	Georgia Strait Mainland	BC mainland from US border north to southern Quadra Island
JNST	Johnstone Strait	Southern Quadra Island to Queen Charlotte Strait
LWFR	Lower Fraser River	Lower Fraser River below Hell's Gate
TOMM	Upper Thompson River	Above Kamloops
TOMF	Lower Thompson River	Below Kamloops
United States		
HOOD	Hood Canal	Hood Canal, Washington
MPS	Mid Puget Sound	Southern portion of eastern Puget Sound, Washington
NPS	Northern Puget Sound	Area from Skagit River to Everett, Washington
SPS	Southern Puget Sound	Areas south of Tacoma, Washington
NOWA	Northern Washington	Area from Canada/US border to Skagit River, Washington
SKAG	Skagit	Skagit River, Washington

Table 14. Coded-wire tag recoveries for Coho Salmon captured during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. CWT release information from RMIS.org. Recovery Area code descriptions are listed in Table 2. Region codes associated with CWT releases are provided at the end of Table 13.

Set #	Standard Survey	Recovery Date	Recovery Area	Fish Number	Fork Length (mm)	CWT Code	Age	Hatchery/Stock/Region	Brood Year
1	Yes	10-Sep-2019	SOG	CO0002	300	186148	0+	Inch Creek Hatchery/LWFR	2017
4	Yes	10-Sep-2019	SOG	CO0048	227	637475	0+	Wild/Baker River/SKAG	2017
4	Yes	10-Sep-2019	SOG	CO0049	220	185299	0+	Inch Creek Hatchery/LWFR	2017
4	Yes	10-Sep-2019	SOG	CO0050	249	182978	0+	Inch Creek Hatchery/LWFR	2017
4	Yes	10-Sep-2019	SOG	CO0051	235	186147	0+	Inch Creek Hatchery/LWFR	2017
4	Yes	10-Sep-2019	SOG	CO0052	203	185172	0+	Coldwater River Hatchery/TOMM	2017
4	Yes	10-Sep-2019	SOG	CO0053	246	185299	0+	Inch Creek Hatchery/LWFR	2017
4	Yes	10-Sep-2019	SOG	CO0054	271	211270	0+	Lummi Sea Ponds/Skookum Creek/NOWA	2017
6	Yes	10-Sep-2019	SOG	CO0057	548	183190	1+	Seymour River/GSMN	2016
6	Yes	10-Sep-2019	SOG	CO0058	264	186147	0+	Inch Creek Hatchery/LWFR	2017
13	Yes	11-Sep-2019	SOG	CO0106	235	186147	0+	Inch Creek Hatchery/LWFR	2017
14	Yes	12-Sep-2019	SOG	CO0119	243	186080	0+	Spilus Creek Hatchery/Coldwater River/TOMM	2017
31	No	13-Sep-2019	DISC	CO0174	241	184486	0+	Spilus Creek Hatchery/Coldwater River/TOMM	2017
43	Yes	15-Sep-2019	SOG	CO0227	280	186150	0+	Inch Creek Hatchery/LWFR	2017
43	Yes	15-Sep-2019	SOG	CO0228	277	185299	0+	Inch Creek Hatchery/LWFR	2017
50	Yes	16-Sep-2019	SOG	CO0264	275	185299	0+	Inch Creek Hatchery/LWFR	2017
50	Yes	16-Sep-2019	SOG	CO0265	259	186149	0+	Inch Creek Hatchery/LWFR	2017
50	Yes	16-Sep-2019	SOG	CO0279	248	185173	0+	Coldwater River Hatchery/TOMM	2017
50	Yes	16-Sep-2019	SOG	CO0280	289	186148	0+	Inch Creek Hatchery/LWFR	2017
50	Yes	16-Sep-2019	SOG	CO0281	270	185172	0+	Coldwater River Hatchery/TOMM	2017
50	Yes	16-Sep-2019	SOG	CO0282	300	185775	0+	Big Qualicum River Hatchery /ECVI	2017
55	Yes	16-Sep-2019	SOG	CO0311	289	182979	0+	Inch Creek Hatchery/LWFR	2017
55	Yes	16-Sep-2019	SOG	CO0331	273	182977	0+	Inch Creek Hatchery/LWFR	2017
55	Yes	16-Sep-2019	SOG	CO0332	252	185172	0+	Coldwater River Hatchery/TOMM	2017
55	Yes	16-Sep-2019	SOG	CO0333	290	186147	0+	Inch Creek Hatchery/LWFR	2017
55	Yes	16-Sep-2019	SOG	CO0334	272	185172	0+	Coldwater River Hatchery/TOMM	2017
55	Yes	16-Sep-2019	SOG	CO0335	270	186148	0+	Inch Creek Hatchery/LWFR	2017
55	Yes	16-Sep-2019	SOG	CO0336	268	186147	0+	Inch Creek Hatchery/LWFR	2017
55	Yes	16-Sep-2019	SOG	CO0337	285	186147	0+	Inch Creek Hatchery/LWFR	2017

Table 14 (Contd.). Coded-wire tag recoveries for Coho Salmon captured during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. CWT release information from RMIS.org. Recovery Area code descriptions are listed in Table 2. Region codes associated with CWT releases are provided at the end of Table 13.

Set #	Standard Survey	Recovery Date	Recovery Area	Fish Number	Fork Length (mm)	CWT Code	Age	Hatchery/Stock/Region	Brood Year
55	Yes	16-Sep-2019	SOG	CO0338	246	186147	0+	Inch Creek Hatchery/LWFR	2017
55	Yes	16-Sep-2019	SOG	CO0339	274	185299	0+	Inch Creek Hatchery/LWFR	2017
55	Yes	16-Sep-2019	SOG	CO0340	280	186147	0+	Inch Creek Hatchery/LWFR	2017
56	Yes	16-Sep-2019	SOG	CO0341	258	184585	0+	Spius Creek Hatchery/ Eagle River/TOMF	2017
56	Yes	16-Sep-2019	SOG	CO0342	276	182977	0+	Inch Creek Hatchery/LWFR	2017
56	Yes	16-Sep-2019	SOG	CO0361	300	185775	0+	Big Qualicum River Hatchery /ECVI	2017
56	Yes	16-Sep-2019	SOG	CO0362	252	185173	0+	Coldwater River Hatchery/TOMM	2017
58	Yes	16-Sep-2019	SOG	CO0388	282	183885	0+	Coldwater River Hatchery/TOMM	2017
58	Yes	16-Sep-2019	SOG	CO0389	275	182977	0+	Inch Creek Hatchery/LWFR	2017
58	Yes	16-Sep-2019	SOG	CO0390	288	185299	0+	Inch Creek Hatchery/LWFR	2017
58	Yes	16-Sep-2019	SOG	CO0391	267	185173	0+	Coldwater River Hatchery/TOMM	2017
61	No	17-Sep-2019	JERV	CO0396	241	637475	0+	Wild/Baker River/SKAG	2017
66	Yes	18-Sep-2019	SOG	CO0409	248	184585	0+	Spius Creek Hatchery/ Eagle River/TOMF	2017
66	Yes	18-Sep-2019	SOG	CO0410	240	184486	0+	Spius Creek Hatchery/Coldwater River/TOMM	2017
74	Yes	18-Sep-2019	SOG	CO0446	276	185172	0+	Coldwater River Hatchery/TOMM	2017
75	Yes	19-Sep-2019	SOG	CO0447	305	185299	0+	Inch Creek Hatchery/LWFR	2017
75	Yes	19-Sep-2019	SOG	CO0448	305	185775	0+	Big Qualicum River Hatchery /ECVI	2017
75	Yes	19-Sep-2019	SOG	CO0467	274	184486	0+	Spius Creek Hatchery/Coldwater River/TOMM	2017
75	Yes	19-Sep-2019	SOG	CO0468	295	185775	0+	Big Qualicum River Hatchery /ECVI	2017
75	Yes	19-Sep-2019	SOG	CO0469	240	184585	0+	Spius Creek Hatchery/ Eagle River/TOMF	2017
75	Yes	19-Sep-2019	SOG	CO0470	268	183885	0+	Coldwater River Hatchery/TOMM	2017
75	Yes	19-Sep-2019	SOG	CO0471	260	184486	0+	Spius Creek Hatchery/Coldwater River/TOMM	2017
75	Yes	19-Sep-2019	SOG	CO0472	265	186148	0+	Inch Creek Hatchery/LWFR	2017
75	Yes	19-Sep-2019	SOG	CO0473	255	184486	0+	Spius Creek Hatchery/Coldwater River/TOMM	2017
75	Yes	19-Sep-2019	SOG	CO0474	256	185299	0+	Inch Creek Hatchery/LWFR	2017
75	Yes	19-Sep-2019	SOG	CO0475	271	185299	0+	Inch Creek Hatchery/LWFR	2017
75	Yes	19-Sep-2019	SOG	CO0477	265	185774	0+	Big Qualicum River Hatchery /ECVI	2017
75	Yes	19-Sep-2019	SOG	CO0478	237	185299	0+	Inch Creek Hatchery/LWFR	2017
76	Yes	19-Sep-2019	SOG	CO0512	250	185173	0+	Coldwater River Hatchery/TOMM	2017
78	Yes	19-Sep-2019	SOG	CO0532	290	185774	0+	Big Qualicum River Hatchery /ECVI	2017

Table 14 (Contd.). Coded-wire tag recoveries for Coho Salmon captured during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. CWT release information from RMIS.org. Recovery Area code descriptions are listed in Table 2. Region codes associated with CWT releases are provided at the end of Table 13.

Set #	Standard Survey	Recovery Date	Recovery Area	Fish Number	Fork Length (mm)	CWT Code	Age	Hatchery/Stock/Region	Brood Year
78	Yes	19-Sep-2019	SOG	CO0533	311	184464	0+	Big Qualicum River Hatchery /ECVI	2017
78	Yes	19-Sep-2019	SOG	CO0534	278	185299	0+	Inch Creek Hatchery/LWFR	2017
78	Yes	19-Sep-2019	SOG	CO0547	277	185299	0+	Inch Creek Hatchery/LWFR	2017
79	Yes	19-Sep-2019	SOG	CO0548	320	185774	0+	Big Qualicum River Hatchery /ECVI	2017
80	Yes	19-Sep-2019	SOG	CO0560	275	182978	0+	Inch Creek Hatchery/LWFR	2017
81	Yes	19-Sep-2019	SOG	CO0572	315	181691	0+	Wild/Black Creek/ECVI	2017
81	Yes	19-Sep-2019	SOG	CO0573	290	185774	0+	Big Qualicum River Hatchery /ECVI	2017
81	Yes	19-Sep-2019	SOG	CO0592	296	637272	0+	Marblemount Hatchery/Skagit/SKAG	2017
83	Yes	19-Sep-2019	SOG	CO0597	284	186149	0+	Inch Creek Hatchery/LWFR	2017
83	Yes	19-Sep-2019	SOG	CO0598	321	211269	0+	Skookum Creek /NOWA	2017
85	Yes	20-Sep-2019	SOG	CO0623	288	185698	0+	Puntledge River Hatchery/ECVI	2017
85	Yes	20-Sep-2019	SOG	CO0643	293	185299	0+	Inch Creek Hatchery/LWFR	2017
85	Yes	20-Sep-2019	SOG	CO0644	277	184486	0+	Spilus Creek Hatchery/Coldwater River/TOMM	2017
85	Yes	20-Sep-2019	SOG	CO0645	275	182978	0+	Inch Creek Hatchery/LWFR	2017
85	Yes	20-Sep-2019	SOG	CO0646	261	186147	0+	Inch Creek Hatchery/LWFR	2017
87	Yes	20-Sep-2019	SOG	CO0648	303	185299	0+	Inch Creek Hatchery/LWFR	2017
87	Yes	20-Sep-2019	SOG	CO0657	305	637271	0+	Marblemount Hatchery/Skagit/SKAG	2017
88	Yes	20-Sep-2019	SOG	CO0668	259	184585	0+	Spilus Creek Hatchery/ Eagle River/TOMF	2017
89	Yes	20-Sep-2019	SOG	CO0682	258	637475	0+	Wild/Baker River/SKAG	2017
90	Yes	20-Sep-2019	SOG	CO0684	299	184896	0+	Wild/Black Creek/ECVI	2017
91	Yes	20-Sep-2019	SOG	CO0720	267	185172	0+	Coldwater River Hatchery/TOMM	2017
91	Yes	20-Sep-2019	SOG	CO0721	291	185775	0+	Big Qualicum River Hatchery /ECVI	2017
92	Yes	20-Sep-2019	SOG	CO0731	291	185173	0+	Coldwater River Hatchery/TOMM	2017
92	Yes	20-Sep-2019	SOG	CO0742	267	185990	0+	Spilus Creek Hatchery/Salmon River/TOMF	2017
94	Yes	21-Sep-2019	SOG	CO0745	314	185774	0+	Big Qualicum River Hatchery /ECVI	2017
97	Yes	21-Sep-2019	SOG	CO0761	302	184464	0+	Big Qualicum River Hatchery /ECVI	2017
97	Yes	21-Sep-2019	SOG	CO0811	276	055905	0+	Quilcene Hatchery/Big Quilcene River/HOOD	2017
98	Yes	21-Sep-2019	SOG	CO0819	266	636978	0+	Wild/Big Beef Creek/HOOD	2017
98	Yes	21-Sep-2019	SOG	CO0821	280	182978	0+	Inch Creek Hatchery/LWFR	2017
98	Yes	21-Sep-2019	SOG	CO0830	307	185774	0+	Big Qualicum River Hatchery /ECVI	2017

Table 14 (Contd.). Coded-wire tag recoveries for Coho Salmon captured during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. CWT release information from RMIS.org. Recovery Area code descriptions are listed in Table 2. Region codes associated with CWT releases are provided at the end of Table 13.

Set #	Standard Survey	Recovery Date	Recovery Area	Fish Number	Fork Length (mm)	CWT Code	Age	Hatchery/Stock/Region	Brood Year
98	Yes	21-Sep-2019	SOG	CO0833	315	211270	0+	Lummi Sea Ponds/Skookum Creek/NOWA	2017
100	Yes	22-Sep-2019	SOG	CO0835	305	211269	0+	Skookum Creek /NOWA	2017
100	Yes	22-Sep-2019	SOG	CO0865	550	182873	1+	Spius Creek Hatchery/ Eagle River/TOMF	2016
100	Yes	22-Sep-2019	SOG	CO0866	328	211269	0+	Skookum Creek /NOWA	2017
100	Yes	22-Sep-2019	SOG	CO0867	274	185299	0+	Inch Creek Hatchery/LWFR	2017
100	Yes	22-Sep-2019	SOG	CO0868	290	184896	0+	Wild/Black Creek/ECVI	2017
100	Yes	22-Sep-2019	SOG	CO0869	270	185990	0+	Spius Creek Hatchery/Salmon River/TOMF	2017
100	Yes	22-Sep-2019	SOG	CO0870	297	211270	0+	Lummi Sea Ponds/Skookum Creek/NOWA	2017
100	Yes	22-Sep-2019	SOG	CO0871	299	186147	0+	Inch Creek Hatchery/LWFR	2017
100	Yes	22-Sep-2019	SOG	CO0872	295	184464	0+	Big Qualicum River Hatchery /ECVI	2017
100	Yes	22-Sep-2019	SOG	CO0873	265	182978	0+	Inch Creek Hatchery/LWFR	2017
100	Yes	22-Sep-2019	SOG	CO0874	239	182977	0+	Inch Creek Hatchery/LWFR	2017
100	Yes	22-Sep-2019	SOG	CO0875	218	185172	0+	Coldwater River Hatchery/TOMM	2017
100	Yes	22-Sep-2019	SOG	CO0876	298	211269	0+	Skookum Creek /NOWA	2017
100	Yes	22-Sep-2019	SOG	CO0877	300	184896	0+	Wild/Black Creek/ECVI	2017
100	Yes	22-Sep-2019	SOG	CO0878	279	184464	0+	Big Qualicum River Hatchery /ECVI	2017
100	Yes	22-Sep-2019	SOG	CO0879	290	186080	0+	Spius Creek Hatchery/Coldwater River/TOMM	2017
100	Yes	22-Sep-2019	SOG	CO0880	286	184585	0+	Spius Creek Hatchery/ Eagle River/TOMF	2017
100	Yes	22-Sep-2019	SOG	CO0881	284	211269	0+	Skookum Creek /NOWA	2017
100	Yes	22-Sep-2019	SOG	CO0882	317	211270	0+	Lummi Sea Ponds/Skookum Creek/NOWA	2017
100	Yes	22-Sep-2019	SOG	CO0883	278	637272	0+	Marblemount Hatchery/Skagit/SKAG	2017
103	Yes	22-Sep-2019	SOG	CO0949	264	184896	0+	Wild/Black Creek/ECVI	2017
107	Yes	23-Sep-2019	SOG	CO0980	246	184585	0+	Spius Creek Hatchery/ Eagle River/TOMF	2017
109	Yes	23-Sep-2019	SOG	CO0989	264	186080	0+	Spius Creek Hatchery/Coldwater River/TOMM	2017
109	Yes	23-Sep-2019	SOG	CO0990	275	184585	0+	Spius Creek Hatchery/ Eagle River/TOMF	2017
109	Yes	23-Sep-2019	SOG	CO1009	274	183885	0+	Coldwater River Hatchery/TOMM	2017
109	Yes	23-Sep-2019	SOG	CO1010	245	182979	0+	Inch Creek Hatchery/LWFR	2017
109	Yes	23-Sep-2019	SOG	CO1011	266	185299	0+	Inch Creek Hatchery/LWFR	2017
109	Yes	23-Sep-2019	SOG	CO1012	277	184585	0+	Spius Creek Hatchery/ Eagle River/TOMF	2017
109	Yes	23-Sep-2019	SOG	CO1013	275	182978	0+	Inch Creek Hatchery/LWFR	2017

Table 14 (Contd.). Coded-wire tag recoveries for Coho Salmon captured during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. CWT release information from RMIS.org. Recovery Area code descriptions are listed in Table 2. Region codes associated with CWT releases are provided at the end of Table 13.

Set #	Standard Survey	Recovery Date	Recovery Area	Fish Number	Fork Length (mm)	CWT Code	Age	Hatchery/Stock/Region	Brood Year
109	Yes	23-Sep-2019	SOG	CO1014	270	182977	0+	Inch Creek Hatchery/LWFR	2017
109	Yes	23-Sep-2019	SOG	CO1015	262	186148	0+	Inch Creek Hatchery/LWFR	2017
109	Yes	23-Sep-2019	SOG	CO1016	266	182979	0+	Inch Creek Hatchery/LWFR	2017
109	Yes	23-Sep-2019	SOG	CO1017	235	182979	0+	Inch Creek Hatchery/LWFR	2017
110	Yes	23-Sep-2019	SOG	CO1036	270	183885	0+	Coldwater River Hatchery/TOMM	2017
110	Yes	23-Sep-2019	SOG	CO1037	267	186147	0+	Inch Creek Hatchery/LWFR	2017
110	Yes	23-Sep-2019	SOG	CO1038	273	186148	0+	Inch Creek Hatchery/LWFR	2017
110	Yes	23-Sep-2019	SOG	CO1039	237	184464	0+	Big Qualicum River Hatchery /ECVI	2017
110	Yes	23-Sep-2019	SOG	CO1040	266	186149	0+	Inch Creek Hatchery/LWFR	2017
112	Yes	23-Sep-2019	SOG	CO1046	280	185172	0+	Coldwater River Hatchery/TOMM	2017
118	Yes	24-Sep-2019	SOG	CO1061	256	185172	0+	Coldwater River Hatchery/TOMM	2017
118	Yes	24-Sep-2019	SOG	CO1062	272	Missing	0+	-	-
119	Yes	24-Sep-2019	SOG	CO1077	304	637272	0+	Marblemount Hatchery/Skagit/SKAG	2017
119	Yes	24-Sep-2019	SOG	CO1078	258	182977	0+	Inch Creek Hatchery/LWFR	2017
119	Yes	24-Sep-2019	SOG	CO1079	262	185990	0+	Spilus Creek Hatchery/Salmon River/TOMF	2017
122	No	25-Sep-2019	JDEF	CO1102	258	637271	0+	Marblemount Hatchery/Skagit/SKAG	2017
122	No	25-Sep-2019	JDEF	CO1122	276	211293	0+	Keta Creek/MPS	2017
122	No	25-Sep-2019	JDEF	CO1123	273	637274	0+	Wallace River Hatchery/ Skykomish River/ NPS	2017
122	No	25-Sep-2019	JDEF	CO1124	298	055906	0+	Quilcene Hatchery/Big Quilcene River/HOOD	2017
122	No	25-Sep-2019	JDEF	CO1125	266	637272	0+	Marblemount Hatchery/Skagit/SKAG	2017
123	No	25-Sep-2019	JDEF	CO1127	300	055905	0+	Quilcene Hatchery/Big Quilcene River/HOOD	2017
124	No	25-Sep-2019	JDEF	CO1130	246	211272	0+	Bernie Gobin Hatchery /Skykomish River/MPS	2017
124	No	25-Sep-2019	JDEF	CO1150	250	637272	0+	Marblemount Hatchery/Skagit/SKAG	2017
124	No	25-Sep-2019	JDEF	CO1151	264	637271	0+	Marblemount Hatchery/Skagit/SKAG	2017
126	No	25-Sep-2019	JDEF	CO1157	272	055904	0+	Quilcene Hatchery/Big Quilcene River/HOOD	2017
126	No	25-Sep-2019	JDEF	CO1158	251	636978	0+	Wild/Big Beef Creek/HOOD	2017

Table 15. Summary of the additional biological samples collected from Pacific salmon during the juvenile salmon survey in the Strait of Georgia and associated water, September 2019. Summary is by standard and non-standard survey, species and age class. A dash indicates no samples were collected

<i>Standard survey</i>										
Species	Age 0+						Age 1+			
	Otoliths	Stomach	Scales	DNA	FH	IGF-1	Otoliths	Stomach	Scales	DNA
Chinook	591	672	319	707	1	-	30	28	31	34
Coho	933	837	796	989	3	-	26	26	27	27
Chum	411	378	1	412	1	-	8	8	9	13
Pink	12	12	-	12	-	-	18	18	18	18
Sockeye	50	50	-	100	-	37	-	-	-	-
Total	1,997	1,949	1,116	2,219	5	37	82	80	85	92
<i>Non-standard Survey</i>										
Species	Age 0+						Age 1+			
	Otoliths	Stomach	Scales	DNA	FH	IGF-1	Otoliths	Stomach	Scales	DNA
Chinook	526	656	352	669	1	-	14	14	17	17
Coho	188	188	175	191	-	1	9	9	9	9
Chum	326	326	-	331	1	-	2	2	3	4
Pink	56	56	-	95	-	-	-	-	-	-
Sockeye	23	23	-	59	-	22	-	-	-	-
Total	1,119	1,249	527	1,346	2	23	25	25	26	30

Table 16. Average length (mm), weight (g) and condition (K) of ocean age 0+ Pacific salmon captured in the sets conducted in the non-standard survey during the juvenile salmon survey in the Strait of Georgia and associated waters, September 2019. Superscript letters indicate significant differences between species for length, weight or condition. Means sharing one or more superscript letters are not significantly different. This notation also denotes significant differences between the length of fish with or without an adipose fin clip or CWT. See Appendix 1 for individual fish information.

<i>Non-Standard Survey</i>	Chinook	Coho	Chum	Pink	Sockeye
Average Length (mm)	194 ^c	257 ^a	212 ^b	181 ^d	137 ^e
Standard Deviation (mm)	35.2	22.2	12.3	22.3	11.8
Number sampled	762	273	1,354	216	95
Average Weight (g)	101 ^b	215 ^a	107 ^b	60 ^c	29 ^d
Standard Deviation (g)	64.7	76.9	23.6	23.1	10.5
Number sampled	639	183	368	95	59
Average Condition (K)	1.20 ^b	1.23 ^a	1.09 ^c	1.00 ^e	1.04 ^d
Standard Deviation	0.098	0.087	0.073	0.078	0.066
Number sampled	639	183	367	95	59
<i>Fish with adipose fin clip or CWT</i>					
Average Length (mm)	212 ^b	259 ^a			
Standard Deviation (mm)	43.7	20.9			
Number sampled	99	97			
<i>Fish with no adipose fin clip or CWT</i>					
Average Length (mm)	191 ^c	256 ^a			
Standard Deviation (mm)	33.0	22.8			
Number sampled	663	176			

Table 17. Bridge log information of the Bongo net and CTD casts conducted during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. Area codes are listed in Table 2. Data available through Institute of Ocean Sciences and is archived under survey CCG 2019-053.

Event Number	Event Type	Date	Area Code	Start Latitude (°N)	Start Longitude (°W)	Start Time (PDT)	Gear Depth (m)	Average Bottom Depth (m)
002	CTD	10-Sep-2019	SOG	49.233	-123.811	09:09	230	241
003	Bongo	10-Sep-2019	SOG	49.232	-123.811	09:22	225	236
006	CTD	10-Sep-2019	SOG	49.295	-123.707	11:35	250	294
007	Bongo	10-Sep-2019	SOG	49.295	-123.709	11:46	250	296
012	CTD	11-Sep-2019	SOG	49.427	-123.776	08:53	170	177
013	Bongo	11-Sep-2019	SOG	49.427	-123.776	08:01	170	177
016	CTD	11-Sep-2019	SOG	49.379	-123.863	11:55	250	333
017	Bongo	11-Sep-2019	SOG	49.382	-123.867	12:08	250	325
022	CTD	11-Sep-2019	SOG	49.610	-124.195	18:46	250	367
023	Bongo	11-Sep-2019	SOG	49.613	-124.199	18:58	250	364
025	CTD	12-Sep-2019	SOG	49.941	-124.734	08:37	130	139
026	Bongo	12-Sep-2019	SOG	49.942	-124.737	08:44	120	134
031	CTD	12-Sep-2019	DESO	50.116	-124.791	12:57	250	489
032	Bongo	12-Sep-2019	DESO	50.114	-124.793	13:08	250	491
038	CTD	12-Sep-2019	DESO	50.217	-124.795	18:22	230	238
039	Bongo	12-Sep-2019	DESO	50.217	-124.794	18:33	230	243
041	CTD	13-Sep-2019	DESO	50.247	-124.989	08:57	250	348
042	Bongo	13-Sep-2019	DESO	50.250	-124.990	08:09	250	364
046	CTD	13-Sep-2019	DESO	50.321	-124.943	12:38	250	290
047	Bongo	13-Sep-2019	DESO	50.322	-124.948	12:49	250	320
051	CTD	13-Sep-2019	DESO	50.284	-125.041	15:40	250	425
052	Bongo	13-Sep-2019	DESO	50.284	-125.041	15:52	250	427
054	CTD	13-Sep-2019	DISC	50.306	-125.313	19:04	110	117
055	Bongo	13-Sep-2019	DISC	50.305	-125.317	19:14	100	110
061	CTD	14-Sep-2019	DISC	50.369	-125.369	12:26	190	203
062	Bongo	14-Sep-2019	DISC	50.368	-125.369	12:37	200	208
065	CTD	14-Sep-2019	DISC	50.391	-125.343	15:23	190	203
066	Bongo	14-Sep-2019	DISC	50.391	-125.343	15:35	190	205
068	CTD	14-Sep-2019	DISC	50.292	-125.330	17:18	90	103
069	Bongo	14-Sep-2019	DISC	50.292	-125.330	17:26	90	103
072	CTD	15-Sep-2019	SOG	49.982	-124.990	10:40	140	150
073	Bongo	15-Sep-2019	SOG	49.984	-124.991	10:49	130	144
076	CTD	15-Sep-2019	SOG	50.028	-125.097	12:40	250	274
077	Bongo	15-Sep-2019	SOG	50.028	-125.098	12:53	250	275
082	CTD	15-Sep-2019	DESO	50.171	-125.006	16:41	250	504
083	Bongo	15-Sep-2019	DESO	50.170	-125.004	16:55	250	487
087	CTD	16-Sep-2019	SOG	49.930	-125.021	09:22	240	255
088	Bongo	16-Sep-2019	SOG	49.930	-125.025	09:33	250	280
092	CTD	16-Sep-2019	SOG	49.854	-125.025	12:42	90	102
093	Bongo	16-Sep-2019	SOG	49.857	-125.028	13:03	100	107
097	CTD	16-Sep-2019	SOG	49.897	-124.884	16:19	240	253

Table 17 (contd.). Bridge log information of the Bongo net and CTD casts conducted during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. Area codes are listed in Table 2. Data available through Institute of Ocean Sciences and is archived under survey CCG 2019-053.

Event Number	Event Type	Date	Area Code	Start Latitude (°N)	Start Longitude (°W)	Start Time (PDT)	Gear Depth (m)	Average Bottom Depth (m)
098	Bongo	16-Sep-2019	SOG	49.900	-124.887	16:30	240	251
101	CTD	16-Sep-2019	SOG	49.811	-124.753	18:52	220	228
102	Bongo	16-Sep-2019	SOG	49.813	-124.759	19:07	210	220
104	CTD	17-Sep-2019	JERV	49.767	-124.146	09:19	250	405
105	Bongo	17-Sep-2019	JERV	49.766	-124.153	09:31	250	371
109	CTD	17-Sep-2019	JERV	49.817	-123.925	12:46	250	679
110	Bongo	17-Sep-2019	JERV	49.811	-123.932	12:57	250	679
112	CTD	17-Sep-2019	JERV	49.902	-123.915	15:06	250	664
113	Bongo	17-Sep-2019	JERV	49.900	-123.909	15:18	250	664
118	CTD	18-Sep-2019	SOG	49.694	-124.320	09:57	250	320
119	Bongo	18-Sep-2019	SOG	49.695	-124.321	10:09	250	320
123	CTD	18-Sep-2019	SOG	49.766	-124.479	13:39	250	320
124	Bongo	18-Sep-2019	SOG	49.765	-124.480	13:51	250	320
128	CTD	18-Sep-2019	SOG	49.870	-124.609	17:23	120	133
129	Bongo	18-Sep-2019	SOG	49.869	-124.609	17:31	130	141
132	CTD	19-Sep-2019	SOG	49.779	-124.708	09:26	200	204
133	Bongo	19-Sep-2019	SOG	49.778	-124.708	09:36	190	203
137	CTD	19-Sep-2019	SOG	49.679	-124.785	13:07	100	108
138	Bongo	19-Sep-2019	SOG	49.679	-124.786	13:13	100	110
140	CTD	19-Sep-2019	SOG	49.644	-124.754	14:25	130	137
141	Bongo	19-Sep-2019	SOG	49.643	-124.755	14:33	130	137
145	CTD	19-Sep-2019	SOG	49.675	-124.674	17:13	190	199
146	Bongo	19-Sep-2019	SOG	49.673	-124.672	17:22	180	192
151	CTD	20-Sep-2019	SOG	49.621	-124.475	09:46	250	329
152	Bongo	20-Sep-2019	SOG	49.621	-124.477	09:57	250	329
157	CTD	20-Sep-2019	SOG	49.526	-124.465	14:43	180	189
158	Bongo	20-Sep-2019	SOG	49.526	-124.463	14:53	175	186
161	CTD	20-Sep-2019	SOG	49.486	-124.570	16:48	100	106
162	Bongo	20-Sep-2019	SOG	49.486	-124.571	16:55	90	101
166	CTD	21-Sep-2019	SOG	49.419	-124.552	13:28	250	137
167	Bongo	21-Sep-2019	SOG	49.419	-124.557	13:40	120	134
170	CTD	21-Sep-2019	SOG	49.374	-124.433	15:36	90	100
171	Bongo	21-Sep-2019	SOG	49.375	-124.419	15:42	90	101
173	CTD	21-Sep-2019	SOG	49.421	-124.386	17:20	250	348
174	Bongo	21-Sep-2019	SOG	49.422	-124.390	17:30	250	348
178	CTD	22-Sep-2019	SOG	49.410	-124.323	11:41	250	349
179	Bongo	22-Sep-2019	SOG	49.410	-124.328	11:52	250	349
184	CTD	22-Sep-2019	SOG	49.473	-124.125	15:51	220	227
185	Bongo	22-Sep-2019	SOG	49.475	-124.126	16:00	210	221
189	CTD	23-Sep-2019	SOG	49.175	-123.683	11:06	180	192
190	Bongo	23-Sep-2019	SOG	49.177	-123.683	11:14	180	192
193	CTD	23-Sep-2019	SOG	49.079	-123.607	15:01	160	176

Table 17 (contd.). Bridge log information of the Bongo net and CTD casts conducted during the juvenile Pacific salmon survey in the Strait of Georgia and associated waters, September 2019. Area codes are listed in Table 2. Data available through Institute of Ocean Sciences and is archived under survey CCG 2019-053.

Event Number	Event Type	Date	Area Code	Start Latitude (°N)	Start Longitude (°W)	Start Time (PDT)	Gear Depth (m)	Average Bottom Depth (m)
194	Bongo	23-Sep-2019	SOG	49.080	-123.610	15:08	160	170
196	CTD	23-Sep-2019	SOG	49.139	-123.569	16:42	190	206
197	Bongo	23-Sep-2019	SOG	49.140	-123.572	16:50	190	200
200	CTD	24-Sep-2019	SOG	49.029	-123.263	09:01	80	92
201	Bongo	24-Sep-2019	SOG	49.030	-123.263	09:07	80	91
206	CTD	24-Sep-2019	SOG	48.962	-123.463	14:17	90	103
207	Bongo	24-Sep-2019	SOG	48.963	-123.467	14:23	90	101
211	CTD	24-Sep-2019	SOG	48.820	-123.069	18:08	180	191
212	Bongo	24-Sep-2019	SOG	48.818	-123.066	18:17	170	186
215	CTD	25-Sep-2019	JDEF	48.465	-124.349	08:59	100	109
216	Bongo	25-Sep-2019	JDEF	48.465	-124.351	09:05	100	110
220	CTD	25-Sep-2019	JDEF	48.339	-123.885	13:38	120	134
221	Bongo	25-Sep-2019	JDEF	48.338	-123.878	13:45	120	134
224	CTD	25-Sep-2019	JDEF	48.317	-123.702	15:50	160	166
225	Bongo	25-Sep-2019	JDEF	48.315	-123.699	15:57	160	167
227	CTD	26-Sep-2019	GISL	48.729	-123.293	08:54	100	107
228	Bongo	26-Sep-2019	GISL	48.729	-123.292	09:00	100	113
231	CTD	26-Sep-2019	GISL	48.723	-123.431	11:48	70	80
232	Bongo	26-Sep-2019	GISL	48.723	-123.432	11:53	70	80
235	CTD	26-Sep-2019	GISL	48.730	-123.542	13:51	90	101
236	Bongo	26-Sep-2019	GISL	48.731	-123.545	13:57	100	118
240	CTD	26-Sep-2019	GISL	48.812	-123.576	16:41	110	123
241	Bongo	26-Sep-2019	GISL	48.811	-123.575	16:48	100	113
243	CTD	27-Sep-2019	GISL	48.915	-123.654	18:03	100	108
244	Bongo	27-Sep-2019	GISL	48.915	-123.654	18:09	90	105
247	CTD	27-Sep-2019	SOG	48.207	-123.325	10:13	150	157
248	Bongo	27-Sep-2019	SOG	48.205	-123.325	10:21	150	155
251	CTD	27-Sep-2019	SOG	48.275	-123.350	13:13	210	218
252	Bongo	27-Sep-2019	SOG	48.273	-123.347	13:22	200	210
255	CTD	27-Sep-2019	HOWE	49.434	-123.256	16:02	200	210
256	Bongo	27-Sep-2019	HOWE	49.434	-123.256	16:12	230	241
258	CTD	28-Sep-2019	HOWE	49.417	-123.385	18:02	230	237
259	Bongo	28-Sep-2019	HOWE	49.415	-123.388	18:16	220	226

9 Appendices

9.1 Keys to Codes Used in Appendices

^A Select Code		^B Sex
1	CWT	F - female
2	AD	M - male
3	Size of fish	MJ - jack
4	Wound	
5	Condition	
6	Intact Jellyfish	

^D Wounds, External parasites and Other Code		
Predation wounds	ABR	Abrasions, source provide if known
	BM	Toothed Predator bite mark
	HW	Hook wound from fishing lure
	LW	Lamprey wound
	LAC	Laceration - unidentified source
	LES	Lesion, source provided if known
	W	Wound - unidentified source
External parasites	BSp	Black spot (neascus spots)
	CAL	<i>C. clemensi</i> general
	GC	Gill crustacean
	LEP	<i>L. salmonis</i> general
	LEP (female)	<i>L. salmonis</i> female
	LEP (gravid)	<i>L. salmonis</i> gravid
	LEP (male)	<i>L. salmonis</i> male
Condition	SL	Sea lice – species not determine
	Adhesion	Organs bound to each other or to body wall of individual
	DEF	Deformity in fish including scoliosis.
	Fat	Body chubby for given length
	Health	Cysts, ulcers or other visible health condition
	Skinny	Body thin for given length
	VF	Visceral fat visible around internal organs
Collaborative samples	EIS	Environmental Interactions Program (Dr. Stewart Johnson)
	FH	Fish Health (sample due to obvious illness or poor condition)
	IGF	Blood samples for IGF-1 analysis
	PAR	Parasitology Program (Dr. Simon Jones)

Other Information		
L	Left side of body	
R	Right side of body	
D	Dorsal – above midline	
V	Ventral – below midline	
Areas	1	Anterior to dorsal fin but posterior to head
	2	Mid body – below dorsal
	3	Posterior to dorsal fin

Appendix 1. Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
1	Yes	10-Sep-2019	SOG	Chinook	CK0001	Total	0+	297	316	M	ADCWT	1	CK0001	Yes	5001	CK0001	LES (LD2. pustule); FH; LEP(gravid)
1	Yes	10-Sep-2019	SOG	Chinook	CK0002	Total	0+	265	239	F	ADCWT	2	CK0002	-	5002	CK0002	
1	Yes	10-Sep-2019	SOG	Chinook	CK0003	Total	0+	262	238	M	-	3	CK0003	-	5003	CK0003	
1	Yes	10-Sep-2019	SOG	Chinook	CK0004	Total	0+	231	173	M	-	4	CK0004	-	5004	CK0004	
1	Yes	10-Sep-2019	SOG	Chinook	CK0005	Total	0+	235	167	F	-	5	CK0005	-	5005	CK0005	
1	Yes	10-Sep-2019	SOG	Chinook	CK0006	Total	0+	244	187	F	-	6	CK0006	-	5006	CK0006	
1	Yes	10-Sep-2019	SOG	Chinook	CK0007	Total	0+	251	204	M	-	7	CK0007	Yes	5007	CK0007	
1	Yes	10-Sep-2019	SOG	Chinook	CK0008	Total	0+	230	156	M	-	8	CK0008	-	5008	CK0008	
1	Yes	10-Sep-2019	SOG	Chinook	CK0009	Total	0+	221	136	F	-	9	CK0009	-	5009	CK0009	
1	Yes	10-Sep-2019	SOG	Chinook	CK0010	Total	0+	250	203	M	-	10	CK0010	-	5010	CK0010	
1	Yes	10-Sep-2019	SOG	Chinook	CK0011	Total	1+	760	7300	M	AD	11	CK0011	-	5011	CK0011	LEP (female)
3	Yes	10-Sep-2019	SOG	Chinook	CK0012	Total	0+	209	110	-	-	-	-	-	5012	-	
4	Yes	10-Sep-2019	SOG	Chinook	CK0013	Total	1+	790	-	-	-	-	-	Yes	5013	-	
4	Yes	10-Sep-2019	SOG	Chinook	CK0014	Random	0+	213	133	M	ADCWT	12	CK0014	-	5014	CK0014	
4	Yes	10-Sep-2019	SOG	Chinook	CK0015	Random	0+	204	122	M	ADCWT	13	CK0015	-	5015	CK0015	
4	Yes	10-Sep-2019	SOG	Chinook	CK0016	Random	0+	193	110	M	ADCWT	14	CK0016	-	5016	CK0016	
4	Yes	10-Sep-2019	SOG	Chinook	CK0017	Random	0+	210	125	F	ADCWT	15	CK0017	-	5017	CK0017	
4	Yes	10-Sep-2019	SOG	Chinook	CK0018	Random	0+	185	88	M	ADCWT	16	CK0018	-	5018	CK0018	
4	Yes	10-Sep-2019	SOG	Chinook	CK0019	Random	0+	220	143	F	-	17	CK0019	Yes	5019	CK0019	
4	Yes	10-Sep-2019	SOG	Chinook	CK0020	Random	0+	178	76	M	-	18	CK0020	Yes	5020	CK0020	
4	Yes	10-Sep-2019	SOG	Chinook	CK0021	Random	0+	217	145	F	-	19	CK0021	Yes	5021	CK0021	
4	Yes	10-Sep-2019	SOG	Chinook	CK0022	Random	0+	194	116	M	-	20	CK0022	Yes	5022	CK0022	
4	Yes	10-Sep-2019	SOG	Chinook	CK0023	Random	0+	213	126	M	-	21	CK0023	Yes	5023	CK0023	
4	Yes	10-Sep-2019	SOG	Chinook	CK0024	Random	0+	220	160	F	-	22	CK0024	Yes	5024	CK0024	
4	Yes	10-Sep-2019	SOG	Chinook	CK0025	Random	0+	196	105	F	-	23	CK0025	-	5025	CK0025	
4	Yes	10-Sep-2019	SOG	Chinook	CK0026	Random	0+	210	136	M	-	24	CK0026	-	5026	CK0026	
4	Yes	10-Sep-2019	SOG	Chinook	CK0027	Random	0+	226	152	M	-	25	CK0027	-	5027	CK0027	
4	Yes	10-Sep-2019	SOG	Chinook	CK0028	Random	0+	182	83	M	-	26	CK0028	-	5028	CK0028	
4	Yes	10-Sep-2019	SOG	Chinook	CK0029	Random	0+	212	126	M	-	27	CK0029	-	5029	CK0029	
4	Yes	10-Sep-2019	SOG	Chinook	CK0030	Random	0+	227	172	F	-	28	CK0030	-	5030	CK0030	
4	Yes	10-Sep-2019	SOG	Chinook	CK0031	Random	0+	167	67	M	-	29	CK0031	-	5031	CK0031	
4	Yes	10-Sep-2019	SOG	Chinook	CK0032	Random	0+	205	120	M	-	30	CK0032	-	5032	CK0032	
4	Yes	10-Sep-2019	SOG	Chinook	CK0033	Random	0+	207	122	M	-	31	CK0033	-	5033	CK0033	
4	Yes	10-Sep-2019	SOG	Chinook	CK0034	Random	0+	229	165	M	-	32	CK0034	-	5034	CK0034	
4	Yes	10-Sep-2019	SOG	Chinook	CK0035	Random	0+	215	136	M	-	33	CK0035	-	5035	CK0035	
4	Yes	10-Sep-2019	SOG	Chinook	CK0036	Random	0+	209	133	M	ADCWT	34	CK0036	-	5036	CK0036	
4	Yes	10-Sep-2019	SOG	Chinook	CK0037	Random	0+	235	195	F	-	35	CK0037	-	5037	CK0037	
4	Yes	10-Sep-2019	SOG	Chinook	CK0038	Random	0+	183	78	M	-	36	CK0038	-	5038	CK0038	
4	Yes	10-Sep-2019	SOG	Chinook	CK0039	Random	0+	152	50	F	-	37	CK0039	-	5039	CK0039	
4	Yes	10-Sep-2019	SOG	Chinook	CK0040	Random	0+	153	44	M	-	38	CK0040	-	5040	CK0040	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
4	Yes	10-Sep-2019	SOG	Chinook	CK0041	Random	0+	169	64	M	-	39	CK0041	-	5041	CK0041	
4	Yes	10-Sep-2019	SOG	Chinook	CK0042	Random	0+	180	66	F	-	40	CK0042	-	5042	CK0042	
4	Yes	10-Sep-2019	SOG	Chinook	CK0043	Random	0+	164	61	F	-	41	CK0043	-	5043	CK0043	
4	Yes	10-Sep-2019	SOG	Chinook	CK0044	Select ¹	0+	210	132	M	ADCWT	42	CK0044	-	5044	CK0044	
4	Yes	10-Sep-2019	SOG	Chinook	CK0045	Select ¹	0+	197	101	F	ADCWT	43	CK0045	Yes	5045	CK0045	
4	Yes	10-Sep-2019	SOG	Chinook	CK0046	Select ¹	0+	200	109	M	ADCWT	44	CK0046	-	5046	CK0046	
4	Yes	10-Sep-2019	SOG	Chinook	CK0047	Select ¹	0+	206	119	M	ADCWT	45	CK0047	-	5047	CK0047	
4	Yes	10-Sep-2019	SOG	Chinook	CK0048	Select ¹	0+	200	115	F	ADCWT	46	CK0048	-	5048	CK0048	
4	Yes	10-Sep-2019	SOG	Chinook	CK0049	Select ¹	0+	203	115	M	ADCWT	47	CK0049	-	5049	CK0049	
4	Yes	10-Sep-2019	SOG	Chinook	CK0050	Select ¹	0+	207	111	M	ADCWT	48	CK0050	-	5050	CK0050	
4	Yes	10-Sep-2019	SOG	Chinook	CK0051	Select ¹	0+	201	102	M	ADCWT	49	CK0051	-	5051	CK0051	
4	Yes	10-Sep-2019	SOG	Chinook	CK0052	Select ¹	0+	210	128	F	ADCWT	50	CK0052	-	5052	CK0052	
4	Yes	10-Sep-2019	SOG	Chinook	CK0053	Select ¹	0+	189	94	M	ADCWT	51	CK0053	-	5053	CK0053	
4	Yes	10-Sep-2019	SOG	Chinook	CK0054	Select ²	0+	178	71	-	AD	52	-	-	5054	CK0054	
4	Yes	10-Sep-2019	SOG	Chinook	CK0055	Select ²	0+	178	71	F	AD	53	-	-	5055	CK0055	
4	Yes	10-Sep-2019	SOG	Chinook	CK0056	Select ¹	0+	180	76	F	ADCWT	54	-	-	5056	CK0056	
4	Yes	10-Sep-2019	SOG	Chinook	CK0057	Select ¹	0+	189	89	F	ADCWT	55	-	Yes	5057	CK0057	
4	Yes	10-Sep-2019	SOG	Chinook	CK0058	Select ¹	0+	188	91	F	ADCWT	56	-	Yes	5058	CK0058	
4	Yes	10-Sep-2019	SOG	Chinook	CK0059	Total	1+	699	6400	F	ADCWT	57	CK0059	Yes	5059	CK0059	
4	Yes	10-Sep-2019	SOG	Chinook	CK0060	Total	1+	580	2850	F	AD	58	CK0060	Yes	5060	CK0060	
4	Yes	10-Sep-2019	SOG	Chinook	CK0061	Total	1+	421	995	F	-	59	CK0061	Yes	5061	CK0061	
4	Yes	10-Sep-2019	SOG	Chinook	CK0062	Total	0+	348	592	M	-	60	CK0062	Yes	5062	CK0062	
4	Yes	10-Sep-2019	SOG	Chinook	CK0063	Total	0+	314	413	M	-	61	CK0063	-	5063	CK0063	
4	Yes	10-Sep-2019	SOG	Chinook	CK0064	Total	1+	732	-	M	-	62	-	-	5064	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	240	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	218	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	216	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	162	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	210	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	220	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	228	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	225	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	179	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	228	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	178	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	175	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	230	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	200	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	230	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	164	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	240	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	185	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	179	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	221	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	196	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	150	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	161	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	168	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	231	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	185	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	236	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	203	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	185	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	160	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	190	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	181	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	160	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	229	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	164	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	231	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	154	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	148	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	164	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	167	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	158	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	161	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	152	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	154	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	158	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	208	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	180	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	225	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	209	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	230	-	-	-	-	-	-	-	-	
5	Yes	10-Sep-2019	SOG	Chinook	CK0065	Total	0+	140	35	M	-	63	CK0065	Yes	5065	CK0065	
6	Yes	10-Sep-2019	SOG	Chinook	CK0066	Random	1+	372	707	M	-	64	-	Yes	5066	CK0066	
6	Yes	10-Sep-2019	SOG	Chinook	CK0067	Random	0+	186	81	M	ADCWT	65	CK0067	-	5067	CK0067	
6	Yes	10-Sep-2019	SOG	Chinook	CK0068	Random	0+	206	121	M	ADCWT	66	CK0068	-	5068	CK0068	
6	Yes	10-Sep-2019	SOG	Chinook	CK0069	Random	0+	209	127	F	ADCWT	67	CK0069	-	5069	CK0069	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
6	Yes	10-Sep-2019	SOG	Chinook	CK0070	Random	0+	211	131	M	ADCWT	68	CK0070	-	5070	CK0070	
6	Yes	10-Sep-2019	SOG	Chinook	CK0071	Random	0+	200	104	M	ADCWT	69	CK0071	-	5071	CK0071	
6	Yes	10-Sep-2019	SOG	Chinook	CK0072	Random	0+	195	104	M	-	70	CK0072	-	5072	CK0072	
6	Yes	10-Sep-2019	SOG	Chinook	CK0073	Random	0+	172	60	M	-	71	CK0073	-	5073	CK0073	
6	Yes	10-Sep-2019	SOG	Chinook	CK0074	Random	0+	183	86	F	-	72	CK0074	-	5074	CK0074	
6	Yes	10-Sep-2019	SOG	Chinook	CK0075	Random	0+	204	104	M	-	73	CK0075	-	5075	CK0075	
6	Yes	10-Sep-2019	SOG	Chinook	CK0076	Random	0+	179	75	M	-	74	CK0076	-	5076	CK0076	
6	Yes	10-Sep-2019	SOG	Chinook	CK0077	Random	0+	141	31	-	-	-	CK0077	-	5077	-	
6	Yes	10-Sep-2019	SOG	Chinook	CK0078	Random	0+	148	42	-	-	-	CK0078	-	5078	-	
6	Yes	10-Sep-2019	SOG	Chinook	CK0079	Random	0+	180	80	-	-	-	CK0079	-	5079	-	
6	Yes	10-Sep-2019	SOG	Chinook	CK0080	Random	0+	142	33	-	-	-	CK0080	-	5080	-	
6	Yes	10-Sep-2019	SOG	Chinook	CK0081	Random	0+	159	47	-	-	-	CK0081	-	5081	-	
6	Yes	10-Sep-2019	SOG	Chinook	CK0082	Random	0+	168	64	-	-	-	CK0082	-	5082	-	
6	Yes	10-Sep-2019	SOG	Chinook	CK0083	Random	0+	161	49	-	-	-	CK0083	-	5083	-	
6	Yes	10-Sep-2019	SOG	Chinook	CK0084	Random	0+	166	65	-	-	-	CK0084	-	5084	-	
6	Yes	10-Sep-2019	SOG	Chinook	CK0085	Random	0+	161	58	-	-	-	CK0085	-	5085	-	
6	Yes	10-Sep-2019	SOG	Chinook	CK0086	Random	0+	151	43	-	-	-	CK0086	-	5086	-	
6	Yes	10-Sep-2019	SOG	Chinook	CK0087	Random	0+	156	51	-	-	-	CK0087	-	5087	-	
6	Yes	10-Sep-2019	SOG	Chinook	CK0088	Random	0+	171	65	-	-	-	CK0088	-	5088	-	
6	Yes	10-Sep-2019	SOG	Chinook	CK0089	Random	0+	163	51	-	-	-	CK0089	-	5089	-	
6	Yes	10-Sep-2019	SOG	Chinook	CK0090	Random	0+	162	58	-	-	-	CK0090	-	5090	-	
6	Yes	10-Sep-2019	SOG	Chinook	CK0091	Random	0+	161	52	-	-	-	CK0091	-	5091	-	
6	Yes	10-Sep-2019	SOG	Chinook	CK0092	Random	0+	134	29	-	-	-	CK0092	-	5092	-	
6	Yes	10-Sep-2019	SOG	Chinook	CK0093	Random	0+	157	51	-	-	-	CK0093	-	5093	-	
6	Yes	10-Sep-2019	SOG	Chinook	CK0094	Random	0+	170	56	-	-	-	CK0094	-	5094	-	
6	Yes	10-Sep-2019	SOG	Chinook	CK0095	Random	0+	188	85	-	-	-	CK0095	-	5095	-	
6	Yes	10-Sep-2019	SOG	Chinook	CK0096	Random	0+	169	58	-	-	-	CK0096	-	5096	-	
6	Yes	10-Sep-2019	SOG	Chinook	CK0097	Select ³	0+	249	222	MJ	-	75	CK0097	Yes	5097	CK0097	
6	Yes	10-Sep-2019	SOG	Chinook	CK0098	Select ¹	0+	209	126	M	ADCWT	76	CK0098	-	5098	CK0098	
6	Yes	10-Sep-2019	SOG	Chinook	CK0099	Select ¹	0+	206	117	F	ADCWT	77	CK0099	-	5099	CK0099	LEP (female)
6	Yes	10-Sep-2019	SOG	Chinook	CK0100	Select ¹	0+	197	111	M	ADCWT	78	CK0100	-	5100	CK0100	
6	Yes	10-Sep-2019	SOG	Chinook	CK0101	Select ¹	0+	143	34	F	ADCWT	79	CK0101	-	5102	CK0101	
6	Yes	10-Sep-2019	SOG	Chinook	CK0102	Select ¹	0+	200	117	M	ADCWT	80	CK0102	-	5103	CK0102	
6	Yes	10-Sep-2019	SOG	Chinook	CK0103	Select ¹	0+	185	88	M	ADCWT	81	CK0103	-	5104	CK0103	
6	Yes	10-Sep-2019	SOG	Chinook	CK0104	Select ¹	0+	187	91	F	ADCWT	82	CK0104	-	5105	CK0104	
6	Yes	10-Sep-2019	SOG	Chinook	CK0105	Select ¹	0+	203	112	M	ADCWT	83	CK0105	-	5106	CK0105	
6	Yes	10-Sep-2019	SOG	Chinook	CK/CO990063	Total	0+	157	51	M	-	63	-	-	5101	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	150	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	168	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	165	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	180	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	175	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	195	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	172	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	159	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	185	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	195	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	165	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	170	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	190	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	172	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	186	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	181	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	172	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	160	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	191	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	165	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	168	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	218	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	158	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	176	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	169	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	172	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	180	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	155	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	184	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	188	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	195	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	170	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	156	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	168	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	159	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	185	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	168	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	165	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	180	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	172	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	168	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	160	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	179	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	190	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	175	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	148	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	172	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	170	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	150	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chinook	-	Random	0+	152	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chinook	CK0106	Select ¹	0+	182	72	M	ADCWT	84	CK0106	-	5107	CK0106	
7	Yes	11-Sep-2019	SOG	Chinook	CK0107	Random	0+	221	136	F	-	85	CK0107	-	5108	CK0107	
7	Yes	11-Sep-2019	SOG	Chinook	CK0108	Random	0+	193	86	M	AD	86	CK0108	-	5109	CK0108	
7	Yes	11-Sep-2019	SOG	Chinook	CK0109	Random	0+	170	57	F	-	87	CK0109	-	5110	CK0109	
7	Yes	11-Sep-2019	SOG	Chinook	CK0110	Random	0+	169	57	M	-	88	CK0110	-	5111	CK0110	
7	Yes	11-Sep-2019	SOG	Chinook	CK0111	Random	0+	172	67	M	-	89	CK0111	-	5112	CK0111	
7	Yes	11-Sep-2019	SOG	Chinook	CK0112	Random	0+	163	50	M	-	90	CK0112	-	5113	CK0112	
7	Yes	11-Sep-2019	SOG	Chinook	CK0113	Random	0+	215	126	M	-	91	CK0113	-	5114	CK0113	CAL
7	Yes	11-Sep-2019	SOG	Chinook	CK0114	Random	0+	175	62	F	-	92	CK0114	-	5115	CK0114	
7	Yes	11-Sep-2019	SOG	Chinook	CK0115	Random	0+	201	111	M	-	93	CK0115	-	5116	CK0115	
7	Yes	11-Sep-2019	SOG	Chinook	CK0116	Random	0+	176	66	M	-	94	CK0116	-	5117	CK0116	
7	Yes	11-Sep-2019	SOG	Chinook	CK0117	Random	0+	222	145	M	-	95	CK0117	-	5118	CK0117	
7	Yes	11-Sep-2019	SOG	Chinook	CK0118	Random	0+	149	40	F	-	96	CK0118	-	5119	CK0118	
7	Yes	11-Sep-2019	SOG	Chinook	CK0119	Random	0+	168	55	F	-	97	CK0119	-	5120	CK0119	
7	Yes	11-Sep-2019	SOG	Chinook	CK0120	Random	0+	241	121	M	-	98	CK0120	Yes	5121	CK0120	
7	Yes	11-Sep-2019	SOG	Chinook	CK0121	Random	0+	236	174	M	AD	99	CK0121	Yes	5122	CK0121	
7	Yes	11-Sep-2019	SOG	Chinook	-	Random	0+	201	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chinook	-	Random	0+	200	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chinook	-	Random	0+	164	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chinook	-	Random	0+	186	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chinook	-	Random	0+	188	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chinook	-	Random	0+	172	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chinook	-	Random	0+	147	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chinook	-	Random	0+	170	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chinook	-	Random	0+	176	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chinook	-	Random	0+	196	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chinook	-	Random	0+	178	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chinook	-	Random	0+	176	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chinook	-	Random	0+	185	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chinook	-	Random	0+	176	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chinook	-	Random	0+	171	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chinook	-	Random	0+	166	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
7	Yes	11-Sep-2019	SOG	Chinook	-	Random	0+	160	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chinook	-	Random	0+	178	-	-	-	-	-	-	-	-	
8	Yes	11-Sep-2019	SOG	Chinook	CK0122	Total	0+	188	-	M	-	100	CK0122	-	5123	CK0122	
9	Yes	11-Sep-2019	SOG	Chinook	CK0123	Total	0+	220	131	F	-	101	CK0123	-	5124	CK0123	EIS
9	Yes	11-Sep-2019	SOG	Chinook	CK0124	Total	0+	217	135	M	-	102	CK0124	-	5125	CK0124	EIS
9	Yes	11-Sep-2019	SOG	Chinook	CK0125	Total	0+	230	147	M	-	103	CK0125	-	5126	CK0125	EIS
9	Yes	11-Sep-2019	SOG	Chinook	CK0126	Total	0+	237	164	F	-	104	CK0126	-	5127	CK0126	EIS
9	Yes	11-Sep-2019	SOG	Chinook	CK0127	Total	0+	221	136	F	-	105	CK0127	-	5128	CK0127	EIS
9	Yes	11-Sep-2019	SOG	Chinook	CK0128	Total	0+	245	208	M	-	106	CK0128	-	5129	CK0128	EIS
9	Yes	11-Sep-2019	SOG	Chinook	CK0129	Total	0+	228	150	M	-	107	CK0129	-	5130	CK0129	EIS
9	Yes	11-Sep-2019	SOG	Chinook	CK0130	Total	0+	215	133	F	-	108	CK0130	-	5131	CK0130	EIS
10	Yes	11-Sep-2019	SOG	Chinook	CK0131	Total	0+	219	132	M	-	109	CK0131	-	5132	CK0131	EIS
11	Yes	11-Sep-2019	SOG	Chinook	CK0132	Total	0+	222	146	M	-	110	CK0132	-	5133	CK0132	
12	Yes	11-Sep-2019	SOG	Chinook	CK0133	Total	0+	229	156	M	-	111	CK0133	-	5134	CK0133	BM (5 cm)
13	Yes	11-Sep-2019	SOG	Chinook	CK0134	Total	0+	161	46	-	-	-	CK0134	-	5135	-	
14	Yes	12-Sep-2019	SOG	Chinook	CK0135	Random	0+	212	117	M	ADCWT	112	CK0135	-	5136	CK0135	EIS
14	Yes	12-Sep-2019	SOG	Chinook	CK0136	Random	0+	204	107	F	ADCWT	113	CK0136	-	5137	CK0136	EIS
14	Yes	12-Sep-2019	SOG	Chinook	CK0137	Random	0+	291	321	M	ADCWT	114	CK0137	Yes	5138	CK0137	EIS
14	Yes	12-Sep-2019	SOG	Chinook	CK0138	Random	0+	224	157	F	-	115	CK0138	-	5139	CK0138	EIS
14	Yes	12-Sep-2019	SOG	Chinook	CK0139	Random	0+	253	225	M	-	116	CK0139	-	5140	CK0139	EIS
14	Yes	12-Sep-2019	SOG	Chinook	CK0140	Random	0+	241	189	M	-	117	CK0140	-	5141	CK0140	
14	Yes	12-Sep-2019	SOG	Chinook	CK0141	Random	0+	232	147	F	-	118	CK0141	-	5142	CK0141	
14	Yes	12-Sep-2019	SOG	Chinook	CK0142	Random	0+	218	126	M	-	119	CK0142	-	5143	CK0142	ABR (V)
14	Yes	12-Sep-2019	SOG	Chinook	CK0143	Random	0+	184	76	M	-	120	CK0143	-	5144	CK0143	
14	Yes	12-Sep-2019	SOG	Chinook	CK0144	Random	0+	204	96	F	-	121	CK0144	-	5145	CK0144	
14	Yes	12-Sep-2019	SOG	Chinook	CK0145	Random	0+	226	155	F	-	122	CK0145	Yes	5146	CK0145	
14	Yes	12-Sep-2019	SOG	Chinook	CK0146	Random	0+	229	163	M	-	123	CK0146	-	5147	CK0146	
14	Yes	12-Sep-2019	SOG	Chinook	CK0147	Random	0+	206	112	M	-	124	CK0147	-	5148	CK0147	
14	Yes	12-Sep-2019	SOG	Chinook	CK0148	Random	0+	231	159	F	-	125	CK0148	Yes	5149	CK0148	
14	Yes	12-Sep-2019	SOG	Chinook	CK0149	Random	0+	232	161	F	-	126	CK0149	-	5150	CK0149	
14	Yes	12-Sep-2019	SOG	Chinook	CK0150	Total	1+	488	1436	F	-	127	CK0150	Yes	5151	CK0150	
14	Yes	12-Sep-2019	SOG	Chinook	CK0151	Total	1+	460	1043	F	-	128	CK0151	Yes	5152	CK0151	
14	Yes	12-Sep-2019	SOG	Chinook	-	Random	0+	224	-	-	-	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Chinook	-	Random	0+	184	-	-	-	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Chinook	-	Random	0+	239	-	-	-	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Chinook	-	Random	0+	244	-	-	-	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Chinook	-	Random	0+	229	-	-	-	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Chinook	-	Random	0+	255	-	-	-	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Chinook	-	Random	0+	245	-	-	-	-	-	-	-	-	
15	No	12-Sep-2019	SOG	Chinook	CK0152	Total	0+	265	229	M	-	129	CK0152	-	5153	CK0152	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
15	No	12-Sep-2019	SOG	Chinook	CK0153	Total	0+	229	154	M	-	130	CK0153	-	5154	CK0153	
15	No	12-Sep-2019	SOG	Chinook	CK0154	Total	0+	226	127	F	-	131	CK0154	-	5155	CK0154	
15	No	12-Sep-2019	SOG	Chinook	CK0155	Total	0+	222	137	M	-	132	CK0155	-	5156	CK0155	
15	No	12-Sep-2019	SOG	Chinook	CK0156	Total	0+	235	164	F	-	133	CK0156	-	5157	CK0156	BM (4 cm)
15	No	12-Sep-2019	SOG	Chinook	CK0157	Total	0+	250	202	M	-	134	CK0157	-	5158	CK0157	
15	No	12-Sep-2019	SOG	Chinook	CK0158	Total	0+	236	180	F	-	135	CK0158	-	5159	CK0158	
16	No	12-Sep-2019	SOG	Chinook	CK0159	Select ¹	0+	212	121	F	ADCWT	136	CK0159	-	5160	CK0159	EIS
16	No	12-Sep-2019	SOG	Chinook	CK0160	Random	0+	218	133	F	-	137	CK0160	-	5161	CK0160	EIS
16	No	12-Sep-2019	SOG	Chinook	CK0161	Random	0+	241	175	F	-	138	CK0161	-	5162	CK0161	EIS
16	No	12-Sep-2019	SOG	Chinook	CK0162	Random	0+	245	199	F	-	139	CK0162	-	5163	CK0162	EIS
16	No	12-Sep-2019	SOG	Chinook	CK0163	Random	0+	244	207	M	-	140	CK0163	-	5164	CK0163	EIS
16	No	12-Sep-2019	SOG	Chinook	CK0164	Random	0+	235	171	F	-	141	CK0164	-	5165	CK0164	
16	No	12-Sep-2019	SOG	Chinook	CK0165	Random	0+	200	95	F	-	142	CK0165	-	5166	CK0165	
16	No	12-Sep-2019	SOG	Chinook	CK0166	Random	0+	201	103	M	-	143	CK0166	-	5167	CK0166	
16	No	12-Sep-2019	SOG	Chinook	CK0167	Random	0+	221	142	F	-	144	CK0167	-	5168	CK0167	
16	No	12-Sep-2019	SOG	Chinook	CK0168	Random	0+	228	135	M	-	145	CK0168	-	5169	CK0168	
16	No	12-Sep-2019	SOG	Chinook	CK0169	Random	0+	217	125	M	-	146	CK0169	-	5170	CK0169	
16	No	12-Sep-2019	SOG	Chinook	CK0170	Random	0+	221	122	M	-	147	CK0170	-	5171	CK0170	
16	No	12-Sep-2019	SOG	Chinook	CK0171	Random	0+	245	180	M	-	148	CK0171	-	5172	CK0171	
16	No	12-Sep-2019	SOG	Chinook	CK0172	Random	0+	219	118	F	-	149	CK0172	-	5173	CK0172	BM
16	No	12-Sep-2019	SOG	Chinook	CK0173	Random	0+	246	180	M	-	150	CK0173	-	5174	CK0173	
16	No	12-Sep-2019	SOG	Chinook	CK0174	Random	0+	211	125	F	-	151	CK0174	-	5175	CK0174	
16	No	12-Sep-2019	SOG	Chinook	-	Random	0+	238	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chinook	-	Random	0+	230	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chinook	-	Random	0+	216	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chinook	-	Random	0+	210	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chinook	-	Random	0+	210	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chinook	-	Random	0+	216	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chinook	-	Random	0+	241	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chinook	-	Random	0+	208	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chinook	-	Random	0+	220	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chinook	-	Random	0+	230	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chinook	-	Random	0+	210	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chinook	-	Random	0+	265	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chinook	-	Random	0+	238	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chinook	-	Random	0+	240	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chinook	-	Random	0+	229	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chinook	-	Random	0+	225	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chinook	-	Random	0+	206	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chinook	-	Random	0+	210	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
17	No	12-Sep-2019	SOG	Chinook	CK0175	Total	0+	238	159	F	ADCWT	152	CK0175	Yes	5176	CK0175	EIS
17	No	12-Sep-2019	SOG	Chinook	CK0176	Total	0+	235	166	F	ADCWT	153	CK0176	Yes	5177	CK0176	EIS
17	No	12-Sep-2019	SOG	Chinook	CK0177	Total	0+	233	171	M	-	154	CK0177	Yes	5178	CK0177	LAC (caudal peduncle); EIS
17	No	12-Sep-2019	SOG	Chinook	CK0178	Total	0+	226	149	M	-	155	CK0178	-	5179	CK0178	EIS
17	No	12-Sep-2019	SOG	Chinook	CK0179	Total	0+	214	122	F	-	156	CK0179	-	5180	CK0179	EIS
17	No	12-Sep-2019	SOG	Chinook	CK0180	Total	0+	201	98	M	-	157	CK0180	-	5181	CK0180	
17	No	12-Sep-2019	SOG	Chinook	CK0181	Total	0+	209	105	F	-	158	CK0181	-	5182	CK0181	
17	No	12-Sep-2019	SOG	Chinook	CK0182	Total	0+	258	224	M	-	159	CK0182	-	5183	CK0182	
17	No	12-Sep-2019	SOG	Chinook	CK0183	Total	0+	209	115	F	-	160	CK0183	-	5184	CK0183	
17	No	12-Sep-2019	SOG	Chinook	CK0184	Total	0+	201	103	F	-	161	CK0184	-	5185	CK0184	
17	No	12-Sep-2019	SOG	Chinook	CK0185	Total	0+	200	99	F	-	162	CK0185	-	5186	CK0185	BM (6 cm)
17	No	12-Sep-2019	SOG	Chinook	CK0186	Total	0+	206	106	F	-	163	CK0186	-	5187	CK0186	
17	No	12-Sep-2019	SOG	Chinook	CK0187	Total	0+	194	86	F	-	164	CK0187	-	5188	CK0187	
17	No	12-Sep-2019	SOG	Chinook	CK0188	Total	0+	190	74	M	-	165	CK0188	-	5189	CK0188	
17	No	12-Sep-2019	SOG	Chinook	CK0189	Total	0+	219	129	M	-	166	CK0189	-	5190	CK0189	
18	No	12-Sep-2019	DESO	Chinook	CK0190	Total	0+	225	162	M	-	167	CK0190	-	5191	CK0190	
19	No	12-Sep-2019	DESO	Chinook	CK0191	Total	0+	221	154	F	-	168	CK0191	Yes	5192	CK0191	EIS
19	No	12-Sep-2019	DESO	Chinook	CK0192	Total	0+	229	156	M	-	169	CK0192	Yes	5193	CK0192	EIS
20	No	12-Sep-2019	DESO	Chinook	CK0193	Total	0+	213	110	F	-	170	CK0193	-	5194	CK0193	EIS
20	No	12-Sep-2019	DESO	Chinook	CK0194	Total	0+	226	163	M	-	171	CK0194	-	5195	CK0194	GC; EIS
20	No	12-Sep-2019	DESO	Chinook	CK0195	Total	0+	219	121	M	-	172	CK0195	-	5196	CK0195	EIS
20	No	12-Sep-2019	DESO	Chinook	CK0196	Total	0+	205	106	F	-	173	CK0196	-	5197	CK0196	EIS
20	No	12-Sep-2019	DESO	Chinook	CK0197	Total	0+	235	180	F	-	174	CK0197	-	5198	CK0197	LEP (gravid); EIS
21	No	12-Sep-2019	DESO	Chinook	CK0198	Total	0+	185	79	F	-	175	CK0198	Yes	5199	CK0198	FH (tumour jaw)
21	No	12-Sep-2019	DESO	Chinook	CK0199	Total	0+	253	218	F	-	176	CK0199	Yes	5200	CK0199	
21	No	12-Sep-2019	DESO	Chinook	CK0200	Total	0+	176	71	M	-	177	CK0200	-	5201	CK0200	
21	No	12-Sep-2019	DESO	Chinook	CK0201	Total	0+	211	123	M	-	178	CK0201	Yes	5202	CK0201	
21	No	12-Sep-2019	DESO	Chinook	CK0202	Total	0+	180	76	F	-	179	CK0202	-	5203	CK0202	
21	No	12-Sep-2019	DESO	Chinook	CK0203	Total	0+	196	97	F	-	180	CK0203	-	5204	CK0203	
23	No	12-Sep-2019	DESO	Chinook	CK0204	Total	0+	211	118	F	ADCWT	181	CK0204	Yes	5205	CK0204	EIS
23	No	12-Sep-2019	DESO	Chinook	CK0205	Total	0+	210	123	F	-	182	CK0205	Yes	5206	CK0205	EIS
23	No	12-Sep-2019	DESO	Chinook	CK0206	Total	0+	230	151	-	-	183	CK0206	Yes	5207	CK0206	EIS
23	No	12-Sep-2019	DESO	Chinook	CK0207	Total	0+	217	127	M	-	184	CK0207	Yes	5208	CK0207	EIS
23	No	12-Sep-2019	DESO	Chinook	CK0208	Total	0+	201	106	F	-	185	CK0208	Yes	5209	CK0208	GC; EIS
23	No	12-Sep-2019	DESO	Chinook	CK0209	Total	0+	209	129	F	-	186	CK0209	Yes	5210	CK0209	
23	No	12-Sep-2019	DESO	Chinook	CK0210	Total	0+	206	121	-	-	-	CK0210	Yes	5211	-	
23	No	12-Sep-2019	DESO	Chinook	CK0211	Total	0+	201	104	-	-	-	CK0211	Yes	5212	-	
23	No	12-Sep-2019	DESO	Chinook	CK0212	Total	0+	188	95	-	-	-	CK0212	Yes	5213	-	
23	No	12-Sep-2019	DESO	Chinook	CK0213	Total	0+	209	113	-	-	-	CK0213	Yes	5214	-	
23	No	12-Sep-2019	DESO	Chinook	CK0214	Total	0+	193	96	-	-	-	CK0214	Yes	5215	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
23	No	12-Sep-2019	DESO	Chinook	CK0215	Total	1+	440	1123	F	-	187	CK0215	Yes	5216	-	
24	No	13-Sep-2019	DESO	Chinook	CK0216	Total	0+	235	159	M	-	188	CK0216	Yes	5217	CK0216	EIS
24	No	13-Sep-2019	DESO	Chinook	CK0217	Total	0+	239	197	M	-	189	CK0217	Yes	5218	CK0217	EIS
24	No	13-Sep-2019	DESO	Chinook	CK0218	Total	0+	196	92	F	-	190	CK0218	Yes	5219	CK0218	EIS
24	No	13-Sep-2019	DESO	Chinook	CK0219	Total	0+	230	141	F	-	191	CK0219	Yes	5220	CK0219	EIS
24	No	13-Sep-2019	DESO	Chinook	CK0220	Total	0+	237	154	F	-	192	CK0220	Yes	5221	CK0220	EIS
24	No	13-Sep-2019	DESO	Chinook	CK0221	Total	0+	218	121	M	-	193	CK0221	Yes	5222	CK0221	LEP (gravid)
24	No	13-Sep-2019	DESO	Chinook	CK0222	Total	0+	234	151	F	-	194	CK0222	Yes	5223	CK0222	
24	No	13-Sep-2019	DESO	Chinook	CK0223	Total	0+	204	97	M	-	195	CK0223	-	5224	CK0223	
24	No	13-Sep-2019	DESO	Chinook	CK0224	Total	0+	211	123	M	-	196	CK0224	-	5225	CK0224	
24	No	13-Sep-2019	DESO	Chinook	CK0225	Total	0+	201	101	M	-	197	CK0225	-	5226	CK0225	
24	No	13-Sep-2019	DESO	Chinook	CK0226	Total	1+	658	3786	M	-	198	CK0226	Yes	5227	CK0226	
24	No	13-Sep-2019	DESO	Chinook	CK0227	Total	0+	278	266	M	-	199	CK0227	-	5228	CK0227	
25	No	13-Sep-2019	DESO	Chinook	CK0228	Total	0+	209	107	F	ADCWT	200	CK0228	Yes	5229	CK0228	EIS
25	No	13-Sep-2019	DESO	Chinook	CK0229	Total	0+	226	142	F	-	201	CK0229	Yes	5230	CK0229	EIS
25	No	13-Sep-2019	DESO	Chinook	CK0230	Total	0+	232	144	M	-	202	CK0230	Yes	5231	CK0230	EIS
25	No	13-Sep-2019	DESO	Chinook	CK0231	Total	0+	214	117	F	-	203	CK0231	Yes	5232	CK0231	ABR (LV); EIS
25	No	13-Sep-2019	DESO	Chinook	CK0232	Total	0+	211	106	M	-	204	CK0232	Yes	5233	CK0232	EIS
25	No	13-Sep-2019	DESO	Chinook	CK0233	Total	0+	225	147	M	-	205	CK0233	Yes	5234	CK0233	EIS
25	No	13-Sep-2019	DESO	Chinook	CK0234	Total	0+	213	137	M	-	206	CK0234	Yes	5235	CK0234	Fatty; EIS
25	No	13-Sep-2019	DESO	Chinook	CK0235	Total	0+	195	93	M	-	207	CK0235	-	5236	CK0235	EIS
26	No	13-Sep-2019	DESO	Chinook	CK0236	Total	0+	210	125	M	ADCWT	208	CK0236	Yes	5237	CK0236	EIS
26	No	13-Sep-2019	DESO	Chinook	CK0237	Total	0+	221	131	F	ADCWT	209	CK0237	Yes	5238	CK0237	CAL; EIS
26	No	13-Sep-2019	DESO	Chinook	CK0238	Total	0+	266	238	F	-	210	CK0238	Yes	5239	CK0238	EIS
26	No	13-Sep-2019	DESO	Chinook	CK0239	Total	0+	291	317	-	-	211	CK0239	Yes	5240	CK0239	EIS
26	No	13-Sep-2019	DESO	Chinook	CK0240	Total	0+	246	186	F	-	212	CK0240	Yes	5241	CK0240	CAL; EIS
26	No	13-Sep-2019	DESO	Chinook	CK0241	Total	0+	235	182	F	-	213	CK0241	-	5242	CK0241	EIS
26	No	13-Sep-2019	DESO	Chinook	CK0242	Total	0+	249	198	F	-	214	CK0242	Yes	5243	CK0242	EIS
26	No	13-Sep-2019	DESO	Chinook	CK0243	Total	0+	215	116	F	-	215	CK0243	Yes	5244	CK0243	LAC (D3); EIS
26	No	13-Sep-2019	DESO	Chinook	CK0244	Total	0+	251	194	M	-	216	CK0244	Yes	5245	CK0244	EIS
26	No	13-Sep-2019	DESO	Chinook	CK0245	Total	0+	231	156	F	-	217	CK0245	Yes	5246	CK0245	EIS
26	No	13-Sep-2019	DESO	Chinook	CK0246	Total	0+	190	88	F	-	218	CK0246	-	5247	CK0246	EIS
27	No	13-Sep-2019	DESO	Chinook	CK0247	Total	1+	580	2491	F	-	219	CK0247	Yes	5248	CK0247	EIS
27	No	13-Sep-2019	DESO	Chinook	CK0248	Total	0+	260	229	-	ADCWT	220	CK0248	Yes	5249	CK0248	EIS
27	No	13-Sep-2019	DESO	Chinook	CK0249	Total	0+	229	156	M	-	221	CK0249	Yes	5250	CK0249	EIS
27	No	13-Sep-2019	DESO	Chinook	CK0250	Total	0+	223	143	F	-	222	CK0250	Yes	5251	CK0250	EIS
27	No	13-Sep-2019	DESO	Chinook	CK0251	Total	0+	215	122	F	-	223	CK0251	Yes	5252	CK0251	EIS
27	No	13-Sep-2019	DESO	Chinook	CK0252	Total	0+	220	129	M	-	224	CK0252	Yes	5253	CK0252	EIS
27	No	13-Sep-2019	DESO	Chinook	CK0253	Total	0+	229	154	F	-	225	CK0253	Yes	5254	CK0253	EIS
27	No	13-Sep-2019	DESO	Chinook	CK0254	Total	0+	252	245	M	-	226	CK0254	Yes	5255	CK0254	LAC (R2, 3 cm); EIS

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
29	No	13-Sep-2019	DESO	Chinook	CK0255	Total	0+	245	204	M	-	227	CK0255	Yes	5256	CK0255	EIS
29	No	13-Sep-2019	DESO	Chinook	CK0256	Total	0+	221	161	M	-	228	CK0256	Yes	5257	CK0256	EIS
31	No	13-Sep-2019	DISC	Chinook	CK0257	Total	0+	179	68	-	-	-	CK0257	-	5258	-	
31	No	13-Sep-2019	DISC	Chinook	CK0258	Total	0+	145	34	-	-	-	CK0258	-	5259	-	
31	No	13-Sep-2019	DISC	Chinook	CK0259	Total	0+	143	34	-	-	-	CK0259	-	5260	-	
31	No	13-Sep-2019	DISC	Chinook	CK0260	Total	0+	174	67	-	-	-	CK0260	-	5261	-	
31	No	13-Sep-2019	DISC	Chinook	CK0261	Total	0+	213	117	M	-	229	CK0261	Yes	5262	CK0261	EIS
31	No	13-Sep-2019	DISC	Chinook	CK0262	Total	0+	180	70	M	-	230	CK0262	Yes	5263	CK0262	EIS
31	No	13-Sep-2019	DISC	Chinook	CK0263	Total	0+	214	132	M	-	231	CK0263	Yes	5264	CK0263	EIS
31	No	13-Sep-2019	DISC	Chinook	CK0264	Total	0+	215	130	F	-	232	CK0264	Yes	5265	CK0264	EIS
31	No	13-Sep-2019	DISC	Chinook	CK0265	Total	0+	205	102	F	-	233	CK0265	Yes	5266	CK0265	EIS
31	No	13-Sep-2019	DISC	Chinook	CK0266	Total	0+	165	50	M	ADCWT	234	CK0266	Yes	5267	CK0266	EIS
31	No	13-Sep-2019	DISC	Chinook	CK0267	Total	0+	171	61	F	ADCWT	235	CK0267	Yes	5268	CK0267	EIS
31	No	13-Sep-2019	DISC	Chinook	CK0268	Total	0+	164	48	F	ADCWT	236	CK0268	Yes	5269	CK0268	EIS
31	No	13-Sep-2019	DISC	Chinook	CK0269	Total	0+	155	42	M	ADCWT	237	CK0269	Yes	5270	CK0269	EIS
31	No	13-Sep-2019	DISC	Chinook	CK0270	Total	0+	167	58	M	ADCWT	238	CK0270	Yes	5271	CK0270	EIS
31	No	13-Sep-2019	DISC	Chinook	CK0271	Total	0+	246	186	M	ADCWT	239	CK0271	Yes	5272	CK0271	EIS
31	No	13-Sep-2019	DISC	Chinook	CK0272	Total	0+	193	83	F	-	240	CK0272	Yes	5273	CK0272	EIS
31	No	13-Sep-2019	DISC	Chinook	CK0273	Total	0+	161	48	M	AD	241	CK0273	Yes	5274	CK0273	EIS
31	No	13-Sep-2019	DISC	Chinook	CK0274	Total	0+	148	40	-	-	242	CK0274	-	5275	CK0274	EIS
31	No	13-Sep-2019	DISC	Chinook	CK0275	Total	0+	175	64	F	-	243	CK0275	Yes	5276	CK0275	EIS
31	No	13-Sep-2019	DISC	Chinook	CK0276	Total	0+	152	39	M	-	244	CK0276	Yes	5277	CK0276	CAL; EIS
31	No	13-Sep-2019	DISC	Chinook	CK0277	Total	0+	164	50	F	-	245	CK0277	Yes	5278	CK0277	
31	No	13-Sep-2019	DISC	Chinook	CK0278	Total	0+	132	24	M	-	246	CK0278	Yes	5279	CK0278	EIS
31	No	13-Sep-2019	DISC	Chinook	CK0279	Total	0+	173	62	M	-	247	CK0279	-	5280	CK0279	EIS
32	No	14-Sep-2019	DISC	Chinook	CK0280	Total	0+	186	79	F	ADCWT	248	CK0280	Yes	5281	CK0280	EIS
32	No	14-Sep-2019	DISC	Chinook	CK0281	Total	0+	162	51	F	ADCWT	249	CK0281	Yes	5282	CK0281	EIS
32	No	14-Sep-2019	DISC	Chinook	CK0282	Total	0+	181	77	M	ADCWT	250	CK0282	Yes	5283	CK0282	EIS
32	No	14-Sep-2019	DISC	Chinook	CK0283	Total	0+	157	45	F	ADCWT	251	CK0283	-	5284	CK0283	EIS
32	No	14-Sep-2019	DISC	Chinook	CK0284	Total	0+	167	51	M	-	252	CK0284	Yes	5285	CK0284	EIS
32	No	14-Sep-2019	DISC	Chinook	CK0285	Total	0+	162	44	M	-	253	CK0285	-	5286	CK0285	EIS
32	No	14-Sep-2019	DISC	Chinook	CK0286	Total	0+	146	35	M	-	254	CK0286	-	5287	CK0286	EIS
32	No	14-Sep-2019	DISC	Chinook	CK0287	Total	0+	180	74	M	-	255	CK0287	Yes	5288	CK0287	EIS
32	No	14-Sep-2019	DISC	Chinook	CK0288	Total	0+	169	57	F	-	256	CK0288	-	5289	CK0288	EIS
32	No	14-Sep-2019	DISC	Chinook	CK0289	Total	0+	197	85	M	-	257	CK0289	Yes	5290	CK0289	EIS
32	No	14-Sep-2019	DISC	Chinook	CK0290	Total	0+	217	125	M	-	258	CK0290	Yes	5291	CK0290	EIS
32	No	14-Sep-2019	DISC	Chinook	CK0291	Total	0+	212	111	F	-	259	CK0291	Yes	5292	CK0291	EIS
32	No	14-Sep-2019	DISC	Chinook	CK0292	Total	0+	150	37	-	-	-	CK0292	-	5293	-	
32	No	14-Sep-2019	DISC	Chinook	CK0293	Total	0+	164	50	-	-	-	CK0293	-	5294	-	
32	No	14-Sep-2019	DISC	Chinook	CK0294	Total	0+	190	83	-	-	-	CK0294	-	5295	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
32	No	14-Sep-2019	DISC	Chinook	CK0295	Total	0+	147	38	-	-	-	CK0295	-	5296	-	
32	No	14-Sep-2019	DISC	Chinook	CK0296	Total	0+	148	39	-	-	-	CK0296	-	5297	-	
33	No	14-Sep-2019	DISC	Chinook	CK0297	Total	0+	155	41	F	ADCWT	260	CK0297	Yes	5298	CK0297	EIS
33	No	14-Sep-2019	DISC	Chinook	CK0298	Total	0+	185	72	F	ADCWT	261	CK0298	Yes	5299	CK0298	EIS
33	No	14-Sep-2019	DISC	Chinook	CK0299	Total	0+	161	47	M	-	262	CK0299	Yes	5300	CK0299	EIS
33	No	14-Sep-2019	DISC	Chinook	CK0300	Total	0+	196	91	M	-	263	CK0300	Yes	5301	CK0300	EIS
33	No	14-Sep-2019	DISC	Chinook	CK0301	Total	0+	192	79	F	-	264	CK0301	Yes	5302	CK0301	EIS
34	No	14-Sep-2019	DISC	Chinook	CK0302	Select ¹	0+	152	41	M	ADCWT	265	CK0302	Yes	5308	CK0302	LW (LD3)
34	No	14-Sep-2019	DISC	Chinook	CK0303	Random	0+	166	51	M	ADCWT	266	CK0303	-	5309	CK0303	EIS
34	No	14-Sep-2019	DISC	Chinook	CK0304	Random	0+	175	65	M	ADCWT	267	CK0304	Yes	5310	CK0304	EIS
34	No	14-Sep-2019	DISC	Chinook	CK0305	Random	0+	189	80	M	ADCWT	268	CK0305	-	5311	CK0305	EIS
34	No	14-Sep-2019	DISC	Chinook	CK0306	Random	0+	257	222	F	-	269	CK0306	Yes	5312	CK0306	EIS
34	No	14-Sep-2019	DISC	Chinook	CK0307	Random	0+	209	105	F	-	270	CK0307	Yes	5313	CK0307	EIS
34	No	14-Sep-2019	DISC	Chinook	CK0308	Random	0+	191	85	F	-	271	CK0308	Yes	5314	CK0308	EIS
34	No	14-Sep-2019	DISC	Chinook	CK0309	Random	0+	240	174	M	-	272	CK0309	Yes	5315	CK0309	EIS
34	No	14-Sep-2019	DISC	Chinook	CK0310	Random	0+	216	123	F	-	273	CK0310	Yes	5316	CK0310	EIS
34	No	14-Sep-2019	DISC	Chinook	CK0311	Random	0+	148	37	M	-	274	CK0311	Yes	5317	CK0311	EIS
34	No	14-Sep-2019	DISC	Chinook	CK0312	Random	0+	190	75	M	-	275	CK0312	-	5318	CK0312	EIS
34	No	14-Sep-2019	DISC	Chinook	CK0313	Random	0+	167	56	F	-	276	CK0313	-	5319	CK0313	EIS
34	No	14-Sep-2019	DISC	Chinook	CK0314	Random	0+	224	139	M	-	277	CK0314	Yes	5320	CK0314	EIS
34	No	14-Sep-2019	DISC	Chinook	CK0315	Random	0+	193	88	M	-	278	CK0315	Yes	5321	CK0315	EIS
34	No	14-Sep-2019	DISC	Chinook	CK0316	Random	0+	189	80	F	-	279	CK0316	-	5322	CK0316	EIS
34	No	14-Sep-2019	DISC	Chinook	CK0317	Random	0+	144	35	M	-	280	CK0317	Yes	5323	CK0317	EIS
34	No	14-Sep-2019	DISC	Chinook	CK0318	Random	0+	155	40	-	-	-	CK0318	-	5303	-	
34	No	14-Sep-2019	DISC	Chinook	CK0319	Random	0+	166	53	-	-	-	CK0319	-	5304	-	
34	No	14-Sep-2019	DISC	Chinook	CK0320	Random	0+	165	52	-	-	-	CK0320	-	5305	-	
34	No	14-Sep-2019	DISC	Chinook	CK0321	Random	0+	172	55	-	-	-	CK0321	-	5306	-	
34	No	14-Sep-2019	DISC	Chinook	CK0322	Random	0+	177	62	-	-	-	CK0322	-	5307	-	
35	No	14-Sep-2019	DISC	Chinook	CK0323	Total	0+	219	126	M	-	281	CK0323	Yes	5324	CK0323	EIS
35	No	14-Sep-2019	DISC	Chinook	CK0324	Total	0+	212	113	F	-	282	CK0324	Yes	5325	CK0324	EIS
35	No	14-Sep-2019	DISC	Chinook	CK0325	Total	0+	160	41	F	-	283	CK0325	-	5326	CK0325	EIS
35	No	14-Sep-2019	DISC	Chinook	CK0326	Total	0+	199	92	-	-	284	CK0326	Yes	5327	CK0326	LAC (RV2, 5 cm); EIS
35	No	14-Sep-2019	DISC	Chinook	CK0327	Total	0+	184	61	-	-	-	CK0327	Yes	5328	-	
35	No	14-Sep-2019	DISC	Chinook	CK0328	Total	0+	175	59	-	-	-	CK0328	Yes	5329	-	
35	No	14-Sep-2019	DISC	Chinook	CK0329	Total	0+	151	38	-	-	-	CK0329	-	5330	-	
36	No	14-Sep-2019	DISC	Chinook	CK0330	Total	0+	140	29	-	-	-	CK0330	-	5331	-	
36	No	14-Sep-2019	DISC	Chinook	CK0331	Total	0+	148	33	-	-	-	CK0331	-	5332	-	
36	No	14-Sep-2019	DISC	Chinook	CK0332	Total	0+	116	16	-	-	-	CK0332	-	5333	-	
36	No	14-Sep-2019	DISC	Chinook	CK0333	Total	0+	138	29	-	-	-	CK0333	-	5334	-	
36	No	14-Sep-2019	DISC	Chinook	CK0334	Total	0+	122	20	-	-	-	CK0334	-	5335	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
36	No	14-Sep-2019	DISC	Chinook	CK0335	Total	0+	164	49	-	-	-	CK0335	-	5336	-	
36	No	14-Sep-2019	DISC	Chinook	CK0336	Total	0+	148	36	-	-	-	CK0336	-	5337	-	
36	No	14-Sep-2019	DISC	Chinook	CK0337	Total	0+	113	16	-	-	-	CK0337	-	5338	-	
36	No	14-Sep-2019	DISC	Chinook	CK0338	Total	0+	160	44	-	-	-	CK0338	-	5339	-	
36	No	14-Sep-2019	DISC	Chinook	CK0339	Total	0+	137	29	M	ADCWT	285	CK0339	-	5340	CK0339	EIS
36	No	14-Sep-2019	DISC	Chinook	CK0340	Total	0+	168	52	F	ADCWT	286	CK0340	Yes	5341	CK0340	EIS
36	No	14-Sep-2019	DISC	Chinook	CK0341	Total	0+	155	41	M	ADCWT	287	CK0341	-	5342	CK0341	EIS
36	No	14-Sep-2019	DISC	Chinook	CK0342	Total	0+	175	57	F	ADCWT	288	CK0342	-	5343	CK0342	EIS
36	No	14-Sep-2019	DISC	Chinook	CK0343	Total	0+	173	60	M	ADCWT	289	CK0343	Yes	5344	CK0343	EIS
36	No	14-Sep-2019	DISC	Chinook	CK0344	Total	0+	135	26	F	LPC	290	CK0344	Yes	5345	CK0344	EIS
36	No	14-Sep-2019	DISC	Chinook	CK0345	Total	0+	138	30	F	-	291	CK0345	Yes	5346	CK0345	CAL; EIS
36	No	14-Sep-2019	DISC	Chinook	CK0346	Total	0+	141	33	M	-	292	CK0346	Yes	5347	CK0346	EIS
36	No	14-Sep-2019	DISC	Chinook	CK0347	Total	0+	105	13	M	-	293	CK0347	Yes	5348	CK0347	EIS
36	No	14-Sep-2019	DISC	Chinook	CK0348	Total	0+	134	26	M	-	294	CK0348	Yes	5349	CK0348	EIS
36	No	14-Sep-2019	DISC	Chinook	CK0349	Total	0+	186	84	M	-	295	CK0349	Yes	5350	CK0349	EIS
36	No	14-Sep-2019	DISC	Chinook	CK0350	Total	0+	186	72	M	-	296	CK0350	-	5351	CK0350	EIS
36	No	14-Sep-2019	DISC	Chinook	CK0351	Total	0+	130	25	M	-	297	CK0351	Yes	5352	CK0351	CAL; EIS
36	No	14-Sep-2019	DISC	Chinook	CK0352	Total	0+	136	30	F	-	298	CK0352	-	5353	CK0352	CAL; EIS
36	No	14-Sep-2019	DISC	Chinook	CK0353	Total	0+	149	36	M	-	299	CK0353	-	5354	CK0353	CAL; EIS
36	No	14-Sep-2019	DISC	Chinook	CK0354	Total	0+	134	28	F	-	300	CK0354	-	5355	CK0354	CAL; EIS
37	No	14-Sep-2019	DISC	Chinook	CK0355	Select ¹	0+	154	45	M	ADCWT	301	CK0355	Yes	5376	CK0355	EIS
37	No	14-Sep-2019	DISC	Chinook	CK0356	Select ¹	0+	149	36	F	ADCWT	302	CK0356	Yes	5377	CK0356	EIS
37	No	14-Sep-2019	DISC	Chinook	CK0357	Random	0+	160	45	M	ADCWT	303	CK0357	Yes	5378	CK0357	EIS
37	No	14-Sep-2019	DISC	Chinook	CK0358	Random	0+	170	54	M	ADCWT	304	CK0358	Yes	5379	CK0358	EIS
37	No	14-Sep-2019	DISC	Chinook	CK0359	Random	0+	200	93	F	-	305	CK0359	Yes	5380	CK0359	EIS
37	No	14-Sep-2019	DISC	Chinook	CK0360	Random	0+	252	199	M	-	306	CK0360	Yes	5381	CK0360	LEP (gravid); EIS
37	No	14-Sep-2019	DISC	Chinook	CK0361	Random	0+	197	90	M	-	307	CK0361	Yes	5382	CK0361	EIS
37	No	14-Sep-2019	DISC	Chinook	CK0362	Random	0+	152	38	F	-	308	CK0362	Yes	5383	CK0362	EIS
37	No	14-Sep-2019	DISC	Chinook	CK0363	Random	0+	180	62	F	-	309	CK0363	Yes	5384	CK0363	EIS
37	No	14-Sep-2019	DISC	Chinook	CK0364	Random	0+	126	22	M	-	310	CK0364	Yes	5385	CK0364	EIS
37	No	14-Sep-2019	DISC	Chinook	CK0365	Random	0+	210	103	M	-	311	CK0365	Yes	5386	CK0365	EIS
37	No	14-Sep-2019	DISC	Chinook	CK0366	Random	0+	164	47	F	-	312	CK0366	Yes	5387	CK0366	EIS
37	No	14-Sep-2019	DISC	Chinook	CK0367	Random	0+	163	48	M	-	313	CK0367	Yes	5388	CK0367	EIS
37	No	14-Sep-2019	DISC	Chinook	CK0368	Random	0+	148	36	M	-	314	CK0368	Yes	5389	CK0368	EIS
37	No	14-Sep-2019	DISC	Chinook	CK0369	Random	0+	132	25	M	-	315	CK0369	Yes	5390	CK0369	EIS
37	No	14-Sep-2019	DISC	Chinook	CK0370	Random	0+	151	37	F	-	316	CK0370	Yes	5391	CK0370	EIS
37	No	14-Sep-2019	DISC	Chinook	CK0371	Random	0+	122	20	M	-	317	CK0371	-	5392	CK0371	EIS
37	No	14-Sep-2019	DISC	Chinook	CK0372	Random	0+	189	80	-	-	-	CK0372	-	5356	-	
37	No	14-Sep-2019	DISC	Chinook	CK0373	Random	0+	123	21	-	-	-	CK0373	-	5357	-	
37	No	14-Sep-2019	DISC	Chinook	CK0374	Random	0+	172	59	-	-	-	CK0374	-	5358	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
37	No	14-Sep-2019	DISC	Chinook	CK0375	Random	0+	155	39	-	-	-	CK0375	-	5359	-	
37	No	14-Sep-2019	DISC	Chinook	CK0376	Random	0+	136	25	-	-	-	CK0376	-	5360	-	
37	No	14-Sep-2019	DISC	Chinook	CK0377	Random	0+	145	33	-	-	-	CK0377	-	5361	-	
37	No	14-Sep-2019	DISC	Chinook	CK0378	Random	0+	154	45	-	-	-	CK0378	-	5362	-	
37	No	14-Sep-2019	DISC	Chinook	CK0379	Random	0+	143	31	-	-	-	CK0379	-	5363	-	
37	No	14-Sep-2019	DISC	Chinook	CK0380	Random	0+	137	25	-	-	-	CK0380	-	5364	-	
37	No	14-Sep-2019	DISC	Chinook	CK0381	Random	0+	146	35	-	-	-	CK0381	-	5365	-	
37	No	14-Sep-2019	DISC	Chinook	CK0382	Random	0+	176	61	-	-	-	CK0382	-	5366	-	
37	No	14-Sep-2019	DISC	Chinook	CK0383	Random	0+	137	27	-	-	-	CK0383	-	5367	-	
37	No	14-Sep-2019	DISC	Chinook	CK0384	Random	0+	180	67	-	-	-	CK0384	-	5368	-	
37	No	14-Sep-2019	DISC	Chinook	CK0385	Random	0+	130	21	-	-	-	CK0385	-	5369	-	
37	No	14-Sep-2019	DISC	Chinook	CK0386	Random	0+	155	41	-	-	-	CK0386	-	5370	-	
37	No	14-Sep-2019	DISC	Chinook	CK0387	Random	0+	131	26	-	-	-	CK0387	-	5371	-	
37	No	14-Sep-2019	DISC	Chinook	CK0388	Random	0+	123	19	-	-	-	CK0388	-	5372	-	
37	No	14-Sep-2019	DISC	Chinook	CK0389	Random	0+	128	24	-	-	-	CK0389	-	5373	-	
37	No	14-Sep-2019	DISC	Chinook	CK0390	Random	0+	137	26	-	-	-	CK0390	-	5374	-	
37	No	14-Sep-2019	DISC	Chinook	CK0391	Random	0+	150	39	-	-	-	CK0391	-	5375	-	
37	No	14-Sep-2019	DISC	Chinook	CK0392	Select ¹	0+	154	43	F	ADCWT	318	CK0392	-	5393	CK0392	EIS
38	No	14-Sep-2019	DISC	Chinook	CK0393	Total	0+	151	43	M	ADCWT	319	CK0393	-	5402	CK0393	EIS
38	No	14-Sep-2019	DISC	Chinook	CK0394	Total	0+	167	54	M	ADCWT	320	CK0394	Yes	5403	CK0394	EIS
38	No	14-Sep-2019	DISC	Chinook	CK0395	Total	0+	150	39	F	-	321	CK0395	-	5404	CK0395	EIS
38	No	14-Sep-2019	DISC	Chinook	CK0396	Total	0+	155	39	F	-	322	CK0396	Yes	5405	CK0396	EIS
38	No	14-Sep-2019	DISC	Chinook	CK0397	Total	0+	153	38	F	-	323	CK0397	Yes	5406	CK0397	EIS
38	No	14-Sep-2019	DISC	Chinook	CK0398	Total	0+	156	41	F	-	324	CK0398	Yes	5407	CK0398	EIS
38	No	14-Sep-2019	DISC	Chinook	CK0399	Total	0+	125	22	M	-	325	CK0399	-	5408	CK0399	EIS
38	No	14-Sep-2019	DISC	Chinook	CK0400	Total	0+	171	57	M	-	326	CK0400	Yes	5409	CK0400	EIS
38	No	14-Sep-2019	DISC	Chinook	CK0401	Total	0+	204	102	F	-	327	CK0401	Yes	5410	CK0401	EIS
38	No	14-Sep-2019	DISC	Chinook	CK0402	Total	0+	159	50	F	-	328	CK0402	Yes	5411	CK0402	EIS
38	No	14-Sep-2019	DISC	Chinook	CK0403	Total	0+	175	61	M	-	329	CK0403	Yes	5412	CK0403	EIS
38	No	14-Sep-2019	DISC	Chinook	CK0404	Total	0+	148	36	-	-	-	CK0404	-	5394	-	
38	No	14-Sep-2019	DISC	Chinook	CK0405	Total	0+	125	19	-	-	-	CK0405	-	5395	-	
38	No	14-Sep-2019	DISC	Chinook	CK0406	Total	0+	148	35	-	-	-	CK0406	-	5396	-	
38	No	14-Sep-2019	DISC	Chinook	CK0407	Total	0+	150	37	-	-	-	CK0407	-	5397	-	
38	No	14-Sep-2019	DISC	Chinook	CK0408	Total	0+	136	27	-	-	-	CK0408	-	5398	-	
38	No	14-Sep-2019	DISC	Chinook	CK0409	Total	0+	126	18	-	-	-	CK0409	-	5399	-	
38	No	14-Sep-2019	DISC	Chinook	CK0410	Total	0+	130	23	-	-	-	CK0410	-	5400	-	
38	No	14-Sep-2019	DISC	Chinook	CK0411	Total	0+	157	42	-	-	-	CK0411	-	5401	-	
40	No	15-Sep-2019	SOG	Chinook	CK0412	Total	0+	263	213	F	-	330	CK0412	Yes	5413	CK0412	EIS
40	No	15-Sep-2019	SOG	Chinook	CK0413	Total	0+	201	97	M	-	331	CK0413	Yes	5414	CK0413	EIS
40	No	15-Sep-2019	SOG	Chinook	CK0414	Total	0+	205	93	F	-	332	CK0414	-	5415	CK0414	EIS

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
40	No	15-Sep-2019	SOG	Chinook	CK0415	Total	0+	171	60	M	-	333	CK0415	Yes	5416	CK0415	EIS
40	No	15-Sep-2019	SOG	Chinook	CK0416	Total	0+	206	100	M	-	334	CK0416	-	5417	CK0416	BM (7 cm); EIS
41	Yes	15-Sep-2019	SOG	Chinook	CK0417	Total	1+	760	-	-	-	-	-	Yes	5418	-	
41	Yes	15-Sep-2019	SOG	Chinook	CK0418	Random	0+	230	146	M	ADCWT	335	CK0418	Yes	5419	CK0418	EIS
41	Yes	15-Sep-2019	SOG	Chinook	CK0419	Random	0+	236	182	M	-	336	CK0419	-	5420	CK0419	EIS
41	Yes	15-Sep-2019	SOG	Chinook	CK0420	Random	0+	228	130	M	-	337	CK0420	Yes	5421	CK0420	EIS
41	Yes	15-Sep-2019	SOG	Chinook	CK0421	Random	0+	257	227	M	-	338	CK0421	Yes	5422	CK0421	EIS
41	Yes	15-Sep-2019	SOG	Chinook	CK0422	Random	0+	233	150	F	-	339	CK0422	-	5423	CK0422	EIS
41	Yes	15-Sep-2019	SOG	Chinook	CK0423	Random	0+	266	228	F	-	340	CK0423	Yes	5424	CK0423	EIS
41	Yes	15-Sep-2019	SOG	Chinook	CK0424	Random	0+	251	213	F	-	341	CK0424	-	5425	CK0424	LAC (LV3, 2 cm); EIS
41	Yes	15-Sep-2019	SOG	Chinook	CK0425	Random	0+	222	142	M	-	342	CK0425	Yes	5426	CK0425	EIS
41	Yes	15-Sep-2019	SOG	Chinook	CK0426	Random	0+	228	147	M	-	343	CK0426	-	5427	CK0426	CAL; EIS
42	Yes	15-Sep-2019	SOG	Chinook	CK0427	Total	0+	275	268	M	ADCWT	344	CK0427	Yes	5428	CK0427	GC; EIS
42	Yes	15-Sep-2019	SOG	Chinook	CK0428	Total	0+	251	200	F	-	345	CK0428	Yes	5429	CK0428	EIS
42	Yes	15-Sep-2019	SOG	Chinook	CK0429	Total	0+	240	179	F	-	346	CK0429	Yes	5430	CK0429	EIS
42	Yes	15-Sep-2019	SOG	Chinook	CK0430	Total	0+	229	151	M	-	347	CK0430	Yes	5431	CK0430	EIS
42	Yes	15-Sep-2019	SOG	Chinook	CK0431	Total	0+	220	125	F	-	348	CK0431	Yes	5432	CK0431	EIS
42	Yes	15-Sep-2019	SOG	Chinook	CK0432	Total	0+	245	198	F	-	349	CK0432	Yes	5433	CK0432	EIS
42	Yes	15-Sep-2019	SOG	Chinook	CK0433	Total	0+	230	145	F	-	350	CK0433	-	5434	CK0433	EIS
42	Yes	15-Sep-2019	SOG	Chinook	CK0434	Total	1+	434	1011	F	-	351	CK0434	Yes	5435	CK0434	
42	Yes	15-Sep-2019	SOG	Chinook	CK0435	Total	1+	433	1085	F	AD	352	CK0435	Yes	5436	CK0435	
43	Yes	15-Sep-2019	SOG	Chinook	CK0436	Total	0+	252	201	M	-	353	CK0436	Yes	5437	CK0436	
43	Yes	15-Sep-2019	SOG	Chinook	CK0437	Total	0+	228	144	F	-	354	CK0437	-	5438	CK0437	
43	Yes	15-Sep-2019	SOG	Chinook	CK0438	Total	0+	236	155	M	-	355	CK0438	-	5439	CK0438	
43	Yes	15-Sep-2019	SOG	Chinook	CK0439	Total	0+	211	123	M	-	356	CK0439	-	5440	CK0439	
43	Yes	15-Sep-2019	SOG	Chinook	CK0440	Total	0+	230	151	F	-	357	CK0440	-	5441	CK0440	
43	Yes	15-Sep-2019	SOG	Chinook	CK0441	Total	1+	420	808	F	CWT	358	CK0441	Yes	5442	CK0441	
43	Yes	15-Sep-2019	SOG	Chinook	CK0442	Total	1+	506	1701	F	AD	359	CK0442	Yes	5443	CK0442	
43	Yes	15-Sep-2019	SOG	Chinook	CK0443	Total	1+	405	860	F	-	360	CK0443	Yes	5444	CK0443	
44	No	15-Sep-2019	SOG	Chinook	CK0444	Total	0+	235	152	-	-	-	CK0444	-	5445	-	
44	No	15-Sep-2019	SOG	Chinook	CK0445	Total	0+	225	141	-	-	-	CK0445	-	5446	-	
44	No	15-Sep-2019	SOG	Chinook	CK0446	Total	0+	219	125	-	-	-	CK0446	-	5447	-	
44	No	15-Sep-2019	SOG	Chinook	CK0447	Total	0+	245	183	-	-	-	CK0447	-	5448	-	
45	No	15-Sep-2019	SOG	Chinook	CK0448	Total	0+	253	185	M	ADCWT	361	CK0448	Yes	5449	CK0448	W (R1, healed); EIS
45	No	15-Sep-2019	SOG	Chinook	CK0449	Total	0+	241	167	M	-	362	CK0449	Yes	5450	CK0449	ABR (LV2, 1 cm); EIS
45	No	15-Sep-2019	SOG	Chinook	CK0450	Total	0+	217	127	M	-	363	CK0450	Yes	5451	CK0450	EIS
45	No	15-Sep-2019	SOG	Chinook	CK0451	Total	0+	231	150	F	-	364	CK0451	-	5452	CK0451	EIS
45	No	15-Sep-2019	SOG	Chinook	CK0452	Total	0+	228	144	F	-	365	CK0452	Yes	5453	CK0452	EIS
46	No	15-Sep-2019	DESO	Chinook	CK0453	Total	0+	243	182	F	ADCWT	366	CK0453	-	5455	CK0453	EIS
46	No	15-Sep-2019	DESO	Chinook	CK0454	Total	0+	240	177	M	-	367	CK0454	-	5456	CK0454	EIS

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
46	No	15-Sep-2019	DESO	Chinook	CK0455	Total	0+	191	83	M	-	368	CK0455	-	5457	CK0455	EIS
46	No	15-Sep-2019	DESO	Chinook	CK0456	Total	0+	235	162	F	-	369	CK0456	Yes	5458	CK0456	EIS
46	No	15-Sep-2019	DESO	Chinook	CK0457	Total	1+	640	3224	M	-	-	-	Yes	5454	-	
47	No	15-Sep-2019	DESO	Chinook	CK0458	Total	0+	180	73	-	-	-	CK0458	-	5459	-	
47	No	15-Sep-2019	DESO	Chinook	CK0459	Total	0+	225	133	-	-	-	CK0459	-	5460	-	
47	No	15-Sep-2019	DESO	Chinook	CK0460	Total	0+	230	146	-	-	-	CK0460	-	5461	-	
47	No	15-Sep-2019	DESO	Chinook	CK0461	Total	0+	255	219	-	-	-	CK0461	-	5462	-	CAL
48	No	15-Sep-2019	DESO	Chinook	CK0461	Total	0+	175	62	M	ADCWT	370	CK0461	-	5464	CK0461	EIS
48	No	15-Sep-2019	DESO	Chinook	CK0462	Total	0+	270	261	M	-	371	CK0462	Yes	5465	CK0462	LES (RV1, 1 cm); EIS
48	No	15-Sep-2019	DESO	Chinook	CK0463	Total	0+	232	159	M	-	372	CK0463	-	5466	CK0463	BM; EIS
48	No	15-Sep-2019	DESO	Chinook	CK0464	Total	0+	209	116	M	-	373	CK0464	-	5467	CK0464	BM; EIS
48	No	15-Sep-2019	DESO	Chinook	CK0465	Total	0+	220	122	F	-	374	CK0465	-	5468	CK0465	EIS
48	No	15-Sep-2019	DESO	Chinook	CK0466	Total	0+	198	88	M	-	375	CK0466	-	5469	CK0466	EIS
48	No	15-Sep-2019	DESO	Chinook	CK0467	Total	0+	208	111	M	-	376	CK0467	-	5470	CK0467	EIS
48	No	15-Sep-2019	DESO	Chinook	CK0468	Total	0+	220	129	F	-	377	CK0468	Yes	5471	CK0468	EIS
48	No	15-Sep-2019	DESO	Chinook	CK0469	Total	0+	215	128	M	-	378	CK0469	-	5472	CK0469	EIS
48	No	15-Sep-2019	DESO	Chinook	CK0470	Total	0+	197	98	M	-	379	CK0470	Yes	5473	CK0470	EIS
48	No	15-Sep-2019	DESO	Chinook	CK0471	Total	0+	253	236	F	-	380	CK0471	-	5474	CK0471	Fat; EIS
48	No	15-Sep-2019	DESO	Chinook	CK0472	Total	0+	226	140	M	-	381	CK0472	-	5475	CK0472	EIS
48	No	15-Sep-2019	DESO	Chinook	CK0473	Total	0+	228	149	F	-	382	CK0473	-	5476	CK0473	EIS
48	No	15-Sep-2019	DESO	Chinook	CK0474	Total	0+	246	192	F	-	383	CK0474	-	5477	CK0474	EIS
48	No	15-Sep-2019	DESO	Chinook	CK0475	Total	0+	226	160	M	-	384	CK0475	-	5478	CK0475	EIS
48	No	15-Sep-2019	DESO	Chinook	CK0476	Total	0+	221	136	-	-	-	CK0476	-	5479	-	
48	No	15-Sep-2019	DESO	Chinook	CK0477	Total	0+	199	94	-	-	-	CK0477	-	5480	-	
48	No	15-Sep-2019	DESO	Chinook	CK0478	Total	0+	180	70	-	-	-	CK0478	-	5481	-	BM
48	No	15-Sep-2019	DESO	Chinook	CK0479	Total	1+	880	-	-	-	-	-	Yes	5463	-	
49	No	15-Sep-2019	DESO	Chinook	CK0480	Total	0+	210	124	M	ADCWT	385	CK0480	Yes	5482	CK0480	
49	No	15-Sep-2019	DESO	Chinook	CK0481	Total	0+	244	179	M	-	386	CK0481	Yes	5483	CK0481	
49	No	15-Sep-2019	DESO	Chinook	CK0482	Total	0+	237	169	M	-	387	CK0482	Yes	5484	CK0482	
49	No	15-Sep-2019	DESO	Chinook	CK0483	Total	0+	245	201	F	-	388	CK0483	Yes	5485	CK0483	BM
49	No	15-Sep-2019	DESO	Chinook	CK0484	Total	0+	223	129	F	-	389	CK0484	Yes	5486	CK0484	
49	No	15-Sep-2019	DESO	Chinook	CK0485	Total	0+	194	90	M	-	390	CK0485	Yes	5487	CK0485	
49	No	15-Sep-2019	DESO	Chinook	CK0486	Total	0+	219	128	F	-	391	CK0486	Yes	5488	CK0486	
49	No	15-Sep-2019	DESO	Chinook	CK0487	Total	0+	219	123	-	-	-	CK0487	Yes	5489	-	
49	No	15-Sep-2019	DESO	Chinook	CK0488	Total	0+	204	102	-	-	-	CK0488	Yes	5490	-	
49	No	15-Sep-2019	DESO	Chinook	CK0489	Total	0+	208	110	-	-	-	CK0489	Yes	5491	-	
49	No	15-Sep-2019	DESO	Chinook	CK0490	Total	0+	201	98	-	-	-	CK0490	Yes	5492	-	
49	No	15-Sep-2019	DESO	Chinook	CK0491	Total	0+	223	133	-	-	-	CK0491	Yes	5493	-	
50	Yes	16-Sep-2019	SOG	Chinook	CK0492	Total	0+	220	133	F	-	392	CK0492	Yes	5494	CK0492	
50	Yes	16-Sep-2019	SOG	Chinook	CK0493	Total	0+	264	212	F	-	393	CK0493	Yes	5495	CK0493	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
50	Yes	16-Sep-2019	SOG	Chinook	CK0494	Total	0+	233	151	F	-	394	CK0494	Yes	5496	CK0494	
50	Yes	16-Sep-2019	SOG	Chinook	CK0495	Total	0+	285	306	M	-	395	CK0495	Yes	5497	CK0495	
50	Yes	16-Sep-2019	SOG	Chinook	CK0496	Total	0+	260	232	M	-	396	CK0496	Yes	5498	CK0496	
50	Yes	16-Sep-2019	SOG	Chinook	CK0497	Total	0+	246	194	F	-	397	CK0497	Yes	5499	CK0497	
50	Yes	16-Sep-2019	SOG	Chinook	CK0498	Total	0+	225	156	F	-	398	CK0498	Yes	5500	CK0498	
50	Yes	16-Sep-2019	SOG	Chinook	CK0499	Total	0+	205	104	F	-	399	CK0499	Yes	5701	CK0499	
50	Yes	16-Sep-2019	SOG	Chinook	CK0500	Total	0+	251	204	M	-	400	CK0500	-	5702	CK0500	
50	Yes	16-Sep-2019	SOG	Chinook	CK0501	Total	0+	228	149	M	-	401	CK0501	-	5703	CK0501	
50	Yes	16-Sep-2019	SOG	Chinook	CK0502	Total	0+	280	287	-	ADCWT	402	CK0502	-	5704	-	
50	Yes	16-Sep-2019	SOG	Chinook	CK0503	Total	1+	485	1505	F	-	403	CK0503	Yes	5705	CK0503	
50	Yes	16-Sep-2019	SOG	Chinook	CK0504	Total	1+	509	1664	F	-	404	CK0504	Yes	5706	CK0504	
50	Yes	16-Sep-2019	SOG	Chinook	CK0505	Total	1+	445	938	F	-	405	CK0505	Yes	5707	CK0505	
50	Yes	16-Sep-2019	SOG	Chinook	CK0506	Total	1+	412	813	F	-	406	CK0506	Yes	5708	CK0506	
51	Yes	16-Sep-2019	SOG	Chinook	CK0507	Total	0+	220	138	M	-	407	CK0507	Yes	5709	CK0507	EIS
51	Yes	16-Sep-2019	SOG	Chinook	CK0508	Total	0+	212	111	F	-	408	CK0508	Yes	5710	CK0508	EIS
51	Yes	16-Sep-2019	SOG	Chinook	CK0509	Total	0+	230	144	M	-	409	CK0509	Yes	5711	CK0509	EIS
51	Yes	16-Sep-2019	SOG	Chinook	CK0510	Total	0+	233	155	F	-	410	CK0510	Yes	5712	CK0510	EIS
51	Yes	16-Sep-2019	SOG	Chinook	CK0511	Total	0+	226	135	M	-	411	CK0511	Yes	5713	CK0511	EIS
51	Yes	16-Sep-2019	SOG	Chinook	CK0512	Total	0+	210	116	-	-	412	CK0512	Yes	5714	CK0512	EIS
51	Yes	16-Sep-2019	SOG	Chinook	CK0513	Total	0+	220	129	M	-	413	CK0513	-	5715	CK0513	EIS
52	Yes	16-Sep-2019	SOG	Chinook	CK0514	Total	0+	226	158	F	ADCWT	414	CK0514	Yes	5716	CK0514	
52	Yes	16-Sep-2019	SOG	Chinook	CK0515	Total	0+	175	66	F	-	415	CK0515	Yes	5717	CK0515	
52	Yes	16-Sep-2019	SOG	Chinook	CK0516	Total	0+	205	94	F	-	416	CK0516	Yes	5718	CK0516	
53	Yes	16-Sep-2019	SOG	Chinook	CK0517	Total	0+	214	136	-	-	-	CK0517	Yes	5719	-	
53	Yes	16-Sep-2019	SOG	Chinook	CK0518	Total	0+	215	115	-	-	-	CK0518	Yes	5720	-	
53	Yes	16-Sep-2019	SOG	Chinook	CK0519	Total	0+	262	233	-	-	-	CK0519	Yes	5721	-	LEP (male)
53	Yes	16-Sep-2019	SOG	Chinook	CK0520	Total	0+	223	134	-	-	-	CK0520	Yes	5722	-	LEP (female); CAL (1)
54	Yes	16-Sep-2019	SOG	Chinook	CK0521	Random	0+	290	314	F	ADCWT	417	CK0521	Yes	5723	CK0521	
54	Yes	16-Sep-2019	SOG	Chinook	CK0522	Random	0+	252	211	F	-	418	CK0522	-	5724	CK0522	
54	Yes	16-Sep-2019	SOG	Chinook	CK0523	Random	0+	255	222	F	-	419	CK0523	-	5725	CK0523	
54	Yes	16-Sep-2019	SOG	Chinook	CK0524	Random	0+	240	186	F	-	420	CK0524	-	5726	CK0524	
54	Yes	16-Sep-2019	SOG	Chinook	CK0525	Random	0+	200	95	F	-	421	CK0525	-	5727	CK0525	
54	Yes	16-Sep-2019	SOG	Chinook	CK0526	Random	0+	259	222	F	-	422	CK0526	Yes	5728	CK0526	
54	Yes	16-Sep-2019	SOG	Chinook	CK0527	Random	0+	315	413	M	-	423	CK0527	Yes	5729	CK0527	LEP (female)
54	Yes	16-Sep-2019	SOG	Chinook	CK0528	Random	0+	280	294	M	-	424	CK0528	Yes	5730	CK0528	
54	Yes	16-Sep-2019	SOG	Chinook	CK0529	Random	0+	300	368	M	-	425	CK0529	Yes	5731	CK0529	
54	Yes	16-Sep-2019	SOG	Chinook	CK0530	Random	0+	258	220	M	-	426	CK0530	Yes	5732	CK0530	
54	Yes	16-Sep-2019	SOG	Chinook	CK0531	Random	0+	222	131	M	-	427	CK0531	Yes	5733	CK0531	
54	Yes	16-Sep-2019	SOG	Chinook	CK0532	Random	0+	270	263	M	-	428	CK0532	Yes	5734	CK0532	
54	Yes	16-Sep-2019	SOG	Chinook	CK0533	Random	0+	250	196	F	-	429	CK0533	Yes	5735	CK0533	

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54	Yes	16-Sep-2019	SOG	Chinook	CK0534	Random	0+	242	188	F	-	430	CK0534	Yes	5736	CK0534	
54	Yes	16-Sep-2019	SOG	Chinook	CK0535	Random	0+	245	188	M	-	431	CK0535	Yes	5737	CK0535	
54	Yes	16-Sep-2019	SOG	Chinook	CK0536	Random	0+	271	260	M	-	432	CK0536	Yes	5738	CK0536	
54	Yes	16-Sep-2019	SOG	Chinook	CK0537	Random	0+	260	243	F	-	433	CK0537	-	5739	CK0537	
54	Yes	16-Sep-2019	SOG	Chinook	CK0538	Random	0+	274	279	F	-	434	CK0538	Yes	5740	CK0538	
54	Yes	16-Sep-2019	SOG	Chinook	CK0539	Random	0+	236	179	F	-	435	CK0539	Yes	5741	CK0539	
54	Yes	16-Sep-2019	SOG	Chinook	CK0540	Random	0+	265	254	M	-	436	CK0540	Yes	5742	CK0540	
54	Yes	16-Sep-2019	SOG	Chinook	CK0541	Random	0+	235	172	M	-	437	CK0541	Yes	5743	CK0541	
54	Yes	16-Sep-2019	SOG	Chinook	CK0542	Random	0+	286	315	F	-	438	CK0542	Yes	5744	CK0542	
54	Yes	16-Sep-2019	SOG	Chinook	CK0543	Random	0+	280	288	F	-	439	CK0543	Yes	5745	CK0543	
54	Yes	16-Sep-2019	SOG	Chinook	CK0544	Random	0+	268	256	F	-	440	CK0544	Yes	5746	CK0544	
54	Yes	16-Sep-2019	SOG	Chinook	CK0545	Random	0+	245	214	F	-	441	CK0545	Yes	5747	CK0545	
54	Yes	16-Sep-2019	SOG	Chinook	CK0546	Random	0+	262	252	M	-	442	CK0546	Yes	5748	CK0546	
54	Yes	16-Sep-2019	SOG	Chinook	CK0547	Random	0+	266	262	M	-	443	CK0547	Yes	5749	CK0547	
54	Yes	16-Sep-2019	SOG	Chinook	CK0548	Random	0+	263	251	M	-	444	CK0548	Yes	5750	CK0548	
54	Yes	16-Sep-2019	SOG	Chinook	CK0549	Random	0+	253	211	M	-	445	CK0549	Yes	5751	CK0549	
54	Yes	16-Sep-2019	SOG	Chinook	CK0550	Random	0+	234	170	M	-	446	CK0550	Yes	5752	CK0550	
54	Yes	16-Sep-2019	SOG	Chinook	CK0551	Select ¹	0+	270	254	F	ADCWT	447	CK0551	Yes	5753	-	LEP (female)
54	Yes	16-Sep-2019	SOG	Chinook	CK0552	Total	1+	450	1196	F	-	448	CK0552	Yes	5754	-	
54	Yes	16-Sep-2019	SOG	Chinook	CK0553	Total	1+	432	878	F	-	449	CK0553	Yes	5755	-	
54	Yes	16-Sep-2019	SOG	Chinook	-	Random	0+	252	-	-	-	-	-	-	-	-	
54	Yes	16-Sep-2019	SOG	Chinook	-	Random	0+	250	-	-	-	-	-	-	-	-	
54	Yes	16-Sep-2019	SOG	Chinook	-	Random	0+	220	-	-	-	-	-	-	-	-	
54	Yes	16-Sep-2019	SOG	Chinook	-	Random	0+	255	-	-	-	-	-	-	-	-	
54	Yes	16-Sep-2019	SOG	Chinook	-	Random	0+	211	-	-	-	-	-	-	-	-	
54	Yes	16-Sep-2019	SOG	Chinook	-	Random	0+	290	-	-	-	-	-	-	-	-	
54	Yes	16-Sep-2019	SOG	Chinook	-	Random	0+	262	-	-	-	-	-	-	-	-	
54	Yes	16-Sep-2019	SOG	Chinook	-	Random	0+	252	-	-	-	-	-	-	-	-	
54	Yes	16-Sep-2019	SOG	Chinook	-	Random	0+	276	-	-	-	-	-	-	-	-	
54	Yes	16-Sep-2019	SOG	Chinook	-	Random	0+	245	-	-	-	-	-	-	-	-	
54	Yes	16-Sep-2019	SOG	Chinook	-	Random	0+	270	-	-	-	-	-	-	-	-	
54	Yes	16-Sep-2019	SOG	Chinook	-	Random	0+	242	-	-	-	-	-	-	-	-	
54	Yes	16-Sep-2019	SOG	Chinook	-	Random	0+	252	-	-	-	-	-	-	-	-	
54	Yes	16-Sep-2019	SOG	Chinook	-	Random	0+	209	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chinook	CK0554	Total	0+	255	210	F	-	450	CK0554	Yes	5756	-	
55	Yes	16-Sep-2019	SOG	Chinook	CK0555	Total	0+	260	230	M	-	451	CK0555	-	5757	-	
55	Yes	16-Sep-2019	SOG	Chinook	CK0556	Total	0+	231	155	F	-	452	CK0556	-	5758	-	
56	Yes	16-Sep-2019	SOG	Chinook	CK0557	Total	0+	238	177	-	-	-	CK0557	-	5759	-	
56	Yes	16-Sep-2019	SOG	Chinook	CK0558	Total	0+	255	214	-	-	-	CK0558	-	5760	-	
56	Yes	16-Sep-2019	SOG	Chinook	CK0559	Total	0+	241	180	-	-	-	CK0559	-	5761	-	

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56	Yes	16-Sep-2019	SOG	Chinook	CK0560	Total	0+	246	186	-	-	-	CK0560	-	5762	-	
57	Yes	16-Sep-2019	SOG	Chinook	CK0561	Total	0+	252	214	M	-	453	CK0561	Yes	5763	CK0561	
57	Yes	16-Sep-2019	SOG	Chinook	CK0562	Total	0+	282	273	M	-	454	CK0562	Yes	5764	CK0562	
57	Yes	16-Sep-2019	SOG	Chinook	CK0563	Total	0+	250	208	M	-	455	CK0563	Yes	5765	CK0563	
57	Yes	16-Sep-2019	SOG	Chinook	CK0564	Total	0+	285	304	M	-	456	CK0564	Yes	5766	CK0564	
57	Yes	16-Sep-2019	SOG	Chinook	CK0565	Total	0+	243	196	F	-	457	CK0565	Yes	5767	CK0565	
57	Yes	16-Sep-2019	SOG	Chinook	CK0566	Total	0+	266	265	M	-	458	CK0566	Yes	5768	CK0566	
57	Yes	16-Sep-2019	SOG	Chinook	CK0567	Total	0+	260	235	M	-	459	CK0567	Yes	5769	CK0567	
58	Yes	16-Sep-2019	SOG	Chinook	CK0568	Total	0+	275	277	M	-	460	CK0568	Yes	5770	CK0568	LEP (male)
58	Yes	16-Sep-2019	SOG	Chinook	CK0569	Total	0+	228	147	F	-	461	CK0569	Yes	5771	CK0569	
58	Yes	16-Sep-2019	SOG	Chinook	CK0570	Total	0+	248	190	M	-	462	CK0570	Yes	5772	CK0570	CAL
58	Yes	16-Sep-2019	SOG	Chinook	CK0571	Total	0+	225	143	M	-	463	CK0571	Yes	5773	CK0571	
58	Yes	16-Sep-2019	SOG	Chinook	CK0572	Total	0+	260	231	F	ADCWT	464	CK0572	Yes	5774	CK0572	
58	Yes	16-Sep-2019	SOG	Chinook	CK0573	Total	0+	273	228	F	-	465	CK0573	Yes	5775	CK0573	
58	Yes	16-Sep-2019	SOG	Chinook	CK0574	Total	0+	268	245	F	-	466	CK0574	Yes	5776	CK0574	
59	No	17-Sep-2019	JERV	Chinook	CK0575	Random	0+	264	231	F	ADCWT	467	CK0575	Yes	5777	CK0575	EIS
59	No	17-Sep-2019	JERV	Chinook	CK0576	Random	0+	210	111	F	ADCWT	468	CK0576	Yes	5778	CK0576	EIS
59	No	17-Sep-2019	JERV	Chinook	CK0577	Random	0+	216	127	M	-	469	CK0577	Yes	5779	CK0577	EIS
59	No	17-Sep-2019	JERV	Chinook	CK0578	Random	0+	209	125	F	-	470	CK0578	-	5780	CK0578	EIS
59	No	17-Sep-2019	JERV	Chinook	CK0579	Random	0+	203	99	F	-	471	CK0579	-	5781	CK0579	EIS
59	No	17-Sep-2019	JERV	Chinook	CK0580	Random	0+	252	205	M	-	472	CK0580	Yes	5782	CK0580	GC
59	No	17-Sep-2019	JERV	Chinook	CK0581	Random	0+	214	125	M	-	473	CK0581	-	5783	CK0581	
59	No	17-Sep-2019	JERV	Chinook	CK0582	Random	0+	198	100	F	-	474	CK0582	-	5784	CK0582	
59	No	17-Sep-2019	JERV	Chinook	CK0583	Random	0+	176	67	F	-	475	CK0583	-	5785	CK0583	
59	No	17-Sep-2019	JERV	Chinook	CK0584	Random	0+	216	118	M	-	476	CK0584	-	5786	CK0584	
59	No	17-Sep-2019	JERV	Chinook	CK0585	Random	0+	194	86	F	-	477	CK0585	Yes	5787	CK0585	
59	No	17-Sep-2019	JERV	Chinook	CK0586	Random	0+	265	218	F	AD	478	CK0586	Yes	5788	CK0586	
59	No	17-Sep-2019	JERV	Chinook	CK0587	Random	0+	228	139	M	-	479	CK0587	-	5789	CK0587	
59	No	17-Sep-2019	JERV	Chinook	CK0588	Random	0+	191	92	F	-	480	CK0588	-	5790	CK0588	
59	No	17-Sep-2019	JERV	Chinook	CK0589	Random	0+	173	65	M	-	481	CK0589	-	5791	CK0589	
59	No	17-Sep-2019	JERV	Chinook	CK0590	Random	0+	210	105	M	-	482	CK0590	-	5792	CK0590	
59	No	17-Sep-2019	JERV	Chinook	CK0591	Random	0+	180	72	F	-	483	CK0591	-	5793	CK0591	
59	No	17-Sep-2019	JERV	Chinook	CK0592	Random	0+	189	82	F	-	484	CK0592	-	5794	CK0592	
59	No	17-Sep-2019	JERV	Chinook	CK0593	Random	0+	186	79	M	-	485	CK0593	-	5795	CK0593	
59	No	17-Sep-2019	JERV	Chinook	CK0594	Random	0+	185	77	F	AD	486	CK0594	-	5796	CK0594	GC
59	No	17-Sep-2019	JERV	Chinook	CK0595	Select ¹	0+	200	97	F	ADCWT	487	CK0595	-	5797	CK0595	
59	No	17-Sep-2019	JERV	Chinook	CK0596	Random	0+	197	91	-	-	-	CK0596	-	5798	-	
59	No	17-Sep-2019	JERV	Chinook	CK0597	Random	0+	191	93	-	-	-	CK0597	-	5799	-	
59	No	17-Sep-2019	JERV	Chinook	CK0598	Random	0+	183	81	-	-	-	CK0598	-	6129	-	
59	No	17-Sep-2019	JERV	Chinook	CK0599	Random	0+	195	93	-	-	-	CK0599	-	6130	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
59	No	17-Sep-2019	JERV	Chinook	CK0600	Random	0+	172	69	-	-	-	CK0600	-	6131	-	
59	No	17-Sep-2019	JERV	Chinook	CK0601	Random	0+	169	65	-	-	-	CK0601	-	6132	-	
59	No	17-Sep-2019	JERV	Chinook	CK0602	Random	0+	184	78	-	-	-	CK0602	-	6133	-	
59	No	17-Sep-2019	JERV	Chinook	CK0603	Random	0+	197	96	-	-	-	CK0603	-	6134	-	
59	No	17-Sep-2019	JERV	Chinook	CK0604	Random	0+	186	82	-	-	-	CK0604	-	6135	-	
59	No	17-Sep-2019	JERV	Chinook	CK0605	Random	0+	180	75	-	-	-	CK0605	-	6136	-	
59	No	17-Sep-2019	JERV	Chinook	CK0606	Random	0+	155	46	-	-	-	CK0606	-	6137	-	
59	No	17-Sep-2019	JERV	Chinook	CK0607	Random	0+	170	65	-	-	-	CK0607	-	6138	-	
59	No	17-Sep-2019	JERV	Chinook	CK0608	Random	0+	181	73	-	-	-	CK0608	-	6139	-	
61	No	17-Sep-2019	JERV	Chinook	CK0609	Random	0+	223	124	-	-	-	-	-	6140	-	
61	No	17-Sep-2019	JERV	Chinook	CK0610	Random	0+	183	72	-	-	-	-	-	6141	-	
61	No	17-Sep-2019	JERV	Chinook	CK0611	Random	0+	169	59	-	-	-	-	-	6142	-	
61	No	17-Sep-2019	JERV	Chinook	CK0612	Random	0+	162	56	-	-	-	-	-	6143	-	
61	No	17-Sep-2019	JERV	Chinook	CK0613	Random	0+	215	118	F	ADCWT	488	CK0613	Yes	6144	CK0613	GC; EIS
61	No	17-Sep-2019	JERV	Chinook	CK0614	Random	0+	210	121	F	ADCWT	489	CK0614	Yes	6145	CK0614	EIS
61	No	17-Sep-2019	JERV	Chinook	CK0615	Random	0+	220	131	M	-	490	CK0615	Yes	6146	CK0615	EIS
61	No	17-Sep-2019	JERV	Chinook	CK0616	Random	0+	174	61	M	-	491	CK0616	-	6147	CK0616	LW, (L2, healed); EIS
61	No	17-Sep-2019	JERV	Chinook	CK0617	Random	0+	216	128	M	-	492	CK0617	Yes	6148	CK0617	EIS
61	No	17-Sep-2019	JERV	Chinook	CK0618	Random	0+	234	173	M	-	493	CK0618	-	6149	CK0618	
61	No	17-Sep-2019	JERV	Chinook	CK0619	Random	0+	264	238	M	-	494	CK0619	-	6150	CK0619	
61	No	17-Sep-2019	JERV	Chinook	CK0620	Random	0+	205	110	F	-	495	CK0620	-	6151	CK0620	
61	No	17-Sep-2019	JERV	Chinook	CK0621	Random	0+	199	86	M	-	496	CK0621	-	6152	CK0621	
61	No	17-Sep-2019	JERV	Chinook	CK0622	Random	0+	221	135	M	-	497	CK0622	-	6153	CK0622	
61	No	17-Sep-2019	JERV	Chinook	CK0623	Random	0+	169	59	M	-	498	CK0623	Yes	6154	CK0623	
61	No	17-Sep-2019	JERV	Chinook	CK0624	Random	0+	176	72	M	-	499	CK0624	-	6155	CK0624	
61	No	17-Sep-2019	JERV	Chinook	CK0625	Random	0+	195	96	M	-	500	CK0625	Yes	6156	CK0625	
61	No	17-Sep-2019	JERV	Chinook	CK0626	Random	0+	188	80	F	-	501	CK0626	Yes	6157	CK0626	
61	No	17-Sep-2019	JERV	Chinook	CK0627	Random	0+	177	72	M	-	502	CK0627	Yes	6158	CK0627	Fat
61	No	17-Sep-2019	JERV	Chinook	CK0628	Random	0+	206	102	F	-	503	CK0628	-	6159	CK0628	
61	No	17-Sep-2019	JERV	Chinook	CK0629	Random	0+	174	62	F	-	504	CK0629	Yes	6160	CK0629	
61	No	17-Sep-2019	JERV	Chinook	CK0630	Random	0+	184	73	F	-	505	CK0630	Yes	6161	CK0630	
61	No	17-Sep-2019	JERV	Chinook	CK0631	Random	0+	189	78	M	-	506	CK0631	-	6162	CK0631	
61	No	17-Sep-2019	JERV	Chinook	CK0632	Random	0+	194	89	F	-	507	CK0632	-	6163	CK0632	
61	No	17-Sep-2019	JERV	Chinook	CK0633	Random	0+	171	58	M	-	508	CK0633	-	6164	CK0633	
63	No	17-Sep-2019	JERV	Chinook	CK0634	Total	0+	280	295	M	ADCWT	509	CK0634	Yes	6165	CK0634	EIS
63	No	17-Sep-2019	JERV	Chinook	CK0635	Total	0+	310	421	M	ADCWT	510	CK0635	Yes	6166	CK0635	EIS
63	No	17-Sep-2019	JERV	Chinook	CK0636	Total	0+	258	224	F	-	511	CK0636	Yes	6167	CK0636	EIS
63	No	17-Sep-2019	JERV	Chinook	CK0637	Total	0+	216	132	M	-	512	CK0637	Yes	6168	CK0637	EIS
63	No	17-Sep-2019	JERV	Chinook	CK0638	Total	0+	186	76	M	-	513	CK0638	Yes	6169	CK0638	EIS
63	No	17-Sep-2019	JERV	Chinook	CK0639	Total	0+	196	89	F	ADCWT	514	CK0639	Yes	6170	CK0639	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
63	No	17-Sep-2019	JERV	Chinook	CK0640	Total	0+	202	109	M	ADCWT	515	CK0640	Yes	6171	CK0640	
63	No	17-Sep-2019	JERV	Chinook	CK0641	Total	0+	180	71	M	-	516	CK0641	-	6172	CK0641	CAL
63	No	17-Sep-2019	JERV	Chinook	CK0642	Total	0+	168	60	M	-	517	CK0642	-	6173	CK0642	
63	No	17-Sep-2019	JERV	Chinook	CK0643	Total	0+	170	63	F	-	518	CK0643	Yes	6174	CK0643	
63	No	17-Sep-2019	JERV	Chinook	CK0644	Total	0+	212	129	-	-	-	CK0644	-	6175	-	
63	No	17-Sep-2019	JERV	Chinook	CK0645	Total	0+	283	329	-	-	-	CK0645	-	6176	-	LEP (male)
63	No	17-Sep-2019	JERV	Chinook	CK0646	Total	0+	245	190	-	-	-	CK0646	-	6177	-	
63	No	17-Sep-2019	JERV	Chinook	CK0647	Total	0+	196	98	-	-	-	CK0647	-	6178	-	
63	No	17-Sep-2019	JERV	Chinook	CK0648	Total	0+	218	125	-	-	-	CK0648	-	6179	-	
65	No	17-Sep-2019	JERV	Chinook	CK0649	Total	0+	188	99	-	-	-	CK0649	-	6180	-	
65	No	17-Sep-2019	JERV	Chinook	CK0650	Total	0+	170	64	-	-	-	CK0650	-	6181	-	
65	No	17-Sep-2019	JERV	Chinook	CK0651	Total	0+	180	70	-	-	-	CK0651	-	6182	-	
65	No	17-Sep-2019	JERV	Chinook	CK0652	Total	0+	206	115	-	-	-	CK0652	-	6183	-	
65	No	17-Sep-2019	JERV	Chinook	CK0653	Total	0+	243	193	-	-	-	CK0653	-	6184	-	
65	No	17-Sep-2019	JERV	Chinook	CK0654	Total	0+	230	165	-	-	-	CK0654	-	6185	-	
65	No	17-Sep-2019	JERV	Chinook	CK0655	Total	0+	221	132	-	-	-	CK0655	-	6186	-	
65	No	17-Sep-2019	JERV	Chinook	CK0656	Total	0+	243	138	-	-	-	CK0656	-	6187	-	
65	No	17-Sep-2019	JERV	Chinook	CK0657	Total	0+	214	126	-	ADCWT	-	CK0657	-	6188	-	
66	Yes	18-Sep-2019	SOG	Chinook	CK0658	Total	0+	242	193	F	-	519	CK0658	-	6189	CK0658	
66	Yes	18-Sep-2019	SOG	Chinook	CK0659	Total	0+	181	75	M	-	520	CK0659	-	6190	CK0659	
66	Yes	18-Sep-2019	SOG	Chinook	CK0660	Total	0+	210	114	M	-	521	CK0660	Yes	6191	CK0660	
66	Yes	18-Sep-2019	SOG	Chinook	CK0661	Total	0+	210	116	F	-	522	CK0661	Yes	6192	CK0661	GC
66	Yes	18-Sep-2019	SOG	Chinook	CK0662	Total	0+	228	160	F	-	523	CK0662	Yes	6193	CK0662	
66	Yes	18-Sep-2019	SOG	Chinook	CK0663	Total	0+	215	126	F	-	524	CK0663	Yes	6194	CK0663	
66	Yes	18-Sep-2019	SOG	Chinook	CK0664	Total	0+	240	197	M	-	525	CK0664	Yes	6195	CK0664	
66	Yes	18-Sep-2019	SOG	Chinook	CK0665	Total	0+	230	164	M	-	526	CK0665	Yes	6196	CK0665	
66	Yes	18-Sep-2019	SOG	Chinook	CK0666	Total	0+	222	151	M	-	527	CK0666	Yes	6197	CK0666	
66	Yes	18-Sep-2019	SOG	Chinook	CK0667	Total	0+	188	75	F	-	528	CK0667	-	6198	CK0667	
66	Yes	18-Sep-2019	SOG	Chinook	CK0668	Total	0+	215	124	-	AD	-	CK0668	-	6199	-	
66	Yes	18-Sep-2019	SOG	Chinook	CK0669	Total	0+	255	219	-	-	-	CK0669	-	6200	-	
66	Yes	18-Sep-2019	SOG	Chinook	CK0670	Total	0+	217	141	-	-	-	CK0670	-	6201	-	
66	Yes	18-Sep-2019	SOG	Chinook	CK0671	Total	0+	192	87	-	-	-	CK0671	-	6202	-	
66	Yes	18-Sep-2019	SOG	Chinook	CK0672	Total	0+	246	198	-	-	-	CK0672	-	6203	-	
67	Yes	18-Sep-2019	SOG	Chinook	CK0673	Total	0+	246	192	F	-	529	CK0673	Yes	6204	CK0673	
67	Yes	18-Sep-2019	SOG	Chinook	CK0674	Total	0+	165	48	F	-	530	CK0674	Yes	6205	CK0674	LW (LV2-3, healed); Skinny
67	Yes	18-Sep-2019	SOG	Chinook	CK0675	Total	0+	214	114	F	-	531	CK0675	Yes	6206	CK0675	CAL
67	Yes	18-Sep-2019	SOG	Chinook	CK0676	Total	0+	214	126	F	-	532	CK0676	Yes	6207	CK0676	
67	Yes	18-Sep-2019	SOG	Chinook	CK0677	Total	1+	738	-	-	-	-	-	Yes	6208	-	
68	Yes	18-Sep-2019	SOG	Chinook	CK0678	Total	0+	208	119	M	-	533	CK0678	Yes	6209	CK0678	
68	Yes	18-Sep-2019	SOG	Chinook	CK0679	Total	0+	196	91	M	AD	534	CK0679	Yes	6210	CK0679	

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68	Yes	18-Sep-2019	SOG	Chinook	CK0680	Total	0+	195	90	F	-	535	CK0680	Yes	6211	CK0680	
68	Yes	18-Sep-2019	SOG	Chinook	CK0681	Total	0+	222	136	M	-	536	CK0681	Yes	6212	CK0681	
68	Yes	18-Sep-2019	SOG	Chinook	CK0682	Total	0+	221	122	F	-	537	CK0682	Yes	6213	CK0682	
68	Yes	18-Sep-2019	SOG	Chinook	CK0683	Total	0+	200	98	M	-	538	CK0683	Yes	6214	CK0683	
68	Yes	18-Sep-2019	SOG	Chinook	CK0684	Total	0+	198	93	M	-	539	CK0684	Yes	6215	CK0684	
69	Yes	18-Sep-2019	SOG	Chinook	CK0685	Total	0+	218	133	M	-	540	CK0685	Yes	6216	CK0685	
69	Yes	18-Sep-2019	SOG	Chinook	CK0686	Total	0+	188	74	M	-	541	CK0686	Yes	6217	CK0686	
69	Yes	18-Sep-2019	SOG	Chinook	CK0687	Total	0+	176	65	F	-	542	CK0687	Yes	6218	CK0687	
69	Yes	18-Sep-2019	SOG	Chinook	CK0688	Total	0+	199	86	M	-	543	CK0688	Yes	6219	CK0688	
69	Yes	18-Sep-2019	SOG	Chinook	CK0689	Total	0+	195	85	M	-	544	CK0689	Yes	6220	CK0689	BM (3 cm)
69	Yes	18-Sep-2019	SOG	Chinook	CK0690	Total	0+	185	76	F	-	545	CK0690	Yes	6221	CK0690	
69	Yes	18-Sep-2019	SOG	Chinook	CK0691	Total	0+	177	59	F	-	546	CK0691	Yes	6222	CK0691	
69	Yes	18-Sep-2019	SOG	Chinook	CK0692	Total	0+	225	150	F	AD	547	CK0692	Yes	6223	CK0692	
69	Yes	18-Sep-2019	SOG	Chinook	CK0693	Total	0+	217	127	F	-	548	CK0693	Yes	6224	CK0693	LEP (male)
69	Yes	18-Sep-2019	SOG	Chinook	CK0694	Total	0+	197	92	M	-	549	CK0694	Yes	6225	CK0694	
69	Yes	18-Sep-2019	SOG	Chinook	CK0695	Total	0+	208	103	M	-	550	CK0695	Yes	6226	CK0695	GC (2)
69	Yes	18-Sep-2019	SOG	Chinook	CK0696	Total	0+	218	125	F	-	551	CK0696	Yes	6227	CK0696	
69	Yes	18-Sep-2019	SOG	Chinook	CK0697	Total	0+	185	85	-	-	-	CK0697	-	6030	-	
69	Yes	18-Sep-2019	SOG	Chinook	CK0698	Total	0+	187	82	-	-	-	CK0698	-	6031	-	
69	Yes	18-Sep-2019	SOG	Chinook	CK0699	Total	0+	187	75	-	-	-	CK0699	-	6032	-	
69	Yes	18-Sep-2019	SOG	Chinook	CK0700	Total	0+	195	83	-	-	-	CK0700	-	6033	-	
69	Yes	18-Sep-2019	SOG	Chinook	CK0701	Total	0+	185	71	-	-	-	CK0701	-	6034	-	
69	Yes	18-Sep-2019	SOG	Chinook	CK0702	Total	1+	480	1285	M	ADCWT	552	CK0702	Yes	6035	CK0702	
69	Yes	18-Sep-2019	SOG	Chinook	CK0703	Total	1+	502	1558	M	AD	553	CK0703	Yes	6036	CK0703	
69	Yes	18-Sep-2019	SOG	Chinook	CK0704	Total	1+	395	576	F	-	554	CK0704	Yes	6037	CK0704	
70	Yes	18-Sep-2019	SOG	Chinook	CK0705	Total	0+	217	132	F	ADCWT	555	CK0705	Yes	6038	CK0705	
70	Yes	18-Sep-2019	SOG	Chinook	CK0706	Total	0+	216	125	F	-	556	CK0706	Yes	6039	CK0706	
70	Yes	18-Sep-2019	SOG	Chinook	CK0707	Total	0+	197	94	M	-	557	CK0707	Yes	6040	CK0707	
70	Yes	18-Sep-2019	SOG	Chinook	CK0708	Total	0+	203	101	-	-	-	CK0708	-	6041	-	
70	Yes	18-Sep-2019	SOG	Chinook	CK0709	Total	0+	152	42	-	-	-	CK0709	-	6042	-	
72	Yes	18-Sep-2019	SOG	Chinook	CK0710	Total	0+	266	264	F	-	558	CK0710	Yes	6043	CK0710	
72	Yes	18-Sep-2019	SOG	Chinook	CK0711	Total	0+	262	235	M	-	559	CK0711	Yes	6044	CK0711	
72	Yes	18-Sep-2019	SOG	Chinook	CK0712	Total	0+	204	97	F	-	560	CK0712	Yes	6045	CK0712	
73	Yes	18-Sep-2019	SOG	Chinook	CK0713	Total	0+	226	145	M	ADCWT	561	CK0713	-	6046	CK0713	LAC R1, 5 cm); EIS
73	Yes	18-Sep-2019	SOG	Chinook	CK0714	Total	0+	215	115	F	-	562	CK0714	Yes	6047	CK0714	EIS
73	Yes	18-Sep-2019	SOG	Chinook	CK0715	Total	0+	232	155	M	-	563	CK0715	Yes	6048	CK0715	EIS
73	Yes	18-Sep-2019	SOG	Chinook	CK0716	Total	0+	220	133	F	-	564	CK0716	Yes	6049	CK0716	EIS
73	Yes	18-Sep-2019	SOG	Chinook	CK0717	Total	0+	193	87	M	-	565	CK0717	Yes	6050	CK0717	EIS
74	Yes	18-Sep-2019	SOG	Chinook	CK0718	Total	0+	206	125	M	-	566	CK0718	Yes	6051	CK0718	
74	Yes	18-Sep-2019	SOG	Chinook	CK0719	Total	0+	211	122	M	-	567	CK0719	Yes	6052	CK0719	

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75	Yes	19-Sep-2019	SOG	Chinook	CK0720	Random	0+	274	263	F	-	568	CK0720	-	6053	CK0720	
75	Yes	19-Sep-2019	SOG	Chinook	CK0721	Random	0+	228	132	F	-	569	CK0721	Yes	6054	CK0721	
75	Yes	19-Sep-2019	SOG	Chinook	CK0722	Random	0+	230	140	M	-	570	CK0722	Yes	6055	CK0722	
75	Yes	19-Sep-2019	SOG	Chinook	CK0723	Random	0+	258	233	M	-	571	CK0723	Yes	6056	CK0723	
75	Yes	19-Sep-2019	SOG	Chinook	CK0724	Random	0+	269	254	F	-	572	CK0724	Yes	6057	CK0724	
75	Yes	19-Sep-2019	SOG	Chinook	CK0725	Random	0+	286	322	M	-	573	CK0725	Yes	6058	CK0725	
75	Yes	19-Sep-2019	SOG	Chinook	CK0726	Random	0+	256	210	F	-	574	CK0726	Yes	6059	CK0726	
75	Yes	19-Sep-2019	SOG	Chinook	CK0727	Random	0+	274	260	M	-	575	CK0727	Yes	6060	CK0727	
75	Yes	19-Sep-2019	SOG	Chinook	CK0728	Random	0+	252	205	M	-	576	CK0728	Yes	6061	CK0728	
75	Yes	19-Sep-2019	SOG	Chinook	CK0729	Random	0+	272	271	M	-	577	CK0729	Yes	6062	CK0729	
75	Yes	19-Sep-2019	SOG	Chinook	CK0730	Random	0+	270	245	-	-	578	-	-	6063	CK0730	
75	Yes	19-Sep-2019	SOG	Chinook	CK0731	Random	0+	220	141	-	-	579	-	-	6064	CK0731	
75	Yes	19-Sep-2019	SOG	Chinook	CK0732	Random	0+	257	223	-	-	580	-	-	6065	CK0732	
75	Yes	19-Sep-2019	SOG	Chinook	CK0733	Random	0+	267	254	-	-	581	-	-	6066	CK0733	
75	Yes	19-Sep-2019	SOG	Chinook	CK0734	Random	0+	240	174	-	-	582	-	-	6067	CK0734	
75	Yes	19-Sep-2019	SOG	Chinook	CK0735	Random	0+	250	207	-	-	583	-	-	6068	CK0735	
75	Yes	19-Sep-2019	SOG	Chinook	CK0736	Random	0+	245	185	-	-	584	-	-	6069	CK0736	
75	Yes	19-Sep-2019	SOG	Chinook	CK0737	Random	0+	247	192	-	-	585	-	-	6070	CK0737	
75	Yes	19-Sep-2019	SOG	Chinook	CK0738	Random	0+	260	245	-	-	586	-	-	6071	CK0738	
75	Yes	19-Sep-2019	SOG	Chinook	CK0739	Random	0+	260	238	-	-	587	-	-	6072	CK0739	
75	Yes	19-Sep-2019	SOG	Chinook	CK0740	Total	1+	469	1280	F	-	588	CK0740	Yes	6073	CK0740	
75	Yes	19-Sep-2019	SOG	Chinook	CK0741	Random	0+	279	289	-	-	-	CK0741	-	6074	-	
75	Yes	19-Sep-2019	SOG	Chinook	CK0742	Random	0+	245	208	-	-	-	CK0742	-	6075	-	
75	Yes	19-Sep-2019	SOG	Chinook	CK0743	Random	0+	237	187	-	-	-	CK0743	-	6076	-	
75	Yes	19-Sep-2019	SOG	Chinook	CK0744	Random	0+	280	273	-	-	-	CK0744	-	6077	-	
75	Yes	19-Sep-2019	SOG	Chinook	CK0745	Random	0+	240	184	-	-	-	CK0745	-	6078	-	
75	Yes	19-Sep-2019	SOG	Chinook	CK0746	Random	0+	260	224	-	-	-	CK0746	-	6079	-	
75	Yes	19-Sep-2019	SOG	Chinook	CK0747	Random	0+	237	181	-	-	-	CK0747	-	6080	-	
76	Yes	19-Sep-2019	SOG	Chinook	CK0748	Total	0+	262	239	M	-	589	CK0748	Yes	6081	CK0748	
76	Yes	19-Sep-2019	SOG	Chinook	CK0749	Total	0+	246	204	F	-	590	CK0749	Yes	6082	CK0749	
76	Yes	19-Sep-2019	SOG	Chinook	CK0750	Total	0+	246	195	F	-	591	CK0750	Yes	6083	CK0750	
77	Yes	19-Sep-2019	SOG	Chinook	CK0751	Total	0+	255	224	M	-	592	CK0751	Yes	6084	CK0751	
77	Yes	19-Sep-2019	SOG	Chinook	CK0752	Total	0+	257	201	F	-	593	CK0752	Yes	6085	CK0752	
77	Yes	19-Sep-2019	SOG	Chinook	CK0753	Total	0+	230	153	M	-	594	CK0753	Yes	6086	CK0753	Puncture - belly
77	Yes	19-Sep-2019	SOG	Chinook	CK0754	Total	0+	236	168	M	-	595	CK0754	Yes	6087	CK0754	
77	Yes	19-Sep-2019	SOG	Chinook	CK0755	Total	0+	167	51	M	-	596	CK0755	Yes	6088	CK0755	
77	Yes	19-Sep-2019	SOG	Chinook	CK0756	Total	0+	212	119	F	-	597	CK0756	Yes	6089	CK0756	
77	Yes	19-Sep-2019	SOG	Chinook	CK0757	Total	0+	239	156	M	-	598	CK0757	Yes	6090	CK0757	
77	Yes	19-Sep-2019	SOG	Chinook	CK0758	Total	0+	221	137	M	-	599	CK0758	Yes	6091	CK0758	GC
77	Yes	19-Sep-2019	SOG	Chinook	CK0759	Total	0+	214	126	F	-	600	CK0759	Yes	6092	CK0759	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
77	Yes	19-Sep-2019	SOG	Chinook	CK0760	Total	0+	236	160	M	-	601	CK0760	-	6093	CK0760	
78	Yes	19-Sep-2019	SOG	Chinook	CK0761	Total	0+	208	100	-	ADCWT	-	CK0761	-	6094	-	
78	Yes	19-Sep-2019	SOG	Chinook	CK0762	Total	0+	236	149	-	-	-	CK0762	-	6095	-	
78	Yes	19-Sep-2019	SOG	Chinook	CK0763	Total	0+	214	112	-	-	-	CK0763	-	6096	-	
78	Yes	19-Sep-2019	SOG	Chinook	CK0764	Total	0+	215	120	-	-	-	CK0764	-	6097	-	
79	Yes	19-Sep-2019	SOG	Chinook	CK0765	Total	0+	202	98	M	-	602	CK0765	-	6098	CK0765	
79	Yes	19-Sep-2019	SOG	Chinook	CK0766	Total	0+	191	90	F	-	603	CK0766	-	6099	CK0766	
79	Yes	19-Sep-2019	SOG	Chinook	CK0767	Total	0+	190	76	F	-	604	CK0767	-	6100	CK0767	
79	Yes	19-Sep-2019	SOG	Chinook	CK0768	Total	1+	455	1049	F	-	605	CK0768	Yes	6101	CK0768	
80	Yes	19-Sep-2019	SOG	Chinook	CK0769	Total	0+	295	325	M	ADCWT	606	CK0769	Yes	6102	CK0769	EIS
80	Yes	19-Sep-2019	SOG	Chinook	CK0770	Total	1+	438	994	F	-	607	CK0770	Yes	6103	CK0770	
82	Yes	19-Sep-2019	SOG	Chinook	CK0771	Total	0+	236	184	M	-	608	CK0771	-	6104	CK0771	EIS
82	Yes	19-Sep-2019	SOG	Chinook	CK0772	Total	0+	261	235	M	-	609	CK0772	-	6105	CK0772	EIS
84	Yes	19-Sep-2019	SOG	Chinook	CK0773	Total	0+	256	208	M	-	610	CK0773	Yes	6106	CK0773	
84	Yes	19-Sep-2019	SOG	Chinook	CK0774	Total	0+	238	187	M	-	611	CK0774	Yes	6107	CK0774	
84	Yes	19-Sep-2019	SOG	Chinook	CK0775	Total	0+	235	155	F	-	612	CK0775	Yes	6108	CK0775	BM (4 cm)
84	Yes	19-Sep-2019	SOG	Chinook	CK0776	Total	0+	247	191	M	-	613	CK0776	Yes	6109	CK0776	
85	Yes	20-Sep-2019	SOG	Chinook	CK0777	Total	0+	266	242	M	-	614	CK0777	Yes	6110	CK0777	
85	Yes	20-Sep-2019	SOG	Chinook	CK0778	Total	0+	266	231	M	-	615	CK0778	Yes	6111	CK0778	
85	Yes	20-Sep-2019	SOG	Chinook	CK0779	Total	0+	255	218	F	-	616	CK0779	Yes	6112	CK0779	
85	Yes	20-Sep-2019	SOG	Chinook	CK0780	Total	0+	242	190	M	-	617	CK0780	Yes	6113	CK0780	
85	Yes	20-Sep-2019	SOG	Chinook	CK0781	Total	0+	247	207	M	-	618	CK0781	Yes	6114	CK0781	
85	Yes	20-Sep-2019	SOG	Chinook	CK0782	Total	0+	237	167	M	-	619	CK0782	Yes	6115	CK0782	
85	Yes	20-Sep-2019	SOG	Chinook	CK0783	Total	0+	243	198	M	-	620	CK0783	Yes	6116	CK0783	
85	Yes	20-Sep-2019	SOG	Chinook	CK0784	Total	0+	262	231	M	-	621	CK0784	Yes	6117	CK0784	LEP (male)
85	Yes	20-Sep-2019	SOG	Chinook	CK0785	Total	0+	260	227	M	-	622	CK0785	Yes	6118	CK0785	
85	Yes	20-Sep-2019	SOG	Chinook	CK0786	Total	0+	275	283	M	-	623	CK0786	Yes	6119	CK0786	
86	Yes	20-Sep-2019	SOG	Chinook	CK0787	Total	0+	288	145	M	-	624	CK0787	Yes	6120	CK0787	
88	Yes	20-Sep-2019	SOG	Chinook	CK0788	Total	0+	210	111	M	ADCWT	625	CK0788	-	6121	CK0788	
88	Yes	20-Sep-2019	SOG	Chinook	CK0789	Total	0+	197	95	M	AD	626	CK0789	-	6122	CK0789	
88	Yes	20-Sep-2019	SOG	Chinook	CK0790	Total	0+	210	115	M	-	627	CK0790	Yes	6123	CK0790	GC
88	Yes	20-Sep-2019	SOG	Chinook	CK0791	Total	0+	239	167	M	-	628	CK0791	Yes	6124	CK0791	GC
88	Yes	20-Sep-2019	SOG	Chinook	CK0792	Total	0+	212	121	M	-	629	CK0792	Yes	6125	CK0792	
88	Yes	20-Sep-2019	SOG	Chinook	CK0793	Total	0+	227	141	M	-	630	CK0793	Yes	6126	CK0793	
88	Yes	20-Sep-2019	SOG	Chinook	CK0794	Total	0+	212	112	F	-	631	CK0794	Yes	6127	CK0794	
88	Yes	20-Sep-2019	SOG	Chinook	CK0795	Total	0+	222	137	M	-	632	CK0795	Yes	6128	CK0795	
88	Yes	20-Sep-2019	SOG	Chinook	CK0796	Total	0+	215	127	M	-	633	CK0796	Yes	5501	CK0796	
88	Yes	20-Sep-2019	SOG	Chinook	CK0797	Total	0+	185	78	M	-	634	CK0797	Yes	5502	CK0797	
88	Yes	20-Sep-2019	SOG	Chinook	CK0798	Total	0+	211	116	F	-	635	CK0798	Yes	5503	CK0798	
88	Yes	20-Sep-2019	SOG	Chinook	CK0799	Total	0+	225	131	M	-	636	CK0799	Yes	5504	CK0799	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
88	Yes	20-Sep-2019	SOG	Chinook	CK0800	Total	0+	272	270	-	-	-	CK0800	-	5505	-	
88	Yes	20-Sep-2019	SOG	Chinook	CK0801	Total	0+	226	159	-	-	-	CK0801	-	5506	-	CAL
88	Yes	20-Sep-2019	SOG	Chinook	CK0802	Total	0+	224	131	-	-	-	CK0802	-	5507	-	
88	Yes	20-Sep-2019	SOG	Chinook	CK0803	Total	0+	230	152	-	-	-	CK0803	-	5508	-	
88	Yes	20-Sep-2019	SOG	Chinook	CK0804	Total	0+	205	104	-	-	-	CK0804	-	5509	-	
88	Yes	20-Sep-2019	SOG	Chinook	CK0805	Total	1+	420	960	F	ADCWT	637	CK0805	Yes	5510	CK0805	
89	Yes	20-Sep-2019	SOG	Chinook	CK0806	Total	0+	223	150	F	-	638	CK0806	Yes	5511	CK0806	
91	Yes	20-Sep-2019	SOG	Chinook	CK0807	Total	0+	167	51	F	ADCWT	639	CK0807	-	5512	CK0807	EIS
92	Yes	20-Sep-2019	SOG	Chinook	CK0808	Total	0+	245	179	M	-	640	CK0808	Yes	5513	CK0808	EIS
92	Yes	20-Sep-2019	SOG	Chinook	CK0809	Total	0+	186	73	F	-	641	CK0809	Yes	5514	CK0809	EIS
93	Yes	20-Sep-2019	SOG	Chinook	CK0810	Total	1+	375	604	M	-	642	CK0810	Yes	5515	CK0810	EIS
94	Yes	21-Sep-2019	SOG	Chinook	CK0811	Total	0+	205	103	M	ADCWT	643	CK0811	Yes	5516	CK0811	
94	Yes	21-Sep-2019	SOG	Chinook	CK0812	Total	0+	260	227	F	-	644	CK0812	Yes	5517	CK0812	
94	Yes	21-Sep-2019	SOG	Chinook	CK0813	Total	0+	216	122	F	-	645	CK0813	Yes	5518	CK0813	
94	Yes	21-Sep-2019	SOG	Chinook	CK0814	Total	0+	200	96	M	-	646	CK0814	Yes	5519	CK0814	
94	Yes	21-Sep-2019	SOG	Chinook	CK0815	Total	0+	211	111	F	-	647	CK0815	Yes	5520	CK0815	
94	Yes	21-Sep-2019	SOG	Chinook	CK0816	Total	0+	196	87	F	-	648	CK0816	Yes	5521	CK0816	CAL
94	Yes	21-Sep-2019	SOG	Chinook	CK0817	Total	0+	194	79	F	-	649	CK0817	Yes	5522	CK0817	BM (5 cm)
94	Yes	21-Sep-2019	SOG	Chinook	CK0818	Total	0+	211	112	F	-	650	CK0818	Yes	5523	CK0818	
95	Yes	21-Sep-2019	SOG	Chinook	CK0819	Total	0+	223	130	F	-	651	CK0819	Yes	5524	CK0819	
95	Yes	21-Sep-2019	SOG	Chinook	CK0820	Total	0+	195	78	F	-	652	CK0820	Yes	5525	CK0820	
95	Yes	21-Sep-2019	SOG	Chinook	CK0821	Total	0+	192	77	M	-	653	CK0821	Yes	5526	CK0821	
95	Yes	21-Sep-2019	SOG	Chinook	CK0822	Total	0+	189	75	F	-	654	CK0822	Yes	5527	CK0822	
95	Yes	21-Sep-2019	SOG	Chinook	CK0823	Total	0+	207	105	M	-	655	CK0823	Yes	5528	CK0823	
97	Yes	21-Sep-2019	SOG	Chinook	CK0824	Total	0+	219	129	M	-	656	CK0824	Yes	5529	CK0824	
97	Yes	21-Sep-2019	SOG	Chinook	CK0825	Total	0+	230	136	F	-	657	CK0825	Yes	5530	CK0825	
97	Yes	21-Sep-2019	SOG	Chinook	CK0826	Total	0+	214	123	F	-	658	CK0826	Yes	5531	CK0826	LEP (female); CAL (1)
97	Yes	21-Sep-2019	SOG	Chinook	CK0827	Total	0+	203	101	F	-	659	CK0827	Yes	5532	CK0827	
98	Yes	21-Sep-2019	SOG	Chinook	CK0828	Total	0+	210	122	F	-	660	CK0828	Yes	5533	CK0828	
100	Yes	22-Sep-2019	SOG	Chinook	CK0829	Total	0+	232	147	-	-	-	CK0829	-	5534	-	
100	Yes	22-Sep-2019	SOG	Chinook	CK0830	Total	0+	202	87	-	-	-	CK0830	-	5535	-	
100	Yes	22-Sep-2019	SOG	Chinook	CK0831	Total	0+	255	220	-	-	-	CK0831	-	5536	-	
100	Yes	22-Sep-2019	SOG	Chinook	CK0832	Total	1+	400	770	M	-	661	CK0832	-	5537	CK0832	
101	Yes	22-Sep-2019	SOG	Chinook	CK0833	Total	1+	650	3526	F	-	662	CK0833	Yes	5538	CK0833	
101	Yes	22-Sep-2019	SOG	Chinook	CK0834	Total	1+	380	780	F	AD	663	CK0834	Yes	5539	CK0834	
101	Yes	22-Sep-2019	SOG	Chinook	CK0835	Total	0+	279	276	F	-	664	CK0835	Yes	5540	CK0835	
101	Yes	22-Sep-2019	SOG	Chinook	CK0836	Total	0+	267	248	F	-	665	CK0836	Yes	5541	CK0836	
101	Yes	22-Sep-2019	SOG	Chinook	CK0837	Total	0+	283	288	F	-	666	CK0837	Yes	5542	CK0837	
101	Yes	22-Sep-2019	SOG	Chinook	CK0838	Total	0+	231	157	M	-	667	CK0838	Yes	5543	CK0838	
104	Yes	22-Sep-2019	SOG	Chinook	CK0839	Total	0+	241	181	M	-	668	CK0839	-	5544	CK0839	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
105	Yes	22-Sep-2019	SOG	Chinook	CK0840	Total	0+	221	142	M	-	669	CK0840	-	5545	CK0840	
106	Yes	22-Sep-2019	SOG	Chinook	CK0841	Total	0+	192	77	M	-	670	CK0841	-	5546	CK0841	BM (4.5 cm)
107	Yes	23-Sep-2019	SOG	Chinook	CK0842	Random	0+	191	-	F	-	671	CK0842	-	5547	CK0842	
107	Yes	23-Sep-2019	SOG	Chinook	CK0843	Random	0+	222	-	M	-	672	CK0843	-	5548	CK0843	
107	Yes	23-Sep-2019	SOG	Chinook	CK0844	Random	0+	184	-	M	-	673	CK0844	-	5549	CK0844	
107	Yes	23-Sep-2019	SOG	Chinook	CK0845	Random	0+	238	-	F	-	674	CK0845	-	5550	CK0845	
107	Yes	23-Sep-2019	SOG	Chinook	CK0846	Random	0+	234	-	F	-	675	CK0846	-	5551	CK0846	CAL
107	Yes	23-Sep-2019	SOG	Chinook	CK0847	Random	0+	109	-	M	-	676	CK0847	Yes	5552	CK0847	
107	Yes	23-Sep-2019	SOG	Chinook	CK0848	Random	0+	226	-	F	-	677	CK0848	Yes	5553	CK0848	
107	Yes	23-Sep-2019	SOG	Chinook	CK0849	Random	0+	192	-	M	-	678	CK0849	Yes	5554	CK0849	
107	Yes	23-Sep-2019	SOG	Chinook	CK0850	Random	0+	213	-	F	-	679	CK0850	Yes	5555	CK0850	
107	Yes	23-Sep-2019	SOG	Chinook	CK0851	Random	0+	223	-	F	-	680	CK0851	Yes	5556	CK0851	
107	Yes	23-Sep-2019	SOG	Chinook	CK0852	Random	0+	205	-	M	-	681	CK0852	Yes	5557	CK0852	
107	Yes	23-Sep-2019	SOG	Chinook	CK0853	Random	0+	218	-	M	-	682	CK0853	Yes	5558	CK0853	
107	Yes	23-Sep-2019	SOG	Chinook	CK0854	Random	0+	239	-	M	-	683	CK0854	Yes	5559	CK0854	
107	Yes	23-Sep-2019	SOG	Chinook	CK0855	Random	0+	190	-	F	-	684	CK0855	Yes	5560	CK0855	
107	Yes	23-Sep-2019	SOG	Chinook	CK0856	Random	0+	206	-	F	-	685	CK0856	Yes	5561	CK0856	
107	Yes	23-Sep-2019	SOG	Chinook	CK0857	Random	0+	206	-	F	-	686	CK0857	Yes	5562	CK0857	
107	Yes	23-Sep-2019	SOG	Chinook	CK0858	Random	0+	197	-	M	-	687	CK0858	-	5563	CK0858	
107	Yes	23-Sep-2019	SOG	Chinook	CK0859	Random	0+	188	-	M	-	688	CK0859	-	5564	CK0859	
107	Yes	23-Sep-2019	SOG	Chinook	CK0860	Random	0+	218	-	F	-	689	CK0860	Yes	5565	CK0860	
107	Yes	23-Sep-2019	SOG	Chinook	CK0861	Random	0+	209	-	M	-	690	CK0861	-	5566	CK0861	
107	Yes	23-Sep-2019	SOG	Chinook	CK0862	Random	0+	203	-	-	-	-	CK0862	-	5567	-	
107	Yes	23-Sep-2019	SOG	Chinook	CK0863	Random	0+	214	-	-	-	-	CK0863	-	5568	-	
107	Yes	23-Sep-2019	SOG	Chinook	CK0864	Random	0+	196	-	-	-	-	CK0864	-	5569	-	
107	Yes	23-Sep-2019	SOG	Chinook	CK0865	Random	0+	244	-	-	-	-	CK0865	-	5570	-	
107	Yes	23-Sep-2019	SOG	Chinook	CK0866	Random	0+	214	-	-	-	-	CK0866	-	5571	-	
107	Yes	23-Sep-2019	SOG	Chinook	CK0867	Random	0+	215	-	-	-	-	CK0867	-	5572	-	
107	Yes	23-Sep-2019	SOG	Chinook	CK0868	Random	0+	182	-	-	-	-	CK0868	-	5573	-	
107	Yes	23-Sep-2019	SOG	Chinook	CK0869	Random	0+	197	-	-	AD	-	CK0869	-	5574	-	
107	Yes	23-Sep-2019	SOG	Chinook	CK0870	Random	0+	201	-	-	-	-	CK0870	-	5575	-	
107	Yes	23-Sep-2019	SOG	Chinook	CK0871	Random	0+	160	-	-	-	-	CK0871	-	5576	-	
107	Yes	23-Sep-2019	SOG	Chinook	CK0872	Select ¹	0+	220	-	-	ADCWT	691	CK0872	-	5577	CK0872	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	185	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	205	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	196	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	185	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	214	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	200	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	231	-	-	-	-	-	-	-	-	

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107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	198	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	206	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	205	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	185	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	184	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	215	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	205	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	210	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	202	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	203	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	204	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	190	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	195	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	196	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	208	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	190	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	201	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	218	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	202	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	210	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	190	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	196	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	197	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	201	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	208	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	175	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	180	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	208	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	189	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	200	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	218	-	-	-	-	-	-	-	-	
108	Yes	23-Sep-2019	SOG	Chinook	CK0873	Total	0+	196	86	M	-	692	CK0873	Yes	5578	CK0873	
108	Yes	23-Sep-2019	SOG	Chinook	CK0874	Total	0+	181	67	M	-	693	CK0874	Yes	5579	CK0874	
108	Yes	23-Sep-2019	SOG	Chinook	CK0875	Total	0+	254	198	F	-	694	CK0875	Yes	5580	CK0875	
108	Yes	23-Sep-2019	SOG	Chinook	CK0876	Total	0+	186	75	M	-	695	CK0876	Yes	5581	CK0876	
108	Yes	23-Sep-2019	SOG	Chinook	CK0877	Total	0+	224	136	F	-	696	CK0877	Yes	5582	CK0877	
108	Yes	23-Sep-2019	SOG	Chinook	CK0878	Total	0+	211	106	F	-	697	CK0878	Yes	5583	CK0878	
108	Yes	23-Sep-2019	SOG	Chinook	CK0879	Total	0+	189	70	F	-	698	CK0879	Yes	5584	CK0879	
108	Yes	23-Sep-2019	SOG	Chinook	CK0880	Total	0+	202	97	M	-	699	CK0880	Yes	5585	CK0880	
109	Yes	23-Sep-2019	SOG	Chinook	CK0881	Total	1+	942	-	-	-	-	-	Yes	5586	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
109	Yes	23-Sep-2019	SOG	Chinook	CK0882	Total	0+	270	239	M	-	700	CK0882	Yes	5587	CK0882	
109	Yes	23-Sep-2019	SOG	Chinook	CK0883	Total	0+	231	153	F	-	701	CK0883	Yes	5588	CK0883	
109	Yes	23-Sep-2019	SOG	Chinook	CK0884	Total	0+	240	164	M	-	702	CK0884	Yes	5589	CK0884	
109	Yes	23-Sep-2019	SOG	Chinook	CK0885	Total	0+	203	93	F	-	703	CK0885	Yes	5590	CK0885	LEP (male)
109	Yes	23-Sep-2019	SOG	Chinook	CK0886	Total	0+	173	61	M	-	704	CK0886	-	5591	CK0886	LEP (male)
109	Yes	23-Sep-2019	SOG	Chinook	CK0887	Total	0+	269	-	M	-	705	CK0887	-	5592	CK0887	
109	Yes	23-Sep-2019	SOG	Chinook	CK0888	Total	0+	213	-	M	-	706	CK0888	-	5593	CK0888	LEP (male)
109	Yes	23-Sep-2019	SOG	Chinook	CK0889	Total	0+	236	-	M	-	707	CK0889	-	5594	CK0889	
109	Yes	23-Sep-2019	SOG	Chinook	CK0890	Total	0+	193	-	M	-	708	CK0890	-	5595	CK0890	
110	Yes	23-Sep-2019	SOG	Chinook	CK0891	Random	0+	195	84	F	-	709	CK0891	Yes	5596	CK0891	
110	Yes	23-Sep-2019	SOG	Chinook	CK0892	Random	0+	206	103	M	-	710	CK0892	Yes	5597	CK0892	
110	Yes	23-Sep-2019	SOG	Chinook	CK0893	Random	0+	232	161	F	-	711	CK0893	Yes	5598	CK0893	
110	Yes	23-Sep-2019	SOG	Chinook	CK0894	Random	0+	215	122	M	-	712	CK0894	Yes	5599	CK0894	
110	Yes	23-Sep-2019	SOG	Chinook	CK0895	Random	0+	168	59	M	-	713	CK0895	Yes	5600	CK0895	CAL
110	Yes	23-Sep-2019	SOG	Chinook	CK0896	Random	0+	226	148	M	-	714	CK0896	Yes	5800	CK0896	
110	Yes	23-Sep-2019	SOG	Chinook	CK0897	Random	0+	191	73	F	-	715	CK0897	Yes	5801	CK0897	
110	Yes	23-Sep-2019	SOG	Chinook	CK0898	Random	0+	211	108	M	-	716	CK0898	Yes	5802	CK0898	
110	Yes	23-Sep-2019	SOG	Chinook	CK0899	Random	0+	183	70	M	-	717	CK0899	Yes	5803	CK0899	
110	Yes	23-Sep-2019	SOG	Chinook	CK0900	Random	0+	170	60	F	-	718	CK0900	Yes	5804	CK0900	
110	Yes	23-Sep-2019	SOG	Chinook	CK0901	Random	0+	199	89	M	-	719	CK0901	-	5805	CK0901	
110	Yes	23-Sep-2019	SOG	Chinook	CK0902	Random	0+	194	83	M	-	720	CK0902	Yes	5806	CK0902	
110	Yes	23-Sep-2019	SOG	Chinook	CK0903	Random	0+	196	94	F	-	722	CK0903	Yes	5808	CK0903	
110	Yes	23-Sep-2019	SOG	Chinook	CK0904	Random	0+	247	193	F	-	721	CK0904	Yes	5807	CK0904	
110	Yes	23-Sep-2019	SOG	Chinook	CK0905	Random	0+	224	135	F	AD	723	CK0905	Yes	5809	CK0905	
110	Yes	23-Sep-2019	SOG	Chinook	CK0906	Random	0+	220	127	F	-	724	CK0906	Yes	5810	CK0906	
110	Yes	23-Sep-2019	SOG	Chinook	CK0907	Random	0+	184	72	M	-	725	CK0907	Yes	5811	CK0907	
110	Yes	23-Sep-2019	SOG	Chinook	CK0908	Random	0+	185	72	F	-	726	CK0908	Yes	5812	CK0908	
110	Yes	23-Sep-2019	SOG	Chinook	CK0909	Random	0+	200	96	M	-	727	CK0909	-	5813	CK0909	
110	Yes	23-Sep-2019	SOG	Chinook	CK0910	Random	0+	211	115	M	ADCWT	728	CK0910	-	5814	CK0910	
110	Yes	23-Sep-2019	SOG	Chinook	CK0911	Select ¹	0+	175	65	M	ADCWT	729	CK0911	-	5815	CK0911	
110	Yes	23-Sep-2019	SOG	Chinook	CK0912	Select ¹	0+	221	126	F	ADCWT	730	CK0912	-	5816	CK0912	
110	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	181	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	200	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	195	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	185	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	190	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	261	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	230	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	229	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	271	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
110	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	220	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	210	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	195	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	200	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	232	-	-	-	-	-	-	-	-	
111	Yes	23-Sep-2019	SOG	Chinook	CK0913	Total	0+	203	-	M	-	731	CK0913	-	5817	CK0913	
111	Yes	23-Sep-2019	SOG	Chinook	CK0914	Total	0+	181	-	M	-	732	CK0914	-	5818	CK0914	
111	Yes	23-Sep-2019	SOG	Chinook	CK0915	Total	0+	204	-	M	-	733	CK0915	-	5819	CK0915	
111	Yes	23-Sep-2019	SOG	Chinook	CK0916	Total	0+	223	-	M	-	734	CK0916	-	5820	CK0916	LEP (gravid)
111	Yes	23-Sep-2019	SOG	Chinook	CK0917	Total	0+	253	-	F	-	735	CK0917	-	5821	CK0917	
111	Yes	23-Sep-2019	SOG	Chinook	CK0918	Total	0+	222	-	-	-	-	CK0918	-	5822	-	
111	Yes	23-Sep-2019	SOG	Chinook	CK0919	Total	0+	229	-	-	-	-	CK0919	-	5823	-	
111	Yes	23-Sep-2019	SOG	Chinook	CK0920	Total	0+	260	-	-	-	-	CK0920	-	5824	-	
111	Yes	23-Sep-2019	SOG	Chinook	CK0921	Total	0+	258	-	-	-	-	CK0921	-	5825	-	
112	Yes	23-Sep-2019	SOG	Chinook	CK0922	Random	0+	185	77	M	ADCWT	736	CK0922	-	5826	CK0922	
112	Yes	23-Sep-2019	SOG	Chinook	CK0923	Random	0+	245	193	F	-	737	CK0923	Yes	5827	CK0923	
112	Yes	23-Sep-2019	SOG	Chinook	CK0924	Random	0+	235	174	M	-	738	CK0924	-	5828	CK0924	
112	Yes	23-Sep-2019	SOG	Chinook	CK0925	Random	0+	223	142	M	-	739	CK0925	Yes	5829	CK0925	
112	Yes	23-Sep-2019	SOG	Chinook	CK0926	Random	0+	200	86	M	-	740	CK0926	Yes	5830	CK0926	
112	Yes	23-Sep-2019	SOG	Chinook	CK0927	Random	0+	172	62	F	-	741	CK0927	-	5831	CK0927	LW (LD1, 1.0 cm)
112	Yes	23-Sep-2019	SOG	Chinook	CK0928	Random	0+	183	70	M	-	742	CK0928	-	5832	CK0928	
112	Yes	23-Sep-2019	SOG	Chinook	CK0929	Random	0+	228	143	M	-	743	CK0929	-	5833	CK0929	
112	Yes	23-Sep-2019	SOG	Chinook	CK0930	Random	0+	225	137	M	-	744	CK0930	Yes	5834	CK0930	
112	Yes	23-Sep-2019	SOG	Chinook	CK0931	Random	0+	241	166	M	-	745	CK0931	Yes	5835	CK0931	
112	Yes	23-Sep-2019	SOG	Chinook	CK0932	Random	0+	221	124	F	-	746	CK0932	-	5836	CK0932	
112	Yes	23-Sep-2019	SOG	Chinook	CK0933	Random	0+	236	165	M	-	747	CK0933	-	5837	CK0933	
112	Yes	23-Sep-2019	SOG	Chinook	CK0934	Random	0+	214	110	M	-	748	CK0934	-	5838	CK0934	
112	Yes	23-Sep-2019	SOG	Chinook	CK0935	Random	0+	226	126	F	-	749	CK0935	Yes	5839	CK0935	
112	Yes	23-Sep-2019	SOG	Chinook	CK0936	Random	0+	229	141	F	-	750	CK0936	Yes	5840	CK0936	
112	Yes	23-Sep-2019	SOG	Chinook	CK0937	Random	0+	266	252	M	-	751	CK0937	-	5841	CK0937	CAL
112	Yes	23-Sep-2019	SOG	Chinook	CK0938	Random	0+	270	258	M	-	752	CK0938	Yes	5842	CK0938	
112	Yes	23-Sep-2019	SOG	Chinook	CK0939	Random	0+	170	63	M	-	753	CK0939	-	5843	CK0939	
112	Yes	23-Sep-2019	SOG	Chinook	CK0940	Random	0+	219	137	F	-	754	CK0940	-	5844	CK0940	
112	Yes	23-Sep-2019	SOG	Chinook	CK0941	Random	0+	158	45	M	-	755	CK0941	-	5845	CK0941	
112	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	190	-	-	-	-	-	-	-	-	
112	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	165	-	-	-	-	-	-	-	-	
112	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	188	-	-	-	-	-	-	-	-	
112	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	205	-	-	-	-	-	-	-	-	
112	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	208	-	-	-	-	-	-	-	-	
112	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	218	-	-	-	-	-	-	-	-	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
112	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	226	-	-	-	-	-	-	-	-	
112	Yes	23-Sep-2019	SOG	Chinook	-	Random	0+	225	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	CK0942	Random	0+	197	94	M	AD	756	CK0942	Yes	5846	CK0942	
113	Yes	24-Sep-2019	SOG	Chinook	CK0943	Random	0+	198	95	M	ADCWT	757	CK0943	Yes	5847	CK0943	
113	Yes	24-Sep-2019	SOG	Chinook	CK0944	Random	0+	184	75	F	ADCWT	758	CK0944	Yes	5848	CK0944	
113	Yes	24-Sep-2019	SOG	Chinook	CK0945	Random	0+	222	129	F	-	759	CK0945	Yes	5849	CK0945	
113	Yes	24-Sep-2019	SOG	Chinook	CK0946	Random	0+	213	109	M	-	760	CK0946	Yes	5850	CK0946	
113	Yes	24-Sep-2019	SOG	Chinook	CK0947	Random	0+	216	120	M	-	761	CK0947	Yes	5851	CK0947	
113	Yes	24-Sep-2019	SOG	Chinook	CK0948	Random	0+	232	165	F	-	762	CK0948	-	5852	CK0948	
113	Yes	24-Sep-2019	SOG	Chinook	CK0949	Random	0+	193	84	M	-	763	CK0949	Yes	5853	CK0949	
113	Yes	24-Sep-2019	SOG	Chinook	CK0950	Random	0+	166	56	F	-	764	CK0950	Yes	5854	CK0950	
113	Yes	24-Sep-2019	SOG	Chinook	CK0951	Random	0+	231	148	M	-	765	CK0951	-	5855	CK0951	
113	Yes	24-Sep-2019	SOG	Chinook	CK0952	Random	0+	197	96	F	AD	766	CK0952	Yes	5856	CK0952	
113	Yes	24-Sep-2019	SOG	Chinook	CK0953	Random	0+	177	68	M	-	767	CK0953	Yes	5857	CK0953	
113	Yes	24-Sep-2019	SOG	Chinook	CK0954	Random	0+	182	69	F	-	768	CK0954	Yes	5858	CK0954	
113	Yes	24-Sep-2019	SOG	Chinook	CK0955	Random	0+	221	129	F	-	769	CK0955	-	5859	CK0955	BM (6 cm)
113	Yes	24-Sep-2019	SOG	Chinook	CK0956	Random	0+	208	112	F	-	770	CK0956	Yes	5860	CK0956	BM (5 cm)
113	Yes	24-Sep-2019	SOG	Chinook	CK0957	Random	0+	187	76	M	-	771	CK0957	Yes	5861	CK0957	
113	Yes	24-Sep-2019	SOG	Chinook	CK0958	Random	0+	247	206	M	-	772	CK0958	Yes	5862	CK0958	
113	Yes	24-Sep-2019	SOG	Chinook	CK0959	Random	0+	196	87	M	-	773	CK0959	Yes	5863	CK0959	
113	Yes	24-Sep-2019	SOG	Chinook	CK0960	Random	0+	196	84	M	AD	774	CK0960	-	5864	CK0960	
113	Yes	24-Sep-2019	SOG	Chinook	CK0961	Random	0+	224	138	F	AD	775	CK0961	-	5865	CK0961	
113	Yes	24-Sep-2019	SOG	Chinook	CK0962	Select ¹	0+	191	78	-	ADCWT	-	CK0962	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	CK0963	Select ¹	0+	203	98	-	CWT	-	CK0963	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	CK0964	Select ¹	0+	211	124	-	CWT	-	CK0964	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	CK0965	Select ¹	0+	189	82	-	CWT	-	CK0965	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	CK0966	Select ¹	0+	212	118	-	ADCWT	-	CK0966	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	CK0967	Select ¹	0+	249	190	-	ADCWT	-	CK0967	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	CK0968	Select ¹	0+	188	79	-	CWT	-	CK0968	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	CK0969	Select ¹	0+	270	229	-	ADCWT	-	CK0969	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	CK0970	Select ¹	0+	231	152	-	ADCWT	-	CK0970	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	CK0971	Select ³	0+	125	21	-	-	-	CK0971	-	5866	-	
113	Yes	24-Sep-2019	SOG	Chinook	CK0972	Random	0+	190	84	-	CWT	776	-	-	5867	CK0972	
113	Yes	24-Sep-2019	SOG	Chinook	CK0973	Random	0+	171	56	-	CWT	777	-	-	5868	CK0973	
113	Yes	24-Sep-2019	SOG	Chinook	CK0974	Random	0+	287	329	-	AD	778	-	-	5869	CK0974	
113	Yes	24-Sep-2019	SOG	Chinook	CK0975	Random	0+	248	199	-	-	779	-	-	5870	CK0975	
113	Yes	24-Sep-2019	SOG	Chinook	CK0976	Random	0+	188	79	-	AD	780	-	Yes	5871	CK0976	
113	Yes	24-Sep-2019	SOG	Chinook	CK0977	Random	0+	176	64	-	-	781	-	-	5872	CK0977	
113	Yes	24-Sep-2019	SOG	Chinook	CK0978	Random	0+	202	107	-	-	782	-	-	5873	CK0978	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
113	Yes	24-Sep-2019	SOG	Chinook	CK0979	Random	0+	209	117	-	AD	783	-	-	5874	CK0979	
113	Yes	24-Sep-2019	SOG	Chinook	CK0980	Random	0+	199	85	-	-	784	-	-	5875	CK0980	
113	Yes	24-Sep-2019	SOG	Chinook	CK0981	Random	0+	161	45	-	-	785	-	-	5876	CK0981	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	175	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	188	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	176	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	195	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	164	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	166	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	183	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	186	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	195	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	162	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	235	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	210	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	220	-	-	AD	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	220	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	172	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	190	-	-	AD	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	163	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	220	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	190	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	155	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	228	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	226	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	220	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	195	-	-	AD	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	152	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	162	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	172	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	175	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	226	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	210	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	206	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	185	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	201	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	186	-	-	AD	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	185	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	168	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	164	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	172	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	150	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	120	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chinook	-	Random	0+	155	-	-	-	-	-	-	-	-	
114	Yes	24-Sep-2019	SOG	Chinook	CK0982	Total	0+	242	181	M	-	786	CK0982	Yes	5877	CK0982	
114	Yes	24-Sep-2019	SOG	Chinook	CK0983	Total	0+	212	111	M	AD	787	CK0983	Yes	5878	CK0983	
114	Yes	24-Sep-2019	SOG	Chinook	CK0984	Total	0+	243	198	M	-	788	CK0984	Yes	5879	CK0984	
114	Yes	24-Sep-2019	SOG	Chinook	CK0985	Total	0+	229	153	M	-	789	CK0985	Yes	5880	CK0985	
114	Yes	24-Sep-2019	SOG	Chinook	CK0986	Total	0+	178	64	M	-	790	CK0986	Yes	5881	CK0986	
114	Yes	24-Sep-2019	SOG	Chinook	CK0987	Total	0+	234	171	M	-	791	CK0987	Yes	5882	CK0987	
115	Yes	24-Sep-2019	SOG	Chinook	CK0988	Total	0+	158	44	M	-	792	CK0988	-	5883	CK0988	
115	Yes	24-Sep-2019	SOG	Chinook	CK0989	Total	0+	210	107	M	-	793	CK0989	Yes	5884	CK0989	
115	Yes	24-Sep-2019	SOG	Chinook	CK0990	Total	0+	237	174	M	-	794	CK0990	Yes	5885	CK0990	
117	Yes	24-Sep-2019	SOG	Chinook	CK0991	Total	0+	220	124	F	ADCWT	795	CK0991	Yes	5886	CK0991	
117	Yes	24-Sep-2019	SOG	Chinook	CK0992	Total	0+	195	88	M	ADCWT	796	CK0992	Yes	5887	CK0992	
117	Yes	24-Sep-2019	SOG	Chinook	CK0993	Total	0+	188	77	F	-	797	CK0993	Yes	5888	CK0993	LEP (male)
117	Yes	24-Sep-2019	SOG	Chinook	CK0994	Total	0+	177	65	F	-	798	CK0994	Yes	5889	CK0994	
117	Yes	24-Sep-2019	SOG	Chinook	CK0995	Total	0+	165	52	M	-	799	CK0995	Yes	5890	CK0995	
117	Yes	24-Sep-2019	SOG	Chinook	CK0996	Total	0+	155	41	F	-	800	CK0996	Yes	5891	CK0996	
117	Yes	24-Sep-2019	SOG	Chinook	CK0997	Total	0+	266	269	M	-	801	CK0997	Yes	5892	CK0997	
117	Yes	24-Sep-2019	SOG	Chinook	CK0998	Total	0+	218	140	F	-	802	CK0998	Yes	5893	CK0998	
117	Yes	24-Sep-2019	SOG	Chinook	CK0999	Total	0+	170	57	F	-	803	CK0999	Yes	5894	CK0999	
117	Yes	24-Sep-2019	SOG	Chinook	CK1000	Total	0+	251	201	M	-	804	CK1000	Yes	5895	CK1000	
118	Yes	24-Sep-2019	SOG	Chinook	CK1001	Total	0+	237	173	F	-	805	CK1001	Yes	5896	CK1001	
118	Yes	24-Sep-2019	SOG	Chinook	CK1002	Total	0+	216	119	F	-	806	CK1002	Yes	5897	CK1002	
120	Yes	24-Sep-2019	SOG	Chinook	CK1003	Total	0+	220	126	F	-	807	CK1003	Yes	5898	CK1003	
120	Yes	24-Sep-2019	SOG	Chinook	CK1004	Total	0+	206	104	M	AD	808	CK1004	Yes	5899	CK1004	
120	Yes	24-Sep-2019	SOG	Chinook	CK1005	Total	0+	213	128	M	-	809	CK1005	-	5900	CK1005	
120	Yes	24-Sep-2019	SOG	Chinook	CK1006	Total	0+	241	199	M	-	810	CK1006	-	5901	CK1006	
121	Yes	24-Sep-2019	SOG	Chinook	CK1007	Total	0+	197	89	F	ADCWT	811	CK1007	Yes	5902	CK1007	
121	Yes	24-Sep-2019	SOG	Chinook	CK1008	Total	0+	238	185	M	ADCWT	812	CK1008	Yes	5903	CK1008	
121	Yes	24-Sep-2019	SOG	Chinook	CK1009	Total	0+	153	42	M	-	813	CK1009	Yes	5904	CK1009	CAL
121	Yes	24-Sep-2019	SOG	Chinook	CK1010	Total	0+	206	111	M	-	814	CK1010	Yes	5905	CK1010	
121	Yes	24-Sep-2019	SOG	Chinook	CK1011	Total	0+	166	54	M	-	815	CK1011	-	5906	CK1011	
121	Yes	24-Sep-2019	SOG	Chinook	CK1012	Total	0+	201	91	F	-	816	CK1012	-	5907	CK1012	
121	Yes	24-Sep-2019	SOG	Chinook	CK1013	Total	0+	208	115	M	AD	817	CK1013	Yes	5908	CK1013	
121	Yes	24-Sep-2019	SOG	Chinook	CK1014	Total	0+	195	89	M	AD	818	CK1014	Yes	5909	CK1014	
121	Yes	24-Sep-2019	SOG	Chinook	CK1015	Total	0+	276	247	M	AD	819	CK1015	Yes	5910	CK1015	CAL
121	Yes	24-Sep-2019	SOG	Chinook	CK1016	Total	0+	194	85	M	AD	820	CK1016	Yes	5911	CK1016	
121	Yes	24-Sep-2019	SOG	Chinook	CK1017	Total	0+	242	168	M	-	821	CK1017	Yes	5912	CK1017	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
121	Yes	24-Sep-2019	SOG	Chinook	CK1018	Total	0+	239	153	M	-	822	CK1018	Yes	5913	CK1018	
121	Yes	24-Sep-2019	SOG	Chinook	CK1019	Total	0+	222	148	M	AD	823	CK1019	Yes	5914	CK1019	
121	Yes	24-Sep-2019	SOG	Chinook	CK1020	Total	0+	205	101	M	-	824	CK1020	Yes	5915	CK1020	
121	Yes	24-Sep-2019	SOG	Chinook	CK1021	Total	0+	178	66	M	-	825	CK1021	-	5916	CK1021	CAL
121	Yes	24-Sep-2019	SOG	Chinook	CK1022	Total	0+	197	89	F	AD	826	CK1022	Yes	5917	CK1022	
122	No	25-Sep-2019	JDEF	Chinook	CK1023	Total	0+	210	112	M	ADCWT	827	CK1023	-	5918	CK1023	
122	No	25-Sep-2019	JDEF	Chinook	CK1024	Total	0+	201	88	F	CWT	828	CK1024	-	5919	CK1024	
122	No	25-Sep-2019	JDEF	Chinook	CK1025	Total	0+	203	85	M	AD	829	CK1025	-	5920	CK1025	GC
122	No	25-Sep-2019	JDEF	Chinook	CK1026	Total	0+	187	78	M	-	830	CK1026	-	5921	CK1026	
122	No	25-Sep-2019	JDEF	Chinook	CK1027	Total	0+	206	100	M	-	831	CK1027	-	5922	CK1027	
122	No	25-Sep-2019	JDEF	Chinook	CK1028	Total	0+	198	84	F	-	832	CK1028	-	5923	CK1028	
122	No	25-Sep-2019	JDEF	Chinook	CK1029	Total	0+	205	106	M	AD	833	CK1029	-	5924	CK1029	
123	No	25-Sep-2019	JDEF	Chinook	CK1030	Total	0+	231	146	M	AD	834	CK1030	-	5925	CK1030	
124	No	25-Sep-2019	JDEF	Chinook	CK1031	Total	0+	194	84	F	-	835	CK1031	Yes	5926	CK1031	
124	No	25-Sep-2019	JDEF	Chinook	CK1032	Total	0+	221	130	F	AD	836	CK1032	Yes	5927	CK1032	
124	No	25-Sep-2019	JDEF	Chinook	CK1033	Total	0+	201	97	M	AD	837	CK1033	-	5928	CK1033	
124	No	25-Sep-2019	JDEF	Chinook	CK1034	Total	0+	210	103	F	-	838	CK1034	-	5929	CK1034	
124	No	25-Sep-2019	JDEF	Chinook	CK1035	Total	0+	225	134	F	AD	839	CK1035	Yes	5930	CK1035	
124	No	25-Sep-2019	JDEF	Chinook	CK1036	Total	0+	243	173	F	-	840	CK1036	-	5931	CK1036	
124	No	25-Sep-2019	JDEF	Chinook	CK1037	Total	0+	226	145	M	AD	841	CK1037	Yes	5932	CK1037	
124	No	25-Sep-2019	JDEF	Chinook	CK1038	Total	0+	205	98	M	-	842	CK1038	Yes	5933	CK1038	
124	No	25-Sep-2019	JDEF	Chinook	CK1039	Total	0+	181	69	F	-	843	CK1039	Yes	5934	CK1039	
124	No	25-Sep-2019	JDEF	Chinook	CK1040	Total	0+	209	102	F	AD	844	CK1040	Yes	5935	CK1040	
124	No	25-Sep-2019	JDEF	Chinook	CK1041	Total	0+	238	150	M	AD	845	CK1041	Yes	5936	CK1041	BM (8 cm)
124	No	25-Sep-2019	JDEF	Chinook	CK1042	Total	0+	215	113	M	AD	846	CK1042	Yes	5937	CK1042	LEP (gravid)
124	No	25-Sep-2019	JDEF	Chinook	CK1043	Total	0+	199	89	M	-	847	CK1043	Yes	5938	CK1043	
124	No	25-Sep-2019	JDEF	Chinook	CK1044	Total	0+	213	108	M	ADCWT	848	CK1044	-	5939	CK1044	
125	No	25-Sep-2019	JDEF	Chinook	CK1045	Total	1+	399	768	F	AD	849	CK1045	Yes	5940	CK1045	LEP (female)
125	No	25-Sep-2019	JDEF	Chinook	CK1046	Total	0+	176	61	M	-	850	CK1046	Yes	5941	CK1046	CAL
125	No	25-Sep-2019	JDEF	Chinook	CK1047	Total	0+	216	128	F	AD	851	CK1047	Yes	5942	CK1047	
125	No	25-Sep-2019	JDEF	Chinook	CK1048	Total	0+	226	136	M	-	852	CK1048	Yes	5943	CK1048	
125	No	25-Sep-2019	JDEF	Chinook	CK1049	Total	0+	235	171	F	-	853	CK1049	Yes	5944	CK1049	
125	No	25-Sep-2019	JDEF	Chinook	CK1050	Total	0+	246	178	F	-	854	CK1050	Yes	5945	CK1050	
127	No	25-Sep-2019	JDEF	Chinook	CK1051	Total	0+	203	98	M	-	855	CK1051	Yes	5946	CK1051	
128	No	26-Sep-2019	GISL	Chinook	CK1052	Select ¹	0+	202	85	F	ADCWT	856	CK1052	Yes	5947	CK1052	
128	No	26-Sep-2019	GISL	Chinook	CK1053	Select ¹	0+	226	138	F	ADCWT	857	CK1053	Yes	5948	CK1053	
128	No	26-Sep-2019	GISL	Chinook	CK1054	Select ¹	0+	211	111	M	ADCWT	858	CK1054	Yes	5949	CK1054	
128	No	26-Sep-2019	GISL	Chinook	CK1055	Select ¹	0+	217	135	F	ADCWT	859	CK1055	Yes	5950	CK1055	
128	No	26-Sep-2019	GISL	Chinook	CK1056	Random	0+	175	65	-	AD	860	CK1056	Yes	5951	CK1056	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
128	No	26-Sep-2019	GISL	Chinook	CK1057	Random	0+	183	74	F	-	861	CK1057	Yes	5952	CK1057	
128	No	26-Sep-2019	GISL	Chinook	CK1058	Random	0+	179	70	M	-	862	CK1058	Yes	5953	CK1058	
128	No	26-Sep-2019	GISL	Chinook	CK1059	Random	0+	172	54	M	-	863	CK1059	Yes	5954	CK1059	Skinny
128	No	26-Sep-2019	GISL	Chinook	CK1060	Random	0+	210	117	F	-	864	CK1060	Yes	5955	CK1060	
128	No	26-Sep-2019	GISL	Chinook	CK1061	Random	0+	166	50	M	-	865	CK1061	Yes	5956	CK1061	
128	No	26-Sep-2019	GISL	Chinook	CK1062	Random	0+	204	106	F	-	866	CK1062	Yes	5957	CK1062	GC
128	No	26-Sep-2019	GISL	Chinook	CK1063	Random	0+	222	130	M	AD	867	CK1063	Yes	5958	CK1063	
128	No	26-Sep-2019	GISL	Chinook	CK1064	Random	0+	184	75	M	-	868	CK1064	Yes	5959	CK1064	
128	No	26-Sep-2019	GISL	Chinook	CK1065	Random	0+	155	44	M	-	869	CK1065	-	5960	CK1065	
128	No	26-Sep-2019	GISL	Chinook	CK1066	Random	0+	180	69	F	-	870	CK1066	Yes	5961	CK1066	
128	No	26-Sep-2019	GISL	Chinook	CK1067	Random	0+	198	94	M	-	871	CK1067	Yes	5962	CK1067	
128	No	26-Sep-2019	GISL	Chinook	CK1068	Random	0+	178	67	M	-	872	CK1068	Yes	5963	CK1068	
128	No	26-Sep-2019	GISL	Chinook	CK1069	Random	0+	153	40	M	-	873	CK1069	Yes	5964	CK1069	
128	No	26-Sep-2019	GISL	Chinook	CK1070	Random	0+	173	60	F	-	874	CK1070	-	5965	CK1070	
128	No	26-Sep-2019	GISL	Chinook	CK1071	Random	0+	181	67	M	AD	875	CK1071	Yes	5966	CK1071	
128	No	26-Sep-2019	GISL	Chinook	-	Random	0+	188	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chinook	-	Random	0+	230	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chinook	-	Random	0+	195	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chinook	-	Random	0+	168	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chinook	-	Random	0+	198	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chinook	-	Random	0+	190	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chinook	-	Random	0+	195	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chinook	-	Random	0+	180	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chinook	-	Random	0+	200	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chinook	-	Random	0+	191	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chinook	-	Random	0+	180	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chinook	-	Random	0+	190	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chinook	CK1072	Total	0+	221	118	F	ADCWT	876	CK1072	Yes	5967	CK1072	
129	No	26-Sep-2019	GISL	Chinook	CK1073	Total	0+	195	93	F	ADCWT	877	CK1073	Yes	5968	CK1073	
129	No	26-Sep-2019	GISL	Chinook	CK1074	Total	0+	254	192	F	AD	878	CK1074	Yes	5969	CK1074	LEP (female)
129	No	26-Sep-2019	GISL	Chinook	CK1075	Total	0+	163	49	F	-	879	CK1075	Yes	5970	CK1075	
129	No	26-Sep-2019	GISL	Chinook	CK1076	Total	0+	187	75	F	-	880	CK1076	Yes	5971	CK1076	
129	No	26-Sep-2019	GISL	Chinook	CK1077	Total	0+	195	92	M	-	881	CK1077	Yes	5972	CK1077	CAL
129	No	26-Sep-2019	GISL	Chinook	CK1078	Total	0+	205	99	F	-	882	CK1078	Yes	5973	CK1078	
129	No	26-Sep-2019	GISL	Chinook	CK1079	Total	0+	199	79	F	-	883	CK1079	Yes	5974	CK1079	
129	No	26-Sep-2019	GISL	Chinook	CK1080	Total	0+	179	69	M	-	884	CK1080	Yes	5975	CK1080	CAL
129	No	26-Sep-2019	GISL	Chinook	CK1081	Total	0+	167	54	M	-	885	CK1081	Yes	5976	CK1081	
130	No	26-Sep-2019	GISL	Chinook	CK1082	Select ¹	0+	181	64	F	ADCWT	886	CK1082	Yes	5977	CK1082	
130	No	26-Sep-2019	GISL	Chinook	CK1083	Select ¹	0+	157	45	F	ADCWT	887	CK1083	Yes	5978	CK1083	
130	No	26-Sep-2019	GISL	Chinook	CK1084	Random	0+	177	61	F	-	888	CK1084	Yes	5979	CK1084	

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130	No	26-Sep-2019	GISL	Chinook	CK1085	Random	0+	167	52	M	-	889	CK1085	Yes	5980	CK1085	
130	No	26-Sep-2019	GISL	Chinook	CK1086	Random	0+	216	120	M	-	890	CK1086	Yes	5981	CK1086	
130	No	26-Sep-2019	GISL	Chinook	CK1087	Random	0+	228	144	M	-	891	CK1087	Yes	5982	CK1087	
130	No	26-Sep-2019	GISL	Chinook	CK1088	Random	0+	220	130	M	-	892	CK1088	Yes	5983	CK1088	
130	No	26-Sep-2019	GISL	Chinook	CK1089	Random	0+	160	45	F	-	893	CK1089	Yes	5984	CK1089	
130	No	26-Sep-2019	GISL	Chinook	CK1090	Random	0+	176	55	M	-	894	CK1090	Yes	5985	CK1090	
130	No	26-Sep-2019	GISL	Chinook	CK1091	Random	0+	168	54	F	-	895	CK1091	Yes	5986	CK1091	
130	No	26-Sep-2019	GISL	Chinook	CK1092	Random	0+	170	56	M	-	896	CK1092	-	5987	CK1092	
130	No	26-Sep-2019	GISL	Chinook	CK1093	Random	0+	188	76	F	AD	897	CK1093	Yes	5988	CK1093	
130	No	26-Sep-2019	GISL	Chinook	CK1094	Random	0+	204	102	M	AD	898	CK1094	Yes	5989	CK1094	
130	No	26-Sep-2019	GISL	Chinook	CK1095	Random	0+	162	46	F	-	899	CK1095	Yes	5990	CK1095	
130	No	26-Sep-2019	GISL	Chinook	CK1096	Random	0+	182	67	M	-	900	CK1096	Yes	5991	CK1096	
130	No	26-Sep-2019	GISL	Chinook	CK1097	Random	0+	194	89	F	-	901	CK1097	Yes	5992	CK1097	
130	No	26-Sep-2019	GISL	Chinook	CK1098	Random	0+	243	184	M	-	902	CK1098	Yes	5993	CK1098	
130	No	26-Sep-2019	GISL	Chinook	CK1099	Random	0+	181	67	M	-	903	CK1099	Yes	5994	CK1099	
130	No	26-Sep-2019	GISL	Chinook	CK1100	Random	0+	160	46	M	-	904	CK1100	Yes	5995	CK1100	
130	No	26-Sep-2019	GISL	Chinook	CK1101	Random	0+	215	141	-	AD	905	CK1101	Yes	5996	CK1101	
130	No	26-Sep-2019	GISL	Chinook	CK1102	Select ¹	0+	213	134	M	ADCWT	906	CK1102	-	5997	CK1102	
130	No	26-Sep-2019	GISL	Chinook	CK1103	Select ¹	0+	169	58	-	ADCWT	-	CK1103	-	5998	-	
130	No	26-Sep-2019	GISL	Chinook	CK1104	Select ¹	0+	197	99	F	CWT	907	CK1104	-	5999	CK1104	
130	No	26-Sep-2019	GISL	Chinook	CK1105	Select ¹	0+	160	48	-	ADCWT	-	CK1105	-	6228	-	
130	No	26-Sep-2019	GISL	Chinook	-	Random	0+	191	-	-	-	-	-	-	-	-	
130	No	26-Sep-2019	GISL	Chinook	-	Random	0+	190	-	-	-	-	-	-	-	-	
130	No	26-Sep-2019	GISL	Chinook	-	Random	0+	166	-	-	-	-	-	-	-	-	
130	No	26-Sep-2019	GISL	Chinook	-	Random	0+	162	-	-	-	-	-	-	-	-	
130	No	26-Sep-2019	GISL	Chinook	-	Random	0+	181	-	-	-	-	-	-	-	-	
130	No	26-Sep-2019	GISL	Chinook	-	Random	0+	182	-	-	-	-	-	-	-	-	
130	No	26-Sep-2019	GISL	Chinook	-	Random	0+	202	-	-	-	-	-	-	-	-	
130	No	26-Sep-2019	GISL	Chinook	-	Random	0+	204	-	-	-	-	-	-	-	-	
130	No	26-Sep-2019	GISL	Chinook	-	Random	0+	154	-	-	-	-	-	-	-	-	
130	No	26-Sep-2019	GISL	Chinook	-	Random	0+	170	-	-	-	-	-	-	-	-	
130	No	26-Sep-2019	GISL	Chinook	-	Random	0+	212	-	-	-	-	-	-	-	-	
130	No	26-Sep-2019	GISL	Chinook	-	Random	0+	191	-	-	-	-	-	-	-	-	
130	No	26-Sep-2019	GISL	Chinook	-	Random	0+	186	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	CK1132	Random	0+	183	73	-	-	-	-	-	7799	-	
131	No	26-Sep-2019	GISL	Chinook	CK1106	Random	0+	183	68	F	ADCWT	908	CK1106	Yes	6229	CK1106	
131	No	26-Sep-2019	GISL	Chinook	CK1107	Random	0+	180	75	F	ADCWT	909	CK1107	Yes	6230	CK1107	
131	No	26-Sep-2019	GISL	Chinook	CK1108	Random	0+	243	186	F	AD	910	CK1108	Yes	6231	CK1108	
131	No	26-Sep-2019	GISL	Chinook	CK1109	Random	0+	175	70	M	-	911	CK1109	Yes	6232	CK1109	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
131	No	26-Sep-2019	GISL	Chinook	CK1110	Random	0+	165	56	F	-	912	CK1110	Yes	6233	CK1110	
131	No	26-Sep-2019	GISL	Chinook	CK1111	Random	0+	211	119	M	-	913	CK1111	Yes	6234	CK1111	
131	No	26-Sep-2019	GISL	Chinook	CK1112	Random	0+	189	86	M	-	914	CK1112	Yes	6235	CK1112	
131	No	26-Sep-2019	GISL	Chinook	CK1113	Random	0+	179	75	M	-	915	CK1113	Yes	6236	CK1113	
131	No	26-Sep-2019	GISL	Chinook	CK1114	Random	0+	178	58	F	-	916	CK1114	Yes	6237	CK1114	
131	No	26-Sep-2019	GISL	Chinook	CK1115	Random	0+	180	70	M	-	917	CK1115	Yes	6238	CK1115	
131	No	26-Sep-2019	GISL	Chinook	CK1116	Random	0+	174	62	M	-	918	CK1116	Yes	6239	CK1116	
131	No	26-Sep-2019	GISL	Chinook	CK1117	Random	0+	183	78	-	-	919	CK1117	Yes	6240	CK1117	
131	No	26-Sep-2019	GISL	Chinook	CK1118	Random	0+	191	84	F	-	920	CK1118	Yes	6241	CK1118	
131	No	26-Sep-2019	GISL	Chinook	CK1119	Random	0+	200	101	F	-	921	CK1119	Yes	6242	CK1119	
131	No	26-Sep-2019	GISL	Chinook	CK1120	Random	0+	190	91	-	-	922	CK1120	Yes	6243	CK1120	
131	No	26-Sep-2019	GISL	Chinook	CK1121	Random	0+	162	54	F	-	923	CK1121	Yes	6244	CK1121	
131	No	26-Sep-2019	GISL	Chinook	CK1122	Random	0+	214	132	F	-	924	CK1122	Yes	6245	CK1122	
131	No	26-Sep-2019	GISL	Chinook	CK1123	Random	0+	220	121	M	-	925	CK1123	Yes	6246	CK1123	
131	No	26-Sep-2019	GISL	Chinook	CK1124	Random	0+	196	92	F	-	926	CK1124	Yes	6247	CK1124	
131	No	26-Sep-2019	GISL	Chinook	CK1125	Random	0+	161	44	M	-	927	CK1125	Yes	6248	CK1125	
131	No	26-Sep-2019	GISL	Chinook	CK1126	Random	0+	185	84	-	-	-	-	-	6249	-	
131	No	26-Sep-2019	GISL	Chinook	CK1127	Random	0+	184	72	-	-	-	-	-	6250	-	
131	No	26-Sep-2019	GISL	Chinook	CK1128	Random	0+	180	73	-	-	-	-	-	6251	-	
131	No	26-Sep-2019	GISL	Chinook	CK1129	Random	0+	181	69	-	-	-	-	-	6252	-	
131	No	26-Sep-2019	GISL	Chinook	CK1130	Random	0+	198	94	-	-	-	-	-	6253	-	
131	No	26-Sep-2019	GISL	Chinook	CK1131	Random	0+	234	169	-	-	-	-	-	6254	-	
131	No	26-Sep-2019	GISL	Chinook	CK1133	Random	0+	190	87	-	-	-	-	-	6255	-	
131	No	26-Sep-2019	GISL	Chinook	CK1134	Random	0+	215	134	-	-	-	-	-	6256	-	
131	No	26-Sep-2019	GISL	Chinook	CK1135	Random	0+	166	49	-	-	-	-	-	6257	-	
131	No	26-Sep-2019	GISL	Chinook	CK1136	Total	1+	450	1075	M	ADCWT	928	CK1136	Yes	6258	CK1136	
131	No	26-Sep-2019	GISL	Chinook	CK1137	Select ¹	0+	181	76	M	ADCWT	929	CK1137	-	6259	CK1137	
131	No	26-Sep-2019	GISL	Chinook	CK1138	Select ¹	0+	164	60	M	ADCWT	930	CK1138	-	6260	CK1138	
131	No	26-Sep-2019	GISL	Chinook	CK1139	Select ¹	0+	185	86	M	ADCWT	931	CK1139	-	6261	CK1139	
131	No	26-Sep-2019	GISL	Chinook	CK1140	Select ¹	0+	206	114	F	ADCWT	932	CK1140	-	6262	CK1140	
131	No	26-Sep-2019	GISL	Chinook	CK1141	Select ¹	0+	169	66	M	ADCWT	933	CK1141	-	6263	CK1141	
131	No	26-Sep-2019	GISL	Chinook	CK1142	Select ¹	0+	211	129	-	ADCWT	934	CK1142	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	CK1143	Select ¹	0+	151	45	-	ADCWT	935	CK1143	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	CK1144	Select ¹	0+	174	66	-	ADCWT	936	CK1144	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	CK1145	Select ¹	0+	210	116	-	ADCWT	937	CK1145	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	CK1146	Select ¹	0+	199	99	-	ADCWT	938	CK1146	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	CK1147	Select ¹	0+	154	44	-	ADCWT	939	CK1147	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	-	Random	0+	182	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	-	Random	0+	210	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
131	No	26-Sep-2019	GISL	Chinook	-	Random	0+	165	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	-	Random	0+	169	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	-	Random	0+	195	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	-	Random	0+	185	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	-	Random	0+	150	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	-	Random	0+	267	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	-	Random	0+	220	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	-	Random	0+	192	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	-	Random	0+	190	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	-	Random	0+	215	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	-	Random	0+	205	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	-	Random	0+	161	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	-	Random	0+	160	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	-	Random	0+	200	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chinook	-	Random	0+	187	-	-	-	-	-	-	-	-	
132	No	26-Sep-2019	GISL	Chinook	CK1148	Random	0+	187	74	M	ADCWT	940	CK1148	Yes	6264	CK1148	LEP (female)
132	No	26-Sep-2019	GISL	Chinook	CK1149	Random	0+	226	158	M	ADCWT	941	CK1149	Yes	6265	CK1149	
132	No	26-Sep-2019	GISL	Chinook	CK1150	Random	0+	174	66	F	ADCWT	942	CK1150	Yes	6266	CK1150	
132	No	26-Sep-2019	GISL	Chinook	CK1151	Random	0+	168	59	F	-	943	CK1151	Yes	6267	CK1151	
132	No	26-Sep-2019	GISL	Chinook	CK1152	Random	0+	195	82	M	-	944	CK1152	Yes	6268	CK1152	
132	No	26-Sep-2019	GISL	Chinook	CK1153	Random	0+	163	53	F	-	945	CK1153	Yes	6269	CK1153	
132	No	26-Sep-2019	GISL	Chinook	CK1154	Random	0+	196	89	M	-	946	CK1154	Yes	6270	CK1154	
132	No	26-Sep-2019	GISL	Chinook	CK1155	Random	0+	188	71	F	-	947	CK1155	Yes	6271	CK1155	Skinny
132	No	26-Sep-2019	GISL	Chinook	CK1156	Random	0+	174	57	M	-	948	CK1156	Yes	6272	CK1156	
132	No	26-Sep-2019	GISL	Chinook	CK1157	Random	0+	245	196	M	AD	949	CK1157	Yes	6273	CK1157	
132	No	26-Sep-2019	GISL	Chinook	CK1158	Random	0+	206	115	M	-	950	CK1158	Yes	6274	CK1158	CAL
132	No	26-Sep-2019	GISL	Chinook	CK1159	Random	0+	188	79	F	-	951	CK1159	Yes	6275	CK1159	
132	No	26-Sep-2019	GISL	Chinook	CK1160	Random	0+	189	81	F	-	952	CK1160	Yes	6276	CK1160	
132	No	26-Sep-2019	GISL	Chinook	CK1161	Random	0+	170	59	F	-	953	CK1161	Yes	6277	CK1161	
132	No	26-Sep-2019	GISL	Chinook	CK1162	Random	0+	156	41	M	-	954	CK1162	Yes	6278	CK1162	
132	No	26-Sep-2019	GISL	Chinook	CK1163	Random	0+	260	209	M	-	955	CK1163	Yes	6279	CK1163	
132	No	26-Sep-2019	GISL	Chinook	CK1164	Random	0+	166	52	F	ADCWT	956	CK1164	Yes	6280	CK1164	
132	No	26-Sep-2019	GISL	Chinook	CK1165	Random	0+	189	80	M	-	957	CK1165	Yes	6281	CK1165	
132	No	26-Sep-2019	GISL	Chinook	CK1166	Random	0+	158	51	F	-	958	CK1166	Yes	6282	CK1166	
132	No	26-Sep-2019	GISL	Chinook	CK1167	Random	0+	179	68	F	-	959	CK1167	Yes	6283	CK1167	
132	No	26-Sep-2019	GISL	Chinook	CK1168	Random	0+	168	70	-	-	-	CK1168	-	6284	-	
132	No	26-Sep-2019	GISL	Chinook	CK1169	Random	0+	190	83	-	-	-	CK1169	-	6285	-	
132	No	26-Sep-2019	GISL	Chinook	CK1170	Random	0+	179	70	-	-	-	CK1170	-	6286	-	
132	No	26-Sep-2019	GISL	Chinook	CK1171	Random	0+	178	71	-	-	-	CK1171	-	6287	-	
132	No	26-Sep-2019	GISL	Chinook	CK1172	Random	0+	174	52	-	-	-	CK1172	-	6288	-	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
132	No	26-Sep-2019	GISL	Chinook	-	Random	0+	185	-	-	-	-	-	-	-	-	
132	No	26-Sep-2019	GISL	Chinook	-	Random	0+	184	-	-	-	-	-	-	-	-	
132	No	26-Sep-2019	GISL	Chinook	-	Random	0+	235	-	-	-	-	-	-	-	-	
132	No	26-Sep-2019	GISL	Chinook	-	Random	0+	180	-	-	-	-	-	-	-	-	
132	No	26-Sep-2019	GISL	Chinook	-	Random	0+	220	-	-	-	-	-	-	-	-	
132	No	26-Sep-2019	GISL	Chinook	-	Random	0+	188	-	-	-	-	-	-	-	-	
132	No	26-Sep-2019	GISL	Chinook	-	Random	0+	180	-	-	-	-	-	-	-	-	
132	No	26-Sep-2019	GISL	Chinook	-	Random	0+	184	-	-	-	-	-	-	-	-	
133	No	26-Sep-2019	GISL	Chinook	CK1173	Total	0+	197	83	F	ADCWT	960	CK1173	Yes	6289	CK1173	
133	No	26-Sep-2019	GISL	Chinook	CK1174	Total	0+	178	62	M	-	961	CK1174	Yes	6290	CK1174	
133	No	26-Sep-2019	GISL	Chinook	CK1175	Total	0+	182	69	M	-	962	CK1175	Yes	6291	CK1175	
133	No	26-Sep-2019	GISL	Chinook	CK1176	Total	0+	161	43	F	-	963	CK1176	Yes	6292	CK1176	
133	No	26-Sep-2019	GISL	Chinook	CK1177	Total	0+	168	50	M	-	964	CK1177	Yes	6293	CK1177	
133	No	26-Sep-2019	GISL	Chinook	CK1178	Total	0+	199	94	F	-	965	CK1178	Yes	6294	CK1178	
133	No	26-Sep-2019	GISL	Chinook	CK1179	Total	0+	167	49	M	-	966	CK1179	Yes	6295	CK1179	
134	No	26-Sep-2019	GISL	Chinook	CK1180	Total	1+	814	-	-	-	-	-	Yes	6296	CK1180	
134	No	26-Sep-2019	GISL	Chinook	CK1181	Random	0+	180	66	F	ADCWT	967	CK1181	-	6297	CK1181	
134	No	26-Sep-2019	GISL	Chinook	CK1182	Random	0+	195	85	M	-	968	CK1182	-	6298	CK1182	
134	No	26-Sep-2019	GISL	Chinook	CK1183	Random	0+	204	120	-	-	969	CK1183	-	6299	CK1183	
134	No	26-Sep-2019	GISL	Chinook	CK1184	Random	0+	225	145	-	-	970	CK1184	-	6300	CK1184	
134	No	26-Sep-2019	GISL	Chinook	CK1185	Random	0+	184	63	M	-	971	CK1185	-	6301	CK1185	
134	No	26-Sep-2019	GISL	Chinook	CK1186	Random	0+	296	373	M	AD	972	CK1186	Yes	6302	CK1186	
134	No	26-Sep-2019	GISL	Chinook	CK1187	Random	0+	187	73	M	-	973	CK1187	-	6303	CK1187	GC
134	No	26-Sep-2019	GISL	Chinook	CK1188	Random	0+	236	183	M	-	974	CK1188	-	6304	CK1188	
134	No	26-Sep-2019	GISL	Chinook	CK1189	Random	0+	193	78	M	-	975	CK1189	-	6305	CK1189	
134	No	26-Sep-2019	GISL	Chinook	CK1190	Random	0+	192	84	F	-	976	CK1190	-	6306	CK1190	
134	No	26-Sep-2019	GISL	Chinook	CK1191	Random	0+	236	158	F	-	977	CK1191	-	6307	CK1191	
134	No	26-Sep-2019	GISL	Chinook	CK1192	Random	0+	204	116	M	-	978	CK1192	-	6308	CK1192	
134	No	26-Sep-2019	GISL	Chinook	CK1193	Random	0+	179	64	M	-	979	CK1193	-	6309	CK1193	
134	No	26-Sep-2019	GISL	Chinook	CK1194	Random	0+	232	154	M	-	980	CK1194	-	6310	CK1194	
134	No	26-Sep-2019	GISL	Chinook	CK1195	Random	0+	217	115	M	-	981	CK1195	-	6311	CK1195	
134	No	26-Sep-2019	GISL	Chinook	CK1196	Random	0+	165	54	M	-	982	CK1196	-	6312	CK1196	
134	No	26-Sep-2019	GISL	Chinook	CK1197	Random	0+	202	87	F	-	983	CK1197	-	6313	CK1197	
134	No	26-Sep-2019	GISL	Chinook	CK1198	Random	0+	188	78	F	-	984	CK1198	-	6314	CK1198	
134	No	26-Sep-2019	GISL	Chinook	CK1199	Random	0+	167	54	M	-	985	CK1199	-	6315	CK1199	
134	No	26-Sep-2019	GISL	Chinook	CK1200	Random	0+	203	103	F	-	986	CK1200	-	6316	CK1200	
134	No	26-Sep-2019	GISL	Chinook	CK1201	Select ¹	1+	334	513	F	ADCWT	987	CK1201	Yes	6317	CK1201	
134	No	26-Sep-2019	GISL	Chinook	CK1202	Select ¹	0+	255	206	F	ADCWT	988	CK1202	-	6318	CK1202	
134	No	26-Sep-2019	GISL	Chinook	CK1203	Select ¹	0+	215	130	F	ADCWT	989	CK1203	-	6319	CK1203	

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134	No	26-Sep-2019	GISL	Chinook	CK1204	Select ¹	0+	185	75	M	ADCWT	990	CK1204	-	6320	CK1204	
134	No	26-Sep-2019	GISL	Chinook	CK1205	Select ¹	0+	193	88	M	ADCWT	991	CK1205	-	6321	CK1205	
134	No	26-Sep-2019	GISL	Chinook	CK1206	Select ¹	0+	165	53	-	ADCWT	992	-	-	6322	CK1206	
134	No	26-Sep-2019	GISL	Chinook	CK1207	Select ¹	0+	185	72	-	ADCWT	993	-	-	6323	CK1207	
134	No	26-Sep-2019	GISL	Chinook	CK1208	Select ¹	0+	190	75	-	ADCWT	994	-	-	6324	CK1208	
134	No	26-Sep-2019	GISL	Chinook	CK1209	Select ¹	0+	181	77	-	ADCWT	995	-	-	6325	CK1209	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	185	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	180	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	180	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	223	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	188	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	205	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	280	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	175	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	182	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	194	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	189	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	170	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	180	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	180	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	178	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	170	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	190	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	198	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	184	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	194	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	170	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	188	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	219	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	179	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	185	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	168	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	175	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	230	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	185	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	196	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	228	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	279	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chinook	-	Random	0+	210	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
135	No	26-Sep-2019	GISL	Chinook	CK1210	Total	0+	239	183	M	ADCWT	996	CK1210	Yes	6326	CK1210	
135	No	26-Sep-2019	GISL	Chinook	CK1211	Total	0+	246	179	F	ADCWT	997	CK1211	Yes	5601	CK1211	
135	No	26-Sep-2019	GISL	Chinook	CK1212	Total	0+	215	128	F	AD	998	CK1212	Yes	5602	CK1212	
135	No	26-Sep-2019	GISL	Chinook	CK1213	Total	0+	188	73	M	-	999	CK1213	Yes	5603	CK1213	
135	No	26-Sep-2019	GISL	Chinook	CK1214	Total	0+	190	80	F	-	1000	CK1214	Yes	5604	CK1214	
135	No	26-Sep-2019	GISL	Chinook	CK1215	Total	0+	208	110	M	-	1001	CK1215	Yes	5605	CK1215	
135	No	26-Sep-2019	GISL	Chinook	CK1216	Total	0+	237	185	M	-	1002	CK1216	Yes	5606	CK1216	LEP (female)
135	No	26-Sep-2019	GISL	Chinook	CK1217	Total	0+	253	210	M	-	1003	CK1217	Yes	5607	CK1217	
135	No	26-Sep-2019	GISL	Chinook	CK1218	Total	0+	224	154	M	-	1004	CK1218	Yes	5608	CK1218	
135	No	26-Sep-2019	GISL	Chinook	CK1219	Total	0+	224	148	M	-	1005	CK1219	Yes	5609	CK1219	
135	No	26-Sep-2019	GISL	Chinook	CK1220	Total	0+	286	326	M	AD	1006	CK1220	Yes	5610	CK1220	
135	No	26-Sep-2019	GISL	Chinook	CK1221	Total	0+	265	241	F	AD	1007	CK1221	Yes	5611	CK1221	CAL
135	No	26-Sep-2019	GISL	Chinook	CK1222	Total	0+	268	247	F	AD	1008	CK1222	Yes	5612	CK1222	
135	No	26-Sep-2019	GISL	Chinook	CK1223	Total	0+	297	348	M	AD	1009	CK1223	Yes	5613	CK1223	
135	No	26-Sep-2019	GISL	Chinook	CK1224	Total	0+	276	274	M	AD	1010	CK1224	Yes	5614	CK1224	
135	No	26-Sep-2019	GISL	Chinook	CK1225	Total	0+	249	206	F	-	1011	CK1225	Yes	5615	CK1225	
135	No	26-Sep-2019	GISL	Chinook	CK1226	Total	0+	216	104	M	-	1012	CK1226	Yes	5616	CK1226	
135	No	26-Sep-2019	GISL	Chinook	CK1227	Total	0+	261	241	M	-	1013	CK1227	Yes	5617	CK1227	
135	No	26-Sep-2019	GISL	Chinook	CK1228	Total	0+	205	101	M	-	1014	CK1228	Yes	5618	CK1228	
135	No	26-Sep-2019	GISL	Chinook	CK1229	Total	0+	188	77	M	-	1015	CK1229	Yes	5619	CK1229	
135	No	26-Sep-2019	GISL	Chinook	CK1230	Total	1+	362	631	F	-	1016	CK1230	Yes	5620	CK1230	
135	No	26-Sep-2019	GISL	Chinook	CK1231	Total	0+	352	510	F	AD	1017	CK1231	Yes	5621	CK1231	
135	No	26-Sep-2019	GISL	Chinook	CK1232	Total	0+	310	410	M	AD	1018	CK1232	Yes	5622	CK1232	
135	No	26-Sep-2019	GISL	Chinook	CK1233	Total	1+	364	649	F	AD	1019	CK1233	Yes	5623	CK1233	
135	No	26-Sep-2019	GISL	Chinook	CK1234	Total	0+	350	590	M	AD	1020	CK1234	Yes	5624	CK1234	
135	No	26-Sep-2019	GISL	Chinook	CK1235	Total	1+	419	952	M	AD	1021	CK1235	Yes	5625	CK1235	
135	No	26-Sep-2019	GISL	Chinook	CK1236	Total	1+	405	850	F	-	1022	CK1236	Yes	5626	CK1236	
135	No	26-Sep-2019	GISL	Chinook	CK1237	Total	1+	381	749	M	-	1023	CK1237	Yes	5627	CK1237	
135	No	26-Sep-2019	GISL	Chinook	CK1238	Total	0+	250	215	-	-	1024	CK1238	Yes	5628	CK1238	
135	No	26-Sep-2019	GISL	Chinook	CK1239	Total	0+	252	192	-	-	1025	CK1239	Yes	5629	CK1239	
135	No	26-Sep-2019	GISL	Chinook	CK1240	Total	0+	240	176	-	-	1026	CK1240	Yes	5630	CK1240	
135	No	26-Sep-2019	GISL	Chinook	CK1241	Total	0+	199	91	-	-	1027	CK1241	Yes	5631	CK1241	
135	No	26-Sep-2019	GISL	Chinook	CK1242	Total	0+	186	69	-	-	1028	CK1242	Yes	5632	CK1242	
135	No	26-Sep-2019	GISL	Chinook	CK1243	Total	0+	180	71	-	-	1029	CK1243	Yes	5633	CK1243	
135	No	26-Sep-2019	GISL	Chinook	CK1244	Total	0+	173	54	-	-	1030	CK1244	Yes	5634	CK1244	
135	No	26-Sep-2019	GISL	Chinook	CK1245	Total	0+	207	107	-	ADCWT	1031	CK1245	Yes	5635	CK1245	
135	No	26-Sep-2019	GISL	Chinook	CK1246	Total	0+	253	224	-	AD	1032	CK1246	Yes	5636	CK1246	
135	No	26-Sep-2019	GISL	Chinook	CK1247	Total	0+	271	266	-	AD	1033	CK1247	Yes	5637	CK1247	
135	No	26-Sep-2019	GISL	Chinook	CK1248	Total	0+	210	114	-	AD	1034	CK1248	Yes	5638	CK1248	
136	No	26-Sep-2019	GISL	Chinook	CK1249	Total	0+	194	74	M	-	1035	CK1249	Yes	5639	CK1249	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
136	No	26-Sep-2019	GISL	Chinook	CK1250	Total	0+	233	161	M	-	1036	CK1250	Yes	5640	CK1250	
136	No	26-Sep-2019	GISL	Chinook	CK1251	Total	0+	234	166	M	-	1037	CK1251	Yes	5641	CK1251	GC
136	No	26-Sep-2019	GISL	Chinook	CK1252	Total	0+	192	76	F	-	1038	CK1252	Yes	5642	CK1252	
136	No	26-Sep-2019	GISL	Chinook	CK1253	Total	0+	190	70	F	-	1039	CK1253	Yes	5643	CK1253	
136	No	26-Sep-2019	GISL	Chinook	CK1254	Total	0+	193	76	M	-	1040	CK1254	Yes	5644	CK1254	
136	No	26-Sep-2019	GISL	Chinook	CK1255	Total	0+	193	85	F	-	1041	CK1255	Yes	5645	CK1255	
136	No	26-Sep-2019	GISL	Chinook	CK1256	Total	0+	216	120	M	AD	1042	CK1256	Yes	5646	CK1256	
136	No	26-Sep-2019	GISL	Chinook	CK1257	Total	0+	193	79	F	-	1043	CK1257	Yes	5647	CK1257	
136	No	26-Sep-2019	GISL	Chinook	CK1258	Total	0+	193	82	F	-	1044	CK1258	Yes	5648	CK1258	
136	No	26-Sep-2019	GISL	Chinook	CK1259	Total	0+	190	79	-	-	-	CK1259	Yes	5649	-	
136	No	26-Sep-2019	GISL	Chinook	CK1260	Total	0+	184	72	-	-	-	CK1260	Yes	5650	-	
136	No	26-Sep-2019	GISL	Chinook	CK1261	Total	0+	197	95	-	-	-	CK1261	Yes	5651	-	
136	No	26-Sep-2019	GISL	Chinook	CK1262	Total	0+	193	87	-	-	-	CK1262	Yes	5652	-	
136	No	26-Sep-2019	GISL	Chinook	CK1263	Total	0+	181	65	-	-	-	CK1263	Yes	5653	-	
136	No	26-Sep-2019	GISL	Chinook	CK1264	Total	0+	173	60	-	ADCWT	-	CK1264	Yes	5654	-	
136	No	26-Sep-2019	GISL	Chinook	CK1265	Total	0+	181	67	-	-	-	CK1265	Yes	5655	-	
136	No	26-Sep-2019	GISL	Chinook	CK1266	Total	0+	178	60	-	-	-	CK1266	Yes	5656	-	
136	No	26-Sep-2019	GISL	Chinook	CK1267	Total	0+	184	69	-	-	-	CK1267	Yes	5657	-	
136	No	26-Sep-2019	GISL	Chinook	CK1268	Total	0+	181	68	-	-	-	CK1268	Yes	5658	-	
136	No	26-Sep-2019	GISL	Chinook	CK1269	Total	0+	197	87	-	-	-	-	-	5659	-	
136	No	26-Sep-2019	GISL	Chinook	CK1270	Total	0+	192	89	-	-	-	-	-	5660	-	
136	No	26-Sep-2019	GISL	Chinook	CK1271	Total	1+	374	676	F	AD	1045	CK1271	Yes	5661	CK1271	
136	No	26-Sep-2019	GISL	Chinook	CK1272	Total	1+	355	529	F	AD	1046	CK1272	Yes	5662	CK1272	
136	No	26-Sep-2019	GISL	Chinook	CK1273	Total	1+	391	847	M	-	1047	CK1273	Yes	5663	CK1273	LEP (3 gravid)
137	Yes	27-Sep-2019	SOG	Chinook	CK1274	Random	0+	193	-	F	ADCWT	1048	CK1274	-	5664	CK1274	
137	Yes	27-Sep-2019	SOG	Chinook	CK1275	Random	0+	256	-	M	-	1049	CK1275	-	5665	CK1275	
137	Yes	27-Sep-2019	SOG	Chinook	CK1276	Random	0+	167	-	F	-	1050	CK1276	-	5666	CK1276	
137	Yes	27-Sep-2019	SOG	Chinook	CK1277	Random	0+	164	-	M	-	1051	CK1277	-	5667	CK1277	
137	Yes	27-Sep-2019	SOG	Chinook	CK1278	Random	0+	168	-	M	-	1052	CK1278	-	5668	CK1278	
137	Yes	27-Sep-2019	SOG	Chinook	CK1279	Random	0+	225	136	F	-	1053	CK1279	-	5669	CK1279	GC
137	Yes	27-Sep-2019	SOG	Chinook	CK1280	Random	0+	171	61	F	-	1054	CK1280	-	5670	CK1280	
137	Yes	27-Sep-2019	SOG	Chinook	CK1281	Random	0+	170	58	M	-	1055	CK1281	-	5671	CK1281	
137	Yes	27-Sep-2019	SOG	Chinook	CK1282	Random	0+	190	-	M	-	1056	CK1282	-	5672	CK1282	
137	Yes	27-Sep-2019	SOG	Chinook	CK1283	Random	0+	245	174	-	-	1057	CK1283	-	5673	CK1283	GC
137	Yes	27-Sep-2019	SOG	Chinook	CK1284	Random	0+	249	-	-	-	-	CK1284	-	5674	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1285	Random	0+	230	-	-	-	-	CK1285	-	5675	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1286	Random	0+	174	-	-	-	-	CK1286	-	5676	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1287	Random	0+	173	-	-	-	-	CK1287	-	5677	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1288	Random	0+	151	-	-	-	-	CK1288	-	5678	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1289	Random	0+	236	-	-	-	-	CK1289	-	5679	-	BM (8 cm)

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
137	Yes	27-Sep-2019	SOG	Chinook	CK1290	Random	0+	178	-	-	-	-	CK1290	-	5680	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1291	Random	0+	154	-	-	-	-	CK1291	-	5681	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1292	Random	0+	152	-	-	-	-	CK1292	-	5682	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1293	Random	0+	163	-	-	-	-	CK1293	-	5683	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1294	Random	0+	182	-	-	ADCWT	-	CK1294	-	5684	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1295	Random	0+	250	201	-	-	-	-	-	5685	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1296	Random	0+	236	177	-	-	-	-	-	5686	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1297	Random	0+	190	98	-	-	-	-	-	5687	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1298	Random	0+	163	57	-	-	-	-	-	5688	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1299	Random	0+	178	68	-	-	-	-	-	5689	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1300	Random	0+	201	104	-	-	-	-	-	5690	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1301	Random	0+	152	49	-	-	-	-	-	5691	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1302	Random	0+	180	79	-	-	-	-	-	5692	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1303	Random	0+	205	100	-	AD	-	-	-	5693	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1304	Random	0+	185	-	-	-	-	CK1304	-	5694	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1305	Random	0+	169	-	-	-	-	CK1305	-	5695	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1306	Random	0+	155	-	-	-	-	CK1306	-	5696	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1307	Random	0+	157	-	-	-	-	CK1307	-	5697	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1308	Random	0+	176	-	-	-	-	CK1308	-	5698	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1309	Random	0+	161	-	-	-	-	CK1309	-	5699	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1310	Random	0+	162	-	-	-	-	CK1310	-	5700	-	CAL
137	Yes	27-Sep-2019	SOG	Chinook	CK1311	Random	0+	191	-	-	-	-	CK1311	-	6328	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1312	Random	0+	163	-	-	-	-	CK1312	-	6329	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1313	Random	0+	204	-	-	AD	-	CK1313	-	6330	-	
137	Yes	27-Sep-2019	SOG	Chinook	CK1314	Select ¹	0+	198	98	M	ADCWT	1058	CK1314	-	6331	CK1314	
137	Yes	27-Sep-2019	SOG	Chinook	CK/CO991196	Total	0+	205	97	F	-	1136	-	-	6327	-	BM (6 cm)
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	172	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	188	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	158	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	162	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	135	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	150	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	155	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	135	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	151	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	166	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	229	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	172	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	216	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	232	-	-	-	-	-	-	-	-	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	152	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	198	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	196	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	170	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	149	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	148	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	165	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	155	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	162	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	170	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	238	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	247	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	174	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	152	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	157	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	152	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	156	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	156	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	157	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	160	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	242	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	166	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	183	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	165	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	168	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	162	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	166	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	178	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	132	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	227	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	152	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	196	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	176	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	162	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	142	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	144	-	-	-	-	-	-	-	-	
138	Yes	27-Sep-2019	SOG	Chinook	CK1315	Random	0+	210	-	M	ADCWT	1059	CK1315	-	6332	CK1315	
138	Yes	27-Sep-2019	SOG	Chinook	CK1316	Random	0+	164	-	F	-	1060	CK1316	-	6333	CK1316	
138	Yes	27-Sep-2019	SOG	Chinook	CK1317	Random	0+	163	-	M	-	1061	CK1317	-	6334	CK1317	
138	Yes	27-Sep-2019	SOG	Chinook	CK1318	Random	0+	201	-	F	-	1062	CK1318	-	6335	CK1318	CAL

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
138	Yes	27-Sep-2019	SOG	Chinook	CK1319	Random	0+	163	-	M	-	1063	CK1319	-	6336	CK1319	
138	Yes	27-Sep-2019	SOG	Chinook	CK1320	Random	0+	226	-	F	-	1064	CK1320	-	6337	CK1320	CAL
138	Yes	27-Sep-2019	SOG	Chinook	CK1321	Random	0+	175	-	F	-	1065	CK1321	-	6338	CK1321	
138	Yes	27-Sep-2019	SOG	Chinook	CK1322	Random	0+	153	-	M	-	1066	CK1322	-	6339	CK1322	
138	Yes	27-Sep-2019	SOG	Chinook	CK1323	Random	0+	165	-	M	-	1067	CK1323	-	6340	CK1323	GC
138	Yes	27-Sep-2019	SOG	Chinook	CK1324	Random	0+	164	-	M	-	1068	CK1324	-	6341	CK1324	
138	Yes	27-Sep-2019	SOG	Chinook	CK1325	Random	0+	165	54	-	-	-	-	-	6342	-	
138	Yes	27-Sep-2019	SOG	Chinook	CK1326	Random	0+	170	59	-	-	-	CK1326	-	6343	-	
138	Yes	27-Sep-2019	SOG	Chinook	CK1327	Random	0+	194	84	-	-	-	CK1327	-	6344	-	
138	Yes	27-Sep-2019	SOG	Chinook	CK1328	Random	0+	174	62	-	-	-	CK1328	-	6345	-	
138	Yes	27-Sep-2019	SOG	Chinook	CK1329	Random	0+	164	48	-	-	-	CK1329	-	6346	-	
138	Yes	27-Sep-2019	SOG	Chinook	CK1330	Random	0+	141	33	-	-	-	CK1330	-	6347	-	
138	Yes	27-Sep-2019	SOG	Chinook	CK1331	Random	0+	163	52	-	-	-	CK1331	-	6348	-	
138	Yes	27-Sep-2019	SOG	Chinook	CK1332	Random	0+	162	50	-	-	-	CK1332	-	6349	-	
138	Yes	27-Sep-2019	SOG	Chinook	CK1333	Random	0+	166	57	-	-	-	CK1333	-	6350	-	
138	Yes	27-Sep-2019	SOG	Chinook	CK1334	Random	0+	161	53	-	-	-	CK1334	-	6351	-	
138	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	160	-	-	-	-	-	-	-	-	
138	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	154	-	-	-	-	-	-	-	-	
138	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	156	-	-	-	-	-	-	-	-	
138	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	152	-	-	-	-	-	-	-	-	
138	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	145	-	-	-	-	-	-	-	-	
138	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	142	-	-	-	-	-	-	-	-	
138	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	172	-	-	-	-	-	-	-	-	
138	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	153	-	-	-	-	-	-	-	-	
138	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	142	-	-	-	-	-	-	-	-	
138	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	165	-	-	-	-	-	-	-	-	
138	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	182	-	-	-	-	-	-	-	-	
138	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	174	-	-	-	-	-	-	-	-	
138	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	166	-	-	-	-	-	-	-	-	
138	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	155	-	-	-	-	-	-	-	-	
138	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	180	-	-	-	-	-	-	-	-	
138	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	176	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chinook	CK1335	Random	0+	175	64	M	-	1069	CK1335	Yes	6352	CK1335	
139	Yes	27-Sep-2019	SOG	Chinook	CK1336	Random	0+	182	69	F	-	1070	CK1336	Yes	6353	CK1336	
139	Yes	27-Sep-2019	SOG	Chinook	CK1337	Random	0+	228	140	M	-	1071	CK1337	-	6354	CK1337	
139	Yes	27-Sep-2019	SOG	Chinook	CK1338	Random	0+	280	151	M	-	1072	CK1338	Yes	6355	CK1338	GC
139	Yes	27-Sep-2019	SOG	Chinook	CK1339	Random	0+	165	54	M	-	1073	CK1339	-	6356	CK1339	
139	Yes	27-Sep-2019	SOG	Chinook	CK1340	Random	0+	197	83	M	-	1074	CK1340	-	6357	CK1340	
139	Yes	27-Sep-2019	SOG	Chinook	CK1341	Random	0+	229	164	-	-	1075	CK1341	-	6358	CK1341	
139	Yes	27-Sep-2019	SOG	Chinook	CK1342	Random	0+	135	25	M	-	1076	CK1342	-	6359	CK1342	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
139	Yes	27-Sep-2019	SOG	Chinook	CK1343	Random	0+	152	40	M	-	1077	CK1343	-	6360	CK1343	
139	Yes	27-Sep-2019	SOG	Chinook	CK1344	Random	0+	105	9	M	-	1078	CK1344	-	6361	CK1344	
139	Yes	27-Sep-2019	SOG	Chinook	CK1345	Random	0+	165	-	-	-	-	CK1345	-	6362	-	
139	Yes	27-Sep-2019	SOG	Chinook	CK1346	Random	0+	173	-	-	-	-	CK1346	-	6363	-	
139	Yes	27-Sep-2019	SOG	Chinook	CK1347	Random	0+	133	-	-	-	-	CK1347	-	6364	-	
139	Yes	27-Sep-2019	SOG	Chinook	CK1348	Random	0+	177	-	-	-	-	CK1348	-	6365	-	
139	Yes	27-Sep-2019	SOG	Chinook	CK1349	Random	0+	161	-	-	-	-	CK1349	-	6366	-	
139	Yes	27-Sep-2019	SOG	Chinook	CK1350	Random	0+	171	-	-	-	-	CK1350	-	6367	-	
139	Yes	27-Sep-2019	SOG	Chinook	CK1351	Random	0+	167	-	-	-	-	CK1351	-	6368	-	
139	Yes	27-Sep-2019	SOG	Chinook	CK1352	Random	0+	184	-	-	-	-	CK1352	-	6369	-	
139	Yes	27-Sep-2019	SOG	Chinook	CK1353	Random	0+	138	-	-	-	-	CK1353	-	6370	-	
139	Yes	27-Sep-2019	SOG	Chinook	CK1354	Random	0+	185	-	-	-	-	CK1354	-	6371	-	
139	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	168	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	166	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	165	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	152	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	168	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	152	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	160	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	170	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	140	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	164	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	158	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	155	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	173	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	150	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	166	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	172	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	170	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	168	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	158	-	-	-	-	-	-	-	-	LW (LV2, 1.0 cm)
140	Yes	27-Sep-2019	SOG	Chinook	CK1355	Random	0+	200	92	M	-	1079	CK1355	Yes	6372	CK1355	
140	Yes	27-Sep-2019	SOG	Chinook	CK1356	Random	0+	159	45	F	-	1080	CK1356	Yes	6373	CK1356	
140	Yes	27-Sep-2019	SOG	Chinook	CK1357	Random	0+	162	46	F	-	1081	CK1357	Yes	6374	CK1357	
140	Yes	27-Sep-2019	SOG	Chinook	CK1358	Random	0+	162	47	F	-	1082	CK1358	-	6375	CK1358	
140	Yes	27-Sep-2019	SOG	Chinook	CK1359	Random	0+	151	38	F	-	1083	CK1359	-	6376	CK1359	
140	Yes	27-Sep-2019	SOG	Chinook	CK1360	Random	0+	237	167	F	-	1084	CK1360	Yes	6377	CK1360	
140	Yes	27-Sep-2019	SOG	Chinook	CK1361	Random	0+	172	59	F	-	1085	CK1361	Yes	6378	CK1361	
140	Yes	27-Sep-2019	SOG	Chinook	CK1362	Random	0+	166	52	M	-	1086	CK1362	Yes	6379	CK1362	
140	Yes	27-Sep-2019	SOG	Chinook	CK1363	Random	0+	173	59	M	-	1087	CK1363	Yes	6380	CK1363	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
140	Yes	27-Sep-2019	SOG	Chinook	CK1364	Random	0+	154	45	M	-	1088	CK1364	Yes	6381	CK1364	
140	Yes	27-Sep-2019	SOG	Chinook	CK1365	Random	0+	180	74	F	-	1089	-	-	6382	CK1365	
140	Yes	27-Sep-2019	SOG	Chinook	CK1366	Random	0+	142	28	M	-	1090	-	-	6383	CK1366	CAL
140	Yes	27-Sep-2019	SOG	Chinook	CK1367	Random	0+	155	43	M	-	1091	-	-	6384	CK1367	
140	Yes	27-Sep-2019	SOG	Chinook	CK1368	Random	0+	160	51	M	-	1092	CK1368	-	6385	CK1368	
140	Yes	27-Sep-2019	SOG	Chinook	CK1369	Random	0+	176	64	F	-	1093	-	-	6386	CK1369	CAL
140	Yes	27-Sep-2019	SOG	Chinook	CK1370	Random	0+	158	48	F	-	1094	-	-	6387	CK1370	
140	Yes	27-Sep-2019	SOG	Chinook	CK1371	Random	0+	170	57	M	-	1095	-	-	6388	CK1371	
140	Yes	27-Sep-2019	SOG	Chinook	CK1372	Random	0+	175	64	F	-	1096	-	-	6389	CK1372	
140	Yes	27-Sep-2019	SOG	Chinook	CK1373	Random	0+	144	32	F	-	1097	-	-	6390	CK1373	
140	Yes	27-Sep-2019	SOG	Chinook	CK1374	Random	0+	171	54	F	-	1098	CK1374	-	6391	CK1374	
140	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	156	-	-	-	-	-	-	-	-	
140	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	155	-	-	-	-	-	-	-	-	
140	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	172	-	-	-	-	-	-	-	-	
140	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	164	-	-	-	-	-	-	-	-	
140	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	163	-	-	-	-	-	-	-	-	
140	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	160	-	-	-	-	-	-	-	-	
140	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	156	-	-	-	-	-	-	-	-	
140	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	148	-	-	-	-	-	-	-	-	
140	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	153	-	-	-	-	-	-	-	-	
140	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	174	-	-	-	-	-	-	-	-	
140	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	180	-	-	-	-	-	-	-	-	
140	Yes	27-Sep-2019	SOG	Chinook	-	Random	0+	175	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chinook	CK1375	Random	0+	186	86	M	ADCWT	1099	CK1375	Yes	6392	CK1375	
141	No	27-Sep-2019	HOWE	Chinook	CK1376	Random	0+	146	35	M	-	1100	CK1376	-	6393	CK1376	
141	No	27-Sep-2019	HOWE	Chinook	CK1377	Random	0+	174	65	M	-	1101	CK1377	-	6394	CK1377	
141	No	27-Sep-2019	HOWE	Chinook	CK1378	Random	0+	165	62	M	-	1102	CK1378	Yes	6395	CK1378	
141	No	27-Sep-2019	HOWE	Chinook	CK1379	Random	0+	162	51	M	-	1103	CK1379	Yes	6396	CK1379	
141	No	27-Sep-2019	HOWE	Chinook	CK1380	Random	0+	165	53	F	-	1104	CK1380	Yes	6397	CK1380	
141	No	27-Sep-2019	HOWE	Chinook	CK1381	Random	0+	161	50	M	-	1105	CK1381	Yes	6398	CK1381	
141	No	27-Sep-2019	HOWE	Chinook	CK1382	Random	0+	158	47	M	-	1106	CK1382	Yes	6399	CK1382	
141	No	27-Sep-2019	HOWE	Chinook	CK1383	Random	0+	134	26	M	-	1107	CK1383	-	6400	CK1383	
141	No	27-Sep-2019	HOWE	Chinook	CK1384	Random	0+	124	16	F	-	1108	CK1384	-	6401	CK1384	CAL (2); Skinny
141	No	27-Sep-2019	HOWE	Chinook	CK1385	Random	0+	174	60	-	-	-	CK1385	-	6402	-	
141	No	27-Sep-2019	HOWE	Chinook	CK1386	Random	0+	152	40	-	-	-	CK1386	-	6403	-	
141	No	27-Sep-2019	HOWE	Chinook	CK1387	Random	0+	158	47	-	-	-	CK1387	-	6404	-	LW (LD2, 0.5 cm)
141	No	27-Sep-2019	HOWE	Chinook	CK1388	Random	0+	122	19	-	-	-	CK1388	-	6405	-	CAL
141	No	27-Sep-2019	HOWE	Chinook	CK1389	Random	0+	110	18	-	-	-	CK1389	-	6406	-	DEF (caudal peduncle)
141	No	27-Sep-2019	HOWE	Chinook	CK1390	Random	0+	150	41	-	-	-	CK1390	-	6407	-	
141	No	27-Sep-2019	HOWE	Chinook	CK1391	Random	0+	144	36	-	-	-	CK1391	-	6408	-	

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141	No	27-Sep-2019	HOWE	Chinook	CK1392	Random	0+	142	33	-	-	-	CK1392	-	6409	-	
141	No	27-Sep-2019	HOWE	Chinook	CK1393	Random	0+	173	64	-	-	-	CK1393	-	6410	-	LW (L3, 1.0 cm)
141	No	27-Sep-2019	HOWE	Chinook	CK1394	Random	0+	165	51	-	-	-	CK1394	-	6411	-	
141	No	27-Sep-2019	HOWE	Chinook	CK1395	Select ³	0+	246	195	-	-	1109	CK1395	-	6412	CK1395	
141	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	158	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	139	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	144	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	159	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	156	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	159	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	148	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	170	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	153	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	157	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	160	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	165	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	143	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	149	-	-	-	-	-	-	-	-	
142	No	27-Sep-2019	HOWE	Chinook	CK1396	Total	0+	178	70	M	-	1110	CK1396	-	6413	CK1396	
142	No	27-Sep-2019	HOWE	Chinook	CK1397	Total	0+	164	50	M	-	1111	CK1397	-	6414	CK1397	
142	No	27-Sep-2019	HOWE	Chinook	CK1398	Total	0+	161	50	F	-	1112	CK1398	-	6415	CK1398	
142	No	27-Sep-2019	HOWE	Chinook	CK1399	Total	0+	175	60	F	-	1113	CK1399	-	6416	CK1399	
142	No	27-Sep-2019	HOWE	Chinook	CK1400	Total	0+	157	50	M	-	1114	CK1400	-	6417	CK1400	LW (R1, 1.0 cm)
142	No	27-Sep-2019	HOWE	Chinook	CK1401	Total	0+	149	37	M	-	1115	CK1401	-	6418	CK1401	
142	No	27-Sep-2019	HOWE	Chinook	CK1402	Total	0+	165	50	F	-	1116	CK1402	-	6419	CK1402	
142	No	27-Sep-2019	HOWE	Chinook	CK1403	Total	0+	142	34	M	-	1117	CK1403	-	6420	CK1403	
142	No	27-Sep-2019	HOWE	Chinook	CK1404	Total	0+	170	56	-	-	-	CK1404	-	6421	-	
142	No	27-Sep-2019	HOWE	Chinook	CK1405	Total	0+	187	81	-	-	-	CK1405	-	6422	-	
142	No	27-Sep-2019	HOWE	Chinook	CK1406	Total	0+	161	49	-	-	-	CK1406	-	6423	-	
142	No	27-Sep-2019	HOWE	Chinook	CK1407	Total	0+	181	73	-	-	-	CK1407	-	6424	-	
142	No	27-Sep-2019	HOWE	Chinook	CK1408	Total	0+	149	41	-	-	-	CK1408	-	6425	-	
143	No	27-Sep-2019	HOWE	Chinook	CK1409	Random	0+	162	51	M	-	1118	CK1409	Yes	6426	CK1409	
143	No	27-Sep-2019	HOWE	Chinook	CK1410	Random	0+	148	37	F	-	1119	CK1410	Yes	6427	CK1410	
143	No	27-Sep-2019	HOWE	Chinook	CK1411	Random	0+	165	56	F	-	1120	CK1411	Yes	6000	CK1411	
143	No	27-Sep-2019	HOWE	Chinook	CK1412	Random	0+	218	125	F	-	1121	CK1412	Yes	6001	CK1412	
143	No	27-Sep-2019	HOWE	Chinook	CK1413	Random	0+	150	37	F	-	1122	CK1413	-	6002	CK1413	
143	No	27-Sep-2019	HOWE	Chinook	CK1414	Random	0+	148	38	M	-	1123	CK1414	-	6003	CK1414	
143	No	27-Sep-2019	HOWE	Chinook	CK1415	Random	0+	136	31	M	-	1124	CK1415	-	6004	CK1415	CAL
143	No	27-Sep-2019	HOWE	Chinook	CK1416	Random	0+	168	59	F	-	1125	CK1416	-	6005	CK1416	
143	No	27-Sep-2019	HOWE	Chinook	CK1417	Random	0+	148	36	M	-	1126	CK1417	-	6006	CK1417	CAL

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
143	No	27-Sep-2019	HOWE	Chinook	CK1418	Random	0+	154	42	F	-	1127	CK1418	-	6007	CK1418	
143	No	27-Sep-2019	HOWE	Chinook	CK1419	Select ³	0+	273	263	M	-	1128	CK1419	-	6008	CK1419	
143	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	148	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	126	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	153	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	146	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	136	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	146	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	147	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Chinook	-	Random	0+	170	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	CK1420	Random	0+	210	120	F	CWT	1129	CK1420	-	6009	CK1420	
144	Yes	28-Sep-2019	SOG	Chinook	CK1421	Random	0+	228	144	F	ADCWT	1130	CK1421	-	6010	CK1421	
144	Yes	28-Sep-2019	SOG	Chinook	CK1422	Random	0+	184	76	M	-	1131	CK1422	-	6011	CK1422	
144	Yes	28-Sep-2019	SOG	Chinook	CK1423	Random	0+	153	38	M	-	1132	CK1423	-	6012	CK1423	
144	Yes	28-Sep-2019	SOG	Chinook	CK1424	Random	0+	175	60	F	-	1133	CK1424	-	6013	CK1424	
144	Yes	28-Sep-2019	SOG	Chinook	CK1425	Random	0+	248	174	M	-	1134	CK1425	-	6014	CK1425	CAL
144	Yes	28-Sep-2019	SOG	Chinook	CK1426	Random	0+	149	36	F	-	1135	CK1426	-	6015	CK1426	
144	Yes	28-Sep-2019	SOG	Chinook	CK1427	Random	0+	170	46	M	-	1136	CK1427	-	6016	CK1427	
144	Yes	28-Sep-2019	SOG	Chinook	CK1428	Random	0+	162	45	M	-	1137	CK1428	-	6017	CK1428	LW (1 cm, healed)
144	Yes	28-Sep-2019	SOG	Chinook	CK1429	Random	0+	150	36	M	-	1138	CK1429	-	6018	CK1429	
144	Yes	28-Sep-2019	SOG	Chinook	CK1430	Random	0+	191	87	-	AD	1139	-	-	6019	CK1430	
144	Yes	28-Sep-2019	SOG	Chinook	CK1431	Random	0+	148	38	-	-	1140	-	-	6020	CK1431	
144	Yes	28-Sep-2019	SOG	Chinook	CK1432	Random	0+	158	45	-	-	1141	-	-	6021	CK1432	
144	Yes	28-Sep-2019	SOG	Chinook	CK1433	Random	0+	184	72	-	-	1142	-	-	6022	CK1433	
144	Yes	28-Sep-2019	SOG	Chinook	CK1434	Random	0+	172	61	-	-	1143	-	-	6023	CK1434	
144	Yes	28-Sep-2019	SOG	Chinook	CK1435	Random	0+	143	33	-	-	1144	-	-	6024	CK1435	
144	Yes	28-Sep-2019	SOG	Chinook	CK1436	Random	0+	168	51	-	-	1145	-	-	6025	CK1436	
144	Yes	28-Sep-2019	SOG	Chinook	CK1437	Random	0+	172	63	-	-	1146	-	-	6026	CK1437	
144	Yes	28-Sep-2019	SOG	Chinook	CK1438	Random	0+	156	45	-	-	1147	-	-	6027	CK1438	
144	Yes	28-Sep-2019	SOG	Chinook	CK1439	Random	0+	144	33	-	-	1148	-	-	6028	CK1439	
144	Yes	28-Sep-2019	SOG	Chinook	CK5011	Random	0+	142	-	F	-	5270	CK5011	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	CK5012	Random	0+	168	-	F	-	5271	CK5012	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	CK5013	Random	0+	146	-	M	-	5272	CK5013	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	CK5014	Random	0+	153	-	M	-	5273	CK5014	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	CK5015	Random	0+	158	-	M	-	5274	CK5015	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	CK5016	Random	0+	152	-	F	-	5275	CK5016	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	CK5017	Random	0+	153	-	F	-	5276	CK5017	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	CK5018	Random	0+	160	-	F	-	5277	CK5018	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	CK5019	Random	0+	139	-	M	-	5278	CK5019	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	CK5020	Random	0+	155	-	F	-	5279	CK5020	Yes	-	-	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	158	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	135	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	150	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	116	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	135	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	148	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	164	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	162	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	164	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	146	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	172	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	175	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	169	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	162	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	175	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	146	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	152	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	182	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	161	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	136	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	168	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	122	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	164	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	160	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	175	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	130	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	170	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	152	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chinook	-	Random	0+	182	-	-	-	-	-	-	-	-	
145	Yes	28-Sep-2019	SOG	Chinook	CK1440	Total	0+	190	76	F	-	1149	CK1440	-	6029	CK1440	
1	Yes	10-Sep-2019	SOG	Coho	CO0001	Total	1+	630	3754	M	-	1	CO0001	Yes	7301	CO0001	LEP (female)
1	Yes	10-Sep-2019	SOG	Coho	CO0002	Total	0+	300	317	MJ	ADCWT	2	CO0002	Yes	7302	CO0002	
1	Yes	10-Sep-2019	SOG	Coho	CO0003	Total	0+	294	293	F	AD	3	CO0003	Yes	7303	CO0003	
1	Yes	10-Sep-2019	SOG	Coho	CO0004	Total	0+	266	210	M	AD	4	CO0004	Yes	7304	CO0004	
1	Yes	10-Sep-2019	SOG	Coho	CO0005	Total	0+	245	188	M	AD	5	CO0005	Yes	7305	CO0005	
1	Yes	10-Sep-2019	SOG	Coho	CO0006	Total	0+	255	193	F	AD	6	CO0006	Yes	7306	CO0006	LEP (male)
1	Yes	10-Sep-2019	SOG	Coho	CO0007	Total	0+	261	231	M	AD	7	CO0007	-	7307	CO0007	
1	Yes	10-Sep-2019	SOG	Coho	CO0008	Total	0+	254	196	F	AD	8	CO0008	-	7308	CO0008	
1	Yes	10-Sep-2019	SOG	Coho	CO0009	Total	0+	259	215	M	AD	9	CO0009	-	7309	CO0009	
1	Yes	10-Sep-2019	SOG	Coho	CO0010	Total	0+	242	176	F	AD	10	CO0010	-	7310	CO0010	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
1	Yes	10-Sep-2019	SOG	Coho	CO0011	Total	0+	264	232	M	AD	11	CO0011	-	7311	CO0011	
1	Yes	10-Sep-2019	SOG	Coho	CO0012	Total	0+	268	253	F	-	12	CO0012	Yes	7312	CO0012	
1	Yes	10-Sep-2019	SOG	Coho	CO0013	Total	0+	269	227	M	-	13	CO0013	Yes	7313	CO0013	
1	Yes	10-Sep-2019	SOG	Coho	CO0014	Total	0+	301	370	MJ	-	14	CO0014	Yes	7314	CO0014	VF
1	Yes	10-Sep-2019	SOG	Coho	CO0015	Total	0+	274	254	M	-	15	CO0015	Yes	7315	CO0015	
1	Yes	10-Sep-2019	SOG	Coho	CO0016	Total	0+	247	192	F	-	16	CO0016	-	7316	CO0016	LEP (female)
1	Yes	10-Sep-2019	SOG	Coho	CO0017	Total	0+	230	136	M	-	17	CO0017	-	7317	CO0017	
3	Yes	10-Sep-2019	SOG	Coho	CO0018	Total	0+	226	134	M	-	18	CO0018	Yes	7318	CO0018	
3	Yes	10-Sep-2019	SOG	Coho	CO0019	Total	0+	225	142	F	-	19	CO0019	Yes	7319	CO0019	
3	Yes	10-Sep-2019	SOG	Coho	CO0020	Total	0+	255	189	M	-	20	CO0020	Yes	7320	CO0020	
3	Yes	10-Sep-2019	SOG	Coho	CO0021	Total	0+	234	147	F	-	21	CO0021	Yes	7321	CO0021	
3	Yes	10-Sep-2019	SOG	Coho	CO0022	Total	0+	235	171	F	-	22	CO0022	Yes	7322	CO0022	
3	Yes	10-Sep-2019	SOG	Coho	CO0023	Total	0+	254	185	M	AD	23	CO0023	Yes	7323	CO0023	BM (caudal, 2 cm)
3	Yes	10-Sep-2019	SOG	Coho	CO0024	Total	0+	218	123	F	AD	24	CO0024	Yes	7324	CO0024	
3	Yes	10-Sep-2019	SOG	Coho	CO0025	Total	0+	247	169	M	AD	25	CO0025	Yes	7325	CO0025	
4	Yes	10-Sep-2019	SOG	Coho	CO0026	Random	1+	570	2560	M	-	26	CO0026	Yes	7326	CO0026	
4	Yes	10-Sep-2019	SOG	Coho	CO0027	Random	1+	520	2008	F	-	27	CO0027	Yes	7327	CO0027	
4	Yes	10-Sep-2019	SOG	Coho	CO0028	Random	0+	260	232	F	-	28	CO0028	Yes	7328	CO0028	
4	Yes	10-Sep-2019	SOG	Coho	CO0029	Random	0+	297	379	MJ	-	29	CO0029	-	7329	CO0029	
4	Yes	10-Sep-2019	SOG	Coho	CO0030	Random	0+	241	217	M	-	30	CO0030	-	7330	CO0030	
4	Yes	10-Sep-2019	SOG	Coho	CO0031	Random	0+	240	186	M	-	31	CO0031	-	7331	CO0031	LEP (female, 2))
4	Yes	10-Sep-2019	SOG	Coho	CO0032	Random	0+	227	174	F	-	32	CO0032	-	7332	CO0032	
4	Yes	10-Sep-2019	SOG	Coho	CO0033	Random	0+	247	188	M	AD	33	CO0033	-	7333	CO0033	
4	Yes	10-Sep-2019	SOG	Coho	CO0034	Random	0+	232	164	M	-	34	CO0034	-	7334	CO0034	
4	Yes	10-Sep-2019	SOG	Coho	CO0035	Random	0+	233	179	M	-	35	CO0035	-	7335	CO0035	
4	Yes	10-Sep-2019	SOG	Coho	CO0036	Random	0+	240	208	M	AD	36	CO0036	-	7336	CO0036	
4	Yes	10-Sep-2019	SOG	Coho	CO0037	Random	0+	255	175	M	-	37	CO0037	-	7337	CO0037	
4	Yes	10-Sep-2019	SOG	Coho	CO0038	Random	0+	247	206	M	-	38	CO0038	-	7338	CO0038	
4	Yes	10-Sep-2019	SOG	Coho	CO0039	Random	0+	225	174	M	-	39	CO0039	-	7339	CO0039	
4	Yes	10-Sep-2019	SOG	Coho	CO0040	Random	0+	250	194	F	-	40	CO0040	-	7340	CO0040	
4	Yes	10-Sep-2019	SOG	Coho	CO0041	Random	0+	226	151	M	-	41	CO0041	-	7341	CO0041	
4	Yes	10-Sep-2019	SOG	Coho	CO0042	Random	0+	235	194	M	-	42	CO0042	-	7342	CO0042	BM (5 cm)
4	Yes	10-Sep-2019	SOG	Coho	CO0043	Random	0+	268	246	M	AD	43	CO0043	-	7343	CO0043	
4	Yes	10-Sep-2019	SOG	Coho	CO0044	Random	0+	253	232	M	-	44	CO0044	-	7344	CO0044	
4	Yes	10-Sep-2019	SOG	Coho	CO0045	Random	0+	233	194	M	-	45	CO0045	-	7345	CO0045	
4	Yes	10-Sep-2019	SOG	Coho	CO0046	Random	0+	225	151	M	-	46	CO0046	-	7346	CO0046	LEP (female)
4	Yes	10-Sep-2019	SOG	Coho	CO0047	Random	0+	226	152	F	-	47	CO0047	-	7347	CO0047	
4	Yes	10-Sep-2019	SOG	Coho	CO0048	Select ¹	0+	227	177	F	CWT	48	CO0048	-	7348	CO0048	
4	Yes	10-Sep-2019	SOG	Coho	CO0049	Select ¹	0+	220	118	F	ADCWT	49	CO0049	Yes	7349	CO0049	

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4	Yes	10-Sep-2019	SOG	Coho	CO0050	Select ¹	0+	249	222	M	ADCWT	50	CO0050	Yes	7350	CO0050	
4	Yes	10-Sep-2019	SOG	Coho	CO0051	Select ¹	0+	235	167	F	ADCWT	51	CO0051	Yes	7351	CO0051	
4	Yes	10-Sep-2019	SOG	Coho	CO0052	Select ¹	0+	203	109	M	ADCWT	52	CO0052	Yes	7352	CO0052	DEF (Scoliosis)
4	Yes	10-Sep-2019	SOG	Coho	CO0053	Select ¹	0+	246	222	M	ADCWT	53	CO0053	Yes	7353	CO0053	
4	Yes	10-Sep-2019	SOG	Coho	CO0054	Select ¹	0+	271	260	F	ADCWT	54	CO0054	Yes	7354	CO0054	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	238	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	208	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	230	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	220	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	238	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	226	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	245	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	225	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	241	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	230	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	231	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	212	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	212	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	202	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	230	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	231	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	215	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	211	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	220	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	208	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	231	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	240	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	245	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	230	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	216	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	246	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	235	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	254	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	223	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	226	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	220	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	231	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	226	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	212	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	210	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	208	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	240	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	210	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	232	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	240	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	188	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	212	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	202	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	226	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	208	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	236	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	224	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	240	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	216	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	220	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	246	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	220	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	286	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	230	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	245	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	286	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	240	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	241	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	254	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	214	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	220	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	238	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	241	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	226	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	266	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	238	-	-	AD	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	215	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	234	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	226	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	254	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	223	-	-	AD	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Coho	-	Random	0+	258	-	-	AD	-	-	-	-	-	
5	Yes	10-Sep-2019	SOG	Coho	CO0055	Total	0+	226	151	M	-	55	CO0055	-	7355	CO0055	
6	Yes	10-Sep-2019	SOG	Coho	CO0056	Total	1+	535	1744	M	-	56	CO0056	Yes	7356	CO0056	
6	Yes	10-Sep-2019	SOG	Coho	CO0057	Total	1+	548	2151	M	ADCWT	57	CO0057	Yes	7357	CO0057	
6	Yes	10-Sep-2019	SOG	Coho	CO0058	Total	0+	264	228	M	ADCWT	58	CO0058	Yes	7358	CO0058	
6	Yes	10-Sep-2019	SOG	Coho	CO0059	Total	0+	197	92	F	-	59	CO0059	Yes	7359	CO0059	CAL
6	Yes	10-Sep-2019	SOG	Coho	CO0060	Total	0+	220	148	M	-	60	CO0060	Yes	7360	CO0060	LEP (male)
6	Yes	10-Sep-2019	SOG	Coho	CO0061	Total	0+	198	89	M	-	61	CO0061	-	7361	CO0061	
6	Yes	10-Sep-2019	SOG	Coho	CO0062	Total	0+	238	205	M	-	62	CO0062	Yes	7362	CO0062	LEP (gravid)
6	Yes	10-Sep-2019	SOG	Coho	CO0064	Total	0+	217	119	F	-	64	CO0064	Yes	7363	CO0064	
6	Yes	10-Sep-2019	SOG	Coho	CO0065	Total	0+	269	230	F	-	65	CO0065	Yes	7364	CO0065	
6	Yes	10-Sep-2019	SOG	Coho	CO0066	Total	0+	281	290	MJ	-	66	CO0066	Yes	7365	CO0066	
7	Yes	11-Sep-2019	SOG	Coho	CO0067	Select ⁴	0+	298	304	M	AD	67	CO0067	Yes	7366	CO0067	LEP (male)
7	Yes	11-Sep-2019	SOG	Coho	CO0068	Random	0+	209	109	M	-	68	CO0068	-	7367	CO0068	
7	Yes	11-Sep-2019	SOG	Coho	CO0069	Random	0+	270	253	M	-	69	CO0069	-	7368	CO0069	
7	Yes	11-Sep-2019	SOG	Coho	CO0070	Random	0+	245	168	F	-	70	CO0070	-	7369	CO0070	LEP (1 female, 1 male)
7	Yes	11-Sep-2019	SOG	Coho	CO0071	Random	0+	260	235	F	-	71	CO0071	Yes	7370	CO0071	LEP (2 gravid)
7	Yes	11-Sep-2019	SOG	Coho	CO0072	Random	0+	247	190	F	-	72	CO0072	Yes	7371	CO0072	LEP (2 male)
7	Yes	11-Sep-2019	SOG	Coho	CO0073	Random	0+	240	175	M	-	73	CO0073	Yes	7372	CO0073	
7	Yes	11-Sep-2019	SOG	Coho	CO0074	Random	0+	193	82	F	-	74	CO0074	-	7373	CO0074	
7	Yes	11-Sep-2019	SOG	Coho	CO0075	Random	0+	233	150	M	-	75	CO0075	Yes	7374	CO0075	
7	Yes	11-Sep-2019	SOG	Coho	CO0076	Random	0+	231	153	F	AD	76	CO0076	Yes	7375	CO0076	
7	Yes	11-Sep-2019	SOG	Coho	CO0077	Random	0+	236	128	F	AD	77	CO0077	Yes	7376	CO0077	BM (2, 8 cm, healed)
7	Yes	11-Sep-2019	SOG	Coho	CO0078	Random	0+	233	155	F	AD	78	CO0078	Yes	7377	CO0078	
7	Yes	11-Sep-2019	SOG	Coho	CO0079	Random	0+	271	258	F	-	79	CO0079	Yes	7378	CO0079	
7	Yes	11-Sep-2019	SOG	Coho	CO0080	Random	0+	259	-	F	AD	80	CO0080	Yes	7379	CO0080	
7	Yes	11-Sep-2019	SOG	Coho	CO0081	Random	0+	286	-	M	AD	81	CO0081	Yes	7380	CO0081	
7	Yes	11-Sep-2019	SOG	Coho	CO0082	Random	0+	233	-	F	AD	82	CO0082	Yes	7381	CO0082	
7	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	251	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	238	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	215	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	243	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	248	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
7	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	230	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	228	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	233	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	200	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	221	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	245	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	225	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	252	-	-	AD	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	238	-	-	AD	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	235	-	-	AD	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	240	-	-	AD	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	245	-	-	AD	-	-	-	-	-	
10	Yes	11-Sep-2019	SOG	Coho	CO0083	Total	0+	282	253	MJ	AD	83	CO0083	Yes	7382	CO0083	EIS
10	Yes	11-Sep-2019	SOG	Coho	CO0084	Total	0+	235	153	M	-	84	CO0084	Yes	7383	CO0084	EIS
10	Yes	11-Sep-2019	SOG	Coho	CO0085	Total	0+	220	125	M	-	85	CO0085	Yes	7384	CO0085	EIS
10	Yes	11-Sep-2019	SOG	Coho	CO0086	Total	0+	242	176	F	-	86	CO0086	Yes	7385	CO0086	EIS
10	Yes	11-Sep-2019	SOG	Coho	CO0087	Total	0+	249	191	M	-	87	CO0087	Yes	7386	CO0087	EIS
10	Yes	11-Sep-2019	SOG	Coho	CO0088	Total	0+	259	219	F	AD	88	CO0088	-	7387	CO0088	EIS
11	Yes	11-Sep-2019	SOG	Coho	CO0089	Total	1+	455	1067	M	AD	89	CO0089	Yes	7388	CO0089	
12	Yes	11-Sep-2019	SOG	Coho	CO0090	Random	0+	270	249	F	AD	90	CO0090	Yes	7389	CO0090	
12	Yes	11-Sep-2019	SOG	Coho	CO0091	Random	0+	247	173	M	AD	91	CO0091	Yes	7390	CO0091	
12	Yes	11-Sep-2019	SOG	Coho	CO0092	Random	0+	202	102	M	-	92	CO0092	Yes	7391	CO0092	
12	Yes	11-Sep-2019	SOG	Coho	CO0093	Random	0+	231	145	F	-	93	CO0093	Yes	7392	CO0093	
12	Yes	11-Sep-2019	SOG	Coho	CO0094	Random	0+	267	234	M	-	94	CO0094	Yes	7393	CO0094	
12	Yes	11-Sep-2019	SOG	Coho	CO0095	Random	0+	219	125	F	-	95	CO0095	Yes	7394	CO0095	
12	Yes	11-Sep-2019	SOG	Coho	CO0096	Random	0+	259	204	M	-	96	CO0096	Yes	7395	CO0096	LEP (gravid)
12	Yes	11-Sep-2019	SOG	Coho	CO0097	Random	0+	254	216	M	-	97	CO0097	Yes	7396	CO0097	
12	Yes	11-Sep-2019	SOG	Coho	CO0098	Random	0+	205	122	F	-	98	CO0098	Yes	7397	CO0098	
12	Yes	11-Sep-2019	SOG	Coho	CO0099	Random	0+	233	154	M	-	99	CO0099	Yes	7398	CO0099	
12	Yes	11-Sep-2019	SOG	Coho	CO0100	Random	0+	236	169	M	-	100	CO0100	Yes	7399	CO0100	GC
12	Yes	11-Sep-2019	SOG	Coho	CO0101	Random	0+	242	170	F	-	101	CO0101	Yes	7400	CO0101	
12	Yes	11-Sep-2019	SOG	Coho	CO0102	Random	0+	282	265	M	-	102	CO0102	Yes	7401	CO0102	
12	Yes	11-Sep-2019	SOG	Coho	CO0103	Random	0+	214	121	F	-	103	CO0103	-	7402	CO0103	BM
12	Yes	11-Sep-2019	SOG	Coho	CO0104	Random	0+	232	165	M	-	104	CO0104	-	7403	CO0104	
12	Yes	11-Sep-2019	SOG	Coho	CO0105	Total	1+	611	3600	F	AD	105	CO0105	Yes	7404	CO0105	LEP (male)
12	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	228	-	-	-	-	-	-	-	-	
12	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	238	-	-	-	-	-	-	-	-	
12	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	225	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
12	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
12	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	244	-	-	-	-	-	-	-	-	
12	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	242	-	-	-	-	-	-	-	-	
12	Yes	11-Sep-2019	SOG	Coho	-	Random	0+	246	-	-	-	-	-	-	-	-	
13	Yes	11-Sep-2019	SOG	Coho	CO0106	Total	0+	235	160	F	ADCWT	106	CO0106	Yes	7405	CO0106	
13	Yes	11-Sep-2019	SOG	Coho	CO0107	Total	0+	248	176	F	AD	107	CO0107	Yes	7406	CO0107	
13	Yes	11-Sep-2019	SOG	Coho	CO0108	Total	0+	258	198	M	-	108	CO0108	-	7407	CO0108	
13	Yes	11-Sep-2019	SOG	Coho	CO0109	Total	0+	238	169	F	-	109	CO0109	Yes	7408	CO0109	
13	Yes	11-Sep-2019	SOG	Coho	CO0110	Total	0+	245	185	F	-	110	CO0110	Yes	7409	CO0110	
13	Yes	11-Sep-2019	SOG	Coho	CO0111	Total	0+	229	155	M	-	111	CO0111	Yes	7410	CO0111	
13	Yes	11-Sep-2019	SOG	Coho	CO0112	Total	0+	241	170	F	-	112	CO0112	Yes	7411	CO0112	
13	Yes	11-Sep-2019	SOG	Coho	CO0113	Total	0+	231	161	F	-	113	CO0113	Yes	7412	CO0113	
13	Yes	11-Sep-2019	SOG	Coho	CO0114	Total	0+	263	208	F	-	114	CO0114	Yes	7413	CO0114	
13	Yes	11-Sep-2019	SOG	Coho	CO0115	Total	0+	235	167	M	-	115	CO0115	Yes	7414	CO0115	
13	Yes	11-Sep-2019	SOG	Coho	CO0117	Total	0+	234	146	F	-	116	CO0117	-	7415	CO0117	
14	Yes	12-Sep-2019	SOG	Coho	CO0118	Total	1+	615	2995	M	-	117	CO0118	Yes	7416	CO0118	
14	Yes	12-Sep-2019	SOG	Coho	CO0119	Random	0+	243	177	F	ADCWT	118	CO0119	Yes	7417	CO0119	LEP (female); EIS
14	Yes	12-Sep-2019	SOG	Coho	CO0120	Random	0+	265	233	F	AD	119	CO0120	-	7418	CO0120	BM (multiple, 5 cm); EIS
14	Yes	12-Sep-2019	SOG	Coho	CO0121	Random	0+	246	153	F	-	120	CO0121	-	7419	CO0121	EIS
14	Yes	12-Sep-2019	SOG	Coho	CO0122	Random	0+	220	142	M	-	121	CO0122	Yes	7420	CO0122	EIS
14	Yes	12-Sep-2019	SOG	Coho	CO0123	Random	0+	236	160	F	-	122	CO0123	Yes	7421	CO0123	LEP (male); EIS
14	Yes	12-Sep-2019	SOG	Coho	CO0124	Random	0+	276	262	M	-	123	CO0124	Yes	7422	CO0124	LEP (male)
14	Yes	12-Sep-2019	SOG	Coho	CO0125	Random	0+	248	205	F	-	124	CO0125	-	7423	CO0125	
14	Yes	12-Sep-2019	SOG	Coho	CO0126	Random	0+	320	481	MJ	-	125	CO0126	Yes	7424	CO0126	
14	Yes	12-Sep-2019	SOG	Coho	CO0127	Random	0+	266	233	M	-	126	CO0127	-	7425	CO0127	
14	Yes	12-Sep-2019	SOG	Coho	CO0128	Random	0+	251	207	M	-	127	CO0128	Yes	7426	CO0128	
14	Yes	12-Sep-2019	SOG	Coho	CO0129	Random	0+	220	132	F	AD	128	CO0129	-	7427	CO0129	
14	Yes	12-Sep-2019	SOG	Coho	CO0130	Random	0+	243	175	M	AD	129	CO0130	-	7428	CO0130	
14	Yes	12-Sep-2019	SOG	Coho	CO0131	Random	0+	223	147	F	-	130	CO0131	-	7429	CO0131	
14	Yes	12-Sep-2019	SOG	Coho	CO0132	Random	0+	245	182	F	-	131	CO0132	-	7430	CO0132	LEP (female)
14	Yes	12-Sep-2019	SOG	Coho	CO0133	Random	0+	216	127	F	-	132	CO0133	-	7431	CO0133	
14	Yes	12-Sep-2019	SOG	Coho	-	Random	0+	195	-	-	-	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Coho	-	Random	0+	228	-	-	-	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Coho	-	Random	0+	238	-	-	-	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Coho	-	Random	0+	261	-	-	-	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Coho	-	Random	0+	235	-	-	-	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Coho	-	Random	0+	247	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
14	Yes	12-Sep-2019	SOG	Coho	-	Random	0+	252	-	-	-	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Coho	-	Random	0+	238	-	-	-	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Coho	-	Random	0+	243	-	-	AD	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Coho	-	Random	0+	258	-	-	AD	-	-	-	-	-	
15	No	12-Sep-2019	SOG	Coho	CO0134	Total	0+	270	216	M	-	133	CO0134	Yes	7432	CO0134	
15	No	12-Sep-2019	SOG	Coho	CO0135	Total	0+	268	241	F	-	134	CO0135	Yes	7433	CO0135	
15	No	12-Sep-2019	SOG	Coho	CO0136	Total	0+	253	188	F	-	135	CO0136	Yes	7434	CO0136	
16	No	12-Sep-2019	SOG	Coho	CO0137	Total	0+	275	259	M	AD	136	CO0137	Yes	7435	CO0137	EIS
16	No	12-Sep-2019	SOG	Coho	CO0138	Total	0+	240	170	M	-	137	CO0138	Yes	7436	CO0138	LEP (male); EIS
16	No	12-Sep-2019	SOG	Coho	CO0139	Total	0+	246	187	F	-	138	CO0139	Yes	7437	CO0139	EIS
16	No	12-Sep-2019	SOG	Coho	CO0140	Total	0+	233	158	F	-	139	CO0140	Yes	7438	CO0140	EIS
16	No	12-Sep-2019	SOG	Coho	CO0141	Total	0+	220	146	M	-	140	CO0141	Yes	7439	CO0141	EIS
16	No	12-Sep-2019	SOG	Coho	CO0142	Total	0+	262	220	-	-	141	CO0142	Yes	7440	CO0142	
16	No	12-Sep-2019	SOG	Coho	CO0143	Total	0+	233	165	F	-	142	CO0143	Yes	7441	CO0143	
16	No	12-Sep-2019	SOG	Coho	CO0144	Total	0+	236	175	M	-	143	CO0144	Yes	7442	CO0144	
16	No	12-Sep-2019	SOG	Coho	CO0145	Total	0+	231	170	F	-	144	CO0145	Yes	7443	CO0145	
16	No	12-Sep-2019	SOG	Coho	CO0146	Total	0+	254	198	M	-	145	CO0146	Yes	7444	CO0146	
16	No	12-Sep-2019	SOG	Coho	CO0147	Total	0+	220	140	M	-	146	CO0147	Yes	7445	CO0147	
17	No	12-Sep-2019	SOG	Coho	CO0148	Total	0+	230	148	M	-	147	CO0148	-	7446	CO0148	EIS
17	No	12-Sep-2019	SOG	Coho	CO0149	Total	0+	262	224	F	AD	148	CO0149	-	7447	CO0149	EIS
17	No	12-Sep-2019	SOG	Coho	CO0150	Total	0+	248	171	F	AD	149	CO0150	-	7448	CO0150	EIS
24	No	13-Sep-2019	DESO	Coho	CO0151	Total	0+	250	202	M	-	150	CO0151	Yes	7449	CO0151	EIS
24	No	13-Sep-2019	DESO	Coho	CO0152	Total	0+	251	190	F	AD	151	CO0152	Yes	7450	CO0152	EIS
24	No	13-Sep-2019	DESO	Coho	CO0153	Total	0+	250	193	M	-	152	CO0153	Yes	7451	CO0153	EIS
24	No	13-Sep-2019	DESO	Coho	CO0154	Total	0+	257	182	M	-	153	CO0154	Yes	7452	CO0154	Skinny; EIS
24	No	13-Sep-2019	DESO	Coho	CO0155	Total	0+	256	214	M	-	154	CO0155	Yes	7453	CO0155	EIS
24	No	13-Sep-2019	DESO	Coho	CO0156	Total	0+	275	239	M	-	155	CO0156	Yes	7454	CO0156	
24	No	13-Sep-2019	DESO	Coho	CO0157	Total	0+	281	252	F	-	156	CO0157	Yes	7455	CO0157	
24	No	13-Sep-2019	DESO	Coho	CO0158	Total	0+	262	237	-	-	157	CO0158	Yes	7456	CO0158	LEP (female)
24	No	13-Sep-2019	DESO	Coho	CO0159	Total	0+	232	147	F	-	158	CO0159	Yes	7457	CO0159	
25	No	13-Sep-2019	DESO	Coho	CO0160	Total	0+	256	204	F	AD	159	CO0160	Yes	7458	CO0160	LEP (male); EIS
25	No	13-Sep-2019	DESO	Coho	CO0161	Total	0+	253	194	M	AD	160	CO0161	Yes	7459	CO0161	EIS
25	No	13-Sep-2019	DESO	Coho	CO0162	Total	0+	256	195	F	-	161	CO0162	Yes	7460	CO0162	EIS
25	No	13-Sep-2019	DESO	Coho	CO0163	Total	0+	256	217	F	-	162	CO0163	Yes	7461	CO0163	EIS
25	No	13-Sep-2019	DESO	Coho	CO0164	Total	0+	250	211	M	-	163	CO0164	Yes	7462	CO0164	HW; EIS
25	No	13-Sep-2019	DESO	Coho	CO0165	Total	0+	254	210	M	-	164	CO0165	Yes	7463	CO0165	EIS
25	No	13-Sep-2019	DESO	Coho	CO0166	Total	0+	224	132	F	-	165	CO0166	-	7464	CO0166	EIS
26	No	13-Sep-2019	DESO	Coho	CO0167	Total	0+	254	202	M	-	166	CO0167	Yes	7465	CO0167	EIS
27	No	13-Sep-2019	DESO	Coho	CO0168	Total	0+	248	192	M	-	167	CO0168	Yes	7466	CO0168	EIS
27	No	13-Sep-2019	DESO	Coho	CO0169	Total	0+	294	345	F	-	168	CO0169	Yes	7467	CO0169	VF; EIS

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
27	No	13-Sep-2019	DESO	Coho	CO0170	Total	0+	285	305	M	-	169	CO0170	Yes	7468	CO0170	EIS
27	No	13-Sep-2019	DESO	Coho	CO0171	Total	0+	245	185	F	-	170	CO0171	Yes	7469	CO0171	EIS
29	No	13-Sep-2019	DESO	Coho	CO0172	Total	0+	206	97	M	-	171	CO0172	Yes	7470	CO0172	CAL; Skinny; EIS
29	No	13-Sep-2019	DESO	Coho	CO0173	Total	0+	256	204	F	-	172	CO0173	Yes	7471	CO0173	EIS
31	No	13-Sep-2019	DISC	Coho	CO0174	Total	0+	241	175	F	ADCWT	173	CO0174	-	7472	CO0174	
31	No	13-Sep-2019	DISC	Coho	CO0175	Total	0+	244	178	F	AD	174	CO0175	-	7473	CO0175	
31	No	13-Sep-2019	DISC	Coho	CO0176	Total	0+	235	151	M	-	175	CO0176	-	7474	CO0176	
31	No	13-Sep-2019	DISC	Coho	CO0177	Total	0+	257	200	M	AD	176	CO0177	-	7475	CO0177	BM
33	No	14-Sep-2019	DISC	Coho	CO0178	Total	0+	185	78	M	AD	177	CO0178	Yes	7476	CO0178	ABR; Puncture (V); EIS
35	No	14-Sep-2019	DISC	Coho	CO0179	Total	0+	281	238	M	AD	178	CO0179	Yes	7477	CO0179	EIS
35	No	14-Sep-2019	DISC	Coho	CO0180	Total	0+	261	199	F	-	179	CO0180	Yes	7478	CO0180	EIS
35	No	14-Sep-2019	DISC	Coho	CO0181	Total	0+	232	153	M	-	180	CO0181	Yes	7479	CO0181	LEP (female); EIS
35	No	14-Sep-2019	DISC	Coho	CO0182	Total	0+	293	296	F	-	181	CO0182	Yes	7480	CO0182	EIS
35	No	14-Sep-2019	DISC	Coho	CO0183	Total	0+	286	280	M	-	182	CO0183	Yes	7481	CO0183	EIS
38	No	14-Sep-2019	DISC	Coho	CO0184	Total	1+	470	1183	M	-	183	CO0184	Yes	7482	CO0184	
40	No	15-Sep-2019	SOG	Coho	CO0185	Total	0+	255	200	M	AD	184	CO0185	Yes	7483	CO0185	EIS
40	No	15-Sep-2019	SOG	Coho	CO0186	Total	0+	286	296	F	AD	185	CO0186	Yes	7484	CO0186	EIS
40	No	15-Sep-2019	SOG	Coho	CO0188	Total	0+	269	221	M	-	186	CO0188	Yes	7485	CO0188	EIS
40	No	15-Sep-2019	SOG	Coho	CO0189	Total	0+	262	204	M	-	187	CO0189	Yes	7486	CO0189	LEP (male); EIS
40	No	15-Sep-2019	SOG	Coho	CO0190	Total	0+	285	287	F	AD	188	CO0190	Yes	7487	CO0190	EIS
40	No	15-Sep-2019	SOG	Coho	CO0191	Total	0+	278	273	M	AD	189	CO0191	Yes	7488	CO0191	BM (6 cm); VF; EIS
40	No	15-Sep-2019	SOG	Coho	CO0192	Total	0+	278	300	F	-	190	CO0192	Yes	7489	CO0192	EIS
40	No	15-Sep-2019	SOG	Coho	CO0193	Total	0+	289	280	F	-	191	CO0193	Yes	7490	CO0193	EIS
40	No	15-Sep-2019	SOG	Coho	CO0194	Total	0+	270	244	F	-	192	CO0194	Yes	7491	CO0194	EIS
40	No	15-Sep-2019	SOG	Coho	CO0195	Total	0+	273	257	M	AD	193	CO0195	Yes	7492	CO0195	LEP (female); EIS
40	No	15-Sep-2019	SOG	Coho	CO0196	Total	0+	274	245	M	AD	194	CO0196	Yes	7493	CO0196	
40	No	15-Sep-2019	SOG	Coho	CO0197	Total	0+	256	205	M	-	195	CO0197	Yes	7494	CO0197	
40	No	15-Sep-2019	SOG	Coho	CO0198	Total	0+	249	200	F	-	196	CO0198	Yes	7495	CO0198	
41	Yes	15-Sep-2019	SOG	Coho	CO0199	Total	1+	514	2120	M	-	197	CO0199	Yes	7496	CO0199	
41	Yes	15-Sep-2019	SOG	Coho	CO0200	Random	0+	280	260	F	AD	198	CO0200	Yes	7497	CO0200	EIS
41	Yes	15-Sep-2019	SOG	Coho	CO0201	Random	0+	246	179	M	AD	199	CO0201	Yes	7498	CO0201	BM (6 cm, healed); EIS
41	Yes	15-Sep-2019	SOG	Coho	CO0202	Random	0+	298	313	M	AD	200	CO0202	Yes	7499	CO0202	EIS
41	Yes	15-Sep-2019	SOG	Coho	CO0203	Random	0+	228	161	F	-	201	CO0203	Yes	7500	CO0203	EIS
41	Yes	15-Sep-2019	SOG	Coho	CO0204	Random	0+	226	145	M	-	202	CO0204	Yes	7501	CO0204	EIS
41	Yes	15-Sep-2019	SOG	Coho	CO0205	Random	0+	286	299	M	AD	203	CO0205	Yes	7502	CO0205	LEP (male); EIS
41	Yes	15-Sep-2019	SOG	Coho	CO0206	Random	0+	253	208	M	-	204	CO0206	Yes	7503	CO0206	EIS
41	Yes	15-Sep-2019	SOG	Coho	CO0207	Random	0+	310	415	MJ	-	205	CO0207	Yes	7504	CO0207	LEP (male); EIS
41	Yes	15-Sep-2019	SOG	Coho	CO0208	Random	0+	247	190	M	-	206	CO0208	Yes	7505	CO0208	EIS
41	Yes	15-Sep-2019	SOG	Coho	CO0209	Random	0+	258	217	M	-	207	CO0209	Yes	7506	CO0209	EIS
41	Yes	15-Sep-2019	SOG	Coho	CO0210	Random	0+	281	267	F	AD	208	CO0210	Yes	7507	CO0210	CAL

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
41	Yes	15-Sep-2019	SOG	Coho	CO0211	Random	0+	259	207	M	-	209	CO0211	Yes	7508	CO0211	CAL
41	Yes	15-Sep-2019	SOG	Coho	CO0212	Random	0+	248	190	M	-	210	CO0212	Yes	7509	CO0212	
41	Yes	15-Sep-2019	SOG	Coho	CO0213	Random	0+	255	215	M	-	211	CO0213	Yes	7510	CO0213	
41	Yes	15-Sep-2019	SOG	Coho	CO0214	Random	0+	254	192	F	-	212	CO0214	Yes	7511	CO0214	GC
41	Yes	15-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	-	-	-	-	-	-	
41	Yes	15-Sep-2019	SOG	Coho	-	Random	0+	266	-	-	-	-	-	-	-	-	
41	Yes	15-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	-	-	-	-	-	-	
41	Yes	15-Sep-2019	SOG	Coho	-	Random	0+	251	-	-	-	-	-	-	-	-	
41	Yes	15-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	-	-	-	-	-	-	
41	Yes	15-Sep-2019	SOG	Coho	-	Random	0+	264	-	-	AD	-	-	-	-	-	
41	Yes	15-Sep-2019	SOG	Coho	-	Random	0+	252	-	-	AD	-	-	-	-	-	
42	Yes	15-Sep-2019	SOG	Coho	CO0215	Total	0+	278	279	F	AD	213	CO0215	Yes	7512	CO0215	CAL; EIS
42	Yes	15-Sep-2019	SOG	Coho	CO0216	Total	0+	252	195	M	-	214	CO0216	Yes	7513	CO0216	EIS
42	Yes	15-Sep-2019	SOG	Coho	CO0217	Total	0+	265	221	F	-	215	CO0217	Yes	7514	CO0217	BM; EIS
42	Yes	15-Sep-2019	SOG	Coho	CO0218	Total	0+	262	223	F	-	216	CO0218	Yes	7515	CO0218	EIS
42	Yes	15-Sep-2019	SOG	Coho	CO0219	Total	0+	267	245	M	-	217	CO0219	Yes	7516	CO0219	EIS
42	Yes	15-Sep-2019	SOG	Coho	CO0220	Total	0+	268	226	M	AD	218	CO0220	Yes	7517	CO0220	
42	Yes	15-Sep-2019	SOG	Coho	CO0221	Total	0+	286	263	M	AD	219	CO0221	Yes	7518	CO0221	ABR; HW
42	Yes	15-Sep-2019	SOG	Coho	CO0222	Total	0+	260	244	F	AD	220	CO0222	Yes	7519	CO0222	
42	Yes	15-Sep-2019	SOG	Coho	CO0223	Total	0+	307	402	MJ	AD	221	CO0223	Yes	7520	CO0223	
42	Yes	15-Sep-2019	SOG	Coho	CO0224	Total	0+	306	349	MJ	AD	222	CO0224	Yes	7521	CO0224	
42	Yes	15-Sep-2019	SOG	Coho	CO0225	Total	0+	260	236	M	-	223	CO0225	Yes	7522	CO0225	
42	Yes	15-Sep-2019	SOG	Coho	CO0226	Total	0+	205	112	F	-	224	CO0226	Yes	7523	CO0226	
43	Yes	15-Sep-2019	SOG	Coho	CO0227	Total	0+	280	271	M	ADCWT	225	CO0227	Yes	7524	CO0227	
43	Yes	15-Sep-2019	SOG	Coho	CO0228	Total	0+	277	255	M	ADCWT	226	CO0228	Yes	7525	CO0228	
43	Yes	15-Sep-2019	SOG	Coho	CO0229	Total	0+	268	253	F	-	227	CO0229	Yes	7526	CO0229	FH (cysts gonad & swim bladder)
43	Yes	15-Sep-2019	SOG	Coho	CO0230	Total	0+	276	262	F	-	228	CO0230	Yes	7527	CO0230	
44	No	15-Sep-2019	SOG	Coho	CO0231	Total	0+	256	207	F	AD	229	CO0231	Yes	7528	CO0231	CAL; EIS
44	No	15-Sep-2019	SOG	Coho	CO0232	Total	0+	268	245	M	AD	230	CO0232	Yes	7529	CO0232	LEP (female); EIS
44	No	15-Sep-2019	SOG	Coho	CO0233	Total	0+	244	174	M	AD	231	CO0233	Yes	7530	CO0233	LEP (gravid); EIS
44	No	15-Sep-2019	SOG	Coho	CO0234	Total	0+	257	208	M	-	232	CO0234	Yes	7531	CO0234	EIS
44	No	15-Sep-2019	SOG	Coho	CO0235	Total	0+	270	220	F	-	233	CO0235	Yes	7532	CO0235	EIS
44	No	15-Sep-2019	SOG	Coho	CO0236	Total	0+	252	200	M	-	234	CO0236	Yes	7533	CO0236	GC; EIS
44	No	15-Sep-2019	SOG	Coho	CO0237	Total	0+	275	257	F	AD	235	CO0237	Yes	7534	CO0237	EIS
44	No	15-Sep-2019	SOG	Coho	CO0238	Total	0+	257	217	M	-	236	CO0238	Yes	7535	CO0238	GC; EIS
44	No	15-Sep-2019	SOG	Coho	CO0239	Total	0+	244	192	M	-	237	CO0239	Yes	7536	CO0239	EIS
44	No	15-Sep-2019	SOG	Coho	CO0240	Total	0+	265	231	F	-	238	CO0240	Yes	7537	CO0240	EIS
44	No	15-Sep-2019	SOG	Coho	CO0241	Total	0+	244	174	F	-	239	CO0241	Yes	7538	CO0241	EIS
45	No	15-Sep-2019	SOG	Coho	CO0242	Total	0+	266	224	M	-	240	CO0242	Yes	7539	CO0242	EIS
45	No	15-Sep-2019	SOG	Coho	CO0243	Total	0+	236	125	F	AD	241	CO0243	Yes	7540	CO0243	LEP (gravid); Skinny; EIS

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
45	No	15-Sep-2019	SOG	Coho	CO0244	Total	0+	253	227	F	-	242	CO0244	Yes	7541	CO0244	EIS
45	No	15-Sep-2019	SOG	Coho	CO0245	Total	0+	255	190	F	-	243	CO0245	Yes	7542	CO0245	BM (6.5 cm); EIS
45	No	15-Sep-2019	SOG	Coho	CO0246	Total	0+	255	190	F	AD	244	CO0246	Yes	7543	CO0246	EIS
45	No	15-Sep-2019	SOG	Coho	CO0247	Total	0+	266	227	M	-	245	CO0247	Yes	7544	CO0247	EIS
46	No	15-Sep-2019	DESO	Coho	CO0248	Total	0+	275	243	M	AD	246	CO0248	Yes	7545	CO0248	EIS
46	No	15-Sep-2019	DESO	Coho	CO0249	Total	0+	244	174	F	-	247	CO0249	Yes	7546	CO0249	EIS
46	No	15-Sep-2019	DESO	Coho	CO0250	Total	0+	241	188	F	-	248	CO0250	Yes	7547	CO0250	EIS
46	No	15-Sep-2019	DESO	Coho	CO0251	Total	0+	240	172	F	-	249	CO0251	Yes	7548	CO0251	EIS
46	No	15-Sep-2019	DESO	Coho	CO0252	Total	0+	257	220	F	-	250	CO0252	Yes	7549	CO0252	EIS
46	No	15-Sep-2019	DESO	Coho	CO0253	Total	0+	233	159	M	-	251	CO0253	Yes	7550	CO0253	EIS
46	No	15-Sep-2019	DESO	Coho	CO0254	Total	0+	233	160	F	-	252	CO0254	Yes	7551	CO0254	LEP (female); EIS
46	No	15-Sep-2019	DESO	Coho	CO0255	Total	0+	261	258	M	-	253	CO0255	Yes	7552	CO0255	EIS
48	No	15-Sep-2019	DESO	Coho	CO0256	Total	0+	262	236	M	AD	254	CO0256	Yes	7553	CO0256	EIS
49	No	15-Sep-2019	DESO	Coho	CO0257	Total	0+	366	678	M	-	255	CO0257	Yes	7554	CO0257	
50	Yes	16-Sep-2019	SOG	Coho	CO0258	Random	1+	698	3983	F	AD	256	CO0258	Yes	7555	CO0258	
50	Yes	16-Sep-2019	SOG	Coho	CO0259	Random	0+	267	266	F	-	257	CO0259	Yes	7556	CO0259	
50	Yes	16-Sep-2019	SOG	Coho	CO0260	Random	0+	313	417	MJ	-	258	CO0260	Yes	7557	CO0260	
50	Yes	16-Sep-2019	SOG	Coho	CO0261	Random	0+	274	248	M	-	259	CO0261	Yes	7558	CO0261	
50	Yes	16-Sep-2019	SOG	Coho	CO0262	Random	0+	247	185	F	-	260	CO0262	Yes	7559	CO0262	
50	Yes	16-Sep-2019	SOG	Coho	CO0263	Random	0+	269	250	M	-	261	CO0263	Yes	7560	CO0263	CAL
50	Yes	16-Sep-2019	SOG	Coho	CO0264	Random	0+	275	285	M	ADCWT	262	CO0264	Yes	7561	CO0264	DEF (Dorsal fin missing)
50	Yes	16-Sep-2019	SOG	Coho	CO0265	Random	0+	259	237	F	ADCWT	263	CO0265	Yes	7562	CO0265	
50	Yes	16-Sep-2019	SOG	Coho	CO0266	Random	0+	279	282	M	-	264	CO0266	Yes	7563	CO0266	
50	Yes	16-Sep-2019	SOG	Coho	CO0267	Random	0+	288	293	F	-	265	CO0267	Yes	7564	CO0267	
50	Yes	16-Sep-2019	SOG	Coho	CO0268	Random	0+	261	215	M	-	266	CO0268	Yes	7565	CO0268	
50	Yes	16-Sep-2019	SOG	Coho	CO0269	Random	0+	270	256	M	-	267	CO0269	Yes	7566	CO0269	
50	Yes	16-Sep-2019	SOG	Coho	CO0270	Random	0+	281	270	M	AD	268	CO0270	Yes	7567	CO0270	
50	Yes	16-Sep-2019	SOG	Coho	CO0271	Random	0+	260	246	F	-	269	CO0271	Yes	7568	CO0271	
50	Yes	16-Sep-2019	SOG	Coho	CO0272	Random	0+	248	185	M	-	270	CO0272	Yes	7569	CO0272	
50	Yes	16-Sep-2019	SOG	Coho	CO0273	Random	0+	275	254	M	-	271	CO0273	Yes	7570	CO0273	
50	Yes	16-Sep-2019	SOG	Coho	CO0274	Random	0+	258	212	F	AD	272	CO0274	Yes	7571	CO0274	
50	Yes	16-Sep-2019	SOG	Coho	CO0275	Random	0+	275	275	M	-	273	CO0275	Yes	7572	CO0275	
50	Yes	16-Sep-2019	SOG	Coho	CO0276	Random	0+	264	230	M	-	274	CO0276	Yes	7573	CO0276	
50	Yes	16-Sep-2019	SOG	Coho	CO0277	Random	0+	259	232	M	-	275	CO0277	Yes	7574	CO0277	
50	Yes	16-Sep-2019	SOG	Coho	CO0278	Random	0+	258	222	F	-	276	CO0278	Yes	7575	CO0278	
50	Yes	16-Sep-2019	SOG	Coho	CO0279	Select ¹	0+	248	200	F	ADCWT	277	CO0279	Yes	7576	CO0279	
50	Yes	16-Sep-2019	SOG	Coho	CO0280	Select ¹	0+	289	339	F	ADCWT	278	CO0280	Yes	7577	CO0280	
50	Yes	16-Sep-2019	SOG	Coho	CO0281	Select ¹	0+	270	230	M	ADCWT	279	CO0281	Yes	7578	CO0281	
50	Yes	16-Sep-2019	SOG	Coho	CO0282	Select ¹	0+	300	342	M	ADCWT	280	CO0282	Yes	7579	CO0282	LEP (gravid)

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	274	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	230	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	AD	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	286	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	258	-	-	AD	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	269	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	AD	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	276	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	253	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	246	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	256	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	249	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	285	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	276	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	246	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	285	-	-	AD	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	AD	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	225	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	258	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	259	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	258	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	242	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	235	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	291	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	256	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	252	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	258	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	274	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	261	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	294	-	-	AD	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	278	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	-	-	-	-	-	-	
51	Yes	16-Sep-2019	SOG	Coho	CO0283	Total	0+	291	305	F	AD	281	CO0283	Yes	7580	CO0283	LEP (gravid); EIS
51	Yes	16-Sep-2019	SOG	Coho	CO0284	Total	0+	231	144	M	-	282	CO0284	Yes	7581	CO0284	EIS
51	Yes	16-Sep-2019	SOG	Coho	CO0285	Total	0+	257	196	M	-	283	CO0285	Yes	7582	CO0285	EIS
52	Yes	16-Sep-2019	SOG	Coho	CO0286	Random	0+	268	250	F	AD	284	CO0286	Yes	7583	CO0286	
52	Yes	16-Sep-2019	SOG	Coho	CO0287	Random	0+	268	224	M	AD	285	CO0287	Yes	7584	CO0287	
52	Yes	16-Sep-2019	SOG	Coho	CO0288	Random	0+	293	332	F	-	286	CO0288	Yes	7585	CO0288	
52	Yes	16-Sep-2019	SOG	Coho	CO0289	Random	0+	265	246	F	-	287	CO0289	Yes	7586	CO0289	
52	Yes	16-Sep-2019	SOG	Coho	CO0290	Random	0+	265	256	M	-	288	CO0290	Yes	7587	CO0290	
52	Yes	16-Sep-2019	SOG	Coho	CO0291	Random	0+	253	215	F	-	289	CO0291	Yes	7588	CO0291	
52	Yes	16-Sep-2019	SOG	Coho	CO0292	Random	0+	261	240	F	-	290	CO0292	Yes	7589	CO0292	
52	Yes	16-Sep-2019	SOG	Coho	CO0293	Random	0+	278	280	F	-	291	CO0293	Yes	7590	CO0293	
52	Yes	16-Sep-2019	SOG	Coho	CO0294	Random	0+	278	257	F	-	292	CO0294	Yes	7591	CO0294	
52	Yes	16-Sep-2019	SOG	Coho	CO0295	Random	0+	274	271	F	-	293	CO0295	Yes	7592	CO0295	
52	Yes	16-Sep-2019	SOG	Coho	CO0296	Random	0+	251	204	F	-	294	CO0296	Yes	7593	CO0296	
52	Yes	16-Sep-2019	SOG	Coho	CO0297	Random	0+	274	235	M	-	295	CO0297	Yes	7594	CO0297	
52	Yes	16-Sep-2019	SOG	Coho	CO0298	Random	0+	315	281	M	-	296	CO0298	Yes	7595	CO0298	
52	Yes	16-Sep-2019	SOG	Coho	CO0299	Random	0+	240	188	M	-	297	CO0299	Yes	7596	CO0299	
52	Yes	16-Sep-2019	SOG	Coho	CO0300	Random	0+	255	215	F	-	298	CO0300	Yes	7597	CO0300	
52	Yes	16-Sep-2019	SOG	Coho	CO0301	Random	0+	248	196	M	-	299	CO0301	Yes	7598	CO0301	
52	Yes	16-Sep-2019	SOG	Coho	CO0302	Random	0+	256	232	M	-	300	CO0302	Yes	7699	CO0302	
52	Yes	16-Sep-2019	SOG	Coho	CO0303	Random	0+	288	323	F	-	301	CO0303	Yes	7700	CO0303	
52	Yes	16-Sep-2019	SOG	Coho	CO0304	Random	0+	265	210	F	-	302	CO0304	Yes	7701	CO0304	
52	Yes	16-Sep-2019	SOG	Coho	CO0305	Random	0+	241	177	F	-	303	CO0305	Yes	7702	CO0305	
52	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	266	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	230	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	239	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	256	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	254	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	288	-	-	-	-	-	-	-	-	
53	Yes	16-Sep-2019	SOG	Coho	CO0306	Total	0+	264	225	M	-	304	CO0306	Yes	7703	CO0306	LEP (gravid)
53	Yes	16-Sep-2019	SOG	Coho	CO0307	Total	0+	258	222	M	-	305	CO0307	Yes	7704	CO0307	
53	Yes	16-Sep-2019	SOG	Coho	CO0308	Total	0+	257	202	F	-	306	CO0308	Yes	7705	CO0308	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
53	Yes	16-Sep-2019	SOG	Coho	CO0309	Total	0+	242	164	M	-	307	CO0309	Yes	7706	CO0309	
53	Yes	16-Sep-2019	SOG	Coho	CO0310	Total	0+	252	204	M	-	308	CO0310	Yes	7707	CO0310	
55	Yes	16-Sep-2019	SOG	Coho	CO0311	Random	0+	289	287	F	ADCWT	309	CO0311	Yes	7708	CO0311	
55	Yes	16-Sep-2019	SOG	Coho	CO0312	Random	0+	301	345	F	AD	310	CO0312	Yes	7709	CO0312	
55	Yes	16-Sep-2019	SOG	Coho	CO0313	Random	0+	286	304	F	AD	311	CO0313	Yes	7710	CO0313	
55	Yes	16-Sep-2019	SOG	Coho	CO0314	Random	0+	255	190	F	-	312	CO0314	Yes	7711	CO0314	
55	Yes	16-Sep-2019	SOG	Coho	CO0315	Random	0+	272	237	M	-	313	CO0315	Yes	7712	CO0315	LEP (female); LEP (male)
55	Yes	16-Sep-2019	SOG	Coho	CO0316	Random	0+	265	240	M	-	314	CO0316	Yes	7713	CO0316	
55	Yes	16-Sep-2019	SOG	Coho	CO0317	Random	0+	288	254	M	-	315	CO0317	Yes	7714	CO0317	
55	Yes	16-Sep-2019	SOG	Coho	CO0318	Random	0+	280	287	M	-	316	CO0318	Yes	7715	CO0318	
55	Yes	16-Sep-2019	SOG	Coho	CO0319	Random	0+	288	285	M	-	317	CO0319	Yes	7716	CO0319	LEP (male)
55	Yes	16-Sep-2019	SOG	Coho	CO0320	Random	0+	248	189	M	-	318	CO0320	Yes	7717	CO0320	
55	Yes	16-Sep-2019	SOG	Coho	CO0321	Random	0+	280	282	F	-	319	CO0321	Yes	7718	CO0321	
55	Yes	16-Sep-2019	SOG	Coho	CO0322	Random	0+	308	371	M	-	320	CO0322	Yes	7719	CO0322	
55	Yes	16-Sep-2019	SOG	Coho	CO0323	Random	0+	255	203	M	-	321	CO0323	Yes	7720	CO0323	LEP (male)
55	Yes	16-Sep-2019	SOG	Coho	CO0324	Random	0+	270	227	M	-	322	CO0324	Yes	7721	CO0324	LEP (male)
55	Yes	16-Sep-2019	SOG	Coho	CO0325	Random	0+	253	230	F	-	323	CO0325	Yes	7722	CO0325	
55	Yes	16-Sep-2019	SOG	Coho	CO0326	Random	0+	245	183	F	-	324	CO0326	Yes	7723	CO0326	
55	Yes	16-Sep-2019	SOG	Coho	CO0327	Random	0+	268	247	F	AD	325	CO0327	Yes	7724	CO0327	
55	Yes	16-Sep-2019	SOG	Coho	CO0328	Random	0+	264	218	M	-	326	CO0328	Yes	7725	CO0328	
55	Yes	16-Sep-2019	SOG	Coho	CO0329	Random	0+	257	223	M	-	327	CO0329	Yes	7726	CO0329	
55	Yes	16-Sep-2019	SOG	Coho	CO0330	Random	0+	271	254	F	-	328	CO0330	Yes	7727	CO0330	
55	Yes	16-Sep-2019	SOG	Coho	CO0331	Select ¹	0+	273	258	M	ADCWT	329	CO0331	-	7728	CO0331	
55	Yes	16-Sep-2019	SOG	Coho	CO0332	Select ¹	0+	252	191	M	ADCWT	330	CO0332	-	7729	CO0332	
55	Yes	16-Sep-2019	SOG	Coho	CO0333	Select ¹	0+	290	294	F	ADCWT	331	CO0333	-	7730	CO0333	
55	Yes	16-Sep-2019	SOG	Coho	CO0334	Select ¹	0+	272	234	M	ADCWT	332	CO0334	-	7731	CO0334	
55	Yes	16-Sep-2019	SOG	Coho	CO0335	Select ¹	0+	270	254	F	ADCWT	333	CO0335	-	7732	CO0335	
55	Yes	16-Sep-2019	SOG	Coho	CO0336	Select ¹	0+	268	275	F	ADCWT	334	CO0336	-	7733	CO0336	LEP (female)
55	Yes	16-Sep-2019	SOG	Coho	CO0337	Select ¹	0+	285	303	F	ADCWT	335	CO0337	-	7734	CO0337	
55	Yes	16-Sep-2019	SOG	Coho	CO0338	Select ¹	0+	246	195	F	ADCWT	336	CO0338	-	7735	CO0338	
55	Yes	16-Sep-2019	SOG	Coho	CO0339	Select ¹	0+	274	251	M	ADCWT	337	CO0339	-	7736	CO0339	
55	Yes	16-Sep-2019	SOG	Coho	CO0340	Select ¹	0+	280	269	M	ADCWT	338	CO0340	-	7737	CO0340	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	258	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	264	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	252	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	258	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	264	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	266	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	242	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	263	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	248	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	263	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	274	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	248	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	258	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	248	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	252	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	264	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	242	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	292	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	240	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	245	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	245	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	294	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	AD	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	289	-	-	AD	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	AD	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	276	-	-	AD	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	288	-	-	AD	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	292	-	-	AD	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	278	-	-	AD	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	276	-	-	AD	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	258	-	-	AD	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	AD	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	256	-	-	AD	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	308	-	-	AD	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	246	-	-	AD	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	AD	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	AD	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	252	-	-	AD	-	-	-	-	-	
56	Yes	16-Sep-2019	SOG	Coho	CO0341	Random	0+	258	214	M	ADCWT	339	CO0341	Yes	7738	CO0341	
56	Yes	16-Sep-2019	SOG	Coho	CO0342	Random	0+	276	253	F	ADCWT	340	CO0342	Yes	7739	CO0342	
56	Yes	16-Sep-2019	SOG	Coho	CO0343	Random	0+	270	251	F	-	341	CO0343	Yes	7740	CO0343	
56	Yes	16-Sep-2019	SOG	Coho	CO0344	Random	0+	285	299	F	-	342	CO0344	Yes	7741	CO0344	
56	Yes	16-Sep-2019	SOG	Coho	CO0345	Random	0+	276	255	M	AD	343	CO0345	Yes	7742	CO0345	
56	Yes	16-Sep-2019	SOG	Coho	CO0346	Random	0+	265	239	F	-	344	CO0346	Yes	7743	CO0346	
56	Yes	16-Sep-2019	SOG	Coho	CO0347	Random	0+	277	247	M	-	345	CO0347	Yes	7744	CO0347	
56	Yes	16-Sep-2019	SOG	Coho	CO0348	Random	0+	275	291	M	AD	346	CO0348	Yes	7745	CO0348	LEP (male)
56	Yes	16-Sep-2019	SOG	Coho	CO0349	Random	0+	286	282	M	AD	347	CO0349	Yes	7746	CO0349	
56	Yes	16-Sep-2019	SOG	Coho	CO0350	Random	0+	275	248	F	-	348	CO0350	Yes	7747	CO0350	
56	Yes	16-Sep-2019	SOG	Coho	CO0351	Random	0+	285	291	F	-	349	CO0351	Yes	7748	CO0351	
56	Yes	16-Sep-2019	SOG	Coho	CO0352	Random	0+	251	199	M	-	350	CO0352	Yes	7749	CO0352	
56	Yes	16-Sep-2019	SOG	Coho	CO0353	Random	0+	240	166	F	-	351	CO0353	Yes	7750	CO0353	
56	Yes	16-Sep-2019	SOG	Coho	CO0354	Random	0+	250	210	F	-	352	CO0354	Yes	7751	CO0354	
56	Yes	16-Sep-2019	SOG	Coho	CO0355	Random	0+	250	204	M	-	353	CO0355	Yes	7752	CO0355	
56	Yes	16-Sep-2019	SOG	Coho	CO0356	Random	0+	262	231	M	AD	354	CO0356	Yes	7753	CO0356	
56	Yes	16-Sep-2019	SOG	Coho	CO0357	Random	0+	279	278	M	-	355	CO0357	Yes	7754	CO0357	
56	Yes	16-Sep-2019	SOG	Coho	CO0358	Random	0+	290	307	M	-	356	CO0358	Yes	7755	CO0358	
56	Yes	16-Sep-2019	SOG	Coho	CO0359	Random	0+	290	296	F	-	357	CO0359	Yes	7756	CO0359	
56	Yes	16-Sep-2019	SOG	Coho	CO0360	Random	0+	258	223	F	-	358	CO0360	Yes	7757	CO0360	
56	Yes	16-Sep-2019	SOG	Coho	CO0361	Select ¹	0+	300	328	M	ADCWT	359	CO0361	-	7758	CO0361	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
56	Yes	16-Sep-2019	SOG	Coho	CO0362	Select ¹	0+	252	210	F	ADCWT	360	CO0362	-	7759	CO0362	
56	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	248	-	-	-	-	-	-	-	-	
56	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	254	-	-	-	-	-	-	-	-	
56	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	241	-	-	-	-	-	-	-	-	
56	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	273	-	-	-	-	-	-	-	-	
56	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	256	-	-	-	-	-	-	-	-	
56	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	253	-	-	-	-	-	-	-	-	
56	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	-	-	-	-	-	-	
56	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	271	-	-	-	-	-	-	-	-	
56	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	259	-	-	-	-	-	-	-	-	
56	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	254	-	-	-	-	-	-	-	-	
56	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	-	-	-	-	-	-	
56	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	253	-	-	-	-	-	-	-	-	
56	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	-	-	-	-	-	-	
56	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	235	-	-	-	-	-	-	-	-	
56	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	AD	-	-	-	-	-	
56	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	AD	-	-	-	-	-	
56	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	286	-	-	AD	-	-	-	-	-	
57	Yes	16-Sep-2019	SOG	Coho	CO0363	Random	0+	308	374	M	-	361	CO0363	Yes	7760	CO0363	
57	Yes	16-Sep-2019	SOG	Coho	CO0364	Random	0+	291	323	F	AD	362	CO0364	Yes	7761	CO0364	
57	Yes	16-Sep-2019	SOG	Coho	CO0365	Random	0+	261	219	F	-	363	CO0365	Yes	7762	CO0365	LEP (gravid)
57	Yes	16-Sep-2019	SOG	Coho	CO0366	Random	0+	245	182	F	-	364	CO0366	Yes	7763	CO0366	
57	Yes	16-Sep-2019	SOG	Coho	CO0367	Random	0+	250	203	F	-	365	CO0367	Yes	7764	CO0367	
57	Yes	16-Sep-2019	SOG	Coho	CO0368	Random	0+	269	250	M	-	366	CO0368	Yes	7765	CO0368	
57	Yes	16-Sep-2019	SOG	Coho	CO0369	Random	0+	282	275	M	-	367	CO0369	Yes	7766	CO0369	
57	Yes	16-Sep-2019	SOG	Coho	CO0370	Random	0+	235	156	F	-	368	CO0370	Yes	7767	CO0370	
57	Yes	16-Sep-2019	SOG	Coho	CO0371	Random	0+	267	253	F	-	369	CO0371	Yes	7768	CO0371	
57	Yes	16-Sep-2019	SOG	Coho	CO0372	Random	0+	244	195	M	-	370	CO0372	Yes	7769	CO0372	
57	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	264	-	-	-	-	-	-	-	-	
57	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	266	-	-	-	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	CO0373	Random	0+	270	252	F	AD	371	CO0373	Yes	7770	CO0373	
58	Yes	16-Sep-2019	SOG	Coho	CO0374	Random	0+	272	246	M	AD	372	CO0374	Yes	7771	CO0374	
58	Yes	16-Sep-2019	SOG	Coho	CO0375	Random	0+	281	265	M	AD	373	CO0375	Yes	7772	CO0375	
58	Yes	16-Sep-2019	SOG	Coho	CO0376	Random	0+	275	275	F	AD	374	CO0376	Yes	7773	CO0376	LEP (male)
58	Yes	16-Sep-2019	SOG	Coho	CO0377	Random	0+	276	274	F	AD	375	CO0377	Yes	7774	CO0377	
58	Yes	16-Sep-2019	SOG	Coho	CO0378	Random	0+	261	240	M	-	376	CO0378	Yes	7775	CO0378	
58	Yes	16-Sep-2019	SOG	Coho	CO0379	Random	0+	273	254	M	-	377	CO0379	Yes	7776	CO0379	
58	Yes	16-Sep-2019	SOG	Coho	CO0380	Random	0+	296	326	M	AD	378	CO0380	Yes	7777	CO0380	LEP (gravid)
58	Yes	16-Sep-2019	SOG	Coho	CO0381	Random	0+	282	319	M	AD	379	CO0381	Yes	7778	CO0381	
58	Yes	16-Sep-2019	SOG	Coho	CO0382	Random	0+	295	329	M	AD	380	CO0382	Yes	7779	CO0382	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
58	Yes	16-Sep-2019	SOG	Coho	CO0383	Random	0+	262	228	M	AD	381	CO0383	Yes	7780	CO0383	
58	Yes	16-Sep-2019	SOG	Coho	CO0384	Random	0+	301	346	F	AD	382	CO0384	Yes	7781	CO0384	VF
58	Yes	16-Sep-2019	SOG	Coho	CO0385	Random	0+	270	260	M	-	383	CO0385	Yes	7782	CO0385	
58	Yes	16-Sep-2019	SOG	Coho	CO0386	Random	0+	242	185	M	-	384	CO0386	Yes	7783	CO0386	
58	Yes	16-Sep-2019	SOG	Coho	CO0387	Random	0+	277	261	F	AD	385	CO0387	Yes	7784	CO0387	
58	Yes	16-Sep-2019	SOG	Coho	CO0388	Select ¹	0+	282	269	M	ADCWT	386	CO0388	Yes	7785	CO0388	LEP (gravid); LEP (male)
58	Yes	16-Sep-2019	SOG	Coho	CO0389	Select ¹	0+	275	289	F	ADCWT	387	CO0389	Yes	7786	CO0389	
58	Yes	16-Sep-2019	SOG	Coho	CO0390	Select ¹	0+	288	315	F	ADCWT	388	CO0390	Yes	7787	CO0390	
58	Yes	16-Sep-2019	SOG	Coho	CO0391	Select ¹	0+	267	236	F	ADCWT	389	CO0391	Yes	7788	CO0391	
58	Yes	16-Sep-2019	SOG	Coho	-	Total	0+	278	-	-	-	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	292	-	-	-	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	-	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	240	-	-	-	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	266	-	-	-	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	266	-	-	-	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	-	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	243	-	-	-	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	252	-	-	-	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	AD	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	285	-	-	AD	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	AD	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	AD	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	AD	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	240	-	-	AD	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	266	-	-	AD	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	266	-	-	AD	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	AD	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	
58	Yes	16-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Coho	CO0392	Total	0+	216	122	F	-	390	CO0392	Yes	7789	CO0392	EIS
59	No	17-Sep-2019	JERV	Coho	CO0393	Total	0+	213	117	M	-	391	CO0393	Yes	7790	CO0393	LEP (female); EIS
59	No	17-Sep-2019	JERV	Coho	CO0394	Total	0+	192	91	F	AD	392	CO0394	Yes	7791	CO0394	LEP (male); EIS
59	No	17-Sep-2019	JERV	Coho	CO0395	Total	0+	334	511	MJ	-	393	CO0395	Yes	7792	CO0395	EIS

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
61	No	17-Sep-2019	JERV	Coho	CO0396	Total	0+	241	179	F	CWT	394	CO0396	Yes	7793	CO0396	LEP (female); EIS
61	No	17-Sep-2019	JERV	Coho	CO0397	Total	0+	236	161	M	-	395	CO0397	Yes	7794	CO0397	EIS
61	No	17-Sep-2019	JERV	Coho	CO0398	Total	0+	190	82	M	-	396	CO0398	Yes	7795	CO0398	LEP (2 female);Skinny; EIS
61	No	17-Sep-2019	JERV	Coho	CO0399	Total	0+	238	173	M	-	397	CO0399	Yes	7796	CO0399	EIS
63	No	17-Sep-2019	JERV	Coho	CO0400	Total	0+	258	222	F	-	398	CO0400	Yes	7797	CO0400	EIS
63	No	17-Sep-2019	JERV	Coho	CO0401	Total	0+	293	242	M	-	399	CO0401	Yes	7798	CO0401	EIS
63	No	17-Sep-2019	JERV	Coho	CO0402	Total	0+	245	185	M	-	400	CO0402	Yes	7819	CO0402	LEP (male); EIS
63	No	17-Sep-2019	JERV	Coho	CO0403	Total	0+	230	152	F	-	401	CO0403	Yes	7820	CO0403	EIS
63	No	17-Sep-2019	JERV	Coho	CO0404	Total	1+	709	4292	F	-	402	CO0404	Yes	7821	CO0404	
65	No	17-Sep-2019	JERV	Coho	CO0405	Total	0+	272	275	-	-	-	-	-	7822	-	
65	No	17-Sep-2019	JERV	Coho	CO0406	Total	0+	220	144	-	-	-	-	-	7823	-	
65	No	17-Sep-2019	JERV	Coho	CO0407	Total	0+	236	162	-	-	-	-	-	7824	-	
66	Yes	18-Sep-2019	SOG	Coho	CO0408	Select ³	0+	317	437	MJ	AD	403	CO0408	Yes	7825	CO0408	
66	Yes	18-Sep-2019	SOG	Coho	CO0409	Random	0+	248	184	F	ADCWT	404	CO0409	Yes	7826	CO0409	LEP (male)
66	Yes	18-Sep-2019	SOG	Coho	CO0410	Random	0+	240	157	F	ADCWT,LPC	405	CO0410	Yes	7827	CO0410	
66	Yes	18-Sep-2019	SOG	Coho	CO0411	Random	0+	245	201	M	-	406	CO0411	Yes	7828	CO0411	
66	Yes	18-Sep-2019	SOG	Coho	CO0412	Random	0+	250	181	M	-	407	CO0412	Yes	7829	CO0412	
66	Yes	18-Sep-2019	SOG	Coho	CO0413	Random	0+	255	217	F	-	408	CO0413	Yes	7830	CO0413	
66	Yes	18-Sep-2019	SOG	Coho	CO0414	Random	0+	251	187	M	-	409	CO0414	Yes	7831	CO0414	
66	Yes	18-Sep-2019	SOG	Coho	CO0415	Random	0+	247	173	F	-	410	CO0415	Yes	7832	CO0415	
66	Yes	18-Sep-2019	SOG	Coho	CO0416	Random	0+	246	181	M	-	411	CO0416	Yes	7833	CO0416	
66	Yes	18-Sep-2019	SOG	Coho	CO0417	Random	0+	240	163	M	-	412	CO0417	Yes	7834	CO0417	BM (5 cm); LEP (female)
66	Yes	18-Sep-2019	SOG	Coho	CO0418	Random	0+	280	279	M	-	413	CO0418	Yes	7835	CO0418	
66	Yes	18-Sep-2019	SOG	Coho	-	Random	0+	238	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Coho	-	Random	0+	257	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Coho	-	Random	0+	236	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Coho	-	Random	0+	232	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Coho	-	Random	0+	245	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Coho	-	Random	0+	256	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Coho	-	Random	0+	236	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Coho	-	Random	0+	232	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Coho	-	Random	0+	220	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Coho	-	Random	0+	230	-	-	AD	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	AD	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Coho	-	Random	0+	286	-	-	AD	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Coho	-	Random	0+	227	-	-	AD	-	-	-	-	-	
67	Yes	18-Sep-2019	SOG	Coho	CO0419	Total	0+	247	191	M	-	414	CO0419	Yes	7836	CO0419	EIS
68	Yes	18-Sep-2019	SOG	Coho	CO0420	Total	0+	263	236	F	AD	415	CO0420	Yes	7837	CO0420	LEP (female)
68	Yes	18-Sep-2019	SOG	Coho	CO0421	Total	0+	221	137	M	-	416	CO0421	Yes	7838	CO0421	LEP (2 male)
68	Yes	18-Sep-2019	SOG	Coho	CO0422	Total	0+	233	162	M	-	417	CO0422	Yes	7839	CO0422	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
68	Yes	18-Sep-2019	SOG	Coho	CO0423	Total	0+	223	132	M	-	418	CO0423	Yes	7840	CO0423	
68	Yes	18-Sep-2019	SOG	Coho	CO0424	Total	0+	231	144	M	-	419	CO0424	Yes	7841	CO0424	LEP (female); CAL (1)
68	Yes	18-Sep-2019	SOG	Coho	CO0425	Total	0+	246	176	F	-	420	CO0425	Yes	7842	CO0425	LEP (gravid)
69	Yes	18-Sep-2019	SOG	Coho	CO0426	Total	0+	246	184	F	-	422	CO0426	Yes	7843	CO0426	
69	Yes	18-Sep-2019	SOG	Coho	CO0427	Total	0+	243	171	F	-	423	CO0427	Yes	7844	CO0427	GC
69	Yes	18-Sep-2019	SOG	Coho	CO0428	Total	0+	245	190	M	-	424	CO0428	Yes	7845	CO0428	
69	Yes	18-Sep-2019	SOG	Coho	CO0429	Total	0+	275	267	F	-	425	CO0429	Yes	7846	CO0429	
69	Yes	18-Sep-2019	SOG	Coho	CO0430	Total	0+	227	148	M	-	426	CO0430	Yes	7847	CO0430	
69	Yes	18-Sep-2019	SOG	Coho	CO0431	Total	0+	240	183	M	-	427	CO0431	Yes	7848	CO0431	
69	Yes	18-Sep-2019	SOG	Coho	CO0432	Total	0+	274	270	M	-	428	CO0432	Yes	7849	CO0432	
69	Yes	18-Sep-2019	SOG	Coho	CO0433	Total	0+	278	256	M	-	429	CO0433	Yes	7850	CO0433	
69	Yes	18-Sep-2019	SOG	Coho	CO0434	Total	0+	220	122	M	-	430	CO0434	Yes	7851	CO0434	
69	Yes	18-Sep-2019	SOG	Coho	CO0435	Total	0+	224	133	M	-	431	CO0435	Yes	7852	CO0435	
69	Yes	18-Sep-2019	SOG	Coho	CO0436	Total	0+	236	160	M	-	432	CO0436	Yes	7853	CO0436	BM (7.5 cm); GC
70	Yes	18-Sep-2019	SOG	Coho	CO0437	Total	0+	233	162	M	-	433	CO0437	Yes	7854	CO0437	
70	Yes	18-Sep-2019	SOG	Coho	CO0438	Total	0+	239	193	M	-	434	CO0438	Yes	7855	CO0438	FH (cysts on kidney, spleen enlarged)
70	Yes	18-Sep-2019	SOG	Coho	CO0439	Total	0+	233	156	F	-	435	CO0439	Yes	7856	CO0439	LEP (2 gravid)
70	Yes	18-Sep-2019	SOG	Coho	CO0440	Total	0+	245	178	F	-	436	CO0440	Yes	7857	CO0440	
70	Yes	18-Sep-2019	SOG	Coho	CO0441	Total	0+	254	194	M	-	437	CO0441	Yes	7858	CO0441	
70	Yes	18-Sep-2019	SOG	Coho	CO0442	Total	0+	185	91	M	-	438	CO0442	Yes	7859	CO0442	
73	Yes	18-Sep-2019	SOG	Coho	CO0443	Total	0+	275	248	F	AD	439	CO0443	Yes	7860	CO0443	LEP (male); EIS
73	Yes	18-Sep-2019	SOG	Coho	CO0444	Total	0+	233	181	F	-	440	CO0444	Yes	7861	CO0444	EIS
73	Yes	18-Sep-2019	SOG	Coho	CO0445	Total	0+	247	192	M	-	441	CO0445	Yes	7862	CO0445	EIS
74	Yes	18-Sep-2019	SOG	Coho	CO0446	Total	0+	276	258	F	ADCWT	442	CO0446	Yes	7863	CO0446	
75	Yes	19-Sep-2019	SOG	Coho	CO0447	Random	0+	305	348	M	ADCWT	443	CO0447	Yes	7864	CO0447	
75	Yes	19-Sep-2019	SOG	Coho	CO0448	Random	0+	305	396	M	ADCWT	444	CO0448	Yes	7865	CO0448	VF
75	Yes	19-Sep-2019	SOG	Coho	CO0449	Random	0+	258	225	F	-	445	CO0449	Yes	7866	CO0449	
75	Yes	19-Sep-2019	SOG	Coho	CO0450	Random	0+	309	391	M	AD	446	CO0450	Yes	7867	CO0450	VF
75	Yes	19-Sep-2019	SOG	Coho	CO0451	Random	0+	280	293	M	-	447	CO0451	Yes	7868	CO0451	
75	Yes	19-Sep-2019	SOG	Coho	CO0452	Random	0+	268	252	M	AD	448	CO0452	Yes	7869	CO0452	BM (3 cm)
75	Yes	19-Sep-2019	SOG	Coho	CO0453	Random	0+	262	234	F	-	449	CO0453	Yes	7870	CO0453	
75	Yes	19-Sep-2019	SOG	Coho	CO0454	Random	0+	312	382	M	AD	450	CO0454	Yes	7871	CO0454	
75	Yes	19-Sep-2019	SOG	Coho	CO0455	Random	0+	280	303	M	-	451	CO0455	Yes	7872	CO0455	
75	Yes	19-Sep-2019	SOG	Coho	CO0456	Random	0+	308	378	MJ	AD	452	CO0456	Yes	7873	CO0456	
75	Yes	19-Sep-2019	SOG	Coho	CO0457	Random	0+	273	259	M	-	453	CO0457	Yes	7874	CO0457	LEP (male)
75	Yes	19-Sep-2019	SOG	Coho	CO0458	Random	0+	245	192	M	-	454	CO0458	Yes	7875	CO0458	CAL
75	Yes	19-Sep-2019	SOG	Coho	CO0459	Random	0+	285	287	F	-	455	CO0459	Yes	7876	CO0459	
75	Yes	19-Sep-2019	SOG	Coho	CO0460	Random	0+	269	254	M	AD	456	CO0460	Yes	7877	CO0460	
75	Yes	19-Sep-2019	SOG	Coho	CO0461	Random	0+	300	347	F	AD	457	CO0461	Yes	7878	CO0461	
75	Yes	19-Sep-2019	SOG	Coho	CO0462	Random	0+	286	314	-	-	458	-	Yes	7879	CO0462	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
75	Yes	19-Sep-2019	SOG	Coho	CO0463	Random	0+	269	275	-	-	459	-	Yes	7880	CO0463	LEP (female, 2))
75	Yes	19-Sep-2019	SOG	Coho	CO0464	Random	0+	258	236	-	AD	460	-	Yes	7881	CO0464	
75	Yes	19-Sep-2019	SOG	Coho	CO0465	Random	0+	270	287	-	-	461	-	Yes	7882	CO0465	
75	Yes	19-Sep-2019	SOG	Coho	CO0466	Random	0+	244	189	-	-	462	-	Yes	7883	CO0466	
75	Yes	19-Sep-2019	SOG	Coho	CO0467	Select ¹	0+	274	274	M	ADCWT	463	CO0467	Yes	7884	CO0467	LEP (male)
75	Yes	19-Sep-2019	SOG	Coho	CO0468	Select ¹	0+	295	353	F	ADCWT	464	CO0468	Yes	7885	CO0468	
75	Yes	19-Sep-2019	SOG	Coho	CO0469	Select ¹	0+	240	184	M	ADCWT	465	CO0469	Yes	7886	CO0469	
75	Yes	19-Sep-2019	SOG	Coho	CO0470	Select ¹	0+	268	254	M	ADCWT	466	CO0470	Yes	7887	CO0470	
75	Yes	19-Sep-2019	SOG	Coho	CO0471	Select ¹	0+	260	222	M	ADCWT	467	CO0471	Yes	7888	CO0471	LEP (male)
75	Yes	19-Sep-2019	SOG	Coho	CO0472	Select ¹	0+	265	267	-	ADCWT	468	-	Yes	7889	CO0472	
75	Yes	19-Sep-2019	SOG	Coho	CO0473	Select ¹	0+	255	209	-	ADCWT	469	-	Yes	7890	CO0473	
75	Yes	19-Sep-2019	SOG	Coho	CO0474	Select ¹	0+	256	217	-	ADCWT	470	-	Yes	7891	CO0474	
75	Yes	19-Sep-2019	SOG	Coho	CO0475	Select ¹	0+	271	265	-	ADCWT	471	-	Yes	7892	CO0475	LEP (2 male)
75	Yes	19-Sep-2019	SOG	Coho	CO0476	Random	0+	266	257	-	-	472	-	Yes	7893	CO0476	
75	Yes	19-Sep-2019	SOG	Coho	CO0477	Select ¹	0+	265	256	-	ADCWT	473	-	Yes	7894	CO0477	
75	Yes	19-Sep-2019	SOG	Coho	CO0478	Select ¹	0+	237	175	-	ADCWT	474	-	Yes	7895	CO0478	LEP (male)
75	Yes	19-Sep-2019	SOG	Coho	CO0479	Total	1+	410	908	F	-	475	CO0479	Yes	7896	CO0479	
75	Yes	19-Sep-2019	SOG	Coho	CO0480	Total	1+	640	3604	M	-	476	CO0480	Yes	7897	CO0480	
75	Yes	19-Sep-2019	SOG	Coho	CO0481	Total	1+	671	4266	M	-	477	CO0481	Yes	7898	CO0481	
75	Yes	19-Sep-2019	SOG	Coho	CO0482	Random	0+	289	308	-	AD	-	-	Yes	7899	-	LEP (male)
75	Yes	19-Sep-2019	SOG	Coho	CO0483	Random	0+	257	227	-	-	-	-	Yes	7900	-	CAL
75	Yes	19-Sep-2019	SOG	Coho	CO0484	Random	0+	295	301	-	AD	-	-	Yes	7901	-	LEP (male)
75	Yes	19-Sep-2019	SOG	Coho	CO0485	Random	0+	258	209	-	-	-	-	Yes	7902	-	BM (7 cm, multiple)
75	Yes	19-Sep-2019	SOG	Coho	CO0486	Random	0+	277	277	-	AD	-	-	Yes	7903	-	
75	Yes	19-Sep-2019	SOG	Coho	CO0487	Random	0+	256	197	-	-	-	-	Yes	7904	-	
75	Yes	19-Sep-2019	SOG	Coho	CO0488	Random	0+	258	225	-	-	-	-	Yes	7905	-	LEP (male)
75	Yes	19-Sep-2019	SOG	Coho	CO0489	Random	0+	270	278	-	-	-	-	Yes	7906	-	
75	Yes	19-Sep-2019	SOG	Coho	CO0490	Random	0+	271	265	-	AD	-	-	Yes	7907	-	
75	Yes	19-Sep-2019	SOG	Coho	CO0491	Random	0+	283	289	-	-	-	-	Yes	7908	-	
75	Yes	19-Sep-2019	SOG	Coho	CO0492	Random	0+	280	302	-	-	-	-	Yes	7909	-	LEP (gravid)
75	Yes	19-Sep-2019	SOG	Coho	CO0493	Random	0+	267	255	-	-	-	-	Yes	7910	-	
75	Yes	19-Sep-2019	SOG	Coho	CO0494	Random	0+	257	231	-	AD	-	-	Yes	7911	-	
75	Yes	19-Sep-2019	SOG	Coho	CO0495	Random	0+	315	413	-	-	-	-	Yes	7912	-	LEP (gravid); LEP (2 male)
75	Yes	19-Sep-2019	SOG	Coho	CO0496	Random	0+	250	207	-	-	-	-	Yes	7913	-	
75	Yes	19-Sep-2019	SOG	Coho	CO0497	Random	0+	239	182	-	-	-	-	Yes	7914	-	
75	Yes	19-Sep-2019	SOG	Coho	CO0498	Random	0+	286	312	-	AD	-	-	Yes	7915	-	
75	Yes	19-Sep-2019	SOG	Coho	CO0499	Random	0+	276	269	-	-	-	-	Yes	7916	-	
75	Yes	19-Sep-2019	SOG	Coho	CO0500	Random	0+	269	247	-	-	-	-	Yes	7917	-	
75	Yes	19-Sep-2019	SOG	Coho	CO0501	Random	0+	303	335	-	-	-	-	Yes	7918	-	LEP (female)

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
75	Yes	19-Sep-2019	SOG	Coho	CO0502	Random	0+	256	216	-	AD	-	-	-	8219	-	
75	Yes	19-Sep-2019	SOG	Coho	CO0503	Random	0+	305	402	-	-	-	-	-	8220	-	
75	Yes	19-Sep-2019	SOG	Coho	CO0504	Random	0+	297	352	-	AD	-	-	-	8221	-	
75	Yes	19-Sep-2019	SOG	Coho	CO0505	Random	0+	326	430	-	AD	-	-	-	8222	-	CAL
75	Yes	19-Sep-2019	SOG	Coho	CO0506	Random	0+	247	191	-	-	-	-	-	8223	-	LEP (female)
75	Yes	19-Sep-2019	SOG	Coho	CO0507	Random	0+	280	289	-	-	-	-	-	8224	-	LEP (female); LEP (male)
75	Yes	19-Sep-2019	SOG	Coho	CO0508	Random	0+	303	373	-	-	-	-	-	8225	-	LEP (male)
75	Yes	19-Sep-2019	SOG	Coho	CO0509	Random	0+	272	261	-	-	-	-	-	8226	-	
75	Yes	19-Sep-2019	SOG	Coho	CO0510	Random	0+	245	171	-	-	-	-	-	8227	-	
75	Yes	19-Sep-2019	SOG	Coho	CO0511	Random	0+	287	288	-	-	-	-	-	8228	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	256	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	236	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	242	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	258	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	281	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	248	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	258	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	259	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	271	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	252	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	263	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	342	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	242	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	220	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	242	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	246	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	235	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	259	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	278	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	278	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	239	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	246	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	248	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	230	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	248	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	286	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	240	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	305	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	264	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	289	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	294	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	284	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	304	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	288	-	-	AD	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	278	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	294	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	298	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	278	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	271	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	242	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	274	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	288	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	273	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	288	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	256	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	254	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	264	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	AD	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	291	-	-	AD	-	-	-	-	-	
76	Yes	19-Sep-2019	SOG	Coho	CO0512	Random	0+	250	181	M	ADCWT	478	CO0512	Yes	8229	CO0512	
76	Yes	19-Sep-2019	SOG	Coho	CO0513	Random	0+	281	257	F	ADCWT	479	CO0513	Yes	8230	CO0513	
76	Yes	19-Sep-2019	SOG	Coho	CO0514	Random	0+	279	236	M	-	480	CO0514	Yes	8231	CO0514	GC
76	Yes	19-Sep-2019	SOG	Coho	CO0515	Random	0+	289	291	F	-	481	CO0515	Yes	8232	CO0515	LEP (male)
76	Yes	19-Sep-2019	SOG	Coho	CO0516	Random	0+	260	212	M	-	482	CO0516	Yes	8233	CO0516	
76	Yes	19-Sep-2019	SOG	Coho	CO0517	Random	0+	288	304	F	-	483	CO0517	Yes	8234	CO0517	
76	Yes	19-Sep-2019	SOG	Coho	CO0518	Random	0+	275	268	F	-	484	CO0518	Yes	8235	CO0518	LEP (male)
76	Yes	19-Sep-2019	SOG	Coho	CO0519	Random	0+	281	265	M	-	485	CO0519	Yes	8236	CO0519	
76	Yes	19-Sep-2019	SOG	Coho	CO0520	Random	0+	259	189	M	-	486	CO0520	Yes	8237	CO0520	
76	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	-	-	-	-	-	-	
76	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	-	-	-	-	-	-	
76	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	-	-	-	-	-	-	
76	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	-	-	-	-	-	-	
76	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	245	-	-	-	-	-	-	-	-	
76	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	286	-	-	AD	-	-	-	-	-	
76	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
76	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	285	-	-	-	-	-	-	-	-	
76	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	278	-	-	AD	-	-	-	-	-	
76	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
76	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	-	-	-	-	-	-	
77	Yes	19-Sep-2019	SOG	Coho	CO0521	Total	0+	305	371	M	AD	487	CO0521	Yes	8238	CO0521	
77	Yes	19-Sep-2019	SOG	Coho	CO0522	Total	0+	265	215	M	AD	488	CO0522	Yes	8239	CO0522	
77	Yes	19-Sep-2019	SOG	Coho	CO0523	Total	0+	286	289	M	-	489	CO0523	Yes	8240	CO0523	
77	Yes	19-Sep-2019	SOG	Coho	CO0524	Total	0+	299	360	F	AD	490	CO0524	Yes	8241	CO0524	
77	Yes	19-Sep-2019	SOG	Coho	CO0525	Total	0+	283	305	M	-	491	CO0525	Yes	8242	CO0525	
77	Yes	19-Sep-2019	SOG	Coho	CO0526	Total	0+	271	259	F	-	492	CO0526	Yes	8243	CO0526	
77	Yes	19-Sep-2019	SOG	Coho	CO0527	Total	0+	280	302	F	AD	493	CO0527	Yes	8244	CO0527	LEP (male)
77	Yes	19-Sep-2019	SOG	Coho	CO0528	Total	0+	270	240	M	-	494	CO0528	Yes	8245	CO0528	
77	Yes	19-Sep-2019	SOG	Coho	CO0529	Total	0+	316	419	M	-	495	CO0529	Yes	8246	CO0529	VF
77	Yes	19-Sep-2019	SOG	Coho	CO0530	Total	0+	291	323	M	-	496	CO0530	Yes	8247	CO0530	BM (4 cm); VF
77	Yes	19-Sep-2019	SOG	Coho	CO0531	Total	1+	482	1295	M	-	497	CO0531	Yes	8248	CO0531	VF
78	Yes	19-Sep-2019	SOG	Coho	CO0532	Random	0+	290	311	F	ADCWT	498	CO0532	Yes	8249	CO0532	
78	Yes	19-Sep-2019	SOG	Coho	CO0533	Random	0+	311	401	M	ADCWT	499	CO0533	Yes	8250	CO0533	VF
78	Yes	19-Sep-2019	SOG	Coho	CO0534	Random	0+	278	276	F	ADCWT	500	CO0534	Yes	8251	CO0534	VF
78	Yes	19-Sep-2019	SOG	Coho	CO0535	Random	0+	278	278	M	-	501	CO0535	Yes	8252	CO0535	
78	Yes	19-Sep-2019	SOG	Coho	CO0536	Random	0+	281	293	F	-	502	CO0536	Yes	8253	CO0536	LEP (female); LEP (male)
78	Yes	19-Sep-2019	SOG	Coho	CO0537	Random	0+	281	286	M	-	503	CO0537	Yes	8254	CO0537	
78	Yes	19-Sep-2019	SOG	Coho	CO0538	Random	0+	264	225	M	-	504	CO0538	Yes	8255	CO0538	
78	Yes	19-Sep-2019	SOG	Coho	CO0539	Random	0+	268	230	M	-	505	CO0539	Yes	8256	CO0539	LEP (2 male)
78	Yes	19-Sep-2019	SOG	Coho	CO0540	Random	0+	300	307	F	-	506	CO0540	Yes	8257	CO0540	LEP (male); CAL (1)
78	Yes	19-Sep-2019	SOG	Coho	CO0541	Random	0+	299	346	M	-	507	CO0541	Yes	8258	CO0541	CAL; VF
78	Yes	19-Sep-2019	SOG	Coho	CO0542	Random	0+	298	344	F	-	508	CO0542	Yes	8259	CO0542	VF
78	Yes	19-Sep-2019	SOG	Coho	CO0543	Random	0+	264	217	F	-	509	CO0543	Yes	8260	CO0543	
78	Yes	19-Sep-2019	SOG	Coho	CO0544	Random	0+	296	309	F	-	510	CO0544	Yes	8261	CO0544	VF
78	Yes	19-Sep-2019	SOG	Coho	CO0545	Random	0+	299	314	M	AD	511	CO0545	Yes	8262	CO0545	
78	Yes	19-Sep-2019	SOG	Coho	CO0546	Random	0+	270	246	F	AD	512	CO0546	Yes	8263	CO0546	
78	Yes	19-Sep-2019	SOG	Coho	CO0547	Select ¹	0+	277	265	F	ADCWT	513	CO0547	Yes	8264	CO0547	
78	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	286	-	-	-	-	-	-	-	-	
78	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	301	-	-	-	-	-	-	-	-	
78	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	277	-	-	-	-	-	-	-	-	
78	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	
78	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	-	-	-	-	-	-	
78	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
78	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	285	-	-	-	-	-	-	-	-	
79	Yes	19-Sep-2019	SOG	Coho	CO0548	Total	0+	320	424	M	ADCWT	514	CO0548	-	8265	CO0548	CAL; VF
79	Yes	19-Sep-2019	SOG	Coho	CO0549	Total	0+	319	429	MJ	AD	515	CO0549	Yes	8266	CO0549	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
79	Yes	19-Sep-2019	SOG	Coho	CO0550	Total	0+	290	295	F	-	516	CO0550	Yes	8267	CO0550	
79	Yes	19-Sep-2019	SOG	Coho	CO0551	Total	0+	271	246	F	-	517	CO0551	-	8268	CO0551	
79	Yes	19-Sep-2019	SOG	Coho	CO0552	Total	0+	288	296	F	AD	518	CO0552	Yes	8269	CO0552	
79	Yes	19-Sep-2019	SOG	Coho	CO0553	Total	0+	286	301	F	-	519	CO0553	-	8270	CO0553	VF
79	Yes	19-Sep-2019	SOG	Coho	CO0554	Total	0+	271	251	M	-	520	CO0554	Yes	8271	CO0554	
79	Yes	19-Sep-2019	SOG	Coho	CO0555	Total	0+	255	202	F	-	521	CO0555	Yes	8272	CO0555	Cyts (stomach)
79	Yes	19-Sep-2019	SOG	Coho	CO0556	Total	0+	262	228	F	AD	522	CO0556	Yes	8273	CO0556	
79	Yes	19-Sep-2019	SOG	Coho	CO0557	Total	0+	271	250	F	-	523	CO0557	Yes	8274	CO0557	
79	Yes	19-Sep-2019	SOG	Coho	CO0558	Total	0+	268	248	M	-	524	CO0558	Yes	8275	CO0558	
79	Yes	19-Sep-2019	SOG	Coho	CO0559	Total	1+	545	2585	M	-	525	CO0559	Yes	8276	CO0559	
80	Yes	19-Sep-2019	SOG	Coho	CO0560	Total	0+	275	267	F	ADCWT	526	CO0560	Yes	8277	CO0560	LEP (female); EIS
80	Yes	19-Sep-2019	SOG	Coho	CO0561	Total	0+	300	357	M	AD	527	CO0561	Yes	8278	CO0561	EIS
80	Yes	19-Sep-2019	SOG	Coho	CO0563	Total	0+	271	252	F	-	529	CO0563	Yes	8279	CO0563	EIS
80	Yes	19-Sep-2019	SOG	Coho	CO0564	Total	0+	284	280	M	-	530	CO0564	Yes	8280	CO0564	EIS
80	Yes	19-Sep-2019	SOG	Coho	CO0565	Total	0+	277	268	M	AD	531	CO0565	Yes	8281	CO0565	
80	Yes	19-Sep-2019	SOG	Coho	CO0566	Total	0+	298	318	M	AD	532	CO0566	Yes	8282	CO0566	
80	Yes	19-Sep-2019	SOG	Coho	CO0567	Total	0+	272	247	M	-	533	CO0567	Yes	8283	CO0567	
80	Yes	19-Sep-2019	SOG	Coho	CO0568	Total	0+	270	241	F	-	534	CO0568	Yes	8284	CO0568	
80	Yes	19-Sep-2019	SOG	Coho	CO0569	Total	0+	293	298	M	-	535	CO0569	Yes	8285	CO0569	LEP (male)
80	Yes	19-Sep-2019	SOG	Coho	CO0570	Total	0+	280	293	F	-	536	CO0570	Yes	8286	CO0570	VF
80	Yes	19-Sep-2019	SOG	Coho	CO0571	Total	0+	289	320	M	-	537	CO0571	Yes	8287	CO0571	LEP (gravid)
81	Yes	19-Sep-2019	SOG	Coho	CO0572	Random	0+	315	416	F	ADCWT	538	CO0572	Yes	8288	CO0572	
81	Yes	19-Sep-2019	SOG	Coho	CO0573	Random	0+	290	301	F	ADCWT	539	CO0573	Yes	8289	CO0573	VF
81	Yes	19-Sep-2019	SOG	Coho	CO0574	Random	0+	303	357	F	AD	540	CO0574	Yes	8290	CO0574	VF
81	Yes	19-Sep-2019	SOG	Coho	CO0575	Random	0+	298	369	M	AD	541	CO0575	Yes	8291	CO0575	VF
81	Yes	19-Sep-2019	SOG	Coho	CO0576	Random	0+	260	230	F	-	542	CO0576	Yes	8292	CO0576	LEP (female)
81	Yes	19-Sep-2019	SOG	Coho	CO0577	Random	0+	286	301	F	-	543	CO0577	Yes	8293	CO0577	
81	Yes	19-Sep-2019	SOG	Coho	CO0578	Random	0+	286	284	M	-	544	CO0578	Yes	8294	CO0578	
81	Yes	19-Sep-2019	SOG	Coho	CO0579	Random	0+	264	246	F	-	545	CO0579	Yes	8295	CO0579	
81	Yes	19-Sep-2019	SOG	Coho	CO0580	Random	0+	305	382	F	AD	546	CO0580	Yes	8296	CO0580	
81	Yes	19-Sep-2019	SOG	Coho	CO0581	Random	0+	383	370	F	AD	547	CO0581	Yes	8297	CO0581	CAL, Age determination from scale
81	Yes	19-Sep-2019	SOG	Coho	CO0582	Random	0+	301	392	-	-	548	-	Yes	8298	CO0582	
81	Yes	19-Sep-2019	SOG	Coho	CO0583	Random	0+	310	401	-	-	549	-	Yes	8299	CO0583	LEP (female)
81	Yes	19-Sep-2019	SOG	Coho	CO0584	Random	0+	274	251	-	-	550	-	Yes	8300	CO0584	
81	Yes	19-Sep-2019	SOG	Coho	CO0585	Random	0+	296	349	-	-	551	-	Yes	8301	CO0585	
81	Yes	19-Sep-2019	SOG	Coho	CO0586	Random	0+	284	295	-	-	552	-	Yes	8302	CO0586	LEP (gravid)
81	Yes	19-Sep-2019	SOG	Coho	CO0587	Random	0+	295	360	-	-	553	-	Yes	8303	CO0587	
81	Yes	19-Sep-2019	SOG	Coho	CO0588	Random	0+	289	306	-	AD	554	-	Yes	8304	CO0588	
81	Yes	19-Sep-2019	SOG	Coho	CO0589	Random	0+	331	523	MJ	-	555	-	Yes	8305	CO0589	
81	Yes	19-Sep-2019	SOG	Coho	CO0590	Random	0+	293	292	M	-	556	-	Yes	8306	CO0590	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
81	Yes	19-Sep-2019	SOG	Coho	CO0591	Random	0+	283	288	F	-	557	-	Yes	8307	CO0591	
81	Yes	19-Sep-2019	SOG	Coho	CO0592	Select ¹	0+	296	322	F	ADCWT	558	CO0592	Yes	8308	CO0592	CAL; VF
81	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	303	-	-	-	-	-	-	-	-	
81	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	298	-	-	-	-	-	-	-	-	
81	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	-	-	-	-	-	-	
81	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	
81	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	301	-	-	-	-	-	-	-	-	
81	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	-	-	-	-	-	-	
81	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	257	-	-	-	-	-	-	-	-	
81	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	308	-	-	AD	-	-	-	-	-	
81	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	AD	-	-	-	-	-	
81	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	308	-	-	AD	-	-	-	-	-	
81	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	AD	-	-	-	-	-	
82	Yes	19-Sep-2019	SOG	Coho	CO0593	Total	0+	330	486	MJ	AD	559	CO0593	Yes	8309	CO0593	EIS
82	Yes	19-Sep-2019	SOG	Coho	CO0594	Total	0+	310	384	M	-	560	CO0594	Yes	8310	CO0594	EIS
82	Yes	19-Sep-2019	SOG	Coho	CO0595	Total	0+	302	365	M	-	561	CO0595	Yes	8311	CO0595	VF; EIS
82	Yes	19-Sep-2019	SOG	Coho	CO0596	Total	0+	286	295	F	-	562	CO0596	Yes	8312	CO0596	VF; EIS
83	Yes	19-Sep-2019	SOG	Coho	CO0597	Random	0+	284	289	F	ADCWT	563	CO0597	Yes	8313	CO0597	LEP (male); VF
83	Yes	19-Sep-2019	SOG	Coho	CO0598	Random	0+	321	419	F	ADCWT	564	CO0598	Yes	8314	CO0598	VF
83	Yes	19-Sep-2019	SOG	Coho	CO0599	Random	0+	281	263	F	-	565	CO0599	Yes	8315	CO0599	
83	Yes	19-Sep-2019	SOG	Coho	CO0600	Random	0+	312	386	F	AD	566	CO0600	Yes	8316	CO0600	
83	Yes	19-Sep-2019	SOG	Coho	CO0601	Random	0+	275	254	M	AD	567	CO0601	Yes	8317	CO0601	VF
83	Yes	19-Sep-2019	SOG	Coho	CO0602	Random	0+	290	286	M	-	568	CO0602	Yes	7919	CO0602	VF
83	Yes	19-Sep-2019	SOG	Coho	CO0603	Random	0+	280	271	F	AD	569	CO0603	Yes	7920	CO0603	VF
83	Yes	19-Sep-2019	SOG	Coho	CO0604	Random	0+	290	312	M	-	570	CO0604	Yes	7921	CO0604	LEP (male); CAL (1); VF
83	Yes	19-Sep-2019	SOG	Coho	CO0605	Random	0+	311	426	F	AD	571	CO0605	Yes	7922	CO0605	VF
83	Yes	19-Sep-2019	SOG	Coho	CO0606	Random	0+	320	423	F	AD	572	CO0606	Yes	7923	CO0606	LEP (female)
83	Yes	19-Sep-2019	SOG	Coho	CO0607	Random	0+	324	423	M	-	573	CO0607	Yes	7924	CO0607	
83	Yes	19-Sep-2019	SOG	Coho	CO0608	Random	0+	276	257	M	-	574	CO0608	Yes	7925	CO0608	
83	Yes	19-Sep-2019	SOG	Coho	CO0609	Random	0+	291	326	F	AD	575	CO0609	-	7926	CO0609	
83	Yes	19-Sep-2019	SOG	Coho	CO0610	Random	0+	290	298	F	-	576	CO0610	Yes	7927	CO0610	
83	Yes	19-Sep-2019	SOG	Coho	CO0611	Random	0+	298	336	F	-	577	CO0611	Yes	7928	CO0611	
83	Yes	19-Sep-2019	SOG	Coho	CO0612	Random	0+	274	263	F	-	578	CO0612	Yes	7929	CO0612	
83	Yes	19-Sep-2019	SOG	Coho	CO0613	Random	0+	284	303	F	AD	579	CO0613	Yes	7930	CO0613	VF
83	Yes	19-Sep-2019	SOG	Coho	CO0614	Random	0+	272	275	M	-	580	CO0614	Yes	7931	CO0614	VF
83	Yes	19-Sep-2019	SOG	Coho	CO0615	Random	0+	279	277	F	AD	581	CO0615	Yes	7932	CO0615	
83	Yes	19-Sep-2019	SOG	Coho	CO0616	Random	0+	278	271	F	-	582	CO0616	Yes	7933	CO0616	
83	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	
83	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
83	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
83	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
83	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	301	-	-	AD	-	-	-	-	-	
83	Yes	19-Sep-2019	SOG	Coho	-	Random	0+	274	-	-	AD	-	-	-	-	-	
84	Yes	19-Sep-2019	SOG	Coho	CO0617	Total	0+	289	286	F	-	583	CO0617	Yes	7934	CO0617	
84	Yes	19-Sep-2019	SOG	Coho	CO0618	Total	0+	268	213	M	-	584	CO0618	Yes	7935	CO0618	
84	Yes	19-Sep-2019	SOG	Coho	CO0619	Total	0+	274	238	M	-	585	CO0619	Yes	7936	CO0619	ABR (RV2)
84	Yes	19-Sep-2019	SOG	Coho	CO0620	Total	0+	290	296	F	AD	586	CO0620	Yes	7937	CO0620	
84	Yes	19-Sep-2019	SOG	Coho	CO0621	Total	0+	283	299	M	AD	587	CO0621	Yes	7938	CO0621	
84	Yes	19-Sep-2019	SOG	Coho	CO0622	Total	0+	291	278	F	AD	588	CO0622	Yes	7939	CO0622	
85	Yes	20-Sep-2019	SOG	Coho	CO0623	Random	0+	288	308	F	ADCWT	589	CO0623	-	7940	CO0623	LEP (gravid); CAL
85	Yes	20-Sep-2019	SOG	Coho	CO0624	Random	0+	252	179	F	-	590	CO0624	-	7941	CO0624	
85	Yes	20-Sep-2019	SOG	Coho	CO0625	Random	0+	260	235	F	-	591	CO0625	-	7942	CO0625	LEP (male)
85	Yes	20-Sep-2019	SOG	Coho	CO0626	Random	0+	275	283	M	-	592	CO0626	-	7943	CO0626	
85	Yes	20-Sep-2019	SOG	Coho	CO0627	Random	0+	272	261	F	AD	593	CO0627	-	7944	CO0627	LEP (gravid)
85	Yes	20-Sep-2019	SOG	Coho	CO0628	Random	0+	262	240	F	-	594	CO0628	-	7945	CO0628	LEP (male)
85	Yes	20-Sep-2019	SOG	Coho	CO0629	Random	0+	260	217	M	-	595	CO0629	-	7946	CO0629	
85	Yes	20-Sep-2019	SOG	Coho	CO0630	Random	0+	277	252	F	-	596	CO0630	-	7947	CO0630	
85	Yes	20-Sep-2019	SOG	Coho	CO0631	Random	0+	253	196	M	-	597	CO0631	-	7948	CO0631	
85	Yes	20-Sep-2019	SOG	Coho	CO0632	Random	0+	270	224	F	-	598	CO0632	-	7949	CO0632	
85	Yes	20-Sep-2019	SOG	Coho	CO0633	Random	0+	285	275	-	-	599	-	-	7950	CO0633	LEP (male)
85	Yes	20-Sep-2019	SOG	Coho	CO0634	Random	0+	246	179	-	-	600	-	-	7951	CO0634	
85	Yes	20-Sep-2019	SOG	Coho	CO0635	Random	0+	266	237	-	-	601	-	-	7952	CO0635	GC
85	Yes	20-Sep-2019	SOG	Coho	CO0636	Random	0+	268	265	-	AD	602	-	-	7953	CO0636	LEP (female)
85	Yes	20-Sep-2019	SOG	Coho	CO0637	Random	0+	274	246	-	-	603	-	-	7954	CO0637	
85	Yes	20-Sep-2019	SOG	Coho	CO0638	Random	0+	275	285	-	-	604	-	-	7955	CO0638	
85	Yes	20-Sep-2019	SOG	Coho	CO0639	Random	0+	273	260	-	AD	605	-	-	7956	CO0639	
85	Yes	20-Sep-2019	SOG	Coho	CO0640	Random	0+	270	250	-	-	606	-	-	7957	CO0640	
85	Yes	20-Sep-2019	SOG	Coho	CO0641	Random	0+	270	267	-	AD	607	-	-	7958	CO0641	LEP (male)
85	Yes	20-Sep-2019	SOG	Coho	CO0642	Random	0+	280	306	-	-	608	-	-	7959	CO0642	
85	Yes	20-Sep-2019	SOG	Coho	CO0643	Select ¹	0+	293	318	F	ADCWT	609	CO0643	-	7960	CO0643	
85	Yes	20-Sep-2019	SOG	Coho	CO0644	Select ¹	0+	277	250	M	ADCWT	610	CO0644	-	7961	CO0644	
85	Yes	20-Sep-2019	SOG	Coho	CO0645	Select ¹	0+	275	276	M	ADCWT	611	CO0645	-	7962	CO0645	
85	Yes	20-Sep-2019	SOG	Coho	CO0646	Select ¹	0+	261	227	F	ADCWT	612	CO0646	-	7963	CO0646	LAC
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	276	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	288	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	279	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	232	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	288	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	252	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	264	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	269	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	224	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	248	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	269	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	283	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	293	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	230	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	240	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	242	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	258	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	AD	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	273	-	-	AD	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	AD	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	302	-	-	AD	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	305	-	-	AD	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	286	-	-	AD	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	274	-	-	AD	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	311	-	-	AD	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	AD	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	299	-	-	AD	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	278	-	-	AD	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	281	-	-	AD	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	AD	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	AD	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	284	-	-	AD	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	283	-	-	AD	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	274	-	-	AD	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	266	-	-	AD	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	AD	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	284	-	-	AD	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	AD	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	AD	-	-	-	-	-	
86	Yes	20-Sep-2019	SOG	Coho	CO0647	Total	0+	366	651	MJ	-	613	CO0647	Yes	7964	CO0647	Age determination from scale
87	Yes	20-Sep-2019	SOG	Coho	CO0648	Random	0+	303	340	F	ADCWT	614	CO0648	Yes	7965	CO0648	
87	Yes	20-Sep-2019	SOG	Coho	CO0649	Random	0+	300	326	F	AD	615	CO0649	Yes	7966	CO0649	
87	Yes	20-Sep-2019	SOG	Coho	CO0650	Random	0+	274	253	-	-	616	CO0650	Yes	7967	CO0650	
87	Yes	20-Sep-2019	SOG	Coho	CO0651	Random	0+	265	206	M	-	617	CO0651	Yes	7968	CO0651	
87	Yes	20-Sep-2019	SOG	Coho	CO0652	Random	0+	288	305	F	-	618	CO0652	Yes	7969	CO0652	
87	Yes	20-Sep-2019	SOG	Coho	CO0653	Random	0+	285	288	F	AD	619	CO0653	Yes	7970	CO0653	
87	Yes	20-Sep-2019	SOG	Coho	CO0654	Random	0+	295	318	F	-	620	CO0654	Yes	7971	CO0654	
87	Yes	20-Sep-2019	SOG	Coho	CO0655	Random	0+	298	325	M	AD	621	CO0655	Yes	7972	CO0655	
87	Yes	20-Sep-2019	SOG	Coho	CO0656	Random	0+	250	181	M	-	622	CO0656	Yes	7973	CO0656	
87	Yes	20-Sep-2019	SOG	Coho	CO0657	Random	0+	305	362	M	ADCWT	623	CO0657	Yes	7974	CO0657	
87	Yes	20-Sep-2019	SOG	Coho	CO0658	Random	0+	282	306	F	-	624	CO0658	Yes	7975	CO0658	
87	Yes	20-Sep-2019	SOG	Coho	CO0659	Random	0+	272	248	F	AD	625	CO0659	Yes	7976	CO0659	LEP (gravid)
87	Yes	20-Sep-2019	SOG	Coho	CO0660	Random	0+	302	400	F	-	626	CO0660	Yes	7977	CO0660	
87	Yes	20-Sep-2019	SOG	Coho	CO0661	Random	0+	269	258	F	-	627	CO0661	Yes	7978	CO0661	LEP (male)
87	Yes	20-Sep-2019	SOG	Coho	CO0662	Random	0+	285	294	M	-	628	CO0662	Yes	7979	CO0662	
87	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	-	-	-	-	-	-	
87	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	237	-	-	-	-	-	-	-	-	
87	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	285	-	-	-	-	-	-	-	-	
87	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	277	-	-	AD	-	-	-	-	-	
87	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Coho	CO0663	Total	1+	618	2960	F	-	629	CO0663	Yes	7980	CO0663	
88	Yes	20-Sep-2019	SOG	Coho	CO0664	Random	0+	267	242	F	-	630	CO0664	Yes	7981	CO0664	LEP (male)
88	Yes	20-Sep-2019	SOG	Coho	CO0665	Random	0+	252	210	F	AD	631	CO0665	Yes	7982	CO0665	
88	Yes	20-Sep-2019	SOG	Coho	CO0666	Random	0+	263	240	M	-	632	CO0666	Yes	7983	CO0666	
88	Yes	20-Sep-2019	SOG	Coho	CO0667	Random	0+	270	264	F	AD	633	CO0667	Yes	7984	CO0667	
88	Yes	20-Sep-2019	SOG	Coho	CO0668	Random	0+	259	221	F	ADCWT	634	CO0668	Yes	7985	CO0668	
88	Yes	20-Sep-2019	SOG	Coho	CO0669	Random	0+	275	266	M	-	635	CO0669	Yes	7986	CO0669	
88	Yes	20-Sep-2019	SOG	Coho	CO0670	Random	0+	277	253	M	AD	636	CO0670	Yes	7987	CO0670	LEP (male); VF
88	Yes	20-Sep-2019	SOG	Coho	CO0671	Random	0+	246	192	F	-	637	CO0671	Yes	7988	CO0671	
88	Yes	20-Sep-2019	SOG	Coho	CO0672	Random	0+	285	290	M	-	638	CO0672	Yes	7989	CO0672	
88	Yes	20-Sep-2019	SOG	Coho	CO0673	Random	0+	253	192	F	-	639	CO0673	Yes	7990	CO0673	
88	Yes	20-Sep-2019	SOG	Coho	CO0674	Random	0+	260	220	M	-	640	CO0674	Yes	7991	CO0674	
88	Yes	20-Sep-2019	SOG	Coho	CO0675	Random	0+	284	290	F	-	641	CO0675	Yes	7992	CO0675	
88	Yes	20-Sep-2019	SOG	Coho	CO0676	Random	0+	280	270	M	-	642	CO0676	Yes	7993	CO0676	
88	Yes	20-Sep-2019	SOG	Coho	CO0677	Random	0+	270	242	F	-	643	CO0677	Yes	7994	CO0677	BM (3.5 cm)

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
88	Yes	20-Sep-2019	SOG	Coho	CO0678	Random	0+	254	194	M	-	644	CO0678	Yes	7995	CO0678	
88	Yes	20-Sep-2019	SOG	Coho	CO0679	Select ³	0+	210	115	M	-	645	CO0679	Yes	7996	CO0679	
88	Yes	20-Sep-2019	SOG	Coho	CO0680	Select ³	0+	222	136	M	-	646	CO0680	Yes	7997	CO0680	
88	Yes	20-Sep-2019	SOG	Coho	CO0681	Select ³	0+	274	269	F	AD	647	CO0681	Yes	7998	CO0681	W (RD1, deep)
88	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	246	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	226	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	251	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	257	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	285	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	235	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	AD	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	276	-	-	AD	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	AD	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	292	-	-	AD	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	266	-	-	AD	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	278	-	-	AD	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	AD	-	-	-	-	-	
89	Yes	20-Sep-2019	SOG	Coho	CO0682	Total	0+	258	211	M	CWT	648	CO0682	Yes	7999	CO0682	
89	Yes	20-Sep-2019	SOG	Coho	CO0683	Total	0+	237	155	F	-	649	CO0683	Yes	8000	CO0683	ABR (V2, 2 cm)
90	Yes	20-Sep-2019	SOG	Coho	CO0684	Random	0+	299	376	M	CWT	650	CO0684	Yes	8001	CO0684	EIS
90	Yes	20-Sep-2019	SOG	Coho	CO0685	Random	0+	294	297	M	AD	651	CO0685	Yes	8002	CO0685	EIS
90	Yes	20-Sep-2019	SOG	Coho	CO0686	Random	0+	288	287	M	AD	652	CO0686	Yes	8003	CO0686	W (left Branchiostical); EIS
90	Yes	20-Sep-2019	SOG	Coho	CO0687	Random	0+	291	304	M	-	653	CO0687	Yes	8004	CO0687	EIS
90	Yes	20-Sep-2019	SOG	Coho	CO0688	Random	0+	295	324	F	-	654	CO0688	Yes	8005	CO0688	EIS
90	Yes	20-Sep-2019	SOG	Coho	CO0689	Random	0+	314	403	F	AD	655	CO0689	Yes	8006	CO0689	LEP (gravid); VF
90	Yes	20-Sep-2019	SOG	Coho	CO0690	Random	0+	288	315	F	-	656	CO0690	Yes	8007	CO0690	LEP (male)
90	Yes	20-Sep-2019	SOG	Coho	CO0691	Random	0+	290	324	M	AD	657	CO0691	Yes	8008	CO0691	
90	Yes	20-Sep-2019	SOG	Coho	CO0692	Random	0+	280	243	F	-	658	CO0692	Yes	8009	CO0692	
90	Yes	20-Sep-2019	SOG	Coho	CO0693	Random	0+	270	256	F	-	659	CO0693	Yes	8010	CO0693	LEP (female)
90	Yes	20-Sep-2019	SOG	Coho	CO0694	Random	0+	301	344	F	-	660	CO0694	Yes	8011	CO0694	VF
90	Yes	20-Sep-2019	SOG	Coho	CO0695	Random	0+	275	276	F	-	661	CO0695	Yes	8012	CO0695	
90	Yes	20-Sep-2019	SOG	Coho	CO0696	Random	0+	286	282	F	-	662	CO0696	Yes	8013	CO0696	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
90	Yes	20-Sep-2019	SOG	Coho	CO0697	Random	0+	282	259	M	-	663	CO0697	Yes	8014	CO0697	Skinny
90	Yes	20-Sep-2019	SOG	Coho	CO0698	Random	0+	263	236	F	-	664	CO0698	Yes	8015	CO0698	
90	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	298	-	-	-	-	-	-	-	-	
90	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	-	-	-	-	-	-	
90	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	305	-	-	AD	-	-	-	-	-	
90	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	271	-	-	AD	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	CO0699	Total	1+	475	1375	M	-	665	CO0699	Yes	8016	CO0699	
91	Yes	20-Sep-2019	SOG	Coho	CO0700	Random	0+	289	300	M	-	666	CO0700	Yes	8017	CO0700	
91	Yes	20-Sep-2019	SOG	Coho	CO0701	Random	0+	302	329	F	AD	667	CO0701	Yes	8018	CO0701	VF
91	Yes	20-Sep-2019	SOG	Coho	CO0702	Random	0+	263	226	F	-	668	CO0702	Yes	8119	CO0702	
91	Yes	20-Sep-2019	SOG	Coho	CO0703	Random	0+	272	249	M	-	669	CO0703	Yes	8120	CO0703	
91	Yes	20-Sep-2019	SOG	Coho	CO0704	Random	0+	289	309	F	-	670	CO0704	Yes	8121	CO0704	
91	Yes	20-Sep-2019	SOG	Coho	CO0705	Random	0+	307	360	M	-	671	CO0705	Yes	8122	CO0705	
91	Yes	20-Sep-2019	SOG	Coho	CO0706	Random	0+	288	315	F	AD	672	CO0706	Yes	8123	CO0706	LEP (gravid); VF
91	Yes	20-Sep-2019	SOG	Coho	CO0707	Random	0+	292	286	F	-	673	CO0707	Yes	8124	CO0707	LEP (male); VF
91	Yes	20-Sep-2019	SOG	Coho	CO0708	Random	0+	298	320	F	AD	674	CO0708	Yes	8125	CO0708	VF
91	Yes	20-Sep-2019	SOG	Coho	CO0709	Random	0+	298	335	F	AD	675	CO0709	Yes	8126	CO0709	LEP (2 gravid)
91	Yes	20-Sep-2019	SOG	Coho	CO0710	Random	0+	304	337	M	-	676	CO0710	Yes	8127	CO0710	
91	Yes	20-Sep-2019	SOG	Coho	CO0711	Random	0+	280	259	F	AD	677	CO0711	Yes	8128	CO0711	VF
91	Yes	20-Sep-2019	SOG	Coho	CO0712	Random	0+	294	342	F	AD	678	CO0712	Yes	8129	CO0712	VF
91	Yes	20-Sep-2019	SOG	Coho	CO0713	Random	0+	276	277	M	-	679	CO0713	Yes	8130	CO0713	
91	Yes	20-Sep-2019	SOG	Coho	CO0714	Random	0+	308	356	F	-	680	CO0714	Yes	8131	CO0714	
91	Yes	20-Sep-2019	SOG	Coho	CO0715	Random	0+	337	482	M	-	681	CO0715	Yes	8132	CO0715	LEP (female); VF
91	Yes	20-Sep-2019	SOG	Coho	CO0716	Random	0+	282	285	F	-	682	CO0716	Yes	8133	CO0716	
91	Yes	20-Sep-2019	SOG	Coho	CO0717	Random	0+	272	241	F	-	683	CO0717	Yes	8134	CO0717	Skinny
91	Yes	20-Sep-2019	SOG	Coho	CO0718	Random	0+	303	378	F	-	684	CO0718	-	8135	CO0718	VF
91	Yes	20-Sep-2019	SOG	Coho	CO0719	Random	0+	297	352	F	-	685	CO0719	-	8136	CO0719	VF
91	Yes	20-Sep-2019	SOG	Coho	CO0720	Select ¹	0+	267	245	M	ADCWT	686	CO0720	-	8137	CO0720	
91	Yes	20-Sep-2019	SOG	Coho	CO0721	Select ¹	0+	291	281	F	ADCWT	687	CO0721	-	8138	CO0721	LEP (female)
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	276	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	284	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	328	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	294	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	301	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	307	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	291	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	244	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	274	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	312	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	284	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	283	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	289	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	286	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	294	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	294	-	-	-	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	291	-	-	AD	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	AD	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	292	-	-	AD	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	320	-	-	AD	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	287	-	-	AD	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	296	-	-	AD	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	304	-	-	AD	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	297	-	-	AD	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	296	-	-	AD	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	283	-	-	AD	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	AD	-	-	-	-	-	
91	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	306	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	CO0722	Random	0+	283	293	F	-	688	CO0722	Yes	8139	CO0722	CAL
92	Yes	20-Sep-2019	SOG	Coho	CO0723	Random	0+	315	386	M	AD	689	CO0723	Yes	8140	CO0723	LEP (female); VF
92	Yes	20-Sep-2019	SOG	Coho	CO0724	Random	0+	291	330	F	AD	690	CO0724	Yes	8141	CO0724	VF
92	Yes	20-Sep-2019	SOG	Coho	CO0725	Random	0+	291	280	F	-	691	CO0725	Yes	8142	CO0725	Skinny
92	Yes	20-Sep-2019	SOG	Coho	CO0726	Random	0+	295	305	M	AD	692	CO0726	Yes	8143	CO0726	LEP (gravid)
92	Yes	20-Sep-2019	SOG	Coho	CO0727	Random	0+	291	313	F	-	693	CO0727	Yes	8144	CO0727	LEP (male); VF
92	Yes	20-Sep-2019	SOG	Coho	CO0728	Random	0+	284	287	F	-	694	CO0728	Yes	8145	CO0728	VF
92	Yes	20-Sep-2019	SOG	Coho	CO0729	Random	0+	320	439	F	AD	695	CO0729	Yes	8146	CO0729	VF
92	Yes	20-Sep-2019	SOG	Coho	CO0730	Random	0+	308	393	F	-	696	CO0730	Yes	8147	CO0730	
92	Yes	20-Sep-2019	SOG	Coho	CO0731	Random	0+	291	310	M	ADCWT	697	CO0731	Yes	8148	CO0731	
92	Yes	20-Sep-2019	SOG	Coho	CO0732	Random	0+	302	380	F	-	698	CO0732	Yes	8149	CO0732	LEP (female); VF
92	Yes	20-Sep-2019	SOG	Coho	CO0733	Random	0+	281	303	F	-	699	CO0733	Yes	8150	CO0733	VF
92	Yes	20-Sep-2019	SOG	Coho	CO0734	Random	0+	276	289	F	-	700	CO0734	Yes	8151	CO0734	
92	Yes	20-Sep-2019	SOG	Coho	CO0735	Random	0+	281	270	M	-	701	CO0735	Yes	8152	CO0735	
92	Yes	20-Sep-2019	SOG	Coho	CO0736	Random	0+	290	316	F	-	702	CO0736	Yes	8153	CO0736	CAL
92	Yes	20-Sep-2019	SOG	Coho	CO0737	Random	0+	290	301	M	-	703	CO0737	Yes	8154	CO0737	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
92	Yes	20-Sep-2019	SOG	Coho	CO0738	Random	0+	308	359	F	-	704	CO0738	Yes	8155	CO0738	VF
92	Yes	20-Sep-2019	SOG	Coho	CO0739	Random	0+	317	385	M	-	705	CO0739	Yes	8156	CO0739	
92	Yes	20-Sep-2019	SOG	Coho	CO0740	Random	0+	311	396	M	AD	706	CO0740	Yes	8157	CO0740	VF
92	Yes	20-Sep-2019	SOG	Coho	CO0741	Random	0+	303	350	F	AD	707	CO0741	Yes	8158	CO0741	
92	Yes	20-Sep-2019	SOG	Coho	CO0742	Select ¹	0+	267	219	F	ADCWT	708	CO0742	Yes	8159	CO0742	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	271	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	274	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	314	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	320	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	328	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	276	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	296	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	286	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	273	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	298	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	266	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	302	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	249	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	285	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	292	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	285	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	286	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	276	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	293	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	305	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	315	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	302	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	298	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	292	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	302	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	296	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	284	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	292	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	293	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	284	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	305	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	278	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	266	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	302	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	315	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	301	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	350	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	350	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	232	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	285	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	296	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	298	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	285	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	352	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	312	-	-	AD	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	350	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	285	-	-	AD	-	-	-	-	-	
92	Yes	20-Sep-2019	SOG	Coho	-	Random	0+	315	-	-	AD	-	-	-	-	-	
93	Yes	20-Sep-2019	SOG	Coho	CO0743	Total	0+	300	329	F	-	709	CO0743	Yes	8160	CO0743	EIS
93	Yes	20-Sep-2019	SOG	Coho	CO0744	Total	0+	281	263	F	-	710	CO0744	Yes	8161	CO0744	EIS
94	Yes	21-Sep-2019	SOG	Coho	CO0745	Total	0+	314	359	F	ADCWT	711	CO0745	Yes	8162	CO0745	VF
94	Yes	21-Sep-2019	SOG	Coho	CO0746	Total	0+	239	170	F	-	712	CO0746	Yes	8163	CO0746	
94	Yes	21-Sep-2019	SOG	Coho	CO0747	Total	0+	279	287	M	-	713	CO0747	Yes	8164	CO0747	
94	Yes	21-Sep-2019	SOG	Coho	CO0748	Total	0+	243	171	F	-	714	CO0748	Yes	8165	CO0748	
94	Yes	21-Sep-2019	SOG	Coho	CO0749	Total	0+	305	434	F	AD	715	CO0749	Yes	8166	CO0749	CAL; VF
94	Yes	21-Sep-2019	SOG	Coho	CO0750	Total	0+	270	241	F	-	716	CO0750	Yes	8167	CO0750	
94	Yes	21-Sep-2019	SOG	Coho	CO0751	Total	0+	290	290	M	AD	717	CO0751	Yes	8168	CO0751	
94	Yes	21-Sep-2019	SOG	Coho	CO0752	Total	0+	251	203	M	-	718	CO0752	Yes	8169	CO0752	
94	Yes	21-Sep-2019	SOG	Coho	CO0753	Total	0+	265	214	F	-	719	CO0753	Yes	8170	CO0753	
94	Yes	21-Sep-2019	SOG	Coho	CO0754	Total	0+	225	142	F	-	720	CO0754	Yes	8171	CO0754	
95	Yes	21-Sep-2019	SOG	Coho	CO0755	Total	0+	237	156	M	-	721	CO0755	-	8172	CO0755	
96	Yes	21-Sep-2019	SOG	Coho	CO0756	Total	0+	300	360	M	-	722	CO0756	Yes	8173	CO0756	
96	Yes	21-Sep-2019	SOG	Coho	CO0757	Total	0+	282	279	M	-	723	CO0757	Yes	8174	CO0757	
96	Yes	21-Sep-2019	SOG	Coho	CO0758	Total	0+	288	320	F	AD	724	CO0758	Yes	8175	CO0758	
96	Yes	21-Sep-2019	SOG	Coho	CO0759	Total	0+	288	328	M	AD	725	CO0759	Yes	8176	CO0759	
96	Yes	21-Sep-2019	SOG	Coho	CO0760	Total	0+	283	270	F	-	726	CO0760	Yes	8177	CO0760	VF
97	Yes	21-Sep-2019	SOG	Coho	CO0761	Random	0+	302	338	M	ADCWT	727	CO0761	Yes	8198	CO0761	
97	Yes	21-Sep-2019	SOG	Coho	CO0762	Random	0+	301	362	MJ	AD	728	CO0762	Yes	8199	CO0762	
97	Yes	21-Sep-2019	SOG	Coho	CO0763	Random	0+	318	402	MJ	AD	729	CO0763	Yes	8200	CO0763	LEP (male)
97	Yes	21-Sep-2019	SOG	Coho	CO0764	Random	0+	273	244	M	-	730	CO0764	Yes	8201	CO0764	
97	Yes	21-Sep-2019	SOG	Coho	CO0765	Random	0+	281	273	F	-	731	CO0765	Yes	8202	CO0765	W (caudal fin)
97	Yes	21-Sep-2019	SOG	Coho	CO0766	Random	0+	294	308	M	-	732	CO0766	Yes	8203	CO0766	
97	Yes	21-Sep-2019	SOG	Coho	CO0767	Random	0+	298	356	F	-	733	CO0767	Yes	8204	CO0767	VF
97	Yes	21-Sep-2019	SOG	Coho	CO0768	Random	0+	274	272	F	AD	734	CO0768	Yes	8205	CO0768	LEP (male)
97	Yes	21-Sep-2019	SOG	Coho	CO0769	Random	0+	263	217	F	-	735	CO0769	Yes	8206	CO0769	LEP (male)
97	Yes	21-Sep-2019	SOG	Coho	CO0770	Random	0+	302	410	M	AD	736	CO0770	Yes	8207	CO0770	VF
97	Yes	21-Sep-2019	SOG	Coho	CO0771	Random	0+	304	372	M	AD	737	CO0771	Yes	8208	CO0771	LEP (male)
97	Yes	21-Sep-2019	SOG	Coho	CO0772	Random	0+	302	332	M	AD	738	CO0772	Yes	8209	CO0772	
97	Yes	21-Sep-2019	SOG	Coho	CO0773	Random	0+	265	213	F	-	739	CO0773	Yes	8210	CO0773	
97	Yes	21-Sep-2019	SOG	Coho	CO0774	Random	0+	273	247	F	-	740	CO0774	Yes	8211	CO0774	
97	Yes	21-Sep-2019	SOG	Coho	CO0775	Random	0+	277	285	M	-	741	CO0775	Yes	8212	CO0775	LEP (gravid)
97	Yes	21-Sep-2019	SOG	Coho	CO0776	Random	0+	300	396	F	AD	742	CO0776	Yes	8213	CO0776	LEP (male); VF
97	Yes	21-Sep-2019	SOG	Coho	CO0777	Random	0+	307	373	M	AD	743	CO0777	Yes	8214	CO0777	VF

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
97	Yes	21-Sep-2019	SOG	Coho	CO0778	Random	0+	314	415	M	-	744	CO0778	Yes	8215	CO0778	LEP (male); VF
97	Yes	21-Sep-2019	SOG	Coho	CO0779	Random	0+	253	177	M	-	745	CO0779	Yes	8216	CO0779	LEP (female)
97	Yes	21-Sep-2019	SOG	Coho	CO0780	Random	0+	278	294	F	AD	746	CO0780	Yes	8217	CO0780	
97	Yes	21-Sep-2019	SOG	Coho	CO0781	Random	0+	305	377	M	AD	747	-	Yes	8218	CO0781	LEP (male); VF
97	Yes	21-Sep-2019	SOG	Coho	CO0782	Random	0+	269	254	M	AD	748	-	Yes	8318	CO0782	
97	Yes	21-Sep-2019	SOG	Coho	CO0783	Random	0+	267	246	F	-	749	-	Yes	8319	CO0783	LEP (female); LEP (male)
97	Yes	21-Sep-2019	SOG	Coho	CO0784	Random	0+	248	185	F	AD	750	-	Yes	8320	CO0784	CAL
97	Yes	21-Sep-2019	SOG	Coho	CO0785	Random	0+	273	252	F	-	751	-	Yes	8321	CO0785	LEP (gravid)
97	Yes	21-Sep-2019	SOG	Coho	CO0786	Random	0+	286	296	F	-	752	-	Yes	8322	CO0786	
97	Yes	21-Sep-2019	SOG	Coho	CO0787	Random	0+	297	354	F	-	753	-	Yes	8323	CO0787	LEP (male)
97	Yes	21-Sep-2019	SOG	Coho	CO0788	Random	0+	303	364	F	AD	754	-	Yes	8324	CO0788	VF
97	Yes	21-Sep-2019	SOG	Coho	CO0789	Random	0+	303	364	F	AD	755	-	Yes	8325	CO0789	LEP (male); VF
97	Yes	21-Sep-2019	SOG	Coho	CO0790	Random	0+	259	225	M	-	756	-	Yes	8326	CO0790	
97	Yes	21-Sep-2019	SOG	Coho	CO0791	Random	0+	301	312	-	AD	759	-	Yes	8178	-	
97	Yes	21-Sep-2019	SOG	Coho	CO0792	Random	0+	279	257	-	-	760	-	Yes	8179	-	LEP (male)
97	Yes	21-Sep-2019	SOG	Coho	CO0793	Random	0+	280	266	-	-	761	-	Yes	8180	-	LEP (female, 2)
97	Yes	21-Sep-2019	SOG	Coho	CO0794	Random	0+	270	240	-	-	762	-	Yes	8181	-	
97	Yes	21-Sep-2019	SOG	Coho	CO0795	Random	0+	282	279	-	-	763	-	Yes	8182	-	LEP (female)
97	Yes	21-Sep-2019	SOG	Coho	CO0796	Random	0+	285	291	-	AD	764	-	Yes	8183	-	
97	Yes	21-Sep-2019	SOG	Coho	CO0797	Random	0+	302	354	-	-	765	-	Yes	8184	-	
97	Yes	21-Sep-2019	SOG	Coho	CO0798	Random	0+	299	356	-	-	766	-	Yes	8185	-	
97	Yes	21-Sep-2019	SOG	Coho	CO0799	Random	0+	276	318	-	-	767	-	Yes	8186	-	
97	Yes	21-Sep-2019	SOG	Coho	CO0800	Random	0+	255	209	-	-	768	-	Yes	8187	-	
97	Yes	21-Sep-2019	SOG	Coho	CO0801	Random	0+	285	282	-	-	769	-	-	8188	-	
97	Yes	21-Sep-2019	SOG	Coho	CO0802	Random	0+	286	292	-	AD	770	-	-	8189	-	
97	Yes	21-Sep-2019	SOG	Coho	CO0803	Random	0+	286	289	-	-	771	-	-	8190	-	
97	Yes	21-Sep-2019	SOG	Coho	CO0804	Random	0+	310	369	-	AD	772	-	-	8191	-	LEP (2 male)
97	Yes	21-Sep-2019	SOG	Coho	CO0805	Random	0+	272	248	-	-	773	-	-	8192	-	LEP (male)
97	Yes	21-Sep-2019	SOG	Coho	CO0806	Random	0+	290	296	-	-	774	-	-	8193	-	LEP (male)
97	Yes	21-Sep-2019	SOG	Coho	CO0807	Random	0+	292	328	-	AD	775	-	-	8194	-	LEP (female)
97	Yes	21-Sep-2019	SOG	Coho	CO0808	Random	0+	262	224	-	-	776	-	-	8195	-	LEP (male)
97	Yes	21-Sep-2019	SOG	Coho	CO0809	Random	0+	280	266	-	-	777	-	-	8196	-	
97	Yes	21-Sep-2019	SOG	Coho	CO0810	Random	0+	230	179	-	-	778	-	-	8197	-	LEP (female); LEP (male)
97	Yes	21-Sep-2019	SOG	Coho	CO0811	Select ¹	0+	276	280	M	CWT	757	-	Yes	8327	CO0811	
97	Yes	21-Sep-2019	SOG	Coho	CO0812	Select ⁵	0+	219	165	F	AD	758	-	Yes	8328	CO0812	DEF (scoliosis)
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	-	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	-	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	291	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	291	-	-	-	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	316	-	-	-	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	298	-	-	-	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	259	-	-	-	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	350	-	-	-	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	235	-	-	-	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	286	-	-	-	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	310	-	-	-	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	350	-	-	-	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	310	-	-	-	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	278	-	-	-	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	340	-	-	-	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	AD	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	AD	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	AD	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	285	-	-	AD	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	AD	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	AD	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	312	-	-	AD	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	305	-	-	AD	-	-	-	-	-	
97	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	308	-	-	AD	-	-	-	-	-	
98	Yes	21-Sep-2019	SOG	Coho	CO0813	Random	0+	314	382	F	AD	779	CO0813	Yes	8329	CO0813	LEP (male)
98	Yes	21-Sep-2019	SOG	Coho	CO0814	Random	0+	298	332	M	-	780	CO0814	Yes	8330	CO0814	LEP (male); VF
98	Yes	21-Sep-2019	SOG	Coho	CO0815	Random	0+	300	-	M	-	781	CO0815	Yes	8331	CO0815	LEP (female); VF
98	Yes	21-Sep-2019	SOG	Coho	CO0816	Random	0+	288	-	M	-	782	CO0816	Yes	8332	CO0816	
98	Yes	21-Sep-2019	SOG	Coho	CO0817	Random	0+	310	-	F	-	783	CO0817	Yes	8333	CO0817	LEP (female); VF
98	Yes	21-Sep-2019	SOG	Coho	CO0818	Random	0+	314	-	F	-	784	CO0818	Yes	8334	CO0818	VF
98	Yes	21-Sep-2019	SOG	Coho	CO0819	Random	0+	266	-	M	CWT	785	CO0819	Yes	8335	CO0819	VF
98	Yes	21-Sep-2019	SOG	Coho	CO0820	Random	0+	295	-	F	-	786	CO0820	Yes	8336	CO0820	
98	Yes	21-Sep-2019	SOG	Coho	CO0821	Random	0+	280	-	F	ADCWT	787	CO0821	Yes	8337	CO0821	
98	Yes	21-Sep-2019	SOG	Coho	CO0822	Random	0+	275	-	F	-	788	CO0822	Yes	8338	CO0822	
98	Yes	21-Sep-2019	SOG	Coho	CO0823	Random	0+	291	-	F	-	789	CO0823	Yes	8339	CO0823	
98	Yes	21-Sep-2019	SOG	Coho	CO0824	Random	0+	315	395	F	-	790	CO0824	Yes	8340	CO0824	VF
98	Yes	21-Sep-2019	SOG	Coho	CO0825	Random	0+	286	299	M	-	791	CO0825	Yes	8341	CO0825	
98	Yes	21-Sep-2019	SOG	Coho	CO0826	Random	0+	291	308	F	-	792	CO0826	Yes	8342	CO0826	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
98	Yes	21-Sep-2019	SOG	Coho	CO0827	Random	0+	302	364	M	-	793	CO0827	Yes	8343	CO0827	VF
98	Yes	21-Sep-2019	SOG	Coho	CO0828	Random	0+	308	350	F	-	794	CO0828	Yes	8344	CO0828	
98	Yes	21-Sep-2019	SOG	Coho	CO0829	Random	0+	314	381	F	AD	795	CO0829	Yes	8345	CO0829	VF
98	Yes	21-Sep-2019	SOG	Coho	CO0830	Random	0+	307	410	MJ	ADCWT	796	CO0830	Yes	8346	CO0830	
98	Yes	21-Sep-2019	SOG	Coho	CO0831	Random	0+	281	265	F	AD	797	CO0831	Yes	8347	CO0831	
98	Yes	21-Sep-2019	SOG	Coho	CO0832	Random	0+	303	342	M	-	798	CO0832	Yes	8348	CO0832	VF
98	Yes	21-Sep-2019	SOG	Coho	CO0833	Select ¹	0+	315	382	M	ADCWT	799	CO0833	Yes	8349	CO0833	LEP (female); VF
98	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
98	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	-	-	-	-	-	-	
98	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	-	-	-	-	-	-	
98	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	-	-	-	-	-	-	
98	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	266	-	-	-	-	-	-	-	-	
98	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	-	-	-	-	-	-	
98	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	310	-	-	-	-	-	-	-	-	
98	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	310	-	-	AD	-	-	-	-	-	
98	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	AD	-	-	-	-	-	
98	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	298	-	-	AD	-	-	-	-	-	
98	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	291	-	-	AD	-	-	-	-	-	
98	Yes	21-Sep-2019	SOG	Coho	-	Random	0+	281	-	-	AD	-	-	-	-	-	
99	Yes	21-Sep-2019	SOG	Coho	CO0834	Total	0+	278	244	M	-	800	CO0834	-	8350	CO0834	
100	Yes	22-Sep-2019	SOG	Coho	CO0835	Random	0+	305	373	M	ADCWT	801	CO0835	Yes	8351	CO0835	
100	Yes	22-Sep-2019	SOG	Coho	CO0836	Random	0+	305	350	F	-	802	CO0836	Yes	8352	CO0836	LEP (3 gravid); VF
100	Yes	22-Sep-2019	SOG	Coho	CO0837	Random	0+	310	347	M	-	803	CO0837	Yes	8353	CO0837	
100	Yes	22-Sep-2019	SOG	Coho	CO0838	Random	0+	310	412	F	-	804	CO0838	Yes	8354	CO0838	
100	Yes	22-Sep-2019	SOG	Coho	CO0839	Random	0+	298	338	F	-	805	CO0839	Yes	8355	CO0839	LEP (gravid)
100	Yes	22-Sep-2019	SOG	Coho	CO0840	Random	0+	316	445	M	AD	806	CO0840	Yes	8356	CO0840	VF
100	Yes	22-Sep-2019	SOG	Coho	CO0841	Random	0+	304	332	F	-	807	CO0841	Yes	8357	CO0841	
100	Yes	22-Sep-2019	SOG	Coho	CO0842	Random	0+	279	266	F	AD	808	CO0842	Yes	8358	CO0842	LEP (female)
100	Yes	22-Sep-2019	SOG	Coho	CO0843	Random	0+	287	276	M	-	809	CO0843	Yes	8359	CO0843	LAC (v2)
100	Yes	22-Sep-2019	SOG	Coho	CO0844	Random	0+	260	225	F	AD	810	CO0844	Yes	8360	CO0844	
100	Yes	22-Sep-2019	SOG	Coho	CO0845	Random	0+	309	350	M	-	811	CO0845	Yes	8361	CO0845	
100	Yes	22-Sep-2019	SOG	Coho	CO0846	Random	0+	316	407	F	-	812	CO0846	Yes	8362	CO0846	VF
100	Yes	22-Sep-2019	SOG	Coho	CO0847	Random	0+	336	461	M	-	813	CO0847	Yes	8363	CO0847	LEP (male)
100	Yes	22-Sep-2019	SOG	Coho	CO0848	Random	0+	283	279	F	-	814	CO0848	Yes	8364	CO0848	
100	Yes	22-Sep-2019	SOG	Coho	CO0849	Random	0+	301	306	M	-	815	CO0849	Yes	8365	CO0849	
100	Yes	22-Sep-2019	SOG	Coho	CO0850	Random	0+	284	316	M	-	816	CO0850	Yes	8366	CO0850	DEF (jaw)
100	Yes	22-Sep-2019	SOG	Coho	CO0851	Random	0+	270	296	F	-	817	CO0851	Yes	8367	CO0851	DEF (caudal); VF
100	Yes	22-Sep-2019	SOG	Coho	CO0852	Random	0+	295	300	F	-	818	CO0852	Yes	8368	CO0852	
100	Yes	22-Sep-2019	SOG	Coho	CO0853	Random	0+	319	408	M	AD	819	CO0853	Yes	8369	CO0853	VF
100	Yes	22-Sep-2019	SOG	Coho	CO0854	Random	0+	324	448	M	AD	820	CO0854	Yes	8370	CO0854	LEP (gravid); VF

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
100	Yes	22-Sep-2019	SOG	Coho	CO0855	Random	0+	313	423	-	AD	821	CO0855	Yes	8371	CO0855	
100	Yes	22-Sep-2019	SOG	Coho	CO0856	Random	0+	293	334	-	-	822	CO0856	Yes	8372	CO0856	
100	Yes	22-Sep-2019	SOG	Coho	CO0857	Random	0+	301	385	-	-	823	CO0857	Yes	8373	CO0857	
100	Yes	22-Sep-2019	SOG	Coho	CO0858	Random	0+	278	291	-	AD	824	CO0858	Yes	8374	CO0858	
100	Yes	22-Sep-2019	SOG	Coho	CO0859	Random	0+	304	372	F	AD	825	CO0859	Yes	8375	CO0859	
100	Yes	22-Sep-2019	SOG	Coho	CO0860	Random	0+	303	351	-	-	826	CO0860	-	8376	CO0860	
100	Yes	22-Sep-2019	SOG	Coho	CO0861	Random	0+	305	391	-	-	827	CO0861	-	8377	CO0861	
100	Yes	22-Sep-2019	SOG	Coho	CO0862	Random	0+	304	363	-	AD	828	CO0862	-	8378	CO0862	
100	Yes	22-Sep-2019	SOG	Coho	CO0863	Random	0+	311	-	-	AD	829	CO0863	-	8379	CO0863	
100	Yes	22-Sep-2019	SOG	Coho	CO0864	Random	0+	298	343	-	-	830	CO0864	-	8380	CO0864	LEP (male)
100	Yes	22-Sep-2019	SOG	Coho	CO0865	Total	1+	550	1800	F	ADCWT	831	CO0865	Yes	8381	CO0865	
100	Yes	22-Sep-2019	SOG	Coho	CO0866	Select ¹	0+	328	473	F	ADCWT	832	CO0866	-	8382	CO0866	LEP (female); LEP (male); VF
100	Yes	22-Sep-2019	SOG	Coho	CO0867	Select ¹	0+	274	254	M	ADCWT	833	CO0867	-	8383	CO0867	
100	Yes	22-Sep-2019	SOG	Coho	CO0868	Select ¹	0+	290	309	M	ADCWT	834	CO0868	-	8384	CO0868	
100	Yes	22-Sep-2019	SOG	Coho	CO0869	Select ¹	0+	270	249	F	ADCWT	835	CO0869	-	8385	CO0869	
100	Yes	22-Sep-2019	SOG	Coho	CO0870	Select ¹	0+	297	343	M	ADCWT	836	CO0870	-	8386	CO0870	
100	Yes	22-Sep-2019	SOG	Coho	CO0871	Select ¹	0+	299	309	F	ADCWT	837	CO0871	-	8387	CO0871	
100	Yes	22-Sep-2019	SOG	Coho	CO0872	Select ¹	0+	295	326	M	ADCWT	838	CO0872	-	8388	CO0872	
100	Yes	22-Sep-2019	SOG	Coho	CO0873	Select ¹	0+	265	228	F	ADCWT	839	CO0873	-	8389	CO0873	
100	Yes	22-Sep-2019	SOG	Coho	CO0874	Select ¹	0+	239	180	M	ADCWT	840	CO0874	-	8390	CO0874	GC
100	Yes	22-Sep-2019	SOG	Coho	CO0875	Select ¹	0+	218	134	M	ADCWT	841	CO0875	-	8391	CO0875	
100	Yes	22-Sep-2019	SOG	Coho	CO0876	Select ¹	0+	298	342	-	ADCWT	842	-	-	8392	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0877	Select ¹	0+	300	383	-	ADCWT	843	-	-	8393	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0878	Select ¹	0+	279	284	-	ADCWT	844	-	-	8394	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0879	Select ¹	0+	290	295	-	ADCWT	845	-	-	8395	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0880	Select ¹	0+	286	289	-	ADCWT	846	-	-	8396	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0881	Select ¹	0+	284	305	-	ADCWT	847	-	-	8397	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0882	Select ¹	0+	317	416	-	ADCWT	848	-	-	8398	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0883	Select ¹	0+	278	259	-	ADCWT	849	-	-	8399	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0884	Random	0+	327	485	-	-	-	-	-	8400	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0885	Random	0+	299	369	-	-	-	-	-	8401	-	LEP (gravid)
100	Yes	22-Sep-2019	SOG	Coho	CO0886	Random	0+	295	342	-	AD	-	-	-	8402	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0887	Random	0+	271	253	-	AD	-	-	-	8403	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0888	Random	0+	291	347	-	AD	-	-	-	8404	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0889	Random	0+	304	387	-	AD	-	-	-	8405	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0890	Random	0+	280	285	-	-	-	-	-	8406	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0891	Random	0+	239	202	-	AD	-	-	-	8407	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0892	Random	0+	274	274	-	AD	-	-	-	8408	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0893	Random	0+	318	391	-	AD	-	-	-	8409	-	LEP (female)

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
100	Yes	22-Sep-2019	SOG	Coho	CO0894	Random	0+	349	587	MJ	-	-	-	-	8410	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0895	Random	0+	335	538	MJ	-	-	-	-	8411	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0896	Random	0+	314	407	-	AD	-	-	-	8412	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0897	Random	0+	284	314	-	AD	-	-	-	8413	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0898	Random	0+	301	367	-	-	-	-	-	8414	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0899	Random	0+	281	275	-	-	-	-	-	8415	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0900	Random	0+	278	266	-	-	-	-	-	8416	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0901	Random	0+	282	320	-	AD	-	-	-	8417	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0902	Random	0+	274	303	-	-	-	-	-	8019	-	
100	Yes	22-Sep-2019	SOG	Coho	CO0903	Random	0+	260	236	-	-	-	-	-	8020	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	325	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	320	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	292	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	278	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	288	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	310	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	320	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	298	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	294	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	258	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	296	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	269	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	298	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	239	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	320	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	286	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	302	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	305	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	285	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	310	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	291	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	291	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	285	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	245	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	310	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	285	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	305	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	258	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	291	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	283	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	271	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	325	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	278	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	284	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	285	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	294	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	296	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	320	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	286	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	310	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	320	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	325	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	320	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	310	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	305	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	305	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	AD	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	325	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	320	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	310	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	285	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	284	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	310	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	264	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	285	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	330	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	285	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	294	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	330	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	325	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	299	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	279	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	289	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	286	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	AD	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	310	-	-	AD	-	-	-	-	-	
101	Yes	22-Sep-2019	SOG	Coho	CO0904	Total	0+	285	289	M	AD	850	CO0904	-	8021	CO0904	VF
101	Yes	22-Sep-2019	SOG	Coho	CO0905	Total	0+	308	352	M	-	851	CO0905	-	8022	CO0905	LEP (gravid)
101	Yes	22-Sep-2019	SOG	Coho	CO0906	Total	0+	311	436	MJ	-	852	CO0906	Yes	8023	CO0906	
101	Yes	22-Sep-2019	SOG	Coho	CO0907	Total	0+	259	225	F	AD	853	CO0907	-	8024	CO0907	LEP (gravid); LEP (female); LEP (male)
102	Yes	22-Sep-2019	SOG	Coho	CO0908	Total	0+	293	315	M	-	854	CO0908	Yes	8025	CO0908	
102	Yes	22-Sep-2019	SOG	Coho	CO0909	Total	0+	303	267	M	-	855	CO0909	Yes	8026	CO0909	LEP (male); VF
102	Yes	22-Sep-2019	SOG	Coho	CO0910	Total	0+	257	192	F	AD	856	CO0910	Yes	8027	CO0910	
102	Yes	22-Sep-2019	SOG	Coho	CO0911	Total	0+	290	309	F	AD	857	CO0911	Yes	8028	CO0911	CAL; VF
102	Yes	22-Sep-2019	SOG	Coho	CO0912	Total	0+	276	265	F	AD	858	CO0912	Yes	8029	CO0912	
102	Yes	22-Sep-2019	SOG	Coho	CO0913	Total	0+	300	361	F	AD	859	CO0913	Yes	8030	CO0913	LEP (female); VF

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
102	Yes	22-Sep-2019	SOG	Coho	CO0914	Total	0+	288	306	F	-	860	CO0914	Yes	8031	CO0914	LEP (gravid); VF
102	Yes	22-Sep-2019	SOG	Coho	CO0915	Total	0+	278	261	F	AD	861	CO0915	Yes	8032	CO0915	LEP (female)
102	Yes	22-Sep-2019	SOG	Coho	CO0916	Total	0+	278	267	M	-	862	CO0916	Yes	8033	CO0916	
102	Yes	22-Sep-2019	SOG	Coho	CO0917	Total	0+	291	325	F	-	863	CO0917	Yes	8034	CO0917	LEP (female)
102	Yes	22-Sep-2019	SOG	Coho	CO0918	Total	0+	284	275	M	-	864	-	Yes	8035	CO0918	LEP (gravid)
102	Yes	22-Sep-2019	SOG	Coho	CO0919	Total	0+	290	298	M	-	865	-	Yes	8036	CO0919	
102	Yes	22-Sep-2019	SOG	Coho	CO0920	Total	0+	298	334	F	-	866	-	Yes	8037	CO0920	
102	Yes	22-Sep-2019	SOG	Coho	CO0921	Total	0+	308	405	MJ	-	867	-	Yes	8038	CO0921	
102	Yes	22-Sep-2019	SOG	Coho	CO0922	Total	0+	263	222	F	-	868	-	Yes	8039	CO0922	LEP (female)
102	Yes	22-Sep-2019	SOG	Coho	CO0923	Total	0+	288	332	F	AD	869	-	Yes	8040	CO0923	
102	Yes	22-Sep-2019	SOG	Coho	CO0924	Total	0+	308	372	F	-	870	-	Yes	8041	CO0924	
102	Yes	22-Sep-2019	SOG	Coho	CO0925	Total	0+	285	298	M	-	871	-	Yes	8042	CO0925	
102	Yes	22-Sep-2019	SOG	Coho	CO0926	Total	0+	287	292	M	-	872	-	Yes	8043	CO0926	
102	Yes	22-Sep-2019	SOG	Coho	CO0927	Total	0+	268	251	F	-	873	-	Yes	8044	CO0927	
102	Yes	22-Sep-2019	SOG	Coho	CO0928	Total	0+	261	202	M	-	874	-	Yes	8045	CO0928	Skinny
103	Yes	22-Sep-2019	SOG	Coho	CO0929	Random	0+	297	325	M	AD	875	CO0929	Yes	8046	CO0929	
103	Yes	22-Sep-2019	SOG	Coho	CO0930	Random	0+	317	382	M	AD	876	CO0930	Yes	8047	CO0930	
103	Yes	22-Sep-2019	SOG	Coho	CO0931	Random	0+	273	250	F	-	877	CO0931	Yes	8048	CO0931	VF
103	Yes	22-Sep-2019	SOG	Coho	CO0932	Random	0+	291	318	M	-	878	CO0932	Yes	8049	CO0932	
103	Yes	22-Sep-2019	SOG	Coho	CO0933	Random	0+	292	298	F	-	879	CO0933	Yes	8050	CO0933	LEP (gravid); VF
103	Yes	22-Sep-2019	SOG	Coho	CO0934	Random	0+	316	449	F	-	880	CO0934	Yes	8051	CO0934	LEP (male); VF
103	Yes	22-Sep-2019	SOG	Coho	CO0935	Random	0+	308	411	M	-	881	CO0935	Yes	8052	CO0935	VF
103	Yes	22-Sep-2019	SOG	Coho	CO0936	Random	0+	291	320	F	-	882	CO0936	Yes	8053	CO0936	VF
103	Yes	22-Sep-2019	SOG	Coho	CO0937	Random	0+	308	376	F	AD	883	CO0937	Yes	8054	CO0937	
103	Yes	22-Sep-2019	SOG	Coho	CO0938	Random	0+	289	320	M	-	884	CO0938	Yes	8055	CO0938	VF
103	Yes	22-Sep-2019	SOG	Coho	CO0939	Random	0+	283	333	F	AD	885	CO0939	Yes	8056	CO0939	
103	Yes	22-Sep-2019	SOG	Coho	CO0940	Random	0+	312	408	M	AD	886	CO0940	Yes	8057	CO0940	VF
103	Yes	22-Sep-2019	SOG	Coho	CO0941	Random	0+	273	239	M	-	887	CO0941	Yes	8058	CO0941	
103	Yes	22-Sep-2019	SOG	Coho	CO0942	Random	0+	291	323	M	-	888	CO0942	Yes	8059	CO0942	
103	Yes	22-Sep-2019	SOG	Coho	CO0943	Random	0+	294	348	M	-	889	CO0943	Yes	8060	CO0943	LEP (male)
103	Yes	22-Sep-2019	SOG	Coho	CO0944	Random	0+	296	323	M	AD	890	CO0944	Yes	8061	CO0944	
103	Yes	22-Sep-2019	SOG	Coho	CO0945	Random	0+	295	337	M	AD	891	CO0945	Yes	8062	CO0945	
103	Yes	22-Sep-2019	SOG	Coho	CO0946	Random	0+	323	434	M	AD	892	CO0946	Yes	8063	CO0946	VF
103	Yes	22-Sep-2019	SOG	Coho	CO0947	Random	0+	295	380	F	AD	893	CO0947	Yes	8064	CO0947	VF
103	Yes	22-Sep-2019	SOG	Coho	CO0948	Random	0+	300	342	M	-	894	CO0948	Yes	8065	CO0948	
103	Yes	22-Sep-2019	SOG	Coho	CO0949	Select ¹	0+	264	290	M	CWT	895	CO0949	-	8066	CO0949	VF
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	281	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	311	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	276	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	301	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	311	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	291	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	299	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	284	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	259	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	288	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	326	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	257	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	304	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	240	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	371	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	AD	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	317	-	-	AD	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	AD	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	254	-	-	AD	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	299	-	-	AD	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	307	-	-	AD	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	303	-	-	AD	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	276	-	-	AD	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	AD	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	321	-	-	AD	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	306	-	-	AD	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Coho	-	Random	0+	370	-	-	AD	-	-	-	-	-	
104	Yes	22-Sep-2019	SOG	Coho	CO0950	Total	0+	254	183	F	-	896	CO0950	-	8067	CO0950	
104	Yes	22-Sep-2019	SOG	Coho	CO0951	Total	0+	334	503	MJ	AD	897	CO0951	-	8068	CO0951	
105	Yes	22-Sep-2019	SOG	Coho	CO0952	Total	0+	251	207	M	-	898	CO0952	Yes	8069	CO0952	CAL
105	Yes	22-Sep-2019	SOG	Coho	CO0953	Total	0+	249	197	M	-	899	CO0953	Yes	8070	CO0953	
105	Yes	22-Sep-2019	SOG	Coho	CO0954	Total	0+	219	144	M	AD	900	CO0954	Yes	8071	CO0954	VF
105	Yes	22-Sep-2019	SOG	Coho	CO0955	Total	0+	230	134	M	-	901	CO0955	Yes	8072	CO0955	Skinny
105	Yes	22-Sep-2019	SOG	Coho	CO0956	Total	0+	222	131	M	-	902	CO0956	Yes	8073	CO0956	Skinny
105	Yes	22-Sep-2019	SOG	Coho	CO0957	Total	0+	232	153	M	-	903	CO0957	Yes	8074	CO0957	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
105	Yes	22-Sep-2019	SOG	Coho	CO0958	Total	0+	221	132	F	-	904	CO0958	Yes	8075	CO0958	
105	Yes	22-Sep-2019	SOG	Coho	CO0959	Total	0+	241	169	F	-	905	CO0959	Yes	8076	CO0959	
105	Yes	22-Sep-2019	SOG	Coho	CO0960	Total	0+	271	277	M	-	906	CO0960	Yes	8077	CO0960	
105	Yes	22-Sep-2019	SOG	Coho	CO0961	Total	0+	252	192	M	-	907	CO0961	Yes	8078	CO0961	GC
105	Yes	22-Sep-2019	SOG	Coho	CO0962	Total	0+	255	109	F	-	908	CO0962	Yes	8079	CO0962	
105	Yes	22-Sep-2019	SOG	Coho	CO0963	Total	0+	261	226	F	-	909	CO0963	Yes	8080	CO0963	
105	Yes	22-Sep-2019	SOG	Coho	CO0964	Total	0+	234	159	M	-	910	CO0964	Yes	8081	CO0964	
106	Yes	22-Sep-2019	SOG	Coho	CO0965	Total	0+	248	192	F	-	911	CO0965	Yes	8082	CO0965	LEP (female)
106	Yes	22-Sep-2019	SOG	Coho	CO0966	Total	0+	262	212	F	-	912	CO0966	Yes	8083	CO0966	LEP (male)
106	Yes	22-Sep-2019	SOG	Coho	CO0967	Total	0+	255	200	M	-	913	CO0967	Yes	8084	CO0967	LEP (male)
106	Yes	22-Sep-2019	SOG	Coho	CO0968	Total	0+	240	169	F	-	914	CO0968	Yes	8085	CO0968	LEP (female, 2))
106	Yes	22-Sep-2019	SOG	Coho	CO0969	Total	0+	217	130	M	-	915	CO0969	Yes	8086	CO0969	LEP (gravid)
107	Yes	23-Sep-2019	SOG	Coho	CO0970	Random	0+	268	-	F	AD	916	CO0970	Yes	8087	CO0970	
107	Yes	23-Sep-2019	SOG	Coho	CO0971	Random	0+	198	-	F	-	917	CO0971	Yes	8088	CO0971	LEP (female)
107	Yes	23-Sep-2019	SOG	Coho	CO0972	Random	0+	237	-	F	-	918	CO0972	Yes	8089	CO0972	LEP (female); LEP (male)
107	Yes	23-Sep-2019	SOG	Coho	CO0973	Random	0+	243	-	F	-	919	CO0973	Yes	8090	CO0973	
107	Yes	23-Sep-2019	SOG	Coho	CO0974	Random	0+	246	-	-	AD	920	CO0974	Yes	8091	CO0974	
107	Yes	23-Sep-2019	SOG	Coho	CO0975	Random	0+	241	-	F	-	921	CO0975	Yes	8092	CO0975	LEP (2 gravid)
107	Yes	23-Sep-2019	SOG	Coho	CO0976	Random	0+	258	-	M	AD	922	CO0976	Yes	8093	CO0976	LEP (gravid); LEP (male)
107	Yes	23-Sep-2019	SOG	Coho	CO0977	Random	0+	297	-	F	AD	923	CO0977	Yes	8094	CO0977	
107	Yes	23-Sep-2019	SOG	Coho	CO0978	Random	0+	245	-	M	-	924	CO0978	Yes	8095	CO0978	LEP (gravid); LEP (male)
107	Yes	23-Sep-2019	SOG	Coho	CO0979	Random	0+	253	-	F	-	925	CO0979	Yes	8096	CO0979	
107	Yes	23-Sep-2019	SOG	Coho	CO0980	Select ¹	0+	246	-	-	ADCWT	926	-	-	8097	CO0980	
107	Yes	23-Sep-2019	SOG	Coho	CO0981	Random	0+	247	-	-	-	-	-	-	8098	-	
107	Yes	23-Sep-2019	SOG	Coho	CO0982	Random	0+	243	-	-	-	-	-	-	8099	-	
107	Yes	23-Sep-2019	SOG	Coho	CO0983	Random	0+	264	-	-	-	-	-	-	8100	-	
107	Yes	23-Sep-2019	SOG	Coho	CO0984	Random	0+	241	-	-	-	-	-	-	8101	-	
107	Yes	23-Sep-2019	SOG	Coho	CO0985	Random	0+	261	-	-	-	-	-	-	8102	-	
109	Yes	23-Sep-2019	SOG	Coho	CO0986	Select ⁵	0+	221	-	-	-	927	-	Yes	8103	CO0986	FH (eyeball)
109	Yes	23-Sep-2019	SOG	Coho	CO0987	Total	1+	450	1026	M	-	928	CO0987	Yes	8104	CO0987	
109	Yes	23-Sep-2019	SOG	Coho	CO0988	Total	1+	460	1077	M	AD	929	CO0988	Yes	8105	CO0988	
109	Yes	23-Sep-2019	SOG	Coho	CO0989	Random	0+	264	237	-	ADCWT	930	CO0989	Yes	8106	CO0989	
109	Yes	23-Sep-2019	SOG	Coho	CO0990	Random	0+	275	242	F	ADCWT	931	CO0990	Yes	8107	CO0990	
109	Yes	23-Sep-2019	SOG	Coho	CO0991	Random	0+	250	212	M	-	932	CO0991	Yes	8108	CO0991	
109	Yes	23-Sep-2019	SOG	Coho	CO0992	Random	0+	264	227	F	-	933	CO0992	Yes	8109	CO0992	
109	Yes	23-Sep-2019	SOG	Coho	CO0993	Random	0+	254	191	M	-	934	CO0993	Yes	8110	CO0993	LEP (female)
109	Yes	23-Sep-2019	SOG	Coho	CO0994	Random	0+	247	188	F	-	935	CO0994	Yes	8111	CO0994	LEP (gravid)
109	Yes	23-Sep-2019	SOG	Coho	CO0995	Random	0+	248	170	F	-	936	CO0995	Yes	8112	CO0995	
109	Yes	23-Sep-2019	SOG	Coho	CO0996	Random	0+	335	578	MJ	-	937	CO0996	Yes	8113	CO0996	LEP (2 male)
109	Yes	23-Sep-2019	SOG	Coho	CO0997	Random	0+	262	214	F	-	938	CO0997	Yes	8114	CO0997	LEP (2 male)

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
109	Yes	23-Sep-2019	SOG	Coho	CO0998	Random	0+	240	165	M	-	939	CO0998	-	8115	CO0998	
109	Yes	23-Sep-2019	SOG	Coho	CO0999	Random	0+	271	247	M	-	940	CO0999	Yes	8116	CO0999	
109	Yes	23-Sep-2019	SOG	Coho	CO1000	Random	0+	277	265	M	-	941	CO1000	Yes	8117	CO1000	
109	Yes	23-Sep-2019	SOG	Coho	CO1001	Random	0+	294	316	M	-	942	CO1001	Yes	8118	CO1001	
109	Yes	23-Sep-2019	SOG	Coho	CO1002	Random	0+	258	219	M	-	943	CO1002	Yes	7599	CO1002	
109	Yes	23-Sep-2019	SOG	Coho	CO1003	Random	0+	273	272	F	-	944	CO1003	Yes	7600	CO1003	
109	Yes	23-Sep-2019	SOG	Coho	CO1004	Random	0+	275	261	M	AD	945	CO1004	Yes	7601	CO1004	
109	Yes	23-Sep-2019	SOG	Coho	CO1005	Random	0+	302	378	F	AD	946	CO1005	Yes	7602	CO1005	LEP (gravid); VF
109	Yes	23-Sep-2019	SOG	Coho	CO1006	Random	0+	268	267	F	AD	947	CO1006	Yes	7603	CO1006	LEP (female)
109	Yes	23-Sep-2019	SOG	Coho	CO1007	Random	0+	318	419	MJ	AD	948	CO1007	Yes	7604	CO1007	
109	Yes	23-Sep-2019	SOG	Coho	CO1008	Random	0+	274	276	F	AD	949	CO1008	Yes	7605	CO1008	
109	Yes	23-Sep-2019	SOG	Coho	CO1009	Select ¹	0+	274	227	M	ADCWT	950	CO1009	-	7606	CO1009	
109	Yes	23-Sep-2019	SOG	Coho	CO1010	Select ¹	0+	245	187	F	ADCWT	951	CO1010	-	7607	CO1010	
109	Yes	23-Sep-2019	SOG	Coho	CO1011	Select ¹	0+	266	228	M	ADCWT	952	CO1011	-	7608	CO1011	
109	Yes	23-Sep-2019	SOG	Coho	CO1012	Select ¹	0+	277	268	M	ADCWT	953	CO1012	-	7609	CO1012	
109	Yes	23-Sep-2019	SOG	Coho	CO1013	Select ¹	0+	275	260	F	ADCWT	954	CO1013	-	7610	CO1013	LEP (gravid)
109	Yes	23-Sep-2019	SOG	Coho	CO1014	Select ¹	0+	270	241	-	ADCWT	955	-	-	7611	-	
109	Yes	23-Sep-2019	SOG	Coho	CO1015	Select ¹	0+	262	241	-	ADCWT	956	-	-	7612	-	
109	Yes	23-Sep-2019	SOG	Coho	CO1016	Select ¹	0+	266	234	-	ADCWT	957	-	-	7613	-	
109	Yes	23-Sep-2019	SOG	Coho	CO1017	Select ¹	0+	235	154	-	ADCWT	958	-	-	7614	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	245	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	249	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	256	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	253	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	298	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	315	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	310	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	238	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	249	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	245	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	254	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	284	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	246	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	256	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	245	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	246	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	278	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	254	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	235	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	251	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	252	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	256	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	215	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	246	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	276	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	246	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	246	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	269	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	305	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	274	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	273	-	-	AD	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	235	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	279	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	274	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	269	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	288	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	292	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	274	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	240	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	283	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	278	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	294	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	279	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	273	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	278	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	320	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	246	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	295	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	264	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	298	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	252	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	296	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	274	-	-	AD	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	278	-	-	AD	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
110	Yes	23-Sep-2019	SOG	Coho	CO1018	Random	0+	275	270	F	AD	959	CO1018	Yes	7615	CO1018	
110	Yes	23-Sep-2019	SOG	Coho	CO1019	Random	0+	260	227	F	-	960	CO1019	Yes	7616	CO1019	
110	Yes	23-Sep-2019	SOG	Coho	CO1020	Random	0+	266	227	M	-	961	CO1020	Yes	7617	CO1020	LEP (male)
110	Yes	23-Sep-2019	SOG	Coho	CO1021	Random	0+	254	216	F	-	962	CO1021	Yes	7618	CO1021	
110	Yes	23-Sep-2019	SOG	Coho	CO1022	Random	0+	275	279	M	-	963	CO1022	Yes	7619	CO1022	LEP (gravid)
110	Yes	23-Sep-2019	SOG	Coho	CO1023	Random	0+	285	298	F	AD	964	CO1023	Yes	7620	CO1023	
110	Yes	23-Sep-2019	SOG	Coho	CO1024	Random	0+	255	208	M	AD	965	CO1024	Yes	7621	CO1024	
110	Yes	23-Sep-2019	SOG	Coho	CO1025	Random	0+	263	245	F	AD	966	CO1025	Yes	7622	CO1025	VF
110	Yes	23-Sep-2019	SOG	Coho	CO1026	Random	0+	268	242	F	AD	967	CO1026	Yes	7623	CO1026	
110	Yes	23-Sep-2019	SOG	Coho	CO1027	Random	0+	268	251	M	-	968	CO1027	Yes	7624	CO1027	
110	Yes	23-Sep-2019	SOG	Coho	CO1028	Random	0+	294	322	M	AD	969	CO1028	Yes	7625	CO1028	
110	Yes	23-Sep-2019	SOG	Coho	CO1029	Random	0+	286	296	F	AD	970	CO1029	Yes	7626	CO1029	
110	Yes	23-Sep-2019	SOG	Coho	CO1030	Random	0+	256	200	M	-	971	-	Yes	7627	CO1030	
110	Yes	23-Sep-2019	SOG	Coho	CO1031	Random	0+	224	140	M	-	972	-	Yes	7628	CO1031	
110	Yes	23-Sep-2019	SOG	Coho	CO1032	Random	0+	265	263	F	-	973	-	Yes	7629	CO1032	
110	Yes	23-Sep-2019	SOG	Coho	CO1033	Random	0+	265	221	F	-	974	-	Yes	7630	CO1033	
110	Yes	23-Sep-2019	SOG	Coho	CO1034	Random	0+	266	256	M	-	975	-	Yes	7631	CO1034	LEP (gravid)
110	Yes	23-Sep-2019	SOG	Coho	CO1035	Random	0+	278	280	M	AD	976	-	Yes	7632	CO1035	
110	Yes	23-Sep-2019	SOG	Coho	CO1036	Random	0+	270	254	M	ADCWT	977	-	Yes	7633	CO1036	
110	Yes	23-Sep-2019	SOG	Coho	CO1037	Select ¹	0+	267	248	F	ADCWT	978	CO1037	-	7634	CO1037	LEP (male)
110	Yes	23-Sep-2019	SOG	Coho	CO1038	Select ¹	0+	273	258	M	ADCWT	979	CO1038	-	7635	CO1038	LEP (gravid)
110	Yes	23-Sep-2019	SOG	Coho	CO1039	Select ¹	0+	237	180	F	ADCWT	980	CO1039	-	7636	CO1039	
110	Yes	23-Sep-2019	SOG	Coho	CO1040	Select ¹	0+	266	225	M	ADCWT	981	CO1040	-	7637	CO1040	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	261	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	195	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	264	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	242	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	252	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	239	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	286	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	249	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	278	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	274	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	244	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	278	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	251	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	231	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	245	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	285	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	252	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	271	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	234	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	310	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	240	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	245	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	216	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	286	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	242	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	268	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	266	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	290	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	252	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	256	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	269	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	245	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	246	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	242	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	252	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	258	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	255	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	265	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	241	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	AD	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	320	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	220	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	292	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	264	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	300	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	262	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	263	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	272	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	273	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	266	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	257	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	280	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	242	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	252	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	260	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	282	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	250	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	276	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	284	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	275	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	270	-	-	AD	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Coho	-	Random	0+	269	-	-	AD	-	-	-	-	-	
112	Yes	23-Sep-2019	SOG	Coho	CO1041	Total	0+	238	164	F	AD	982	CO1041	-	7638	CO1041	LEP (female)
112	Yes	23-Sep-2019	SOG	Coho	CO1042	Total	0+	225	140	F	-	983	CO1042	-	7639	CO1042	
112	Yes	23-Sep-2019	SOG	Coho	CO1043	Total	0+	259	206	M	-	984	CO1043	-	7640	CO1043	
112	Yes	23-Sep-2019	SOG	Coho	CO1044	Total	0+	285	277	F	AD	985	CO1044	-	7641	CO1044	
112	Yes	23-Sep-2019	SOG	Coho	CO1045	Total	0+	274	243	M	AD	986	CO1045	-	7642	CO1045	LEP (female); LEP (gravid)
112	Yes	23-Sep-2019	SOG	Coho	CO1046	Total	0+	280	244	M	ADCWT	987	CO1046	-	7643	CO1046	
113	Yes	24-Sep-2019	SOG	Coho	CO1047	Total	0+	225	128	M	-	988	CO1047	Yes	7644	CO1047	
113	Yes	24-Sep-2019	SOG	Coho	CO1048	Total	1+	545	1872	M	-	989	CO1048	Yes	7645	CO1048	
113	Yes	24-Sep-2019	SOG	Coho	CO1049	Total	1+	584	2364	M	-	990	CO1049	Yes	7646	CO1049	
113	Yes	24-Sep-2019	SOG	Coho	CO1050	Total	1+	545	1666	F	-	991	CO1050	Yes	7647	CO1050	
116	Yes	24-Sep-2019	SOG	Coho	CO1051	Total	0+	339	495	MJ	AD	992	CO1051	Yes	7648	CO1051	LEP (gravid); LEP (2 male)

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
116	Yes	24-Sep-2019	SOG	Coho	CO1052	Total	0+	268	220	F	-	993	CO1052	Yes	7649	CO1052	LEP (2 gravid); LEP (2 male)
116	Yes	24-Sep-2019	SOG	Coho	CO1053	Total	0+	233	155	M	-	994	CO1053	Yes	7650	CO1053	
116	Yes	24-Sep-2019	SOG	Coho	CO1054	Total	0+	250	203	F	-	995	CO1054	Yes	7651	CO1054	
116	Yes	24-Sep-2019	SOG	Coho	CO1055	Total	0+	236	156	F	-	996	CO1055	-	7652	CO1055	LEP (male)
116	Yes	24-Sep-2019	SOG	Coho	CO1056	Total	0+	210	105	F	-	997	CO1056	-	7653	CO1056	LEP (female)
117	Yes	24-Sep-2019	SOG	Coho	CO1057	Total	1+	628	-	-	-	-	-	Yes	7654	-	
117	Yes	24-Sep-2019	SOG	Coho	CO1058	Total	0+	255	196	M	-	998	CO1058	Yes	7655	CO1058	CAL
117	Yes	24-Sep-2019	SOG	Coho	CO1059	Total	0+	232	154	F	-	999	CO1059	Yes	7656	CO1059	LEP (male)
118	Yes	24-Sep-2019	SOG	Coho	CO1060	Total	0+	253	202	F	-	1005	CO1060	Yes	7662	CO1060	CAL
118	Yes	24-Sep-2019	SOG	Coho	CO1061	Total	0+	256	193	F	ADCWT	1000	CO1061	Yes	7657	CO1061	LEP (female)
118	Yes	24-Sep-2019	SOG	Coho	CO1062	Total	0+	272	242	F	ADCWT	1001	CO1062	Yes	7658	CO1062	LEP (male)
118	Yes	24-Sep-2019	SOG	Coho	CO1063	Total	0+	260	225	F	AD	1002	CO1063	Yes	7659	CO1063	
118	Yes	24-Sep-2019	SOG	Coho	CO1064	Total	0+	246	185	M	AD	1003	CO1064	Yes	7660	CO1064	CAL
118	Yes	24-Sep-2019	SOG	Coho	CO1065	Total	0+	290	336	M	AD	1004	CO1065	Yes	7661	CO1065	VF
118	Yes	24-Sep-2019	SOG	Coho	CO1066	Total	0+	259	199	M	-	1006	CO1066	Yes	7663	CO1066	LW (LV1, 1.0 cm)
118	Yes	24-Sep-2019	SOG	Coho	CO1067	Total	0+	268	229	F	-	1007	CO1067	Yes	7664	CO1067	LEP (2 male)
118	Yes	24-Sep-2019	SOG	Coho	CO1068	Total	0+	290	310	M	-	1008	CO1068	Yes	7665	CO1068	LEP (male)
118	Yes	24-Sep-2019	SOG	Coho	CO1069	Total	0+	348	572	MJ	-	1009	CO1069	Yes	7666	CO1069	
118	Yes	24-Sep-2019	SOG	Coho	CO1070	Total	0+	260	224	M	-	1010	CO1070	Yes	7667	CO1070	
118	Yes	24-Sep-2019	SOG	Coho	CO1071	Total	0+	262	224	M	-	1011	CO1071	Yes	7668	CO1071	LEP (male)
118	Yes	24-Sep-2019	SOG	Coho	CO1072	Total	0+	228	152	M	-	1012	CO1072	Yes	7669	CO1072	LEP (male)
118	Yes	24-Sep-2019	SOG	Coho	CO1073	Total	0+	276	259	F	-	1013	CO1073	Yes	7670	CO1073	
118	Yes	24-Sep-2019	SOG	Coho	CO1074	Total	0+	239	180	F	-	1014	CO1074	Yes	7671	CO1074	
118	Yes	24-Sep-2019	SOG	Coho	CO1075	Total	0+	282	273	M	AD	1015	CO1075	Yes	7672	CO1075	CAL
118	Yes	24-Sep-2019	SOG	Coho	CO1076	Total	0+	247	197	M	AD	1016	CO1076	Yes	7673	CO1076	LEP (female); LEP (male)
119	Yes	24-Sep-2019	SOG	Coho	CO1077	Total	0+	304	359	M	ADCWT	1017	CO1077	Yes	7674	CO1077	LEP (gravid)
119	Yes	24-Sep-2019	SOG	Coho	CO1078	Total	0+	258	209	M	ADCWT	1018	CO1078	Yes	7675	CO1078	LEP (male); CAL (1)
119	Yes	24-Sep-2019	SOG	Coho	CO1079	Total	0+	262	210	F	ADCWT	1019	CO1079	Yes	7676	CO1079	
119	Yes	24-Sep-2019	SOG	Coho	CO1080	Total	0+	245	181	M	AD	1020	CO1080	Yes	7677	CO1080	LEP (male)
119	Yes	24-Sep-2019	SOG	Coho	CO1081	Total	0+	248	177	M	-	1021	CO1081	Yes	7678	CO1081	DEF (jaw)
119	Yes	24-Sep-2019	SOG	Coho	CO1082	Total	0+	244	168	F	-	1022	CO1082	Yes	7679	CO1082	Puncture (LV3); LEP (male)
119	Yes	24-Sep-2019	SOG	Coho	CO1083	Total	0+	259	205	M	-	1023	CO1083	Yes	7680	CO1083	
119	Yes	24-Sep-2019	SOG	Coho	CO1084	Total	0+	264	229	M	-	1024	CO1084	Yes	7681	CO1084	
119	Yes	24-Sep-2019	SOG	Coho	CO1085	Total	0+	240	176	M	-	1025	CO1085	Yes	7682	CO1085	LEP (male)
119	Yes	24-Sep-2019	SOG	Coho	CO1086	Total	0+	254	199	M	-	1026	CO1086	Yes	7683	CO1086	LEP (female)
119	Yes	24-Sep-2019	SOG	Coho	CO1087	Total	0+	261	219	M	-	1027	CO1087	Yes	7684	CO1087	LEP (gravid); LEP (male)
119	Yes	24-Sep-2019	SOG	Coho	CO1088	Total	0+	228	154	F	-	1028	CO1088	Yes	7685	CO1088	
119	Yes	24-Sep-2019	SOG	Coho	CO1089	Total	0+	293	294	F	-	1029	CO1089	Yes	7686	CO1089	Skinny
119	Yes	24-Sep-2019	SOG	Coho	CO1090	Total	0+	234	148	F	-	1030	CO1090	Yes	7687	CO1090	Skinny
119	Yes	24-Sep-2019	SOG	Coho	CO1091	Total	0+	240	167	M	-	1031	CO1091	Yes	7688	CO1091	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
119	Yes	24-Sep-2019	SOG	Coho	CO1092	Total	0+	242	162	F	-	1032	CO1092	Yes	7689	CO1092	LEP (gravid); LEP (male); CAL (1)
119	Yes	24-Sep-2019	SOG	Coho	CO1093	Total	0+	253	182	F	-	1033	CO1093	Yes	7690	CO1093	
119	Yes	24-Sep-2019	SOG	Coho	CO1094	Total	0+	270	243	F	-	1034	CO1094	Yes	7691	CO1094	
119	Yes	24-Sep-2019	SOG	Coho	CO1095	Total	0+	263	213	M	-	1035	CO1095	Yes	7692	CO1095	
119	Yes	24-Sep-2019	SOG	Coho	CO1096	Total	0+	260	208	M	-	1036	CO1096	Yes	7693	CO1096	
119	Yes	24-Sep-2019	SOG	Coho	CO1097	Total	0+	262	242	M	AD	1037	CO1097	Yes	7694	CO1097	LEP (female)
119	Yes	24-Sep-2019	SOG	Coho	CO1098	Total	0+	230	138	F	AD	1038	CO1098	Yes	7695	CO1098	LEP (gravid)
119	Yes	24-Sep-2019	SOG	Coho	CO1099	Total	0+	246	188	M	-	1039	CO1099	Yes	7696	CO1099	
119	Yes	24-Sep-2019	SOG	Coho	CO1100	Total	0+	261	197	F	-	1040	CO1100	Yes	7697	CO1100	
120	Yes	24-Sep-2019	SOG	Coho	CO1101	Total	0+	239	182	M	-	1041	CO1101	Yes	7698	CO1101	LEP (gravid)
122	No	25-Sep-2019	JDEF	Coho	CO1102	Random	0+	258	203	F	CWT	1042	CO1102	Yes	8418	CO1102	LEP (gravid)
122	No	25-Sep-2019	JDEF	Coho	CO1103	Random	0+	244	174	M	-	1043	CO1103	Yes	8419	CO1103	
122	No	25-Sep-2019	JDEF	Coho	CO1104	Random	0+	226	152	F	AD	1044	CO1104	Yes	8420	CO1104	LEP (male)
122	No	25-Sep-2019	JDEF	Coho	CO1105	Random	0+	226	153	F	-	1045	CO1105	Yes	8421	CO1105	
122	No	25-Sep-2019	JDEF	Coho	CO1106	Random	0+	271	228	M	-	1046	CO1106	Yes	8422	CO1106	
122	No	25-Sep-2019	JDEF	Coho	CO1107	Random	0+	281	262	M	-	1047	CO1107	Yes	8423	CO1107	LEP (male)
122	No	25-Sep-2019	JDEF	Coho	CO1108	Random	0+	291	308	M	AD	1048	CO1108	Yes	8424	CO1108	
122	No	25-Sep-2019	JDEF	Coho	CO1109	Random	0+	335	492	MJ	AD	1049	CO1109	Yes	8425	CO1109	
122	No	25-Sep-2019	JDEF	Coho	CO1110	Random	0+	271	252	M	AD	1050	CO1110	Yes	8426	CO1110	
122	No	25-Sep-2019	JDEF	Coho	CO1111	Random	0+	249	183	F	-	1051	CO1111	Yes	8427	CO1111	
122	No	25-Sep-2019	JDEF	Coho	CO1112	Random	0+	236	134	F	-	1052	CO1112	Yes	8428	CO1112	
122	No	25-Sep-2019	JDEF	Coho	CO1113	Random	0+	251	187	F	-	1053	CO1113	Yes	8429	CO1113	
122	No	25-Sep-2019	JDEF	Coho	CO1114	Random	0+	257	216	M	AD	1054	CO1114	Yes	8430	CO1114	
122	No	25-Sep-2019	JDEF	Coho	CO1115	Random	0+	227	143	M	-	1055	CO1115	Yes	8431	CO1115	
122	No	25-Sep-2019	JDEF	Coho	CO1116	Random	0+	286	271	M	-	1056	CO1116	Yes	8432	CO1116	LEP (gravid)
122	No	25-Sep-2019	JDEF	Coho	CO1117	Random	0+	251	194	F	AD	1057	CO1117	Yes	8433	CO1117	LEP (male)
122	No	25-Sep-2019	JDEF	Coho	CO1118	Random	0+	231	152	M	-	1058	CO1118	Yes	8434	CO1118	
122	No	25-Sep-2019	JDEF	Coho	CO1119	Random	0+	261	190	F	AD	1059	CO1119	Yes	8435	CO1119	GC
122	No	25-Sep-2019	JDEF	Coho	CO1120	Random	0+	259	216	F	-	1060	CO1120	Yes	8436	CO1120	
122	No	25-Sep-2019	JDEF	Coho	CO1121	Random	0+	245	201	M	AD	1061	CO1121	Yes	8437	CO1121	LEP (male)
122	No	25-Sep-2019	JDEF	Coho	CO1122	Select ¹	0+	276	276	M	CWT	1062	CO1122	Yes	8438	CO1122	
122	No	25-Sep-2019	JDEF	Coho	CO1123	Select ¹	0+	273	251	F	CWT	1063	CO1123	Yes	8439	CO1123	LEP (female); CAL (1)
122	No	25-Sep-2019	JDEF	Coho	CO1124	Select ¹	0+	298	335	F	ADCWT	1064	CO1124	Yes	8440	CO1124	
122	No	25-Sep-2019	JDEF	Coho	CO1125	Select ¹	0+	266	245	M	ADCWT	1065	CO1125	Yes	8441	CO1125	
122	No	25-Sep-2019	JDEF	Coho	CO1126	Select ⁵	0+	349	558	F	-	1066	CO1126	Yes	8442	CO1126	LEP (male); DEF (Scoliosis)
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	235	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	244	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	276	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	248	-	-	-	-	-	-	-	-	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	266	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	274	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	245	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	230	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	265	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	235	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	275	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	246	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	276	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	252	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	264	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	254	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	248	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	268	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	266	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	247	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	234	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	245	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	267	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	248	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	256	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	275	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	245	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	248	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	236	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	263	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	245	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	270	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	276	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	272	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	273	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	285	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	273	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	263	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	252	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	290	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	246	-	-	AD	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	240	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	262	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	246	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	252	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	291	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	270	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	260	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	295	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	276	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	238	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	255	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	240	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	246	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	230	-	-	AD	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Coho	-	Random	0+	239	-	-	AD	-	-	-	-	-	
123	No	25-Sep-2019	JDEF	Coho	CO1127	Total	0+	300	342	F	CWT	1067	CO1127	-	8443	CO1127	LEP (gravid)
123	No	25-Sep-2019	JDEF	Coho	CO1128	Total	0+	289	292	F	-	1068	CO1128	-	8444	CO1128	
124	No	25-Sep-2019	JDEF	Coho	CO1129	Total	1+	548	2184	M	AD	1069	CO1129	Yes	8445	CO1129	
124	No	25-Sep-2019	JDEF	Coho	CO1130	Random	0+	246	187	M	ADCWT	1070	CO1130	Yes	8446	CO1130	
124	No	25-Sep-2019	JDEF	Coho	CO1131	Random	0+	270	221	F	AD	1071	CO1131	Yes	8447	CO1131	
124	No	25-Sep-2019	JDEF	Coho	CO1132	Random	0+	257	200	F	AD	1072	CO1132	Yes	8448	CO1132	
124	No	25-Sep-2019	JDEF	Coho	CO1133	Random	0+	254	214	M	AD	1073	CO1133	Yes	8449	CO1133	
124	No	25-Sep-2019	JDEF	Coho	CO1134	Random	0+	256	210	F	AD	1074	CO1134	Yes	8450	CO1134	
124	No	25-Sep-2019	JDEF	Coho	CO1135	Random	0+	240	152	F	-	1075	CO1135	Yes	8451	CO1135	LEP (gravid); Skinny
124	No	25-Sep-2019	JDEF	Coho	CO1136	Random	0+	237	150	M	AD	1076	CO1136	Yes	8452	CO1136	Skinny
124	No	25-Sep-2019	JDEF	Coho	CO1137	Random	0+	261	209	M	-	1077	CO1137	Yes	8453	CO1137	
124	No	25-Sep-2019	JDEF	Coho	CO1138	Random	0+	275	238	M	-	1078	CO1138	Yes	8454	CO1138	
124	No	25-Sep-2019	JDEF	Coho	CO1139	Random	0+	286	289	F	-	1079	CO1139	Yes	8455	CO1139	
124	No	25-Sep-2019	JDEF	Coho	CO1140	Random	0+	225	141	M	AD	1080	CO1140	Yes	8456	CO1140	
124	No	25-Sep-2019	JDEF	Coho	CO1141	Random	0+	274	248	M	-	1081	CO1141	Yes	8457	CO1141	
124	No	25-Sep-2019	JDEF	Coho	CO1142	Random	0+	286	290	M	RPC	1082	CO1142	Yes	8458	CO1142	
124	No	25-Sep-2019	JDEF	Coho	CO1143	Random	0+	255	181	M	-	1083	CO1143	Yes	8459	CO1143	
124	No	25-Sep-2019	JDEF	Coho	CO1144	Random	0+	249	188	M	-	1084	CO1144	Yes	8460	CO1144	
124	No	25-Sep-2019	JDEF	Coho	CO1145	Random	0+	265	231	F	AD	1085	CO1145	Yes	8461	CO1145	LEP (2 male)
124	No	25-Sep-2019	JDEF	Coho	CO1146	Random	0+	241	182	F	AD	1086	CO1146	Yes	8462	CO1146	
124	No	25-Sep-2019	JDEF	Coho	CO1147	Random	0+	250	181	F	AD	1087	CO1147	Yes	8463	CO1147	
124	No	25-Sep-2019	JDEF	Coho	CO1148	Random	0+	259	210	F	AD	1088	CO1148	Yes	8464	CO1148	
124	No	25-Sep-2019	JDEF	Coho	CO1149	Random	0+	240	171	F	AD	1089	CO1149	Yes	8465	CO1149	
124	No	25-Sep-2019	JDEF	Coho	CO1150	Select ¹	0+	250	176	M	ADCWT	1090	CO1150	Yes	8466	CO1150	LEP (2 male); Skinny
124	No	25-Sep-2019	JDEF	Coho	CO1151	Select ¹	0+	264	210	F	CWT	1091	CO1151	Yes	8467	CO1151	LEP (2 gravid); Skinny

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
124	No	25-Sep-2019	JDEF	Coho	CO1152	Select ³	0+	359	606	MJ	-	1092	CO1152	Yes	8468	CO1152	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	260	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	234	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	280	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	252	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	289	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	230	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	254	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	249	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	275	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	238	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	242	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	250	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	242	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	222	-	-	AD	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	255	-	-	AD	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	240	-	-	AD	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	235	-	-	AD	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	260	-	-	AD	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	252	-	-	AD	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	278	-	-	AD	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Coho	-	Random	0+	259	-	-	AD	-	-	-	-	-	
125	No	25-Sep-2019	JDEF	Coho	CO1153	Total	0+	278	241	F	-	1093	CO1153	Yes	8469	CO1153	
125	No	25-Sep-2019	JDEF	Coho	CO1154	Total	0+	239	161	M	-	1094	CO1154	Yes	8470	CO1154	LEP (gravid)
125	No	25-Sep-2019	JDEF	Coho	CO1155	Total	0+	226	136	M	-	1095	CO1155	Yes	8471	CO1155	
126	No	25-Sep-2019	JDEF	Coho	CO1156	Total	1+	457	1105	M	-	1096	CO1156	Yes	8472	CO1156	
126	No	25-Sep-2019	JDEF	Coho	CO1157	Random	0+	272	209	M	ADCWT	1097	CO1157	-	8473	CO1157	
126	No	25-Sep-2019	JDEF	Coho	CO1158	Random	0+	251	183	M	CWT	1098	CO1158	Yes	8474	CO1158	LEP (male)
126	No	25-Sep-2019	JDEF	Coho	CO1159	Random	0+	268	217	F	AD	1099	CO1159	Yes	8475	CO1159	LEP (2 gravid); CAL (1)
126	No	25-Sep-2019	JDEF	Coho	CO1160	Random	0+	264	219	F	AD	1100	CO1160	Yes	8476	CO1160	
126	No	25-Sep-2019	JDEF	Coho	CO1161	Random	0+	260	224	F	AD	1101	CO1161	Yes	8477	CO1161	LEP (gravid)
126	No	25-Sep-2019	JDEF	Coho	CO1162	Random	0+	295	324	M	AD	1102	CO1162	Yes	8478	CO1162	LEP (gravid)
126	No	25-Sep-2019	JDEF	Coho	CO1163	Random	0+	253	195	F	AD	1103	CO1163	Yes	8479	CO1163	DEF (jaw)
126	No	25-Sep-2019	JDEF	Coho	CO1164	Random	0+	268	231	F	-	1104	CO1164	Yes	8480	CO1164	
126	No	25-Sep-2019	JDEF	Coho	CO1165	Random	0+	260	205	F	-	1105	CO1165	Yes	8481	CO1165	LEP (gravid); LEP (male)
126	No	25-Sep-2019	JDEF	Coho	CO1166	Random	0+	279	246	F	-	1106	CO1166	Yes	8482	CO1166	
126	No	25-Sep-2019	JDEF	Coho	-	Random	0+	256	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Coho	-	Random	0+	266	-	-	-	-	-	-	-	-	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
126	No	25-Sep-2019	JDEF	Coho	-	Random	0+	275	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Coho	-	Random	0+	265	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Coho	-	Random	0+	216	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Coho	-	Random	0+	268	-	-	AD	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Coho	-	Random	0+	258	-	-	AD	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Coho	-	Random	0+	260	-	-	AD	-	-	-	-	-	
127	No	25-Sep-2019	JDEF	Coho	CO1167	Total	0+	270	230	F	-	1107	CO1167	Yes	8483	CO1167	
127	No	25-Sep-2019	JDEF	Coho	CO1168	Total	0+	262	202	F	-	1108	CO1168	Yes	8484	CO1168	
127	No	25-Sep-2019	JDEF	Coho	CO1169	Total	0+	261	211	F	AD	1109	CO1169	Yes	8485	CO1169	
127	No	25-Sep-2019	JDEF	Coho	CO1170	Total	0+	293	299	F	-	1110	CO1170	Yes	8486	CO1170	
127	No	25-Sep-2019	JDEF	Coho	CO1171	Total	0+	270	232	F	-	1111	CO1171	Yes	8487	CO1171	
127	No	25-Sep-2019	JDEF	Coho	CO1172	Total	0+	272	242	M	AD	1112	CO1172	Yes	8488	CO1172	LEP (male)
127	No	25-Sep-2019	JDEF	Coho	CO1173	Total	0+	256	204	M	-	1113	CO1173	Yes	8489	CO1173	LEP (male)
127	No	25-Sep-2019	JDEF	Coho	CO1174	Total	1+	600	2322	F	-	1114	CO1174	Yes	8490	CO1174	
128	No	26-Sep-2019	GISL	Coho	CO1175	Total	0+	271	268	M	-	1115	CO1175	Yes	8491	CO1175	
128	No	26-Sep-2019	GISL	Coho	CO1176	Total	0+	284	298	F	AD	1116	CO1176	Yes	8492	CO1176	LEP (gravid)
128	No	26-Sep-2019	GISL	Coho	CO1177	Total	0+	233	152	F	-	1117	CO1177	Yes	8493	CO1177	
128	No	26-Sep-2019	GISL	Coho	CO1178	Total	0+	236	161	M	-	1118	CO1178	Yes	8494	CO1178	LEP (male)
128	No	26-Sep-2019	GISL	Coho	CO1179	Total	0+	249	148	F	-	1119	CO1179	Yes	8495	CO1179	
128	No	26-Sep-2019	GISL	Coho	CO1180	Total	0+	259	263	M	-	1120	CO1180	Yes	8496	CO1180	LEP (gravid)
128	No	26-Sep-2019	GISL	Coho	CO1181	Total	0+	253	192	F	-	1121	CO1181	Yes	8497	CO1181	
128	No	26-Sep-2019	GISL	Coho	CO1182	Total	0+	263	252	-	AD	1122	CO1182	Yes	8498	CO1182	
128	No	26-Sep-2019	GISL	Coho	CO1183	Total	0+	245	180	M	-	1123	CO1183	Yes	8499	CO1183	
128	No	26-Sep-2019	GISL	Coho	CO1184	Total	0+	250	184	F	AD	1124	CO1184	Yes	8500	CO1184	LEP (female, 2))
128	No	26-Sep-2019	GISL	Coho	CO1185	Total	1+	445	972	M	-	1125	CO1185	Yes	8501	CO1185	
128	No	26-Sep-2019	GISL	Coho	CO1186	Total	1+	475	1163	F	-	1126	CO1186	Yes	8502	CO1186	
129	No	26-Sep-2019	GISL	Coho	CO1187	Total	0+	261	225	F	AD	1127	CO1187	Yes	8503	CO1187	
129	No	26-Sep-2019	GISL	Coho	CO1188	Total	0+	255	199	M	-	1128	CO1188	Yes	8504	CO1188	LEP (female)
129	No	26-Sep-2019	GISL	Coho	CO1189	Total	0+	277	261	M	-	1129	CO1189	Yes	8505	CO1189	
131	No	26-Sep-2019	GISL	Coho	CO1190	Total	1+	472	1210	F	AD	1130	CO1190	Yes	8506	CO1190	
134	No	26-Sep-2019	GISL	Coho	CO1191	Total	0+	269	253	F	-	1131	CO1191	-	8507	CO1191	
134	No	26-Sep-2019	GISL	Coho	CO1192	Total	0+	250	193	F	-	1132	CO1192	-	8508	CO1192	
137	Yes	27-Sep-2019	SOG	Coho	CO1193	Total	1+	530	1754	F	-	1133	CO1193	Yes	8509	CO1193	
137	Yes	27-Sep-2019	SOG	Coho	CO1194	Total	0+	225	129	M	-	1134	CO1194	-	8510	CO1194	
137	Yes	27-Sep-2019	SOG	Coho	CO1195	Total	0+	277	255	F	AD	1135	CO1195	-	8511	CO1195	LEP (male)
139	Yes	27-Sep-2019	SOG	Coho	CO1197	Total	1+	562	2280	M	-	1137	CO1197	Yes	8512	CO1197	
141	No	27-Sep-2019	HOWE	Coho	CO1198	Total	1+	645	3278	M	-	1138	CO1198	Yes	8513	CO1198	
143	No	27-Sep-2019	HOWE	Coho	CO1199	Total	0+	361	730	MJ	-	1139	CO1199	Yes	8514	CO1199	LEP (gravid)
144	Yes	28-Sep-2019	SOG	Coho	CO1200	Total	0+	280	283	MJ	AD	1140	CO1200	Yes	8515	CO1200	
144	Yes	28-Sep-2019	SOG	Coho	CO1201	Total	0+	307	348	M	AD	1141	CO1201	Yes	8516	CO1201	LEP (2 gravid)

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144	Yes	28-Sep-2019	SOG	Coho	CO1202	Total	0+	277	253	F	AD	1142	CO1202	Yes	7800	CO1202	LEP (2 gravid); LEP (2 male)
144	Yes	28-Sep-2019	SOG	Coho	CO1203	Total	0+	265	226	F	AD	1143	CO1203	Yes	7801	CO1203	
144	Yes	28-Sep-2019	SOG	Coho	CO1204	Total	1+	475	1286	M	-	1144	CO1204	Yes	7802	CO1204	LEP (male); VF
145	Yes	28-Sep-2019	SOG	Coho	CO1205	Total	0+	277	272	F	AD	1145	CO1205	Yes	7803	CO1205	
145	Yes	28-Sep-2019	SOG	Coho	CO1206	Total	0+	298	335	F	AD	1146	CO1206	Yes	7804	CO1206	LEP (female); LEP (gravid); VF
145	Yes	28-Sep-2019	SOG	Coho	CO1207	Total	0+	255	186	F	-	1147	CO1207	Yes	7805	CO1207	
145	Yes	28-Sep-2019	SOG	Coho	CO1208	Total	0+	294	312	M	-	1148	CO1208	Yes	7806	CO1208	VF
145	Yes	28-Sep-2019	SOG	Coho	CO1209	Total	0+	247	166	M	-	1149	CO1209	Yes	7807	CO1209	
145	Yes	28-Sep-2019	SOG	Coho	CO1210	Total	0+	290	281	M	AD	1150	CO1210	Yes	7808	CO1210	VF
145	Yes	28-Sep-2019	SOG	Coho	CO1211	Total	0+	289	298	F	AD	1151	CO1211	Yes	7809	CO1211	
145	Yes	28-Sep-2019	SOG	Coho	CO1212	Total	0+	285	300	F	-	1152	CO1212	Yes	7810	CO1212	LEP (female)
145	Yes	28-Sep-2019	SOG	Coho	CO1213	Total	0+	282	284	F	-	1153	CO1213	Yes	7811	CO1213	
145	Yes	28-Sep-2019	SOG	Coho	CO1214	Total	0+	253	189	F	-	1154	CO1214	Yes	7812	CO1214	VF
145	Yes	28-Sep-2019	SOG	Coho	CO1215	Total	0+	269	221	F	AD	1155	CO1215	Yes	7813	CO1215	
145	Yes	28-Sep-2019	SOG	Coho	CO1216	Total	0+	257	205	F	AD	1156	CO1216	Yes	7814	CO1216	LEP (male)
145	Yes	28-Sep-2019	SOG	Coho	CO1217	Total	0+	277	261	M	-	1157	CO1217	Yes	7815	CO1217	
145	Yes	28-Sep-2019	SOG	Coho	CO1218	Total	0+	252	184	M	-	1158	CO1218	Yes	7816	CO1218	VF
145	Yes	28-Sep-2019	SOG	Coho	CO1219	Total	0+	298	309	F	-	1159	CO1219	Yes	7817	CO1219	
145	Yes	28-Sep-2019	SOG	Coho	CO1220	Total	0+	259	214	M	-	1160	CO1220	Yes	7818	CO1220	
1	Yes	10-Sep-2019	SOG	Chum	CM0001	Total	0+	226	139	M	-	1	CM0001	-	6501	-	
1	Yes	10-Sep-2019	SOG	Chum	CM0002	Total	0+	223	121	F	-	2	CM0002	-	6502	-	
1	Yes	10-Sep-2019	SOG	Chum	CM0003	Total	0+	240	165	M	-	3	CM0003	-	6503	-	
1	Yes	10-Sep-2019	SOG	Chum	CM0004	Total	0+	228	138	F	-	4	CM0004	-	6504	-	
1	Yes	10-Sep-2019	SOG	Chum	CM0005	Total	0+	210	97	M	-	5	CM0005	-	6505	-	
1	Yes	10-Sep-2019	SOG	Chum	CM0006	Total	0+	220	114	M	-	6	CM0006	-	6506	-	
1	Yes	10-Sep-2019	SOG	Chum	CM0007	Total	0+	234	149	F	-	7	CM0007	-	6507	-	
1	Yes	10-Sep-2019	SOG	Chum	CM0008	Total	0+	203	89	M	-	8	CM0008	-	6508	-	
1	Yes	10-Sep-2019	SOG	Chum	CM0009	Total	0+	225	130	F	-	9	CM0009	-	6509	-	
1	Yes	10-Sep-2019	SOG	Chum	CM0010	Total	0+	221	113	M	-	10	CM0010	-	6510	-	
4	Yes	10-Sep-2019	SOG	Chum	CM0011	Total	1+	360	635	F	-	11	CM0011	-	6511	CM0011	
4	Yes	10-Sep-2019	SOG	Chum	CM/SX990004	Total	0+	188	71	-	-	-	-	-	6600	-	LW (D3, healed)
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	223	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	234	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	246	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	249	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	240	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	246	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	223	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	240	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	255	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
4	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
5	Yes	10-Sep-2019	SOG	Chum	CM0012	Total	0+	218	109	M	-	12	CM0012	-	6512	-	
6	Yes	10-Sep-2019	SOG	Chum	CM0013	Total	1+	750	7100	M	-	13	CM0013	Yes	6513	CM0013	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	199	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	134	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	199	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	195	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	194	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	264	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	190	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	184	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	195	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	186	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	184	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	196	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	191	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	179	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	190	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	198	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	190	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	CM0014	Random	0+	291	282	F	-	14	CM0014	-	6514	-	
7	Yes	11-Sep-2019	SOG	Chum	CM0015	Random	0+	217	-	M	-	15	CM0015	-	6515	-	
7	Yes	11-Sep-2019	SOG	Chum	CM0016	Random	0+	215	-	M	-	16	CM0016	-	6516	-	
7	Yes	11-Sep-2019	SOG	Chum	CM0017	Random	0+	194	-	M	-	17	CM0017	-	6517	-	
7	Yes	11-Sep-2019	SOG	Chum	CM0018	Random	0+	198	-	M	-	18	CM0018	-	6518	-	
7	Yes	11-Sep-2019	SOG	Chum	CM0019	Random	0+	215	-	F	-	19	CM0019	-	6519	-	
7	Yes	11-Sep-2019	SOG	Chum	CM0020	Random	0+	195	-	M	-	20	CM0020	-	6520	-	
7	Yes	11-Sep-2019	SOG	Chum	CM0021	Random	0+	211	-	F	-	21	CM0021	-	6521	-	
7	Yes	11-Sep-2019	SOG	Chum	CM0022	Random	0+	223	-	M	-	22	CM0022	-	6522	-	
7	Yes	11-Sep-2019	SOG	Chum	CM0023	Random	0+	207	-	M	-	23	CM0023	-	6523	-	
7	Yes	11-Sep-2019	SOG	Chum	CM0024	Random	0+	234	-	M	-	24	CM0024	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	CM0025	Random	0+	217	-	M	-	25	CM0025	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	CM0026	Random	0+	226	-	M	-	26	CM0026	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	CM0027	Random	0+	223	-	M	-	27	CM0027	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	268	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	182	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	198	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	188	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	198	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	248	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	245	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	229	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	231	-	-	-	-	-	-	-	-	
7	Yes	11-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
12	Yes	11-Sep-2019	SOG	Chum	CM0028	Total	0+	235	135	F	-	28	CM0028	-	6528	-	
12	Yes	11-Sep-2019	SOG	Chum	CM0029	Total	0+	212	104	F	-	29	CM0029	-	6529	-	
12	Yes	11-Sep-2019	SOG	Chum	CM0030	Total	0+	209	103	F	-	30	CM0030	-	6530	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
12	Yes	11-Sep-2019	SOG	Chum	CM0031	Total	0+	205	83	M	-	31	CM0031	-	6531	-	
12	Yes	11-Sep-2019	SOG	Chum	CM0032	Total	0+	229	143	F	-	32	CM0032	-	6532	-	
12	Yes	11-Sep-2019	SOG	Chum	CM0033	Total	0+	211	102	F	-	33	CM0033	-	6533	-	
12	Yes	11-Sep-2019	SOG	Chum	CM0034	Total	0+	235	142	M	-	34	CM0034	-	6534	-	
12	Yes	11-Sep-2019	SOG	Chum	CM0035	Total	0+	190	73	M	-	35	CM0035	-	6535	-	LAC (RV2, 1.5 cm)
12	Yes	11-Sep-2019	SOG	Chum	CM0036	Total	0+	204	90	F	-	36	CM0036	-	6536	-	
12	Yes	11-Sep-2019	SOG	Chum	CM0037	Total	0+	226	129	F	-	37	CM0037	-	6537	-	
12	Yes	11-Sep-2019	SOG	Chum	CM0038	Total	0+	205	93	M	-	38	CM0038	-	6538	-	
12	Yes	11-Sep-2019	SOG	Chum	CM0039	Total	0+	237	156	M	-	39	CM0039	-	6539	-	
12	Yes	11-Sep-2019	SOG	Chum	CM0040	Total	0+	251	187	M	-	40	CM0040	-	6540	-	
13	Yes	11-Sep-2019	SOG	Chum	CM0041	Total	0+	220	121	F	-	41	CM0041	-	6541	-	
13	Yes	11-Sep-2019	SOG	Chum	CM0042	Total	0+	216	111	M	-	42	CM0042	-	6542	-	
13	Yes	11-Sep-2019	SOG	Chum	CM0043	Total	0+	211	99	M	-	43	CM0043	-	6543	-	
13	Yes	11-Sep-2019	SOG	Chum	CM0044	Total	0+	202	93	F	-	44	CM0044	-	6544	-	
13	Yes	11-Sep-2019	SOG	Chum	CM0045	Total	0+	199	88	F	-	45	CM0045	-	6545	-	
13	Yes	11-Sep-2019	SOG	Chum	CM0046	Total	0+	223	117	M	-	46	CM0046	-	6546	-	
13	Yes	11-Sep-2019	SOG	Chum	CM0047	Total	0+	190	69	M	-	47	CM0047	-	6547	-	
13	Yes	11-Sep-2019	SOG	Chum	CM0048	Total	0+	199	97	F	-	48	CM0048	-	6548	-	
13	Yes	11-Sep-2019	SOG	Chum	CM0049	Total	1+	370	389	F	-	49	CM0049	-	6602	CM0049	
14	Yes	12-Sep-2019	SOG	Chum	CM0050	Random	0+	217	107	M	-	50	CM0050	-	6549	-	
14	Yes	12-Sep-2019	SOG	Chum	CM0051	Random	0+	210	98	F	-	51	CM0051	-	6550	-	
14	Yes	12-Sep-2019	SOG	Chum	CM0052	Random	0+	206	96	F	-	52	CM0052	-	6551	-	
14	Yes	12-Sep-2019	SOG	Chum	CM0053	Random	0+	205	91	F	-	53	CM0053	-	6552	-	
14	Yes	12-Sep-2019	SOG	Chum	CM0054	Random	0+	204	102	F	-	54	CM0054	-	6553	-	
14	Yes	12-Sep-2019	SOG	Chum	CM0055	Random	0+	207	105	F	-	55	CM0055	-	6554	-	
14	Yes	12-Sep-2019	SOG	Chum	CM0056	Random	0+	205	93	M	-	56	CM0056	-	6555	-	
14	Yes	12-Sep-2019	SOG	Chum	CM0057	Random	0+	203	100	M	-	57	CM0057	-	6556	-	
14	Yes	12-Sep-2019	SOG	Chum	CM0058	Random	0+	206	84	F	-	58	CM0058	-	6557	-	
14	Yes	12-Sep-2019	SOG	Chum	CM0059	Random	0+	190	75	F	-	59	CM0059	-	6558	-	
14	Yes	12-Sep-2019	SOG	Chum	CM0060	Random	0+	220	116	F	-	60	CM0060	-	6559	-	
14	Yes	12-Sep-2019	SOG	Chum	CM0061	Random	0+	213	110	F	-	61	CM0061	-	6560	-	
14	Yes	12-Sep-2019	SOG	Chum	CM0062	Random	0+	230	133	M	-	62	CM0062	-	6561	-	
14	Yes	12-Sep-2019	SOG	Chum	CM0063	Random	0+	199	90	M	-	63	CM0063	-	6562	-	
14	Yes	12-Sep-2019	SOG	Chum	CM0064	Random	0+	207	95	F	-	64	CM0064	-	6563	-	
14	Yes	12-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Chum	-	Random	0+	199	-	-	-	-	-	-	-	-	
14	Yes	12-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
14	Yes	12-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
15	No	12-Sep-2019	SOG	Chum	CM0065	Total	0+	215	108	M	-	65	CM0065	-	6564	-	
15	No	12-Sep-2019	SOG	Chum	CM0066	Total	0+	217	116	F	-	66	CM0066	-	6565	-	
16	No	12-Sep-2019	SOG	Chum	CM0067	Random	0+	224	128	-	-	-	-	-	6566	-	
16	No	12-Sep-2019	SOG	Chum	CM0068	Random	0+	210	107	-	-	-	-	-	6567	-	
16	No	12-Sep-2019	SOG	Chum	CM0069	Random	0+	215	98	-	-	-	-	-	6568	-	
16	No	12-Sep-2019	SOG	Chum	CM0070	Random	0+	221	120	-	-	-	-	-	6569	-	
16	No	12-Sep-2019	SOG	Chum	CM0071	Random	0+	214	87	-	-	-	-	-	6570	-	
16	No	12-Sep-2019	SOG	Chum	CM0072	Random	0+	204	91	-	-	-	-	-	6571	-	
16	No	12-Sep-2019	SOG	Chum	CM0073	Random	0+	201	93	-	-	-	-	-	6572	-	
16	No	12-Sep-2019	SOG	Chum	CM0074	Random	0+	205	93	-	-	-	-	-	6573	-	
16	No	12-Sep-2019	SOG	Chum	CM0075	Random	0+	221	114	-	-	-	-	-	6574	-	
16	No	12-Sep-2019	SOG	Chum	CM0076	Random	0+	204	90	-	-	-	-	-	6575	-	
16	No	12-Sep-2019	SOG	Chum	CM0077	Random	0+	208	97	-	-	-	-	-	6576	-	
16	No	12-Sep-2019	SOG	Chum	CM0078	Random	0+	210	92	-	-	-	-	-	6577	-	
16	No	12-Sep-2019	SOG	Chum	CM0079	Random	0+	220	132	-	-	-	-	-	6578	-	
16	No	12-Sep-2019	SOG	Chum	CM0080	Random	0+	201	85	-	-	-	-	-	6579	-	
16	No	12-Sep-2019	SOG	Chum	CM0081	Random	0+	213	107	-	-	-	-	-	6580	-	
16	No	12-Sep-2019	SOG	Chum	CM0082	Select ⁵	0+	210	98	-	-	-	-	-	6581	-	DEF (jaw)
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	199	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	198	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	194	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	245	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	199	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
16	No	12-Sep-2019	SOG	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	CM0083	Random	0+	215	98	F	-	67	CM0083	-	6582	-	
17	No	12-Sep-2019	SOG	Chum	CM0084	Random	0+	210	99	F	-	68	CM0084	-	6583	-	
17	No	12-Sep-2019	SOG	Chum	CM0085	Random	0+	204	91	F	-	69	CM0085	-	6584	-	
17	No	12-Sep-2019	SOG	Chum	CM0086	Random	0+	216	97	M	-	70	CM0086	-	6585	-	
17	No	12-Sep-2019	SOG	Chum	CM0087	Random	0+	205	90	F	-	71	CM0087	-	6586	-	
17	No	12-Sep-2019	SOG	Chum	CM0088	Random	0+	225	117	F	-	72	CM0088	-	6587	-	
17	No	12-Sep-2019	SOG	Chum	CM0089	Random	0+	214	101	F	-	73	CM0089	-	6588	-	
17	No	12-Sep-2019	SOG	Chum	CM0090	Random	0+	218	102	F	-	74	CM0090	-	6589	-	
17	No	12-Sep-2019	SOG	Chum	CM0091	Random	0+	214	99	M	-	75	CM0091	-	6590	-	
17	No	12-Sep-2019	SOG	Chum	CM0092	Random	0+	210	94	F	-	76	CM0092	-	6591	-	
17	No	12-Sep-2019	SOG	Chum	CM0093	Random	0+	229	118	M	-	77	CM0093	-	6592	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
17	No	12-Sep-2019	SOG	Chum	CM0094	Random	0+	214	96	F	-	78	CM0094	-	6593	-	
17	No	12-Sep-2019	SOG	Chum	CM0095	Random	0+	220	107	F	-	79	CM0095	-	6594	-	
17	No	12-Sep-2019	SOG	Chum	CM0096	Random	0+	229	141	M	-	80	CM0096	-	6595	-	
17	No	12-Sep-2019	SOG	Chum	CM0097	Random	0+	218	111	M	-	81	CM0097	-	6596	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	231	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	233	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	198	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
17	No	12-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
20	No	12-Sep-2019	DESO	Chum	CM0098	Total	0+	215	108	F	-	82	CM0098	-	6597	-	
20	No	12-Sep-2019	DESO	Chum	CM0099	Total	0+	213	108	M	-	83	CM0099	-	6598	-	
20	No	12-Sep-2019	DESO	Chum	CM0100	Total	0+	201	86	M	-	84	CM0100	-	6599	-	
20	No	12-Sep-2019	DESO	Chum	CM0101	Total	0+	200	87	M	-	85	CM0101	-	6603	-	
20	No	12-Sep-2019	DESO	Chum	CM0102	Total	0+	201	85	F	-	86	CM0102	-	6604	-	
20	No	12-Sep-2019	DESO	Chum	CM0103	Total	0+	200	82	M	-	87	CM0103	-	6605	-	
20	No	12-Sep-2019	DESO	Chum	CM0104	Total	0+	218	107	F	-	88	CM0104	-	6606	-	
20	No	12-Sep-2019	DESO	Chum	CM0105	Total	0+	206	95	M	-	89	CM0105	-	6607	-	
20	No	12-Sep-2019	DESO	Chum	CM0106	Total	0+	191	75	M	-	90	CM0106	-	6608	-	
20	No	12-Sep-2019	DESO	Chum	CM0107	Total	0+	210	101	F	-	91	CM0107	-	6609	-	
20	No	12-Sep-2019	DESO	Chum	CM0108	Total	0+	212	106	F	-	92	CM0108	-	6610	-	
20	No	12-Sep-2019	DESO	Chum	CM0109	Total	0+	200	86	M	-	93	CM0109	-	6611	-	
21	No	12-Sep-2019	DESO	Chum	CM0110	Random	0+	201	93	F	-	94	CM0110	-	6612	-	
21	No	12-Sep-2019	DESO	Chum	CM0111	Random	0+	215	111	M	-	95	CM0111	-	6613	-	
21	No	12-Sep-2019	DESO	Chum	CM0112	Random	0+	208	94	F	-	96	CM0112	-	6614	-	
21	No	12-Sep-2019	DESO	Chum	CM0113	Random	0+	202	90	M	-	97	CM0113	-	6615	-	
21	No	12-Sep-2019	DESO	Chum	CM0114	Random	0+	205	95	M	-	98	CM0114	-	6616	-	
21	No	12-Sep-2019	DESO	Chum	CM0115	Random	0+	208	92	M	-	99	CM0115	-	6617	-	
21	No	12-Sep-2019	DESO	Chum	CM0116	Random	0+	215	108	M	-	100	CM0116	-	6618	-	
21	No	12-Sep-2019	DESO	Chum	CM0117	Random	0+	203	92	F	-	101	CM0117	-	6619	-	
21	No	12-Sep-2019	DESO	Chum	CM0118	Random	0+	205	96	F	-	102	CM0118	-	6620	-	
21	No	12-Sep-2019	DESO	Chum	CM0119	Random	0+	198	91	M	-	103	CM0119	-	6621	-	
21	No	12-Sep-2019	DESO	Chum	CM0120	Random	0+	208	100	M	-	104	CM0120	-	6622	-	
21	No	12-Sep-2019	DESO	Chum	CM0121	Random	0+	205	102	M	-	105	CM0121	-	6623	-	
21	No	12-Sep-2019	DESO	Chum	CM0122	Random	0+	195	90	F	-	106	CM0122	-	6624	-	
21	No	12-Sep-2019	DESO	Chum	CM0123	Random	0+	205	100	M	-	107	CM0123	-	6625	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
21	No	12-Sep-2019	DESO	Chum	CM0124	Random	0+	196	88	M	-	108	CM0124	-	6626	-	
21	No	12-Sep-2019	DESO	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
21	No	12-Sep-2019	DESO	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
21	No	12-Sep-2019	DESO	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
21	No	12-Sep-2019	DESO	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
21	No	12-Sep-2019	DESO	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
21	No	12-Sep-2019	DESO	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
21	No	12-Sep-2019	DESO	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
21	No	12-Sep-2019	DESO	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
21	No	12-Sep-2019	DESO	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
21	No	12-Sep-2019	DESO	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
21	No	12-Sep-2019	DESO	Chum	-	Random	0+	197	-	-	-	-	-	-	-	-	
21	No	12-Sep-2019	DESO	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
21	No	12-Sep-2019	DESO	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
21	No	12-Sep-2019	DESO	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
22	No	12-Sep-2019	DESO	Chum	CM0125	Total	0+	213	106	M	-	109	CM0125	-	6627	-	
23	No	12-Sep-2019	DESO	Chum	-	Total	0+	208	-	-	-	-	-	-	-	-	
23	No	12-Sep-2019	DESO	Chum	-	Total	0+	210	-	-	-	-	-	-	-	-	
23	No	12-Sep-2019	DESO	Chum	-	Total	0+	202	-	-	-	-	-	-	-	-	
23	No	12-Sep-2019	DESO	Chum	-	Total	0+	216	-	-	-	-	-	-	-	-	
23	No	12-Sep-2019	DESO	Chum	-	Total	0+	198	-	-	-	-	-	-	-	-	
23	No	12-Sep-2019	DESO	Chum	-	Total	0+	204	-	-	-	-	-	-	-	-	
23	No	12-Sep-2019	DESO	Chum	-	Total	0+	204	-	-	-	-	-	-	-	-	
23	No	12-Sep-2019	DESO	Chum	-	Total	0+	198	-	-	-	-	-	-	-	-	
23	No	12-Sep-2019	DESO	Chum	-	Total	0+	208	-	-	-	-	-	-	-	-	
23	No	12-Sep-2019	DESO	Chum	-	Total	0+	191	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	CM0126	Random	0+	214	104	M	-	110	CM0126	-	6628	-	
24	No	13-Sep-2019	DESO	Chum	CM0127	Random	0+	225	110	M	-	111	CM0127	-	6629	-	
24	No	13-Sep-2019	DESO	Chum	CM0128	Random	0+	195	77	M	-	112	CM0128	-	6630	-	
24	No	13-Sep-2019	DESO	Chum	CM0129	Random	0+	211	98	F	-	113	CM0129	-	6631	-	
24	No	13-Sep-2019	DESO	Chum	CM0130	Random	0+	208	96	M	-	114	CM0130	-	6632	-	
24	No	13-Sep-2019	DESO	Chum	CM0131	Random	0+	221	113	M	-	115	CM0131	-	6633	-	
24	No	13-Sep-2019	DESO	Chum	CM0132	Random	0+	227	129	M	-	116	CM0132	-	6634	-	
24	No	13-Sep-2019	DESO	Chum	CM0133	Random	0+	212	106	M	-	117	CM0133	-	6635	-	
24	No	13-Sep-2019	DESO	Chum	CM0134	Random	0+	217	104	F	-	118	CM0134	-	6636	-	
24	No	13-Sep-2019	DESO	Chum	CM0135	Random	0+	212	98	F	-	119	CM0135	-	6637	-	
24	No	13-Sep-2019	DESO	Chum	CM0136	Random	0+	216	101	M	-	120	CM0136	-	6638	-	
24	No	13-Sep-2019	DESO	Chum	CM0137	Random	0+	217	112	F	-	121	CM0137	-	6639	-	
24	No	13-Sep-2019	DESO	Chum	CM0138	Random	0+	218	108	M	-	122	CM0138	-	6640	-	
24	No	13-Sep-2019	DESO	Chum	CM0139	Random	0+	171	42	M	-	123	CM0139	-	6641	-	Skinny

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
24	No	13-Sep-2019	DESO	Chum	CM0140	Random	0+	201	97	F	-	124	CM0140	-	6642	-	
24	No	13-Sep-2019	DESO	Chum	CM0141	Random	1+	770	4989	F	-	125	CM0141	-	6643	CM0141	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	217	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
24	No	13-Sep-2019	DESO	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
25	No	13-Sep-2019	DESO	Chum	CM0142	Random	0+	223	123	F	-	126	CM0142	-	6644	-	
25	No	13-Sep-2019	DESO	Chum	CM0143	Random	0+	209	96	M	-	127	CM0143	-	6645	-	
25	No	13-Sep-2019	DESO	Chum	CM0144	Random	0+	215	105	M	-	128	CM0144	-	6646	-	
25	No	13-Sep-2019	DESO	Chum	CM0145	Random	0+	204	86	M	-	129	CM0145	-	6647	-	
25	No	13-Sep-2019	DESO	Chum	CM0146	Random	0+	211	95	M	-	130	CM0146	-	6648	-	
25	No	13-Sep-2019	DESO	Chum	-	Random	0+	195	-	-	-	-	-	-	-	-	
25	No	13-Sep-2019	DESO	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
25	No	13-Sep-2019	DESO	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
25	No	13-Sep-2019	DESO	Chum	-	Random	0+	187	-	-	-	-	-	-	-	-	
25	No	13-Sep-2019	DESO	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
25	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
25	No	13-Sep-2019	DESO	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
25	No	13-Sep-2019	DESO	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
25	No	13-Sep-2019	DESO	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
25	No	13-Sep-2019	DESO	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	BM
26	No	13-Sep-2019	DESO	Chum	CM0147	Random	0+	211	109	F	-	131	CM0147	-	6649	-	
26	No	13-Sep-2019	DESO	Chum	CM0148	Random	0+	209	97	F	-	132	CM0148	-	6650	-	
26	No	13-Sep-2019	DESO	Chum	CM0149	Random	0+	215	102	F	-	133	CM0149	-	6651	-	
26	No	13-Sep-2019	DESO	Chum	CM0150	Random	0+	212	106	F	-	134	CM0150	-	6652	-	
26	No	13-Sep-2019	DESO	Chum	CM0151	Random	0+	207	92	F	-	135	CM0151	-	6653	-	
26	No	13-Sep-2019	DESO	Chum	CM0152	Random	0+	219	110	M	-	136	CM0152	-	6654	-	
26	No	13-Sep-2019	DESO	Chum	CM0153	Random	0+	215	103	F	-	137	CM0153	-	6655	-	
26	No	13-Sep-2019	DESO	Chum	CM0154	Random	0+	202	88	M	-	138	CM0154	-	6656	-	
26	No	13-Sep-2019	DESO	Chum	CM0155	Random	0+	209	100	M	-	139	CM0155	-	6657	-	
26	No	13-Sep-2019	DESO	Chum	CM0156	Random	0+	228	133	F	-	140	CM0156	-	6658	-	
26	No	13-Sep-2019	DESO	Chum	CM0157	Random	0+	207	107	F	-	141	CM0157	-	6659	-	
26	No	13-Sep-2019	DESO	Chum	CM0158	Random	0+	207	92	F	-	142	CM0158	-	6660	-	
26	No	13-Sep-2019	DESO	Chum	CM0159	Random	0+	228	140	M	-	143	CM0159	-	6661	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
26	No	13-Sep-2019	DESO	Chum	CM0160	Random	0+	214	107	M	-	144	CM0160	-	6662	-	
26	No	13-Sep-2019	DESO	Chum	CM0161	Random	0+	210	108	F	-	145	CM0161	-	6663	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	BM
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	199	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	196	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	194	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	BM
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	BM
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	194	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	194	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	223	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
26	No	13-Sep-2019	DESO	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	CM0162	Random	0+	220	120	M	-	146	CM0162	-	6664	-	
27	No	13-Sep-2019	DESO	Chum	CM0163	Random	0+	204	88	F	-	147	CM0163	-	6665	-	GC
27	No	13-Sep-2019	DESO	Chum	CM0164	Random	0+	214	110	M	-	148	CM0164	-	6666	-	
27	No	13-Sep-2019	DESO	Chum	CM0165	Random	0+	213	112	M	-	149	CM0165	-	6667	-	
27	No	13-Sep-2019	DESO	Chum	CM0166	Random	0+	224	115	M	-	150	CM0166	-	6668	-	
27	No	13-Sep-2019	DESO	Chum	CM0167	Random	0+	210	97	M	-	151	CM0167	-	6669	-	
27	No	13-Sep-2019	DESO	Chum	CM0168	Random	0+	212	100	M	-	152	CM0168	-	6670	-	
27	No	13-Sep-2019	DESO	Chum	CM0169	Random	0+	233	139	M	-	153	CM0169	-	6671	-	
27	No	13-Sep-2019	DESO	Chum	CM0170	Random	0+	208	97	M	-	154	CM0170	-	6672	-	
27	No	13-Sep-2019	DESO	Chum	CM0171	Random	0+	221	127	F	-	155	CM0171	-	6673	-	
27	No	13-Sep-2019	DESO	Chum	CM0172	Random	0+	208	97	F	-	156	CM0172	-	6674	-	
27	No	13-Sep-2019	DESO	Chum	CM0173	Random	0+	203	91	M	-	157	CM0173	-	6675	-	
27	No	13-Sep-2019	DESO	Chum	CM0174	Random	0+	212	94	F	-	158	CM0174	-	6676	-	
27	No	13-Sep-2019	DESO	Chum	CM0175	Random	0+	214	103	M	-	159	CM0175	-	6677	-	
27	No	13-Sep-2019	DESO	Chum	CM0176	Random	0+	213	97	M	-	160	CM0176	-	6678	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	198	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	196	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	191	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
27	No	13-Sep-2019	DESO	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	CM0177	Random	0+	217	117	F	-	161	CM0177	-	6679	-	
29	No	13-Sep-2019	DESO	Chum	CM0178	Random	0+	212	106	M	-	162	CM0178	-	6680	-	BM (6 cm)
29	No	13-Sep-2019	DESO	Chum	CM0179	Random	0+	194	-	M	-	163	CM0179	-	6681	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
29	No	13-Sep-2019	DESO	Chum	CM0180	Random	0+	218	105	F	-	164	CM0180	-	6682	-	
29	No	13-Sep-2019	DESO	Chum	CM0181	Random	0+	205	102	M	-	165	CM0181	-	6683	-	
29	No	13-Sep-2019	DESO	Chum	CM0182	Random	0+	214	109	M	-	166	CM0182	-	6684	-	
29	No	13-Sep-2019	DESO	Chum	CM0183	Random	0+	202	89	-	-	167	CM0183	-	6685	-	
29	No	13-Sep-2019	DESO	Chum	CM0184	Random	0+	221	117	M	-	168	CM0184	-	6686	-	
29	No	13-Sep-2019	DESO	Chum	CM0185	Random	0+	214	106	M	-	169	CM0185	-	6687	-	
29	No	13-Sep-2019	DESO	Chum	CM0186	Random	0+	207	98	F	-	170	CM0186	-	6688	-	
29	No	13-Sep-2019	DESO	Chum	CM0187	Random	0+	206	97	F	-	171	CM0187	-	6689	-	
29	No	13-Sep-2019	DESO	Chum	CM0188	Random	0+	219	99	F	-	172	CM0188	-	6690	-	
29	No	13-Sep-2019	DESO	Chum	CM0189	Random	0+	207	92	F	-	173	CM0189	-	6691	-	
29	No	13-Sep-2019	DESO	Chum	CM0190	Random	0+	220	130	M	-	174	CM0190	-	6692	-	
29	No	13-Sep-2019	DESO	Chum	CM0191	Random	0+	216	113	M	-	175	CM0191	-	6693	-	BM (5 cm)
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	195	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	195	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	196	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	186	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	195	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	223	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	BM
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
29	No	13-Sep-2019	DESO	Chum	-	Random	0+	217	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	225	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	208	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	190	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	206	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	213	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	200	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	201	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	175	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	196	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	195	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	186	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	205	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	197	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	191	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	218	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	190	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	210	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	198	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	188	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	196	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	219	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	213	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	200	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	200	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	201	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Chum	-	Total	0+	206	-	-	-	-	-	-	-	-	
32	No	14-Sep-2019	DISC	Chum	CM0192	Total	0+	195	78	F	-	176	CM0192	-	6694	-	
32	No	14-Sep-2019	DISC	Chum	CM0193	Total	0+	212	88	M	-	177	CM0193	-	6695	-	
32	No	14-Sep-2019	DISC	Chum	CM0194	Total	0+	202	89	F	-	178	CM0194	-	6696	-	GC
32	No	14-Sep-2019	DISC	Chum	CM0195	Total	0+	196	79	M	-	179	CM0195	-	6697	-	
32	No	14-Sep-2019	DISC	Chum	CM0196	Total	0+	196	81	F	-	180	CM0196	-	6698	-	
33	No	14-Sep-2019	DISC	Chum	-	Total	0+	200	-	-	-	-	-	-	-	-	
33	No	14-Sep-2019	DISC	Chum	-	Total	0+	195	-	-	-	-	-	-	-	-	
34	No	14-Sep-2019	DISC	Chum	CM0197	Random	0+	204	86	F	-	181	CM0197	-	6699	-	
34	No	14-Sep-2019	DISC	Chum	CM0198	Random	0+	186	69	F	-	182	CM0198	-	6700	-	
34	No	14-Sep-2019	DISC	Chum	CM0199	Random	0+	210	97	M	-	183	CM0199	-	6701	-	
34	No	14-Sep-2019	DISC	Chum	CM0200	Random	0+	205	89	F	-	184	CM0200	-	6702	-	
34	No	14-Sep-2019	DISC	Chum	CM0201	Random	0+	205	94	M	-	185	CM0201	-	6703	-	
34	No	14-Sep-2019	DISC	Chum	CM/SX990047	Total	0+	209	100	F	-	18	-	-	6601	-	IGF
34	No	14-Sep-2019	DISC	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
34	No	14-Sep-2019	DISC	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
34	No	14-Sep-2019	DISC	Chum	-	Random	0+	187	-	-	-	-	-	-	-	-	
34	No	14-Sep-2019	DISC	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	CM0202	Random	0+	204	86	F	-	186	CM0202	-	6704	-	
35	No	14-Sep-2019	DISC	Chum	CM0203	Random	0+	197	78	M	-	187	CM0203	-	6705	-	
35	No	14-Sep-2019	DISC	Chum	CM0204	Random	0+	204	91	M	-	188	CM0204	-	6706	-	
35	No	14-Sep-2019	DISC	Chum	CM0205	Random	0+	216	107	M	-	189	CM0205	-	6707	-	
35	No	14-Sep-2019	DISC	Chum	CM0206	Random	0+	204	87	M	-	190	CM0206	-	6708	-	
35	No	14-Sep-2019	DISC	Chum	CM0207	Random	0+	210	107	F	-	191	CM0207	-	6709	-	
35	No	14-Sep-2019	DISC	Chum	CM0208	Random	0+	199	86	F	-	192	CM0208	-	6710	-	
35	No	14-Sep-2019	DISC	Chum	CM0209	Random	0+	200	87	M	-	193	CM0209	-	6711	-	
35	No	14-Sep-2019	DISC	Chum	CM0210	Random	0+	229	130	M	-	194	CM0210	-	6712	-	Skinny
35	No	14-Sep-2019	DISC	Chum	CM0211	Random	0+	204	92	F	-	195	CM0211	-	6713	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	190	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	193	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	199	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	194	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	197	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	198	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	196	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	194	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	190	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	217	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	227	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	217	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	184	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	217	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	199	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	192	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	189	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	194	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
36	No	14-Sep-2019	DISC	Chum	-	Total	0+	204	-	-	-	-	-	-	-	-	
36	No	14-Sep-2019	DISC	Chum	-	Total	0+	205	-	-	-	-	-	-	-	-	
36	No	14-Sep-2019	DISC	Chum	-	Total	0+	186	-	-	-	-	-	-	-	-	
36	No	14-Sep-2019	DISC	Chum	-	Total	0+	211	-	-	-	-	-	-	-	-	
36	No	14-Sep-2019	DISC	Chum	-	Total	0+	208	-	-	-	-	-	-	-	-	
36	No	14-Sep-2019	DISC	Chum	-	Total	0+	206	-	-	-	-	-	-	-	-	
37	No	14-Sep-2019	DISC	Chum	CM0212	Total	0+	206	96	M	-	196	CM0212	-	6714	-	
37	No	14-Sep-2019	DISC	Chum	CM0213	Total	0+	220	112	M	-	197	CM0213	-	6715	-	
37	No	14-Sep-2019	DISC	Chum	CM0214	Total	0+	202	85	M	-	198	CM0214	-	6716	-	
37	No	14-Sep-2019	DISC	Chum	CM0215	Total	0+	203	82	F	-	199	CM0215	-	6717	-	
37	No	14-Sep-2019	DISC	Chum	CM0216	Total	0+	200	80	M	-	200	CM0216	-	6718	-	
37	No	14-Sep-2019	DISC	Chum	CM0217	Total	0+	206	90	F	-	201	CM0217	-	6719	-	
37	No	14-Sep-2019	DISC	Chum	CM0218	Total	0+	192	77	F	-	202	CM0218	-	6720	-	
37	No	14-Sep-2019	DISC	Chum	CM0219	Total	0+	203	79	F	-	203	CM0219	-	6721	-	
37	No	14-Sep-2019	DISC	Chum	CM0220	Total	0+	218	111	M	-	204	CM0220	-	6722	-	
37	No	14-Sep-2019	DISC	Chum	CM0221	Total	0+	190	86	M	-	205	CM0221	-	6723	-	
40	No	15-Sep-2019	SOG	Chum	CM0222	Random	0+	284	261	F	-	206	CM0222	-	6724	-	
40	No	15-Sep-2019	SOG	Chum	CM0223	Random	0+	210	105	M	-	207	CM0223	-	6725	-	
40	No	15-Sep-2019	SOG	Chum	CM0224	Random	0+	198	90	M	-	208	CM0224	-	6726	-	
40	No	15-Sep-2019	SOG	Chum	CM0225	Random	0+	210	97	M	-	209	CM0225	-	6727	-	
40	No	15-Sep-2019	SOG	Chum	CM0226	Random	0+	190	68	F	-	210	CM0226	-	6728	-	
40	No	15-Sep-2019	SOG	Chum	CM0227	Random	0+	213	102	F	-	211	CM0227	-	6729	-	
40	No	15-Sep-2019	SOG	Chum	CM0228	Random	0+	190	71	F	-	212	CM0228	-	6730	-	
40	No	15-Sep-2019	SOG	Chum	CM0229	Random	0+	210	97	F	-	213	CM0229	-	6731	-	
40	No	15-Sep-2019	SOG	Chum	CM0230	Random	0+	199	102	F	-	214	CM0230	-	6732	-	
40	No	15-Sep-2019	SOG	Chum	CM0231	Random	0+	218	115	M	-	215	CM0231	-	6733	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	190	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	198	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	188	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	185	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	198	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	192	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	198	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	198	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
40	No	15-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
41	Yes	15-Sep-2019	SOG	Chum	CM0232	Random	0+	259	198	M	-	216	CM0232	-	6734	-	
41	Yes	15-Sep-2019	SOG	Chum	CM0233	Random	0+	223	117	F	-	217	CM0233	-	6735	-	
41	Yes	15-Sep-2019	SOG	Chum	CM0234	Random	0+	196	82	M	-	218	CM0234	-	6736	-	
41	Yes	15-Sep-2019	SOG	Chum	CM0235	Random	0+	204	91	M	-	219	CM0235	-	6737	-	
41	Yes	15-Sep-2019	SOG	Chum	CM0236	Random	0+	217	121	F	-	220	CM0236	-	6738	-	
41	Yes	15-Sep-2019	SOG	Chum	CM0237	Random	0+	215	112	M	-	221	CM0237	-	6739	-	
41	Yes	15-Sep-2019	SOG	Chum	CM0238	Random	0+	238	150	F	-	222	CM0238	-	6740	-	
41	Yes	15-Sep-2019	SOG	Chum	CM0239	Random	0+	238	153	F	-	223	CM0239	-	6741	-	
41	Yes	15-Sep-2019	SOG	Chum	CM0240	Random	0+	214	114	M	-	224	CM0240	-	6742	-	
41	Yes	15-Sep-2019	SOG	Chum	CM0241	Random	0+	213	104	M	-	225	CM0241	-	6743	-	
41	Yes	15-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
41	Yes	15-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
41	Yes	15-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
41	Yes	15-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
41	Yes	15-Sep-2019	SOG	Chum	-	Random	0+	199	-	-	-	-	-	-	-	-	
41	Yes	15-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
41	Yes	15-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
41	Yes	15-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
41	Yes	15-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
41	Yes	15-Sep-2019	SOG	Chum	-	Random	0+	223	-	-	-	-	-	-	-	-	
41	Yes	15-Sep-2019	SOG	Chum	-	Random	0+	188	-	-	-	-	-	-	-	-	
41	Yes	15-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
41	Yes	15-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
41	Yes	15-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
42	Yes	15-Sep-2019	SOG	Chum	CM0242	Total	0+	208	91	M	-	226	CM0242	-	6744	-	
42	Yes	15-Sep-2019	SOG	Chum	CM0243	Total	0+	236	149	F	-	227	CM0243	-	6745	-	
44	No	15-Sep-2019	SOG	Chum	CM0244	Random	0+	209	105	F	-	228	CM0244	-	6746	-	
44	No	15-Sep-2019	SOG	Chum	CM0245	Random	0+	213	103	M	-	229	CM0245	-	6747	-	
44	No	15-Sep-2019	SOG	Chum	CM0246	Random	0+	210	99	F	-	230	CM0246	-	6748	-	
44	No	15-Sep-2019	SOG	Chum	CM0247	Random	0+	210	101	M	-	231	CM0247	-	6749	-	
44	No	15-Sep-2019	SOG	Chum	CM0248	Random	0+	208	103	F	-	232	CM0248	-	6750	-	
44	No	15-Sep-2019	SOG	Chum	CM0249	Random	0+	203	90	M	-	233	CM0249	-	6751	-	
44	No	15-Sep-2019	SOG	Chum	CM0250	Random	0+	217	112	F	-	234	CM0250	-	6752	-	
44	No	15-Sep-2019	SOG	Chum	CM0251	Random	0+	214	101	M	-	235	CM0251	-	6753	-	
44	No	15-Sep-2019	SOG	Chum	CM0252	Random	0+	220	110	M	-	236	CM0252	-	6754	-	
44	No	15-Sep-2019	SOG	Chum	CM0253	Random	0+	210	98	F	-	237	CM0253	-	6755	-	
44	No	15-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
44	No	15-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
44	No	15-Sep-2019	SOG	Chum	-	Random	0+	186	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
44	No	15-Sep-2019	SOG	Chum	-	Random	0+	183	-	-	-	-	-	-	-	-	
44	No	15-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
44	No	15-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
44	No	15-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
44	No	15-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
44	No	15-Sep-2019	SOG	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
44	No	15-Sep-2019	SOG	Chum	-	Random	0+	184	-	-	-	-	-	-	-	-	
44	No	15-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
44	No	15-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
44	No	15-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
44	No	15-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
45	No	15-Sep-2019	SOG	Chum	-	Total	0+	231	-	-	-	-	-	-	-	-	
45	No	15-Sep-2019	SOG	Chum	-	Total	0+	207	-	-	-	-	-	-	-	-	
45	No	15-Sep-2019	SOG	Chum	-	Total	0+	240	-	-	-	-	-	-	-	-	
45	No	15-Sep-2019	SOG	Chum	-	Total	0+	224	-	-	-	-	-	-	-	-	
45	No	15-Sep-2019	SOG	Chum	-	Total	0+	198	-	-	-	-	-	-	-	-	
45	No	15-Sep-2019	SOG	Chum	-	Total	0+	230	-	-	-	-	-	-	-	-	
45	No	15-Sep-2019	SOG	Chum	-	Total	0+	196	-	-	-	-	-	-	-	-	
45	No	15-Sep-2019	SOG	Chum	-	Total	0+	209	-	-	-	-	-	-	-	-	
46	No	15-Sep-2019	DESO	Chum	CM0254	Random	0+	205	94	M	-	238	CM0254	-	6756	-	
46	No	15-Sep-2019	DESO	Chum	CM0255	Random	0+	216	116	M	-	239	CM0255	-	6757	-	
46	No	15-Sep-2019	DESO	Chum	CM0256	Random	0+	229	126	M	-	240	CM0256	-	6758	-	
46	No	15-Sep-2019	DESO	Chum	CM0257	Random	0+	220	114	M	-	241	CM0257	-	6759	-	
46	No	15-Sep-2019	DESO	Chum	CM0258	Random	0+	227	137	M	-	242	CM0258	-	6760	-	
46	No	15-Sep-2019	DESO	Chum	CM0259	Random	0+	217	114	M	-	243	CM0259	-	6761	-	
46	No	15-Sep-2019	DESO	Chum	CM0260	Random	0+	210	103	M	-	244	CM0260	-	6762	-	
46	No	15-Sep-2019	DESO	Chum	CM0261	Random	0+	216	116	F	-	245	CM0261	-	6763	-	
46	No	15-Sep-2019	DESO	Chum	CM0262	Random	0+	211	104	M	-	246	CM0262	-	6764	-	
46	No	15-Sep-2019	DESO	Chum	CM0263	Random	0+	210	98	F	-	247	CM0263	-	6765	-	
46	No	15-Sep-2019	DESO	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
46	No	15-Sep-2019	DESO	Chum	-	Random	0+	217	-	-	-	-	-	-	-	-	
46	No	15-Sep-2019	DESO	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
46	No	15-Sep-2019	DESO	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
46	No	15-Sep-2019	DESO	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
46	No	15-Sep-2019	DESO	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
46	No	15-Sep-2019	DESO	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
46	No	15-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
46	No	15-Sep-2019	DESO	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
46	No	15-Sep-2019	DESO	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
46	No	15-Sep-2019	DESO	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
46	No	15-Sep-2019	DESO	Chum	-	Random	0+	227	-	-	-	-	-	-	-	-	
46	No	15-Sep-2019	DESO	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
46	No	15-Sep-2019	DESO	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
46	No	15-Sep-2019	DESO	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
46	No	15-Sep-2019	DESO	Chum	-	Random	0+	229	-	-	-	-	-	-	-	-	
46	No	15-Sep-2019	DESO	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
46	No	15-Sep-2019	DESO	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
46	No	15-Sep-2019	DESO	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
46	No	15-Sep-2019	DESO	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
46	No	15-Sep-2019	DESO	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
47	No	15-Sep-2019	DESO	Chum	CM0264	Random	0+	211	107	F	-	248	CM0264	-	6766	-	
47	No	15-Sep-2019	DESO	Chum	CM0265	Random	0+	225	130	M	-	249	CM0265	-	6767	-	BM (5 cm)
47	No	15-Sep-2019	DESO	Chum	CM0266	Random	0+	221	129	F	-	250	CM0266	-	6768	-	BM (5 cm)I; CAL
47	No	15-Sep-2019	DESO	Chum	CM0267	Random	0+	232	149	F	-	251	CM0267	-	6769	-	
47	No	15-Sep-2019	DESO	Chum	CM0268	Random	0+	222	124	M	-	252	CM0268	-	6770	-	
47	No	15-Sep-2019	DESO	Chum	CM0269	Random	0+	227	131	M	-	253	CM0269	-	6771	-	
47	No	15-Sep-2019	DESO	Chum	CM0270	Random	0+	214	108	M	-	254	CM0270	-	6772	-	BM (5 cm)
47	No	15-Sep-2019	DESO	Chum	CM0271	Random	0+	228	132	F	-	255	CM0271	-	6773	-	
47	No	15-Sep-2019	DESO	Chum	CM0272	Random	0+	205	93	M	-	256	CM0272	-	6774	-	
47	No	15-Sep-2019	DESO	Chum	CM0273	Random	0+	224	134	F	-	257	CM0273	-	6775	-	
47	No	15-Sep-2019	DESO	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
47	No	15-Sep-2019	DESO	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
47	No	15-Sep-2019	DESO	Chum	-	Random	0+	231	-	-	-	-	-	-	-	-	
47	No	15-Sep-2019	DESO	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
47	No	15-Sep-2019	DESO	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
47	No	15-Sep-2019	DESO	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	CM0274	Random	0+	211	113	F	-	258	CM0274	-	6776	-	
48	No	15-Sep-2019	DESO	Chum	CM0275	Random	0+	211	104	F	-	259	CM0275	-	6777	-	
48	No	15-Sep-2019	DESO	Chum	CM0276	Random	0+	208	98	F	-	260	CM0276	-	6778	-	
48	No	15-Sep-2019	DESO	Chum	CM0277	Random	0+	245	158	M	-	261	CM0277	-	6779	-	
48	No	15-Sep-2019	DESO	Chum	CM0278	Random	0+	230	134	F	-	262	CM0278	-	6780	-	
48	No	15-Sep-2019	DESO	Chum	CM0279	Random	0+	211	111	M	-	263	CM0279	-	6781	-	
48	No	15-Sep-2019	DESO	Chum	CM0280	Random	0+	215	110	F	-	264	CM0280	-	6782	-	
48	No	15-Sep-2019	DESO	Chum	CM0281	Random	0+	211	106	M	-	265	CM0281	-	6783	-	
48	No	15-Sep-2019	DESO	Chum	CM0282	Random	0+	213	111	M	-	266	CM0282	-	6784	-	
48	No	15-Sep-2019	DESO	Chum	CM0283	Random	0+	209	102	F	-	267	CM0283	-	6785	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	223	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	249	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	223	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	217	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	192	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	217	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
49	No	15-Sep-2019	DESO	Chum	-	Total	0+	228	-	-	-	-	-	-	-	-	
49	No	15-Sep-2019	DESO	Chum	-	Total	0+	206	-	-	-	-	-	-	-	-	
49	No	15-Sep-2019	DESO	Chum	-	Total	0+	228	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	201	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	242	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	240	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	250	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	215	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	238	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	216	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	220	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	202	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	220	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	250	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	222	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	214	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	218	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	230	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	228	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	215	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	242	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	210	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	226	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	238	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	222	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	236	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	226	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	230	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	221	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	236	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	239	-	-	-	-	-	-	-	-	
51	Yes	16-Sep-2019	SOG	Chum	CM0284	Total	0+	207	94	M	-	268	CM0284	-	6786	-	
51	Yes	16-Sep-2019	SOG	Chum	CM0285	Total	0+	214	106	M	-	269	CM0285	-	6787	-	
51	Yes	16-Sep-2019	SOG	Chum	CM0286	Total	0+	220	112	F	-	270	CM0286	-	6788	-	
51	Yes	16-Sep-2019	SOG	Chum	CM0287	Total	0+	204	89	F	-	271	CM0287	-	6789	-	
52	Yes	16-Sep-2019	SOG	Chum	CM0288	Random	0+	230	127	F	-	272	-	-	6790	-	BM (7 cm)
52	Yes	16-Sep-2019	SOG	Chum	CM0289	Random	0+	225	132	F	-	273	-	-	6791	-	
52	Yes	16-Sep-2019	SOG	Chum	CM0290	Random	0+	202	83	M	-	274	-	-	6792	-	
52	Yes	16-Sep-2019	SOG	Chum	CM0291	Random	0+	202	96	M	-	275	-	-	6793	-	
52	Yes	16-Sep-2019	SOG	Chum	CM0292	Random	0+	207	106	M	-	276	-	-	6794	-	
52	Yes	16-Sep-2019	SOG	Chum	CM0293	Random	0+	196	85	F	-	277	-	-	6795	-	
52	Yes	16-Sep-2019	SOG	Chum	CM0294	Random	0+	224	116	F	-	278	-	-	6796	-	
52	Yes	16-Sep-2019	SOG	Chum	CM0295	Random	0+	206	95	F	-	279	-	-	6797	-	
52	Yes	16-Sep-2019	SOG	Chum	CM0296	Random	0+	204	92	M	-	280	-	-	6798	-	
52	Yes	16-Sep-2019	SOG	Chum	CM0297	Random	0+	215	116	F	-	281	-	-	6799	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	223	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	248	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	189	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	186	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	186	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	199	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	190	-	-	-	-	-	-	-	-	
53	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	209	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	CM0298	Random	0+	234	142	F	-	282	CM0298	-	6800	-	GR; Skinny
55	Yes	16-Sep-2019	SOG	Chum	CM0299	Select ³	0+	192	55	-	-	283	-	-	6801	-	
55	Yes	16-Sep-2019	SOG	Chum	CM0300	Random	0+	225	125	F	-	284	CM0300	-	6802	-	
55	Yes	16-Sep-2019	SOG	Chum	CM0301	Random	0+	226	132	M	-	285	-	-	6803	-	
55	Yes	16-Sep-2019	SOG	Chum	CM0302	Random	0+	220	115	M	-	286	-	-	6804	-	
55	Yes	16-Sep-2019	SOG	Chum	CM0303	Random	0+	248	166	M	-	287	-	-	6805	-	
55	Yes	16-Sep-2019	SOG	Chum	CM0304	Random	0+	233	155	M	-	288	-	-	6806	-	
55	Yes	16-Sep-2019	SOG	Chum	CM0305	Random	0+	216	107	M	-	289	-	-	6807	-	
55	Yes	16-Sep-2019	SOG	Chum	CM0306	Random	0+	215	107	M	-	290	-	-	6808	-	
55	Yes	16-Sep-2019	SOG	Chum	CM0307	Random	0+	270	222	F	-	291	-	-	6809	-	
55	Yes	16-Sep-2019	SOG	Chum	CM0308	Random	0+	250	187	F	-	292	-	-	6810	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	248	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	250	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	242	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	185	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	245	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	249	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	262	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	245	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	250	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	248	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	280	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	265	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	240	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	255	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	246	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	240	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
55	Yes	16-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
56	Yes	16-Sep-2019	SOG	Chum	-	Total	0+	206	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	CM0309	Total	1+	688	3842	F	-	293	CM0309	Yes	6811	CM0309	
59	No	17-Sep-2019	JERV	Chum	CM0310	Random	0+	220	123	M	-	294	CM0310	-	6812	-	
59	No	17-Sep-2019	JERV	Chum	CM0311	Random	0+	222	106	M	-	295	CM0311	-	6813	-	
59	No	17-Sep-2019	JERV	Chum	CM0312	Random	0+	230	136	F	-	296	CM0312	-	6814	-	
59	No	17-Sep-2019	JERV	Chum	CM0313	Random	0+	204	81	F	-	297	CM0313	-	6815	-	BM
59	No	17-Sep-2019	JERV	Chum	CM0314	Random	0+	215	105	F	-	298	CM0314	-	6816	-	
59	No	17-Sep-2019	JERV	Chum	CM0315	Random	0+	202	90	F	-	299	CM0315	-	6817	-	
59	No	17-Sep-2019	JERV	Chum	CM0316	Random	0+	232	141	M	-	300	CM0316	-	6818	-	BM

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
59	No	17-Sep-2019	JERV	Chum	CM0317	Random	0+	195	91	M	-	301	CM0317	-	6819	-	
59	No	17-Sep-2019	JERV	Chum	CM0318	Random	0+	216	117	M	-	302	CM0318	-	6820	-	
59	No	17-Sep-2019	JERV	Chum	CM0319	Random	0+	218	117	F	-	303	CM0319	-	6821	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	250	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	194	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	196	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	196	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	223	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	181	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	198	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	198	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
59	No	17-Sep-2019	JERV	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	CM0320	Random	0+	202	89	F	-	304	CM0320	-	6822	-	
61	No	17-Sep-2019	JERV	Chum	CM0321	Random	0+	192	83	M	-	305	CM0321	-	6823	-	
61	No	17-Sep-2019	JERV	Chum	CM0322	Random	0+	206	97	M	-	306	CM0322	-	6824	-	
61	No	17-Sep-2019	JERV	Chum	CM0323	Random	0+	189	73	M	-	307	CM0323	-	6825	-	
61	No	17-Sep-2019	JERV	Chum	CM0324	Random	0+	248	173	F	-	308	CM0324	-	6826	-	
61	No	17-Sep-2019	JERV	Chum	CM0325	Random	0+	205	105	F	-	309	CM0325	-	6827	-	
61	No	17-Sep-2019	JERV	Chum	CM0326	Random	0+	211	106	F	-	310	CM0326	-	6828	-	
61	No	17-Sep-2019	JERV	Chum	CM0327	Random	0+	214	113	M	-	311	CM0327	-	6829	-	
61	No	17-Sep-2019	JERV	Chum	CM0328	Random	0+	215	112	F	-	312	CM0328	-	6830	-	
61	No	17-Sep-2019	JERV	Chum	CM0329	Random	0+	200	91	F	-	313	CM0329	-	6831	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	196	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	195	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	198	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	198	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	197	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	196	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	190	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	195	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	187	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	197	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	192	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	188	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	191	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	193	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	180	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	190	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
61	No	17-Sep-2019	JERV	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
63	No	17-Sep-2019	JERV	Chum	-	Total	0+	206	-	-	-	-	-	-	-	-	
63	No	17-Sep-2019	JERV	Chum	-	Total	0+	226	-	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	237	166	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	202	101	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	208	98	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	221	132	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	220	133	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	195	88	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	201	98	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	196	78	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	214	133	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	190	85	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	193	79	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	221	126	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	197	103	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	206	104	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	211	114	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	207	113	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	209	100	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	194	83	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	227	142	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	207	100	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	198	90	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	197	92	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	221	129	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	203	110	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	198	92	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	208	111	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	202	98	-	-	-	-	-	-	-	
65	No	17-Sep-2019	JERV	Chum	-	Total	0+	211	112	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	CM0330	Random	0+	240	151	M	-	314	CM0330	-	6832	-	
66	Yes	18-Sep-2019	SOG	Chum	CM0331	Random	0+	210	105	M	-	315	CM0331	-	6833	-	
66	Yes	18-Sep-2019	SOG	Chum	CM0332	Random	0+	215	107	F	-	316	CM0332	-	6834	-	
66	Yes	18-Sep-2019	SOG	Chum	CM0333	Random	0+	240	154	M	-	317	CM0333	-	6835	-	
66	Yes	18-Sep-2019	SOG	Chum	CM0334	Random	0+	218	116	M	-	318	CM0334	-	6836	-	
66	Yes	18-Sep-2019	SOG	Chum	CM0335	Random	0+	216	97	F	-	319	CM0335	-	6837	-	
66	Yes	18-Sep-2019	SOG	Chum	CM0336	Random	0+	230	133	M	-	320	CM0336	-	6838	-	
66	Yes	18-Sep-2019	SOG	Chum	CM0337	Random	0+	225	129	F	-	321	CM0337	-	6839	-	
66	Yes	18-Sep-2019	SOG	Chum	CM0338	Random	0+	210	102	M	-	322	CM0338	-	6840	-	
66	Yes	18-Sep-2019	SOG	Chum	CM0339	Random	0+	220	119	M	-	323	CM0339	-	6841	-	
66	Yes	18-Sep-2019	SOG	Chum	CM0340	Total	1+	371	593	M	-	324	CM0340	-	6842	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	198	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	185	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	196	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	217	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	245	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	196	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	190	-	-	-	-	-	-	-	-	
66	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
67	Yes	18-Sep-2019	SOG	Chum	CM0341	Total	0+	215	114	M	-	325	CM0341	-	6843	-	
68	Yes	18-Sep-2019	SOG	Chum	CM0342	Total	0+	257	185	M	-	326	-	-	6844	-	
68	Yes	18-Sep-2019	SOG	Chum	CM0343	Total	0+	215	109	M	-	327	-	-	6845	-	
68	Yes	18-Sep-2019	SOG	Chum	CM0344	Total	0+	213	110	M	-	328	-	-	6846	-	
68	Yes	18-Sep-2019	SOG	Chum	CM0345	Total	0+	225	120	M	-	329	-	-	6847	-	
68	Yes	18-Sep-2019	SOG	Chum	CM0346	Total	0+	201	86	M	-	330	-	-	6848	-	
68	Yes	18-Sep-2019	SOG	Chum	CM0347	Total	0+	228	125	F	-	331	-	-	6849	-	
68	Yes	18-Sep-2019	SOG	Chum	CM0348	Total	0+	233	134	F	-	332	-	-	6850	-	LW (LV2-3, healed)
68	Yes	18-Sep-2019	SOG	Chum	CM0349	Total	0+	213	99	M	-	333	-	-	6851	-	
68	Yes	18-Sep-2019	SOG	Chum	CM0350	Total	0+	200	87	M	-	334	-	-	6852	-	
69	Yes	18-Sep-2019	SOG	Chum	CM0351	Random	0+	206	85	M	-	335	CM0351	-	6853	-	
69	Yes	18-Sep-2019	SOG	Chum	CM0352	Random	0+	230	130	M	-	336	CM0352	-	6854	-	
69	Yes	18-Sep-2019	SOG	Chum	CM0353	Random	0+	208	91	M	-	337	CM0353	-	6855	-	
69	Yes	18-Sep-2019	SOG	Chum	CM0354	Random	0+	220	110	M	-	338	CM0354	-	6856	-	
69	Yes	18-Sep-2019	SOG	Chum	CM0355	Random	0+	234	142	F	-	339	CM0355	-	6857	-	
69	Yes	18-Sep-2019	SOG	Chum	CM0356	Random	0+	206	86	M	-	340	CM0356	-	6858	-	
69	Yes	18-Sep-2019	SOG	Chum	CM0357	Random	0+	205	70	M	-	341	CM0357	-	6859	-	
69	Yes	18-Sep-2019	SOG	Chum	CM0358	Random	0+	210	95	M	-	342	CM0358	-	6860	-	
69	Yes	18-Sep-2019	SOG	Chum	CM0359	Random	0+	230	125	F	-	343	CM0359	-	6861	-	
69	Yes	18-Sep-2019	SOG	Chum	CM0360	Random	0+	205	87	M	-	344	CM0360	-	6862	-	
69	Yes	18-Sep-2019	SOG	Chum	CM0361	Total	0+	327	335	M	-	345	CM0361	-	6863	CM0361	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	199	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	180	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	194	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	193	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	190	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	191	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	199	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	196	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	198	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	231	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
69	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	186	-	-	-	-	-	-	-	-	
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	220	-	-	-	-	-	-	-	-	
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	206	-	-	-	-	-	-	-	-	
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	211	-	-	-	-	-	-	-	-	
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	218	-	-	-	-	-	-	-	-	
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	200	-	-	-	-	-	-	-	-	
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	212	-	-	-	-	-	-	-	-	
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	221	-	-	-	-	-	-	-	-	
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	220	-	-	-	-	-	-	-	-	
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	195	-	-	-	-	-	-	-	-	
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	208	-	-	-	-	-	-	-	-	
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	210	-	-	-	-	-	-	-	-	
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	224	-	-	-	-	-	-	-	-	
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	235	-	-	-	-	-	-	-	-	
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	225	-	-	-	-	-	-	-	-	
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	240	-	-	-	-	-	-	-	-	
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	205	-	-	-	-	-	-	-	-	
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	216	-	-	-	-	-	-	-	-	
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	218	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	214	-	-	-	-	-	-	-	-	
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	244	-	-	-	-	-	-	-	-	
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	221	-	-	-	-	-	-	-	-	
70	Yes	18-Sep-2019	SOG	Chum	-	Total	0+	205	-	-	-	-	-	-	-	-	
73	Yes	18-Sep-2019	SOG	Chum	CM0362	Random	0+	209	105	M	-	346	CM0362	-	6864	-	
73	Yes	18-Sep-2019	SOG	Chum	CM0363	Random	0+	200	87	F	-	347	CM0363	-	6865	-	
73	Yes	18-Sep-2019	SOG	Chum	CM0364	Random	0+	216	106	M	-	348	CM0364	-	6866	-	GC
73	Yes	18-Sep-2019	SOG	Chum	CM0365	Random	0+	221	112	F	-	349	CM0365	-	6867	-	
73	Yes	18-Sep-2019	SOG	Chum	CM0366	Random	0+	199	78	-	-	350	CM0366	-	6868	-	
73	Yes	18-Sep-2019	SOG	Chum	CM0367	Random	0+	239	142	-	-	351	CM0367	-	6869	-	
73	Yes	18-Sep-2019	SOG	Chum	CM0368	Random	0+	238	153	M	-	352	CM0368	-	6870	-	
73	Yes	18-Sep-2019	SOG	Chum	CM0369	Random	0+	200	86	F	-	353	CM0369	-	6871	-	
73	Yes	18-Sep-2019	SOG	Chum	CM0370	Random	0+	215	113	F	-	354	CM0370	-	6872	-	
73	Yes	18-Sep-2019	SOG	Chum	CM0371	Random	0+	200	72	F	-	355	CM0371	-	6873	-	BM (5 cm); Skinny
73	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	165	-	-	-	-	-	-	-	-	
73	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	199	-	-	-	-	-	-	-	-	
73	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
73	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
73	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	195	-	-	-	-	-	-	-	-	
73	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
73	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
73	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
73	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
73	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	217	-	-	-	-	-	-	-	-	
73	Yes	18-Sep-2019	SOG	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	239	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	245	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	254	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	234	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	234	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	242	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	248	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	190	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	250	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	240	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	241	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	244	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	217	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	229	-	-	-	-	-	-	-	-	
75	Yes	19-Sep-2019	SOG	Chum	-	Random	0+	248	-	-	-	-	-	-	-	-	
76	Yes	19-Sep-2019	SOG	Chum	CM0372	Total	0+	230	124	F	-	356	CM0372	-	6874	-	
76	Yes	19-Sep-2019	SOG	Chum	CM0373	Total	0+	194	74	F	-	357	CM0373	-	6875	-	
78	Yes	19-Sep-2019	SOG	Chum	CM0374	Total	0+	250	170	M	-	358	CM0374	-	6876	-	
78	Yes	19-Sep-2019	SOG	Chum	CM0375	Total	0+	208	94	M	-	359	CM0375	-	6877	-	
78	Yes	19-Sep-2019	SOG	Chum	CM0376	Total	0+	213	97	M	-	360	CM0376	-	6878	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
78	Yes	19-Sep-2019	SOG	Chum	CM0377	Total	0+	209	87	M	-	361	CM0377	-	6879	-	
79	Yes	19-Sep-2019	SOG	Chum	CM0378	Total	0+	288	286	F	-	362	CM0378	-	6880	-	
79	Yes	19-Sep-2019	SOG	Chum	CM0379	Total	0+	234	134	M	-	363	CM0379	-	6881	-	
79	Yes	19-Sep-2019	SOG	Chum	CM0380	Total	0+	245	158	M	-	364	CM0380	-	6882	-	
79	Yes	19-Sep-2019	SOG	Chum	CM0381	Total	0+	225	110	M	-	365	CM0381	-	6883	-	FH (pustules body cavity)
79	Yes	19-Sep-2019	SOG	Chum	CM0382	Total	0+	215	108	M	-	366	CM0382	-	6884	-	
79	Yes	19-Sep-2019	SOG	Chum	CM0383	Total	0+	215	104	F	-	367	CM0383	-	6885	-	
79	Yes	19-Sep-2019	SOG	Chum	CM0384	Total	0+	221	112	F	-	368	CM0384	-	6886	-	
79	Yes	19-Sep-2019	SOG	Chum	CM0385	Total	0+	218	103	F	-	369	CM0385	-	6887	-	BM (2 cm)
80	Yes	19-Sep-2019	SOG	Chum	CM0386	Total	0+	215	102	F	-	370	CM0386	-	6888	-	
80	Yes	19-Sep-2019	SOG	Chum	CM/CO990562	Total	0+	299	297	M	-	528	-	Yes	7260	-	VF; EIS
81	Yes	19-Sep-2019	SOG	Chum	-	Total	0+	229	-	-	-	-	-	-	-	-	
83	Yes	19-Sep-2019	SOG	Chum	CM0387	Total	0+	241	141	F	-	371	CM0387	-	6889	-	
85	Yes	20-Sep-2019	SOG	Chum	CM0388	Total	1+	428	860	M	-	372	CM0388	Yes	6890	CM0388	
85	Yes	20-Sep-2019	SOG	Chum	-	Total	0+	242	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Chum	-	Total	0+	254	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Chum	-	Total	0+	208	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Chum	-	Total	0+	235	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Chum	-	Total	0+	240	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Chum	-	Total	0+	225	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Chum	-	Total	0+	236	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Chum	-	Total	0+	220	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Chum	-	Total	0+	226	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Chum	-	Total	0+	237	-	-	-	-	-	-	-	-	
85	Yes	20-Sep-2019	SOG	Chum	-	Total	0+	262	-	-	-	-	-	-	-	-	
87	Yes	20-Sep-2019	SOG	Chum	CM0389	Total	0+	244	159	M	-	373	CM0389	-	6891	-	
87	Yes	20-Sep-2019	SOG	Chum	CM0390	Total	0+	214	117	M	-	374	CM0390	-	6892	-	CAL
87	Yes	20-Sep-2019	SOG	Chum	CM0391	Total	0+	222	116	M	-	375	CM0391	-	6893	-	
87	Yes	20-Sep-2019	SOG	Chum	CM0392	Total	0+	230	123	F	-	376	CM0392	-	6894	-	
88	Yes	20-Sep-2019	SOG	Chum	CM0393	Random	0+	237	144	F	-	377	CM0393	-	6895	-	
88	Yes	20-Sep-2019	SOG	Chum	CM0394	Random	0+	233	134	F	-	378	CM0394	-	6896	-	
88	Yes	20-Sep-2019	SOG	Chum	CM0395	Random	0+	242	150	M	-	379	CM0395	-	6897	-	
88	Yes	20-Sep-2019	SOG	Chum	CM0396	Random	0+	203	97	M	-	380	CM0396	-	6898	-	
88	Yes	20-Sep-2019	SOG	Chum	CM0397	Random	0+	240	155	M	-	381	CM0397	-	6899	-	
88	Yes	20-Sep-2019	SOG	Chum	CM0398	Random	0+	229	121	F	-	382	CM0398	-	6900	-	
88	Yes	20-Sep-2019	SOG	Chum	CM0399	Random	0+	225	124	M	-	383	CM0399	-	6901	-	
88	Yes	20-Sep-2019	SOG	Chum	CM0400	Random	0+	225	123	F	-	384	CM0400	-	7101	-	
88	Yes	20-Sep-2019	SOG	Chum	CM0401	Random	0+	237	133	F	-	385	CM0401	-	7102	-	
88	Yes	20-Sep-2019	SOG	Chum	CM0402	Random	0+	237	151	M	-	386	CM0402	-	7103	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	248	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	240	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	240	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	231	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	231	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	242	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	229	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	198	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	246	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	234	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	231	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	233	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	234	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	231	-	-	-	-	-	-	-	-	
88	Yes	20-Sep-2019	SOG	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	
89	Yes	20-Sep-2019	SOG	Chum	CM0403	Total	0+	223	133	M	-	387	CM0403	-	7104	-	
92	Yes	20-Sep-2019	SOG	Chum	CM0404	Total	0+	215	109	M	-	388	CM0404	-	7105	-	GC
92	Yes	20-Sep-2019	SOG	Chum	CM0405	Total	0+	246	169	M	-	389	CM0405	-	7106	-	
92	Yes	20-Sep-2019	SOG	Chum	CM0406	Total	0+	206	89	F	-	390	CM0406	-	7107	-	
93	Yes	20-Sep-2019	SOG	Chum	CM0407	Total	1+	630	-	-	-	-	-	Yes	7108	-	
94	Yes	21-Sep-2019	SOG	Chum	CM0408	Total	0+	205	86	M	-	391	CM0408	-	7109	-	PAR
94	Yes	21-Sep-2019	SOG	Chum	CM0409	Total	0+	214	110	M	-	392	CM0409	-	7110	-	PAR
94	Yes	21-Sep-2019	SOG	Chum	CM0410	Total	0+	243	162	F	-	393	CM0410	-	7111	-	PAR
96	Yes	21-Sep-2019	SOG	Chum	CM0411	Total	0+	244	168	F	-	394	CM0411	-	7112	-	PAR
96	Yes	21-Sep-2019	SOG	Chum	CM0412	Total	0+	228	130	F	-	395	CM0412	-	7113	-	PAR
96	Yes	21-Sep-2019	SOG	Chum	CM0413	Total	0+	224	125	M	-	396	CM0413	-	7114	-	PAR
97	Yes	21-Sep-2019	SOG	Chum	CM0414	Total	0+	252	176	F	-	397	CM0414	-	7115	-	PAR
100	Yes	22-Sep-2019	SOG	Chum	CM0415	Random	0+	237	143	M	-	398	CM0415	-	7116	-	PAR
100	Yes	22-Sep-2019	SOG	Chum	CM0416	Random	0+	245	145	M	-	399	CM0416	-	7117	-	PAR
100	Yes	22-Sep-2019	SOG	Chum	CM0417	Random	0+	235	139	M	-	400	CM0417	-	7118	-	PAR
100	Yes	22-Sep-2019	SOG	Chum	CM0418	Random	0+	212	108	M	-	401	CM0418	-	7119	-	PAR
100	Yes	22-Sep-2019	SOG	Chum	CM0419	Random	0+	220	107	F	-	402	CM0419	-	7120	-	PAR
100	Yes	22-Sep-2019	SOG	Chum	CM0420	Random	0+	216	106	F	-	403	CM0420	-	7121	-	PAR
100	Yes	22-Sep-2019	SOG	Chum	CM0421	Random	0+	243	147	F	-	404	CM0421	-	7122	-	PAR
100	Yes	22-Sep-2019	SOG	Chum	CM0422	Random	0+	234	138	F	-	405	CM0422	-	7123	-	PAR
100	Yes	22-Sep-2019	SOG	Chum	CM0423	Random	0+	228	131	M	-	406	CM0423	-	7124	-	PAR
100	Yes	22-Sep-2019	SOG	Chum	CM0424	Random	0+	232	137	M	-	407	CM0424	-	7125	-	PAR
100	Yes	22-Sep-2019	SOG	Chum	CM0425	Total	1+	366	530	-	-	408	CM0425	-	7126	CM0425	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	255	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	249	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	234	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	234	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	229	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	240	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	252	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	240	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	242	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	246	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	248	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	234	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	250	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	239	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	256	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	242	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
100	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
101	Yes	22-Sep-2019	SOG	Chum	CM0426	Total	0+	215	100	M	-	409	CM0426	-	7127	-	PAR
101	Yes	22-Sep-2019	SOG	Chum	CM0427	Total	0+	226	108	F	-	410	CM0427	-	7128	-	PAR
103	Yes	22-Sep-2019	SOG	Chum	CM0428	Random	0+	202	86	F	-	411	CM0428	-	7129	-	PAR
103	Yes	22-Sep-2019	SOG	Chum	CM0429	Random	0+	199	86	F	-	412	CM0429	-	7130	-	PAR
103	Yes	22-Sep-2019	SOG	Chum	CM0430	Random	0+	228	121	F	-	413	CM0430	-	7131	-	PAR
103	Yes	22-Sep-2019	SOG	Chum	CM0431	Random	0+	217	108	M	-	414	CM0431	-	7132	-	PAR
103	Yes	22-Sep-2019	SOG	Chum	CM0432	Random	0+	207	96	F	-	415	CM0432	-	7133	-	PAR
103	Yes	22-Sep-2019	SOG	Chum	CM0433	Random	0+	209	100	F	-	416	CM0433	-	7134	-	PAR
103	Yes	22-Sep-2019	SOG	Chum	CM0434	Random	0+	218	116	F	-	417	CM0434	-	7135	-	PAR
103	Yes	22-Sep-2019	SOG	Chum	CM0435	Random	0+	222	127	F	-	418	CM0435	-	7136	-	PAR
103	Yes	22-Sep-2019	SOG	Chum	CM0436	Random	0+	215	111	F	-	419	CM0436	-	7137	-	PAR
103	Yes	22-Sep-2019	SOG	Chum	CM0437	Random	0+	219	123	M	-	420	CM0437	-	7138	-	PAR
103	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	240	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	245	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	246	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	217	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	231	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	248	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	240	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
103	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
104	Yes	22-Sep-2019	SOG	Chum	CM0438	Total	1+	724	-	M	-	-	-	Yes	7139	-	LEP (gravid)
104	Yes	22-Sep-2019	SOG	Chum	CM0439	Total	1+	670	-	F	-	-	-	Yes	7140	-	LEP (female)
105	Yes	22-Sep-2019	SOG	Chum	CM0440	Random	0+	221	104	F	-	421	CM0440	-	7141	-	PAR
105	Yes	22-Sep-2019	SOG	Chum	CM0441	Random	0+	221	118	M	-	422	CM0441	-	7142	-	PAR
105	Yes	22-Sep-2019	SOG	Chum	CM0442	Random	0+	202	85	M	-	423	CM0442	-	7143	-	PAR
105	Yes	22-Sep-2019	SOG	Chum	CM0443	Random	0+	203	82	F	-	424	CM0443	-	7144	-	PAR

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
105	Yes	22-Sep-2019	SOG	Chum	CM0444	Random	0+	211	98	M	-	425	CM0444	-	7145	-	PAR
105	Yes	22-Sep-2019	SOG	Chum	CM0445	Random	0+	219	115	F	-	426	CM0445	-	7146	-	PAR
105	Yes	22-Sep-2019	SOG	Chum	CM0446	Random	0+	215	108	F	-	427	CM0446	-	7147	-	
105	Yes	22-Sep-2019	SOG	Chum	CM0447	Random	0+	192	72	M	-	428	CM0447	-	7148	-	
105	Yes	22-Sep-2019	SOG	Chum	CM0448	Random	0+	221	113	F	-	429	CM0448	-	7149	-	
105	Yes	22-Sep-2019	SOG	Chum	CM0449	Random	0+	205	87	F	-	430	CM0449	-	7150	-	
105	Yes	22-Sep-2019	SOG	Chum	CM0450	Random	0+	241	155	M	-	431	CM0450	-	7151	-	
105	Yes	22-Sep-2019	SOG	Chum	CM0451	Random	0+	253	178	F	-	432	CM0451	-	7152	-	
105	Yes	22-Sep-2019	SOG	Chum	CM0452	Random	0+	210	102	F	-	433	CM0452	-	7153	-	
105	Yes	22-Sep-2019	SOG	Chum	CM0453	Random	0+	230	123	M	-	434	CM0453	-	7154	-	
105	Yes	22-Sep-2019	SOG	Chum	CM0454	Random	0+	236	137	M	-	435	CM0454	-	7155	-	
105	Yes	22-Sep-2019	SOG	Chum	CM0455	Random	0+	201	88	F	-	436	CM0455	-	7156	-	
105	Yes	22-Sep-2019	SOG	Chum	CM0456	Random	0+	201	89	M	-	437	CM0456	-	7157	-	
105	Yes	22-Sep-2019	SOG	Chum	CM0457	Random	0+	215	105	F	-	438	CM0457	-	7158	-	
105	Yes	22-Sep-2019	SOG	Chum	CM0458	Random	0+	223	116	M	-	439	CM0458	-	7159	-	
105	Yes	22-Sep-2019	SOG	Chum	CM0459	Random	0+	238	149	F	-	440	CM0459	-	7160	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	240	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	258	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	246	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	250	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	231	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	231	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	248	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	223	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
105	Yes	22-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
106	Yes	22-Sep-2019	SOG	Chum	CM0460	Total	0+	231	132	M	-	449	CM0460	-	7161	-	PAR
106	Yes	22-Sep-2019	SOG	Chum	CM0461	Total	0+	229	131	M	-	450	CM0461	-	7162	-	PAR
106	Yes	22-Sep-2019	SOG	Chum	CM0462	Total	0+	209	96	M	-	451	CM0462	-	7163	-	PAR
106	Yes	22-Sep-2019	SOG	Chum	CM0463	Total	0+	227	132	F	-	452	CM0463	-	7164	-	PAR
106	Yes	22-Sep-2019	SOG	Chum	CM0464	Total	0+	214	101	F	-	453	CM0464	-	7165	-	PAR
106	Yes	22-Sep-2019	SOG	Chum	CM0465	Total	0+	215	100	M	-	441	CM0465	-	7166	-	
106	Yes	22-Sep-2019	SOG	Chum	CM0466	Total	0+	229	128	M	-	442	CM0466	-	7167	-	
106	Yes	22-Sep-2019	SOG	Chum	CM0467	Total	0+	223	119	M	-	443	CM0467	-	7168	-	
106	Yes	22-Sep-2019	SOG	Chum	CM0468	Total	0+	221	116	M	-	444	CM0468	-	7169	-	
106	Yes	22-Sep-2019	SOG	Chum	CM0469	Total	0+	236	139	M	-	445	CM0469	-	7170	-	
106	Yes	22-Sep-2019	SOG	Chum	CM0470	Total	0+	228	128	F	-	446	CM0470	-	7171	-	
106	Yes	22-Sep-2019	SOG	Chum	CM0471	Total	0+	240	143	F	-	447	CM0471	-	7172	-	
106	Yes	22-Sep-2019	SOG	Chum	CM0472	Total	0+	213	107	M	-	448	CM0472	-	7173	-	
107	Yes	23-Sep-2019	SOG	Chum	CM0473	Total	1+	688	-	-	-	-	-	Yes	7174	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
107	Yes	23-Sep-2019	SOG	Chum	CM0474	Random	0+	206	90	M	-	455	CM0474	-	7175	-	PAR
107	Yes	23-Sep-2019	SOG	Chum	CM0475	Random	0+	211	90	F	-	456	CM0475	-	7176	-	PAR
107	Yes	23-Sep-2019	SOG	Chum	CM0476	Random	0+	230	118	M	-	457	CM0476	-	7177	-	PAR
107	Yes	23-Sep-2019	SOG	Chum	CM0477	Random	0+	223	121	M	-	458	CM0477	-	7178	-	PAR
107	Yes	23-Sep-2019	SOG	Chum	CM0478	Random	0+	218	106	F	-	459	CM0478	-	7179	-	PAR
107	Yes	23-Sep-2019	SOG	Chum	CM0479	Random	0+	209	101	M	-	460	CM0479	-	7180	-	PAR
107	Yes	23-Sep-2019	SOG	Chum	CM0480	Random	0+	230	133	M	-	461	CM0480	-	7181	-	PAR
107	Yes	23-Sep-2019	SOG	Chum	CM0481	Random	0+	206	85	F	-	462	CM0481	-	7182	-	PAR
107	Yes	23-Sep-2019	SOG	Chum	CM0482	Random	0+	217	-	M	-	463	CM0482	-	7183	-	PAR
107	Yes	23-Sep-2019	SOG	Chum	CM0483	Random	0+	231	-	M	-	464	CM0483	-	7184	-	PAR
107	Yes	23-Sep-2019	SOG	Chum	CM0484	Total	1+	572	2370	M	-	454	CM0484	Yes	7185	CM0484	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	240	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	246	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	250	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	276	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
107	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	246	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	CM0485	Random	0+	230	128	F	-	465	CM0485	-	7186	-	PAR
109	Yes	23-Sep-2019	SOG	Chum	CM0486	Random	0+	219	115	M	-	466	CM0486	-	7187	-	PAR
109	Yes	23-Sep-2019	SOG	Chum	CM0487	Random	0+	239	144	F	-	467	CM0487	-	7188	-	PAR
109	Yes	23-Sep-2019	SOG	Chum	CM0488	Random	0+	236	139	M	-	468	CM0488	-	7189	-	PAR
109	Yes	23-Sep-2019	SOG	Chum	CM0489	Random	0+	223	127	M	-	469	CM0489	-	7190	-	LEP (gravid); PAR
109	Yes	23-Sep-2019	SOG	Chum	CM0490	Random	0+	198	79	F	-	470	CM0490	-	7191	-	PAR
109	Yes	23-Sep-2019	SOG	Chum	CM0491	Random	0+	227	122	M	-	471	CM0491	-	7192	-	PAR
109	Yes	23-Sep-2019	SOG	Chum	CM0492	Random	0+	234	131	F	-	472	CM0492	-	7193	-	PAR
109	Yes	23-Sep-2019	SOG	Chum	CM0493	Random	0+	214	95	M	-	473	CM0493	-	7194	-	PAR
109	Yes	23-Sep-2019	SOG	Chum	CM0494	Random	0+	227	119	M	-	474	CM0494	-	7195	-	PAR
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	234	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	244	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	234	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	250	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	243	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	242	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	240	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	186	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	240	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	242	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	240	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	248	-	-	-	-	-	-	-	-	
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	295	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
109	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	CM0495	Random	0+	218	104	M	-	475	CM0495	-	7196	-	PAR
110	Yes	23-Sep-2019	SOG	Chum	CM0496	Random	0+	216	109	M	-	476	CM0496	-	7197	-	PAR
110	Yes	23-Sep-2019	SOG	Chum	CM0497	Random	0+	210	100	M	-	477	CM0497	-	7198	-	PAR
110	Yes	23-Sep-2019	SOG	Chum	CM0498	Random	0+	209	92	F	-	478	CM0498	-	7199	-	PAR
110	Yes	23-Sep-2019	SOG	Chum	CM0499	Random	0+	232	123	M	-	479	CM0499	-	7200	-	PAR
110	Yes	23-Sep-2019	SOG	Chum	CM0500	Random	0+	225	-	F	-	480	CM0500	-	6902	-	
110	Yes	23-Sep-2019	SOG	Chum	CM0501	Random	0+	217	-	M	-	481	CM0501	-	6903	-	
110	Yes	23-Sep-2019	SOG	Chum	CM0502	Random	0+	202	-	F	-	482	CM0502	-	6904	-	
110	Yes	23-Sep-2019	SOG	Chum	CM0503	Random	0+	224	-	M	-	483	CM0503	-	6905	-	
110	Yes	23-Sep-2019	SOG	Chum	CM0504	Random	0+	204	-	F	-	484	CM0504	-	6906	-	
110	Yes	23-Sep-2019	SOG	Chum	CM0505	Random	0+	197	-	F	-	485	CM0505	-	6907	-	
110	Yes	23-Sep-2019	SOG	Chum	CM0506	Random	0+	221	-	F	-	486	CM0506	-	6908	-	
110	Yes	23-Sep-2019	SOG	Chum	CM0507	Random	0+	207	-	M	-	487	CM0507	-	6909	-	
110	Yes	23-Sep-2019	SOG	Chum	CM0508	Random	0+	209	-	F	-	488	CM0508	-	6910	-	
110	Yes	23-Sep-2019	SOG	Chum	CM0509	Random	0+	211	-	M	-	489	CM0509	-	6911	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	190	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	234	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	223	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	250	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	229	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	194	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	223	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	242	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	198	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
110	Yes	23-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	CM0510	Random	0+	202	83	F	-	490	CM0510	-	6913	-	PAR
113	Yes	24-Sep-2019	SOG	Chum	CM0511	Random	0+	209	92	F	-	491	CM0511	-	6914	-	PAR
113	Yes	24-Sep-2019	SOG	Chum	CM0512	Random	0+	188	65	F	-	492	CM0512	-	6915	-	PAR
113	Yes	24-Sep-2019	SOG	Chum	CM0513	Random	0+	219	106	F	-	493	CM0513	-	6916	-	PAR
113	Yes	24-Sep-2019	SOG	Chum	CM0514	Random	0+	204	83	F	-	494	CM0514	-	6917	-	PAR
113	Yes	24-Sep-2019	SOG	Chum	CM0515	Total	1+	790	-	F	-	-	-	Yes	6912	-	
113	Yes	24-Sep-2019	SOG	Chum	CM0516	Random	0+	214	97	F	-	495	CM0516	-	6918	-	
113	Yes	24-Sep-2019	SOG	Chum	CM0517	Random	0+	200	79	F	-	496	CM0517	-	6919	-	
113	Yes	24-Sep-2019	SOG	Chum	CM0518	Random	0+	209	93	M	-	497	CM0518	-	6920	-	
113	Yes	24-Sep-2019	SOG	Chum	CM0519	Random	0+	208	88	F	-	498	CM0519	-	6921	-	
113	Yes	24-Sep-2019	SOG	Chum	CM0520	Random	0+	180	59	M	-	499	CM0520	-	6922	-	
113	Yes	24-Sep-2019	SOG	Chum	CM0521	Random	0+	227	121	M	-	500	CM0521	-	6923	-	
113	Yes	24-Sep-2019	SOG	Chum	CM0522	Random	0+	208	93	F	-	501	CM0522	-	6924	-	
113	Yes	24-Sep-2019	SOG	Chum	CM0523	Random	0+	232	128	F	-	502	CM0523	-	6925	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
113	Yes	24-Sep-2019	SOG	Chum	CM0524	Random	0+	205	90	M	-	503	CM0524	-	6926	-	
113	Yes	24-Sep-2019	SOG	Chum	CM0525	Random	0+	213	96	F	-	504	CM0525	-	6927	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
113	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	191	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	CM0526	Random	0+	196	73	M	-	524	CM0526	-	6928	-	PAR
116	Yes	24-Sep-2019	SOG	Chum	CM0527	Random	0+	236	134	M	-	525	CM0527	-	6929	-	PAR
116	Yes	24-Sep-2019	SOG	Chum	CM0528	Random	0+	219	112	F	-	526	CM0528	-	6930	-	PAR

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
116	Yes	24-Sep-2019	SOG	Chum	CM0529	Random	0+	219	108	M	-	527	CM0529	-	6931	-	PAR
116	Yes	24-Sep-2019	SOG	Chum	CM0530	Random	0+	232	140	M	-	528	CM0530	-	6932	-	PAR
116	Yes	24-Sep-2019	SOG	Chum	CM0531	Random	0+	208	97	F	-	529	CM0531	-	6933	-	PAR
116	Yes	24-Sep-2019	SOG	Chum	CM0532	Random	0+	214	104	F	-	505	CM0532	-	6934	-	
116	Yes	24-Sep-2019	SOG	Chum	CM0533	Random	0+	214	106	M	-	506	CM0533	-	6935	-	
116	Yes	24-Sep-2019	SOG	Chum	CM0534	Random	0+	230	135	M	-	507	CM0534	-	6936	-	GC
116	Yes	24-Sep-2019	SOG	Chum	CM0535	Random	0+	210	103	M	-	508	CM0535	-	6937	-	
116	Yes	24-Sep-2019	SOG	Chum	CM0536	Random	0+	220	113	M	-	509	CM0536	-	6938	-	
116	Yes	24-Sep-2019	SOG	Chum	CM0537	Random	0+	232	132	F	-	510	CM0537	-	6939	-	W (RV2, 1 cm)
116	Yes	24-Sep-2019	SOG	Chum	CM0538	Random	0+	219	109	M	-	511	CM0538	-	6940	-	
116	Yes	24-Sep-2019	SOG	Chum	CM0539	Random	0+	209	97	M	-	512	CM0539	-	6941	-	
116	Yes	24-Sep-2019	SOG	Chum	CM0540	Random	0+	210	96	F	-	513	CM0540	-	6942	-	
116	Yes	24-Sep-2019	SOG	Chum	CM0541	Random	0+	209	84	F	-	514	CM0541	-	6943	-	
116	Yes	24-Sep-2019	SOG	Chum	CM0542	Random	0+	229	123	F	-	515	CM0542	-	6944	-	
116	Yes	24-Sep-2019	SOG	Chum	CM0543	Random	0+	207	86	F	-	516	CM0543	-	6945	-	
116	Yes	24-Sep-2019	SOG	Chum	CM0544	Random	0+	225	115	F	-	517	CM0544	-	6946	-	
116	Yes	24-Sep-2019	SOG	Chum	CM0545	Random	0+	245	164	F	-	518	CM0545	-	6947	-	
116	Yes	24-Sep-2019	SOG	Chum	CM0546	Random	0+	217	107	F	-	519	CM0546	-	6948	-	
116	Yes	24-Sep-2019	SOG	Chum	CM0547	Random	0+	232	127	F	-	520	CM0547	-	6949	-	
116	Yes	24-Sep-2019	SOG	Chum	CM0548	Random	0+	215	98	M	-	521	CM0548	-	6950	-	
116	Yes	24-Sep-2019	SOG	Chum	CM0549	Random	0+	225	110	F	-	522	CM0549	-	6951	-	
116	Yes	24-Sep-2019	SOG	Chum	CM0550	Random	0+	200	81	F	-	523	CM0550	-	6952	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	194	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	227	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	233	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	217	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	195	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
116	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
117	Yes	24-Sep-2019	SOG	Chum	-	Total	0+	200	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	CM0551	Random	0+	225	116	F	-	530	CM0551	-	6953	-	PAR
118	Yes	24-Sep-2019	SOG	Chum	CM0552	Random	0+	229	121	F	-	531	CM0552	-	6954	-	PAR
118	Yes	24-Sep-2019	SOG	Chum	CM0553	Random	0+	215	111	F	-	532	CM0553	-	6955	-	PAR
118	Yes	24-Sep-2019	SOG	Chum	CM0554	Random	0+	221	114	F	-	533	CM0554	-	6956	-	PAR
118	Yes	24-Sep-2019	SOG	Chum	CM0555	Random	0+	234	135	F	-	534	CM0555	-	6957	-	PAR
118	Yes	24-Sep-2019	SOG	Chum	CM0556	Random	0+	226	126	M	-	535	CM0556	-	6958	-	
118	Yes	24-Sep-2019	SOG	Chum	CM0557	Random	0+	192	69	M	-	536	CM0557	-	6959	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
118	Yes	24-Sep-2019	SOG	Chum	CM0558	Random	0+	221	118	M	-	537	CM0558	-	6960	-	
118	Yes	24-Sep-2019	SOG	Chum	CM0559	Random	0+	207	96	F	-	538	CM0559	-	6961	-	
118	Yes	24-Sep-2019	SOG	Chum	CM0560	Random	0+	225	120	F	-	539	CM0560	-	6962	-	
118	Yes	24-Sep-2019	SOG	Chum	CM0561	Random	0+	216	99	M	-	540	CM0561	-	6963	-	
118	Yes	24-Sep-2019	SOG	Chum	CM0562	Random	0+	238	146	F	-	541	CM0562	-	6964	-	
118	Yes	24-Sep-2019	SOG	Chum	CM0563	Random	0+	213	99	F	-	542	CM0563	-	6965	-	
118	Yes	24-Sep-2019	SOG	Chum	CM0564	Random	0+	230	119	F	-	543	CM0564	-	6966	-	BM (5 cm)
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	239	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
118	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	CM0565	Random	0+	212	112	M	-	544	CM0565	-	6967	-	PAR
119	Yes	24-Sep-2019	SOG	Chum	CM0566	Random	0+	215	117	F	-	545	CM0566	-	6968	-	PAR
119	Yes	24-Sep-2019	SOG	Chum	CM0567	Random	0+	219	121	F	-	546	CM0567	-	6969	-	PAR
119	Yes	24-Sep-2019	SOG	Chum	CM0568	Random	0+	232	135	F	-	547	CM0568	-	6970	-	PAR
119	Yes	24-Sep-2019	SOG	Chum	CM0569	Random	0+	204	87	F	-	548	CM0569	-	6971	-	PAR
119	Yes	24-Sep-2019	SOG	Chum	CM0570	Random	0+	230	141	M	-	549	CM0570	-	6972	-	
119	Yes	24-Sep-2019	SOG	Chum	CM0571	Random	0+	201	90	M	-	550	CM0571	-	6973	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
119	Yes	24-Sep-2019	SOG	Chum	CM0572	Random	0+	217	113	F	-	551	CM0572	-	6974	-	
119	Yes	24-Sep-2019	SOG	Chum	CM0573	Random	0+	232	140	M	-	552	CM0573	-	6975	-	
119	Yes	24-Sep-2019	SOG	Chum	CM0574	Random	0+	245	160	M	-	553	CM0574	-	6976	-	
119	Yes	24-Sep-2019	SOG	Chum	CM0575	Random	0+	210	94	M	-	554	CM0575	-	6977	-	
119	Yes	24-Sep-2019	SOG	Chum	CM0576	Random	0+	212	93	M	-	555	CM0576	-	6978	-	
119	Yes	24-Sep-2019	SOG	Chum	CM0577	Random	0+	235	129	F	-	556	CM0577	-	6979	-	
119	Yes	24-Sep-2019	SOG	Chum	CM0578	Random	0+	217	108	M	-	557	CM0578	-	6980	-	
119	Yes	24-Sep-2019	SOG	Chum	CM0579	Random	0+	204	89	M	-	558	CM0579	-	6981	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	190	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	190	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	195	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	217	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	240	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	217	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	191	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	229	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	196	-	-	-	-	-	-	-	-	
119	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
120	Yes	24-Sep-2019	SOG	Chum	CM0580	Random	0+	204	97	M	-	569	CM0580	-	6982	-	PAR
120	Yes	24-Sep-2019	SOG	Chum	CM0581	Random	0+	216	107	F	-	570	CM0581	-	6983	-	PAR
120	Yes	24-Sep-2019	SOG	Chum	CM0582	Random	0+	213	104	M	-	571	CM0582	-	6984	-	PAR
120	Yes	24-Sep-2019	SOG	Chum	CM0583	Random	0+	204	92	M	-	572	CM0583	-	6985	-	PAR
120	Yes	24-Sep-2019	SOG	Chum	CM0584	Random	0+	207	92	M	-	573	CM0584	-	6986	-	PAR
120	Yes	24-Sep-2019	SOG	Chum	CM0585	Random	0+	210	98	M	-	559	CM0585	-	6987	-	
120	Yes	24-Sep-2019	SOG	Chum	CM0586	Random	0+	225	120	M	-	560	CM0586	-	6988	-	
120	Yes	24-Sep-2019	SOG	Chum	CM0587	Random	0+	212	97	M	-	561	CM0587	-	6989	-	
120	Yes	24-Sep-2019	SOG	Chum	CM0588	Random	0+	198	77	F	-	562	CM0588	-	6990	-	GC (2)
120	Yes	24-Sep-2019	SOG	Chum	CM0589	Random	0+	210	98	F	-	563	CM0589	-	6991	-	
120	Yes	24-Sep-2019	SOG	Chum	CM0590	Random	0+	208	102	M	-	564	CM0590	-	6992	-	
120	Yes	24-Sep-2019	SOG	Chum	CM0591	Random	0+	210	100	M	-	565	CM0591	-	6993	-	
120	Yes	24-Sep-2019	SOG	Chum	CM0592	Random	0+	208	96	F	-	566	CM0592	-	6994	-	
120	Yes	24-Sep-2019	SOG	Chum	CM0593	Random	0+	207	90	F	-	567	CM0593	-	6995	-	
120	Yes	24-Sep-2019	SOG	Chum	CM0594	Random	0+	214	103	F	-	568	CM0594	-	6996	-	
120	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
120	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
120	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
120	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
120	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
120	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	198	-	-	-	-	-	-	-	-	
120	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
120	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
121	Yes	24-Sep-2019	SOG	Chum	CM0595	Random	0+	196	79	F	-	574	CM0595	-	6997	-	PAR
121	Yes	24-Sep-2019	SOG	Chum	CM0596	Random	0+	207	89	M	-	575	CM0596	-	6998	-	PAR
121	Yes	24-Sep-2019	SOG	Chum	CM0597	Random	0+	211	102	F	-	576	CM0597	-	6999	-	PAR
121	Yes	24-Sep-2019	SOG	Chum	CM0598	Random	0+	209	100	M	-	577	CM0598	-	7000	-	PAR
121	Yes	24-Sep-2019	SOG	Chum	CM0599	Random	0+	206	90	F	-	578	CM0599	-	7001	-	PAR
121	Yes	24-Sep-2019	SOG	Chum	CM0600	Random	0+	216	109	F	-	579	CM0600	-	7002	-	
121	Yes	24-Sep-2019	SOG	Chum	CM0601	Random	0+	217	109	M	-	580	CM0601	-	7003	-	
121	Yes	24-Sep-2019	SOG	Chum	CM0602	Random	0+	221	121	M	-	581	CM0602	-	7004	-	
121	Yes	24-Sep-2019	SOG	Chum	CM0603	Random	0+	215	109	M	-	582	CM0603	-	7005	-	
121	Yes	24-Sep-2019	SOG	Chum	CM0604	Random	0+	215	101	F	-	583	CM0604	-	7006	-	
121	Yes	24-Sep-2019	SOG	Chum	CM0605	Random	0+	201	86	F	-	584	CM0605	-	7007	-	
121	Yes	24-Sep-2019	SOG	Chum	CM0606	Random	0+	195	78	F	-	585	CM0606	-	7008	-	
121	Yes	24-Sep-2019	SOG	Chum	CM0607	Random	0+	208	92	M	-	586	CM0607	-	7009	-	
121	Yes	24-Sep-2019	SOG	Chum	CM0608	Random	0+	208	106	F	-	587	CM0608	-	7010	-	
121	Yes	24-Sep-2019	SOG	Chum	CM0609	Random	0+	211	107	M	-	588	CM0609	-	7011	-	
121	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
121	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
121	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
121	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	192	-	-	-	-	-	-	-	-	
121	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
121	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
121	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
121	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
121	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
121	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
121	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
121	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
121	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
121	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
121	Yes	24-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	CM0610	Random	0+	268	208	M	-	589	CM0610	-	7012	-	PAR
122	No	25-Sep-2019	JDEF	Chum	CM0611	Random	0+	224	120	M	-	590	CM0611	-	7013	-	PAR
122	No	25-Sep-2019	JDEF	Chum	CM0612	Random	0+	228	120	F	-	591	CM0612	-	7014	-	PAR
122	No	25-Sep-2019	JDEF	Chum	CM0613	Random	0+	226	124	F	-	592	CM0613	-	7015	-	PAR
122	No	25-Sep-2019	JDEF	Chum	CM0614	Random	0+	239	140	M	-	593	CM0614	-	7016	-	PAR
122	No	25-Sep-2019	JDEF	Chum	CM0615	Random	0+	222	113	M	-	594	CM0615	-	7017	-	LEP (male); PAR
122	No	25-Sep-2019	JDEF	Chum	CM0616	Random	0+	219	108	F	-	595	CM0616	-	7018	-	PAR
122	No	25-Sep-2019	JDEF	Chum	CM0617	Random	0+	188	67	F	-	596	CM0617	-	7019	-	PAR
122	No	25-Sep-2019	JDEF	Chum	CM0618	Random	0+	232	130	M	-	597	CM0618	-	7020	-	PAR

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
122	No	25-Sep-2019	JDEF	Chum	CM0619	Random	0+	228	130	M	-	598	CM0619	-	7021	-	PAR
122	No	25-Sep-2019	JDEF	Chum	CM0620	Random	0+	230	125	M	-	599	CM0620	-	7022	-	
122	No	25-Sep-2019	JDEF	Chum	CM0621	Random	0+	230	143	M	-	600	CM0621	-	7023	-	
122	No	25-Sep-2019	JDEF	Chum	CM0622	Random	0+	242	148	F	-	601	CM0622	-	7024	-	
122	No	25-Sep-2019	JDEF	Chum	CM0623	Random	0+	233	137	M	-	602	CM0623	-	7025	-	
122	No	25-Sep-2019	JDEF	Chum	CM0624	Random	0+	228	124	F	-	603	CM0624	-	7026	-	
122	No	25-Sep-2019	JDEF	Chum	CM0625	Random	0+	238	128	M	-	604	CM0625	-	7027	-	
122	No	25-Sep-2019	JDEF	Chum	CM0626	Random	0+	229	140	F	-	605	CM0626	-	7028	-	
122	No	25-Sep-2019	JDEF	Chum	CM0627	Random	0+	248	156	M	-	606	CM0627	-	7029	-	
122	No	25-Sep-2019	JDEF	Chum	CM0628	Random	0+	226	122	M	-	607	CM0628	-	7030	-	
122	No	25-Sep-2019	JDEF	Chum	CM0629	Random	0+	256	185	M	-	608	CM0629	-	7031	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	223	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	248	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	233	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	260	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	245	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	233	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	245	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
122	No	25-Sep-2019	JDEF	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
123	No	25-Sep-2019	JDEF	Chum	CM0630	Total	0+	232	136	F	-	611	CM0630	-	7032	-	PAR
123	No	25-Sep-2019	JDEF	Chum	CM0631	Total	0+	235	151	M	-	612	CM0631	-	7033	-	PAR
123	No	25-Sep-2019	JDEF	Chum	CM0632	Total	0+	221	121	M	-	613	CM0632	-	7034	-	PAR
123	No	25-Sep-2019	JDEF	Chum	CM0633	Total	0+	236	137	M	-	614	CM0633	-	7035	-	PAR
123	No	25-Sep-2019	JDEF	Chum	CM0634	Total	0+	224	124	M	-	615	CM0634	-	7036	-	PAR
123	No	25-Sep-2019	JDEF	Chum	CM0635	Total	0+	267	231	F	-	616	CM0635	-	7037	-	PAR
123	No	25-Sep-2019	JDEF	Chum	CM0636	Total	0+	269	197	M	-	609	CM0636	-	7038	-	
123	No	25-Sep-2019	JDEF	Chum	CM0637	Total	0+	220	113	M	-	610	CM0637	-	7039	-	
124	No	25-Sep-2019	JDEF	Chum	CM0638	Random	0+	234	141	M	-	617	CM0638	-	7040	-	PAR
124	No	25-Sep-2019	JDEF	Chum	CM0639	Random	0+	221	116	M	-	618	CM0639	-	7041	-	PAR
124	No	25-Sep-2019	JDEF	Chum	CM0640	Random	0+	225	129	M	-	619	CM0640	-	7042	-	PAR
124	No	25-Sep-2019	JDEF	Chum	CM0641	Random	0+	225	119	F	-	620	CM0641	-	7043	-	PAR
124	No	25-Sep-2019	JDEF	Chum	CM0642	Random	0+	220	115	M	-	621	CM0642	-	7044	-	PAR
124	No	25-Sep-2019	JDEF	Chum	CM0643	Random	0+	220	131	F	-	622	CM0643	-	7045	-	PAR
124	No	25-Sep-2019	JDEF	Chum	CM0644	Random	0+	213	102	M	-	623	CM0644	-	7046	-	PAR
124	No	25-Sep-2019	JDEF	Chum	CM0645	Random	0+	228	137	F	-	624	CM0645	-	7047	-	PAR
124	No	25-Sep-2019	JDEF	Chum	CM0646	Random	0+	215	99	M	-	625	CM0646	-	7048	-	PAR
124	No	25-Sep-2019	JDEF	Chum	CM0647	Random	0+	228	121	F	-	626	CM0647	-	7049	-	PAR
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	231	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	234	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	240	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	234	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	229	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	256	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	240	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	229	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	229	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	223	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	242	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	235	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	223	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	236	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	223	-	-	-	-	-	-	-	-	
124	No	25-Sep-2019	JDEF	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
125	No	25-Sep-2019	JDEF	Chum	CM0648	Total	0+	230	124	M	-	627	CM0648	-	7050	-	PAR
125	No	25-Sep-2019	JDEF	Chum	CM0649	Total	0+	239	145	M	-	628	CM0649	-	7051	-	PAR
125	No	25-Sep-2019	JDEF	Chum	CM0650	Total	0+	224	120	F	-	629	CM0650	-	7052	-	PAR
126	No	25-Sep-2019	JDEF	Chum	CM0651	Random	0+	216	100	M	-	635	CM0651	-	7053	-	PAR
126	No	25-Sep-2019	JDEF	Chum	CM0652	Random	0+	220	116	M	-	636	CM0652	-	7054	-	PAR
126	No	25-Sep-2019	JDEF	Chum	CM0653	Random	0+	227	117	F	-	637	CM0653	-	7055	-	PAR
126	No	25-Sep-2019	JDEF	Chum	CM0654	Random	0+	229	120	M	-	638	CM0654	-	7056	-	PAR
126	No	25-Sep-2019	JDEF	Chum	CM0655	Random	0+	228	116	M	-	639	CM0655	-	7057	-	PAR
126	No	25-Sep-2019	JDEF	Chum	CM0666	Random	0+	229	128	F	-	630	CM0666	-	7058	-	
126	No	25-Sep-2019	JDEF	Chum	CM0667	Random	0+	225	130	M	-	631	CM0667	-	7059	-	
126	No	25-Sep-2019	JDEF	Chum	CM0668	Random	0+	225	121	F	-	632	CM0668	-	7060	-	
126	No	25-Sep-2019	JDEF	Chum	CM0669	Random	0+	241	151	M	-	633	CM0669	-	7061	-	
126	No	25-Sep-2019	JDEF	Chum	CM0670	Random	0+	231	133	M	-	634	CM0670	-	7062	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	250	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	234	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	227	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	229	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	227	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	223	-	-	-	-	-	-	-	-	
126	No	25-Sep-2019	JDEF	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	CM0671	Random	0+	204	93	F	-	640	CM0671	-	7064	-	FH (cysts on body); PAR
128	No	26-Sep-2019	GISL	Chum	CM0672	Random	0+	207	89	M	-	641	CM0672	-	7065	-	PAR
128	No	26-Sep-2019	GISL	Chum	CM0673	Random	0+	197	76	M	-	642	CM0673	-	7066	-	PAR
128	No	26-Sep-2019	GISL	Chum	CM0674	Random	0+	199	91	F	-	643	CM0674	-	7067	-	PAR
128	No	26-Sep-2019	GISL	Chum	CM0675	Random	0+	209	97	M	-	644	CM0675	-	7068	-	PAR
128	No	26-Sep-2019	GISL	Chum	CM0676	Total	1+	766	-	M	-	-	-	Yes	7063	-	SL
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	239	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	199	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	240	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	194	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	185	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
128	No	26-Sep-2019	GISL	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	CM0677	Random	0+	224	119	M	-	645	CM0677	-	7069	-	PAR
129	No	26-Sep-2019	GISL	Chum	CM0678	Random	0+	218	109	M	-	646	CM0678	-	7070	-	PAR
129	No	26-Sep-2019	GISL	Chum	CM0679	Random	0+	220	109	F	-	647	CM0679	-	7071	-	PAR
129	No	26-Sep-2019	GISL	Chum	CM0680	Random	0+	213	97	F	-	648	CM0680	-	7072	-	PAR
129	No	26-Sep-2019	GISL	Chum	CM0681	Random	0+	213	97	F	-	649	CM0681	-	7073	-	PAR
129	No	26-Sep-2019	GISL	Chum	CM0682	Random	0+	205	105	M	-	650	CM0682	-	7074	-	
129	No	26-Sep-2019	GISL	Chum	CM0683	Random	0+	213	105	M	-	651	CM0683	-	7075	-	
129	No	26-Sep-2019	GISL	Chum	CM0684	Random	0+	211	93	M	-	652	CM0684	-	7076	-	
129	No	26-Sep-2019	GISL	Chum	CM0685	Random	0+	209	98	F	-	653	CM0685	-	7077	-	
129	No	26-Sep-2019	GISL	Chum	CM0686	Random	0+	204	89	M	-	654	CM0686	-	7078	-	
129	No	26-Sep-2019	GISL	Chum	CM0687	Random	0+	214	99	M	-	655	CM0687	-	7079	-	
129	No	26-Sep-2019	GISL	Chum	CM0688	Random	0+	219	113	F	-	656	CM0688	-	7080	-	
129	No	26-Sep-2019	GISL	Chum	CM0689	Random	0+	219	106	M	-	657	CM0689	-	7081	-	
129	No	26-Sep-2019	GISL	Chum	CM0690	Random	0+	209	92	M	-	658	CM0690	-	7082	-	
129	No	26-Sep-2019	GISL	Chum	CM0691	Random	0+	232	136	M	-	659	CM0691	-	7083	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	244	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	223	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	231	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	194	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	217	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	223	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	190	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
129	No	26-Sep-2019	GISL	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
130	No	26-Sep-2019	GISL	Chum	CM0692	Random	0+	191	58	F	-	660	CM0692	-	7084	-	Skinny; PAR
130	No	26-Sep-2019	GISL	Chum	CM0693	Random	0+	197	81	M	-	661	CM0693	-	7085	-	PAR
130	No	26-Sep-2019	GISL	Chum	CM0694	Random	0+	201	81	F	-	662	CM0694	-	7086	-	PAR
130	No	26-Sep-2019	GISL	Chum	CM0695	Random	0+	196	79	M	-	663	CM0695	-	7087	-	PAR
130	No	26-Sep-2019	GISL	Chum	CM0696	Random	0+	178	53	F	-	664	CM0696	-	7088	-	PAR
130	No	26-Sep-2019	GISL	Chum	-	Random	0+	168	-	-	-	-	-	-	-	-	
130	No	26-Sep-2019	GISL	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
130	No	26-Sep-2019	GISL	Chum	-	Random	0+	176	-	-	-	-	-	-	-	-	
130	No	26-Sep-2019	GISL	Chum	-	Random	0+	196	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
131	No	26-Sep-2019	GISL	Chum	CM0697	Random	0+	207	93	F	-	665	CM0697	-	7089	-	PAR
131	No	26-Sep-2019	GISL	Chum	CM0698	Random	0+	207	95	F	-	666	CM0698	-	7090	-	PAR
131	No	26-Sep-2019	GISL	Chum	CM0699	Random	0+	213	102	F	-	667	CM0699	-	7091	-	PAR
131	No	26-Sep-2019	GISL	Chum	CM0700	Random	0+	216	126	M	-	668	CM0700	-	7092	-	PAR
131	No	26-Sep-2019	GISL	Chum	CM0701	Random	0+	198	89	M	-	669	CM0701	-	7093	-	PAR
131	No	26-Sep-2019	GISL	Chum	CM0702	Random	0+	208	93	M	-	670	CM0702	-	7094	-	
131	No	26-Sep-2019	GISL	Chum	CM0703	Random	0+	228	126	F	-	671	CM0703	-	7095	-	
131	No	26-Sep-2019	GISL	Chum	CM0704	Random	0+	210	99	F	-	672	CM0704	-	7096	-	
131	No	26-Sep-2019	GISL	Chum	CM0705	Random	0+	200	83	M	-	673	CM0705	-	7097	-	
131	No	26-Sep-2019	GISL	Chum	CM0706	Random	0+	189	76	F	-	674	CM0706	-	7098	-	
131	No	26-Sep-2019	GISL	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chum	-	Random	0+	192	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chum	-	Random	0+	190	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chum	-	Random	0+	192	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chum	-	Random	0+	194	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chum	-	Random	0+	187	-	-	-	-	-	-	-	-	
131	No	26-Sep-2019	GISL	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
134	No	26-Sep-2019	GISL	Chum	CM0707	Total	0+	220	121	F	-	675	CM0707	-	7099	-	PAR
134	No	26-Sep-2019	GISL	Chum	CM0708	Total	0+	202	100	F	-	676	CM0708	-	7100	-	PAR
134	No	26-Sep-2019	GISL	Chum	CM0709	Total	0+	217	114	F	-	677	CM0709	-	7201	-	PAR
135	No	26-Sep-2019	GISL	Chum	CM9710	Total	1+	736	-	M	-	-	-	Yes	7202	-	
137	Yes	27-Sep-2019	SOG	Chum	CM0710	Random	0+	210	-	M	-	677	CM0710	-	7203	-	PAR
137	Yes	27-Sep-2019	SOG	Chum	CM0711	Random	0+	208	-	M	-	678	CM0711	-	7204	-	PAR
137	Yes	27-Sep-2019	SOG	Chum	CM0712	Random	0+	202	-	F	-	679	CM0712	-	7205	-	PAR
137	Yes	27-Sep-2019	SOG	Chum	CM0713	Random	0+	211	-	M	-	680	CM0713	-	7206	-	PAR
137	Yes	27-Sep-2019	SOG	Chum	CM0714	Random	0+	214	-	M	-	681	CM0714	-	7207	-	PAR
137	Yes	27-Sep-2019	SOG	Chum	CM0715	Random	0+	195	-	-	-	682	-	-	7208	-	
137	Yes	27-Sep-2019	SOG	Chum	CM0716	Random	0+	220	-	-	-	683	-	-	7209	-	
137	Yes	27-Sep-2019	SOG	Chum	CM0717	Random	0+	208	-	-	-	684	-	-	7210	-	
137	Yes	27-Sep-2019	SOG	Chum	CM0718	Random	0+	206	-	-	-	685	-	-	7211	-	
137	Yes	27-Sep-2019	SOG	Chum	CM0719	Random	0+	210	-	-	-	686	-	-	7212	-	
137	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
137	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	190	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	CM0720	Random	0+	215	-	M	-	687	CM0720	-	7213	-	PAR
139	Yes	27-Sep-2019	SOG	Chum	CM0721	Random	0+	208	-	F	-	688	CM0721	-	7214	-	PAR
139	Yes	27-Sep-2019	SOG	Chum	CM0722	Random	0+	209	-	F	-	689	CM0722	-	7215	-	PAR

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
139	Yes	27-Sep-2019	SOG	Chum	CM0723	Random	0+	207	-	F	-	690	CM0723	-	7216	-	PAR
139	Yes	27-Sep-2019	SOG	Chum	CM0724	Random	0+	224	-	F	-	691	CM0724	-	7217	-	PAR
139	Yes	27-Sep-2019	SOG	Chum	CM0725	Random	0+	207	-	F	-	692	CM0725	-	7218	-	
139	Yes	27-Sep-2019	SOG	Chum	CM0726	Random	0+	200	-	M	-	693	CM0726	-	7219	-	
139	Yes	27-Sep-2019	SOG	Chum	CM0727	Random	0+	226	-	F	-	694	CM0727	-	7220	-	
139	Yes	27-Sep-2019	SOG	Chum	CM0728	Random	0+	195	-	M	-	695	CM0728	-	7221	-	
139	Yes	27-Sep-2019	SOG	Chum	CM0729	Random	0+	218	-	F	-	696	CM0729	-	7222	-	
139	Yes	27-Sep-2019	SOG	Chum	CM0730	Random	0+	218	-	F	-	697	CM0730	-	7223	-	
139	Yes	27-Sep-2019	SOG	Chum	CM0731	Random	0+	189	-	M	-	698	CM0731	-	7224	-	
139	Yes	27-Sep-2019	SOG	Chum	CM0732	Random	0+	210	-	M	-	699	CM0732	-	7225	-	
139	Yes	27-Sep-2019	SOG	Chum	CM0733	Random	0+	217	-	F	-	700	CM0733	-	7226	-	
139	Yes	27-Sep-2019	SOG	Chum	CM0734	Random	0+	207	-	M	-	701	CM0734	-	7227	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	223	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	207	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	199	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	233	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	227	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	234	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
139	Yes	27-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	CM0735	Random	0+	204	95	M	-	702	CM0735	-	7228	-	PAR
141	No	27-Sep-2019	HOWE	Chum	CM0736	Random	0+	203	88	F	-	703	CM0736	-	7229	-	PAR
141	No	27-Sep-2019	HOWE	Chum	CM0737	Random	0+	207	92	F	-	704	CM0737	-	7230	-	PAR
141	No	27-Sep-2019	HOWE	Chum	CM0738	Random	0+	218	111	F	-	705	CM0738	-	7231	-	PAR
141	No	27-Sep-2019	HOWE	Chum	CM0739	Random	0+	199	88	M	-	706	CM0739	-	7232	-	PAR
141	No	27-Sep-2019	HOWE	Chum	CM0740	Random	0+	205	85	F	-	707	CM0740	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	CM0741	Random	0+	211	101	F	-	708	CM0741	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	CM0742	Random	0+	200	84	M	-	709	CM0742	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	CM0743	Random	0+	212	100	M	-	710	CM0743	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	CM0744	Random	0+	212	100	F	-	711	CM0744	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	CM0745	Random	0+	207	92	M	-	712	CM0745	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	CM0746	Random	0+	205	89	M	-	713	CM0746	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	CM0747	Random	0+	208	91	M	-	714	CM0747	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	CM0748	Random	0+	195	73	M	-	715	CM0748	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	CM0749	Random	0+	221	114	M	-	716	CM0749	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	CM0750	Random	0+	273	233	M	-	717	CM0750	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	225	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	195	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	204	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	195	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	199	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	185	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	224	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	194	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	202	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	185	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
142	No	27-Sep-2019	HOWE	Chum	-	Total	0+	210	-	-	-	-	-	-	-	-	
142	No	27-Sep-2019	HOWE	Chum	-	Total	0+	206	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Chum	CM0751	Random	0+	204	98	M	-	718	CM0751	-	7233	-	PAR
143	No	27-Sep-2019	HOWE	Chum	CM0752	Random	0+	207	94	F	-	719	CM0752	-	7234	-	PAR
143	No	27-Sep-2019	HOWE	Chum	CM0753	Random	0+	204	93	M	-	720	CM0753	-	7235	-	PAR
143	No	27-Sep-2019	HOWE	Chum	CM0754	Random	0+	220	118	M	-	721	CM0754	-	7236	-	
143	No	27-Sep-2019	HOWE	Chum	CM0755	Random	0+	217	104	M	-	722	CM0755	-	7237	-	
143	No	27-Sep-2019	HOWE	Chum	CM0756	Random	0+	210	104	M	-	723	CM0756	-	7238	-	
143	No	27-Sep-2019	HOWE	Chum	CM0757	Random	0+	196	82	M	-	724	CM0757	-	7239	-	
143	No	27-Sep-2019	HOWE	Chum	CM0758	Random	0+	202	90	M	-	725	CM0758	-	7240	-	
143	No	27-Sep-2019	HOWE	Chum	CM0759	Random	0+	203	97	M	-	726	CM0759	-	7241	-	
143	No	27-Sep-2019	HOWE	Chum	CM0760	Random	0+	206	105	M	-	727	CM0760	-	7242	-	
143	No	27-Sep-2019	HOWE	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Chum	-	Random	0+	208	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Chum	-	Random	0+	203	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	CM0761	Random	0+	225	118	M	-	728	CM0761	-	7243	-	PAR
144	Yes	28-Sep-2019	SOG	Chum	CM0762	Random	0+	234	126	M	-	729	CM0762	-	7244	-	PAR
144	Yes	28-Sep-2019	SOG	Chum	CM0763	Random	0+	218	103	M	-	730	CM0763	-	7245	-	PAR
144	Yes	28-Sep-2019	SOG	Chum	CM0764	Random	0+	212	92	F	-	731	CM0764	-	7246	-	PAR
144	Yes	28-Sep-2019	SOG	Chum	CM0765	Random	0+	223	129	M	-	732	CM0765	-	7247	-	DEF (scoliosis); PAR
144	Yes	28-Sep-2019	SOG	Chum	CM0766	Random	0+	214	99	M	-	733	CM0766	-	7248	-	
144	Yes	28-Sep-2019	SOG	Chum	CM0767	Random	0+	246	173	M	-	734	CM0767	-	7249	-	
144	Yes	28-Sep-2019	SOG	Chum	CM0768	Random	0+	210	86	M	-	735	CM0768	-	7250	-	
144	Yes	28-Sep-2019	SOG	Chum	CM0769	Random	0+	216	99	M	-	736	CM0769	-	7251	-	
144	Yes	28-Sep-2019	SOG	Chum	CM0770	Random	0+	217	106	M	-	737	CM0770	-	7252	-	
144	Yes	28-Sep-2019	SOG	Chum	CM0771	Random	0+	208	87	M	-	738	CM0771	-	7253	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
144	Yes	28-Sep-2019	SOG	Chum	CM0772	Random	0+	201	73	F	-	739	CM0772	-	7254	-	
144	Yes	28-Sep-2019	SOG	Chum	CM0773	Random	0+	232	132	M	-	740	CM0773	-	7255	-	
144	Yes	28-Sep-2019	SOG	Chum	CM0774	Random	0+	212	96	F	-	741	CM0774	-	7256	-	
144	Yes	28-Sep-2019	SOG	Chum	CM0775	Random	0+	199	82	M	-	742	CM0775	-	7257	-	
144	Yes	28-Sep-2019	SOG	Chum	CM0776	Total	1+	358	475	F	-	743	CM0776	Yes	7258	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	238	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	229	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	246	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	205	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	218	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	213	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	228	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	229	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	226	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	230	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	260	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	209	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	206	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	210	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	220	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	211	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	219	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	214	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	234	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	239	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	200	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	232	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	215	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	201	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	221	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	212	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	198	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	216	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Chum	-	Random	0+	222	-	-	-	-	-	-	-	-	
145	Yes	28-Sep-2019	SOG	Chum	CM0777	Total	0+	251	168	F	-	744	CM0777	-	7259	-	PAR
4	Yes	10-Sep-2019	SOG	Pink	PK0001	Total	1+	540	1931	M	-	1	PK0001	Yes	8601	PK0001	
4	Yes	10-Sep-2019	SOG	Pink	PK0002	Total	1+	512	1809	M	-	2	PK0002	Yes	8602	PK0002	
4	Yes	10-Sep-2019	SOG	Pink	PK0003	Total	1+	537	1707	F	-	3	PK0003	Yes	8603	PK0003	
4	Yes	10-Sep-2019	SOG	Pink	PK0004	Total	1+	543	1863	M	-	4	PK0004	Yes	8604	PK0004	
4	Yes	10-Sep-2019	SOG	Pink	PK0005	Total	1+	555	2095	M	-	5	PK0005	Yes	8605	PK0005	
4	Yes	10-Sep-2019	SOG	Pink	PK0006	Total	1+	520	1662	F	-	6	PK0006	Yes	8606	PK0006	
4	Yes	10-Sep-2019	SOG	Pink	PK0007	Total	1+	528	1808	F	-	7	PK0007	Yes	8607	PK0007	
4	Yes	10-Sep-2019	SOG	Pink	PK0008	Total	1+	530	2083	M	-	8	PK0008	Yes	8608	PK0008	
4	Yes	10-Sep-2019	SOG	Pink	PK0009	Total	1+	510	1489	F	-	9	PK0009	Yes	8609	PK0009	
4	Yes	10-Sep-2019	SOG	Pink	PK0010	Total	1+	515	1521	F	-	10	PK0010	Yes	8610	PK0010	
4	Yes	10-Sep-2019	SOG	Pink	-	Total	0+	200	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Pink	-	Total	0+	170	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Pink	-	Total	0+	180	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Pink	-	Total	0+	204	-	-	-	-	-	-	-	-	
4	Yes	10-Sep-2019	SOG	Pink	-	Total	0+	196	-	-	-	-	-	-	-	-	
6	Yes	10-Sep-2019	SOG	Pink	PK0011	Total	0+	194	88	M	-	11	PK0011	-	8611	-	LEP (female)
6	Yes	10-Sep-2019	SOG	Pink	PK0012	Total	1+	522	1858	M	-	12	PK0012	Yes	8612	PK0012	
6	Yes	10-Sep-2019	SOG	Pink	PK0013	Total	1+	585	2390	M	-	13	PK0013	Yes	8613	PK0013	
6	Yes	10-Sep-2019	SOG	Pink	PK0014	Total	1+	526	1815	M	-	14	PK0014	Yes	8614	PK0014	
6	Yes	10-Sep-2019	SOG	Pink	PK0015	Total	1+	590	2430	M	-	15	PK0015	Yes	8615	PK0015	
6	Yes	10-Sep-2019	SOG	Pink	PK0016	Total	1+	495	1170	M	-	16	PK0016	Yes	8616	PK0016	
6	Yes	10-Sep-2019	SOG	Pink	PK0017	Total	1+	545	1755	F	-	17	PK0017	Yes	8617	PK0017	
6	Yes	10-Sep-2019	SOG	Pink	PK0018	Total	1+	492	1250	F	-	18	PK0018	Yes	8618	PK0018	
6	Yes	10-Sep-2019	SOG	Pink	PK0019	Total	1+	582	2400	M	-	19	PK0019	Yes	8619	PK0019	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
12	Yes	11-Sep-2019	SOG	Pink	PK0020	Total	0+	200	89	M	-	20	PK0020	-	8620	-	PAR
16	No	12-Sep-2019	SOG	Pink	PK0021	Total	0+	195	80	F	-	21	PK0021	-	8621	-	PAR
16	No	12-Sep-2019	SOG	Pink	PK0022	Total	0+	194	76	M	-	22	PK0022	-	8622	-	PAR
16	No	12-Sep-2019	SOG	Pink	PK0023	Total	0+	185	68	M	-	23	PK0023	-	8623	-	PAR
17	No	12-Sep-2019	SOG	Pink	PK0024	Total	0+	190	63	F	-	24	PK0024	-	8624	-	
17	No	12-Sep-2019	SOG	Pink	PK0025	Total	0+	196	78	F	-	25	PK0025	-	8625	-	
22	No	12-Sep-2019	DESO	Pink	PK0026	Total	0+	190	77	M	-	26	PK0026	-	8626	-	PAR
24	No	13-Sep-2019	DESO	Pink	PK0027	Total	0+	192	65	M	-	27	PK0027	-	8627	-	BM (4 cm); PAR
24	No	13-Sep-2019	DESO	Pink	PK0028	Total	0+	197	76	M	-	28	PK0028	-	8628	-	PAR
24	No	13-Sep-2019	DESO	Pink	PK0029	Total	0+	206	91	M	-	29	PK0029	-	8629	-	PAR
27	No	13-Sep-2019	DESO	Pink	PK0030	Total	0+	213	100	M	-	30	PK0030	-	8630	-	
31	No	13-Sep-2019	DISC	Pink	PK0031	Total	0+	160	34	M	-	31	PK0031	-	8631	-	PAR
31	No	13-Sep-2019	DISC	Pink	PK0032	Total	0+	180	57	F	-	32	PK0032	-	8632	-	PAR
31	No	13-Sep-2019	DISC	Pink	PK0033	Total	0+	153	34	F	-	33	PK0033	-	8633	-	PAR
31	No	13-Sep-2019	DISC	Pink	PK0034	Total	0+	152	33	M	-	34	PK0034	-	8634	-	PAR
31	No	13-Sep-2019	DISC	Pink	PK0035	Total	0+	189	67	M	-	35	PK0035	-	8635	-	PAR
31	No	13-Sep-2019	DISC	Pink	PK0036	Total	0+	205	82	-	-	-	-	-	8636	-	
31	No	13-Sep-2019	DISC	Pink	PK0037	Total	0+	140	25	-	-	-	-	-	8637	-	
31	No	13-Sep-2019	DISC	Pink	PK0038	Total	0+	146	27	-	-	-	-	-	8638	-	
31	No	13-Sep-2019	DISC	Pink	PK0039	Total	0+	159	37	-	-	-	-	-	8639	-	
31	No	13-Sep-2019	DISC	Pink	PK0040	Total	0+	161	39	-	-	-	-	-	8640	-	
31	No	13-Sep-2019	DISC	Pink	PK0041	Total	0+	155	34	-	-	-	-	-	8641	-	
31	No	13-Sep-2019	DISC	Pink	PK0042	Total	0+	146	30	-	-	-	-	-	8642	-	
31	No	13-Sep-2019	DISC	Pink	PK0043	Total	0+	133	22	-	-	-	-	-	8643	-	
31	No	13-Sep-2019	DISC	Pink	PK0044	Total	0+	155	36	-	-	-	-	-	8644	-	
31	No	13-Sep-2019	DISC	Pink	PK0045	Total	0+	146	34	-	-	-	-	-	8645	-	
31	No	13-Sep-2019	DISC	Pink	-	Random	0+	151	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Pink	-	Random	0+	146	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Pink	-	Random	0+	147	-	-	-	-	-	-	-	-	
31	No	13-Sep-2019	DISC	Pink	-	Random	0+	168	-	-	-	-	-	-	-	-	
32	No	14-Sep-2019	DISC	Pink	PK0046	Total	0+	168	43	-	-	-	-	-	8646	-	
32	No	14-Sep-2019	DISC	Pink	PK0047	Total	0+	167	43	-	-	-	-	-	8647	-	
32	No	14-Sep-2019	DISC	Pink	PK0048	Total	0+	157	36	-	-	-	-	-	8648	-	
32	No	14-Sep-2019	DISC	Pink	PK0049	Total	0+	156	33	-	-	-	-	-	8649	-	
32	No	14-Sep-2019	DISC	Pink	PK0050	Total	0+	205	87	-	-	-	-	-	8650	-	
34	No	14-Sep-2019	DISC	Pink	PK0051	Total	0+	171	45	-	-	-	-	-	8651	-	
34	No	14-Sep-2019	DISC	Pink	PK0052	Total	0+	194	67	-	-	-	-	-	8652	-	
34	No	14-Sep-2019	DISC	Pink	PK0053	Total	0+	195	77	-	-	-	-	-	8653	-	
34	No	14-Sep-2019	DISC	Pink	PK0054	Total	0+	194	71	-	-	-	-	-	8654	-	
34	No	14-Sep-2019	DISC	Pink	PK0055	Total	0+	212	97	-	-	-	-	-	8655	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
35	No	14-Sep-2019	DISC	Pink	PK0056	Random	0+	202	84	M	-	36	PK0056	-	8656	-	PAR
35	No	14-Sep-2019	DISC	Pink	PK0057	Random	0+	189	66	M	-	37	PK0057	-	8657	-	PAR
35	No	14-Sep-2019	DISC	Pink	PK0058	Random	0+	203	90	F	-	38	PK0058	-	8658	-	PAR
35	No	14-Sep-2019	DISC	Pink	PK0059	Random	0+	157	30	M	-	39	PK0059	-	8659	-	BM (4 cm); PAR
35	No	14-Sep-2019	DISC	Pink	PK0060	Random	0+	189	74	M	-	40	PK0060	-	8660	-	PAR
35	No	14-Sep-2019	DISC	Pink	PK0061	Random	0+	191	68	-	-	-	-	-	8661	-	
35	No	14-Sep-2019	DISC	Pink	PK0062	Random	0+	206	92	-	-	-	-	-	8662	-	
35	No	14-Sep-2019	DISC	Pink	PK0063	Random	0+	171	48	-	-	-	-	-	8663	-	
35	No	14-Sep-2019	DISC	Pink	PK0064	Random	0+	206	95	-	-	-	-	-	8664	-	
35	No	14-Sep-2019	DISC	Pink	PK0065	Random	0+	186	70	-	-	-	-	-	8665	-	
35	No	14-Sep-2019	DISC	Pink	PK0066	Random	0+	205	91	F	-	41	PK0066	-	8666	-	
35	No	14-Sep-2019	DISC	Pink	PK0067	Random	0+	175	52	M	-	42	PK0067	-	8667	-	
35	No	14-Sep-2019	DISC	Pink	PK0068	Random	0+	186	68	F	-	43	PK0068	-	8668	-	
35	No	14-Sep-2019	DISC	Pink	PK0069	Random	0+	190	73	F	-	44	PK0069	-	8669	-	
35	No	14-Sep-2019	DISC	Pink	PK0070	Random	0+	190	69	F	-	45	PK0070	-	8670	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	209	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	186	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	190	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	200	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	195	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	174	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	214	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	194	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	200	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	200	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	190	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	200	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	207	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	200	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	198	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	190	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	184	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	192	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	190	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	192	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	190	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	193	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	186	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	200	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	148	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	193	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	170	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	190	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	200	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	180	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	198	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	189	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	183	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	195	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	192	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	174	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	154	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	200	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	198	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	192	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	179	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	201	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	188	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	195	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	189	-	-	-	-	-	-	-	-	
35	No	14-Sep-2019	DISC	Pink	-	Random	0+	172	-	-	-	-	-	-	-	-	
36	No	14-Sep-2019	DISC	Pink	PK0071	Total	0+	144	26	-	-	-	-	-	8671	-	
36	No	14-Sep-2019	DISC	Pink	PK0072	Total	0+	145	28	-	-	-	-	-	8672	-	
36	No	14-Sep-2019	DISC	Pink	PK0073	Total	0+	142	29	-	-	-	-	-	8673	-	
36	No	14-Sep-2019	DISC	Pink	PK0074	Total	0+	131	22	-	-	-	-	-	8674	-	
36	No	14-Sep-2019	DISC	Pink	PK0075	Total	0+	190	71	-	-	-	-	-	8675	-	
36	No	14-Sep-2019	DISC	Pink	PK0076	Total	0+	200	77	-	-	-	-	-	8676	-	
36	No	14-Sep-2019	DISC	Pink	PK0077	Total	0+	200	77	-	-	-	-	-	8677	-	
37	No	14-Sep-2019	DISC	Pink	PK0078	Random	0+	181	53	M	-	46	PK0078	-	8678	-	
37	No	14-Sep-2019	DISC	Pink	PK0079	Random	0+	143	28	F	-	47	PK0079	-	8679	-	
37	No	14-Sep-2019	DISC	Pink	PK0080	Random	0+	132	21	M	-	48	PK0080	-	8680	-	
37	No	14-Sep-2019	DISC	Pink	PK0081	Random	0+	138	25	M	-	49	PK0081	-	8681	-	
37	No	14-Sep-2019	DISC	Pink	PK0082	Random	0+	141	26	F	-	50	PK0082	-	8682	-	
37	No	14-Sep-2019	DISC	Pink	PK0083	Random	0+	155	37	F	-	51	PK0083	-	8683	-	
37	No	14-Sep-2019	DISC	Pink	PK0084	Random	0+	170	42	M	-	52	PK0084	-	8684	-	
37	No	14-Sep-2019	DISC	Pink	PK0085	Random	0+	136	23	F	-	53	PK0085	-	8685	-	
37	No	14-Sep-2019	DISC	Pink	PK0086	Random	0+	158	39	F	-	54	PK0086	-	8686	-	
37	No	14-Sep-2019	DISC	Pink	PK0087	Random	0+	128	18	M	-	55	PK0087	-	8687	-	
37	No	14-Sep-2019	DISC	Pink	-	Random	0+	178	-	-	-	-	-	-	-	-	
37	No	14-Sep-2019	DISC	Pink	-	Random	0+	162	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
37	No	14-Sep-2019	DISC	Pink	-	Random	0+	130	-	-	-	-	-	-	-	-	
37	No	14-Sep-2019	DISC	Pink	-	Random	0+	132	-	-	-	-	-	-	-	-	
37	No	14-Sep-2019	DISC	Pink	-	Random	0+	140	-	-	-	-	-	-	-	-	
37	No	14-Sep-2019	DISC	Pink	-	Random	0+	132	-	-	-	-	-	-	-	-	
37	No	14-Sep-2019	DISC	Pink	-	Random	0+	142	-	-	-	-	-	-	-	-	
37	No	14-Sep-2019	DISC	Pink	-	Random	0+	140	-	-	-	-	-	-	-	-	
37	No	14-Sep-2019	DISC	Pink	-	Random	0+	154	-	-	-	-	-	-	-	-	
37	No	14-Sep-2019	DISC	Pink	-	Random	0+	144	-	-	-	-	-	-	-	-	
37	No	14-Sep-2019	DISC	Pink	-	Random	0+	148	-	-	-	-	-	-	-	-	
37	No	14-Sep-2019	DISC	Pink	-	Random	0+	130	-	-	-	-	-	-	-	-	
37	No	14-Sep-2019	DISC	Pink	-	Random	0+	148	-	-	-	-	-	-	-	-	
37	No	14-Sep-2019	DISC	Pink	-	Random	0+	135	-	-	-	-	-	-	-	-	
37	No	14-Sep-2019	DISC	Pink	-	Random	0+	135	-	-	-	-	-	-	-	-	
37	No	14-Sep-2019	DISC	Pink	-	Random	0+	130	-	-	-	-	-	-	-	-	
38	No	14-Sep-2019	DISC	Pink	-	Total	0+	165	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	PK0088	Random	0+	196	82	F	-	55	PK0088	-	8688	-	
40	No	15-Sep-2019	SOG	Pink	PK0089	Random	0+	180	56	F	-	56	PK0089	-	8689	-	
40	No	15-Sep-2019	SOG	Pink	PK0090	Random	0+	178	65	F	-	57	PK0090	-	8690	-	
40	No	15-Sep-2019	SOG	Pink	PK0091	Random	0+	199	89	F	-	58	PK0091	-	8691	-	
40	No	15-Sep-2019	SOG	Pink	PK0092	Random	0+	193	73	F	-	59	PK0092	-	8692	-	
40	No	15-Sep-2019	SOG	Pink	PK0093	Random	0+	190	70	M	-	60	PK0093	-	8693	-	
40	No	15-Sep-2019	SOG	Pink	PK0094	Random	0+	205	88	M	-	61	PK0094	-	8694	-	
40	No	15-Sep-2019	SOG	Pink	PK0095	Random	0+	190	66	F	-	62	PK0095	-	8695	-	
40	No	15-Sep-2019	SOG	Pink	PK0096	Random	0+	197	76	M	-	63	PK0096	-	8696	-	
40	No	15-Sep-2019	SOG	Pink	PK0097	Random	0+	196	80	F	-	64	PK0097	-	8697	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	190	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	190	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	190	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	190	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	174	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	194	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	196	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	199	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	192	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	200	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	205	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	185	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	198	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	183	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	201	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	204	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	195	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	201	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	191	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	192	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	180	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	186	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	199	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	184	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	201	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	190	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	202	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	202	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	188	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	170	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	121	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	201	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	195	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	182	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	200	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	196	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	200	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	205	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	194	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	193	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	182	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	204	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	197	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	209	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	207	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	190	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	200	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	200	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	176	-	-	-	-	-	-	-	-	
40	No	15-Sep-2019	SOG	Pink	-	Random	0+	199	-	-	-	-	-	-	-	-	
44	No	15-Sep-2019	SOG	Pink	PK0098	Random	0+	159	39	F	-	65	PK0098	-	8704	-	
44	No	15-Sep-2019	SOG	Pink	PK0099	Random	0+	195	81	M	-	66	PK0099	-	8705	-	
44	No	15-Sep-2019	SOG	Pink	PK0100	Random	0+	186	68	M	-	67	PK0100	-	8706	-	BM (6 cm)
44	No	15-Sep-2019	SOG	Pink	PK0101	Random	0+	174	50	M	-	68	PK0101	-	8707	-	
44	No	15-Sep-2019	SOG	Pink	PK0102	Random	0+	199	91	M	-	69	PK0102	-	8708	-	LEP (gravid)

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
44	No	15-Sep-2019	SOG	Pink	PK0103	Random	0+	178	55	M	-	70	PK0103	-	8709	-	LEP (2 gravid)
44	No	15-Sep-2019	SOG	Pink	PK0104	Random	0+	207	99	M	-	71	PK0104	-	8710	-	
44	No	15-Sep-2019	SOG	Pink	PK0105	Random	0+	197	76	F	-	72	PK0105	-	8711	-	
44	No	15-Sep-2019	SOG	Pink	PK0106	Random	0+	176	56	F	-	73	PK0106	-	8712	-	
44	No	15-Sep-2019	SOG	Pink	PK0107	Random	0+	200	89	M	-	74	PK0107	-	8713	-	
44	No	15-Sep-2019	SOG	Pink	PK9098	Random	0+	190	72	-	-	-	-	-	8698	-	
44	No	15-Sep-2019	SOG	Pink	PK9099	Random	0+	197	83	-	-	-	-	-	8699	-	
44	No	15-Sep-2019	SOG	Pink	PK9100	Random	0+	183	67	-	-	-	-	-	8700	-	
44	No	15-Sep-2019	SOG	Pink	PK9101	Random	0+	189	72	-	-	-	-	-	8701	-	
44	No	15-Sep-2019	SOG	Pink	PK9102	Random	0+	174	58	-	-	-	-	-	8702	-	
44	No	15-Sep-2019	SOG	Pink	PK9103	Random	0+	183	69	-	-	-	-	-	8703	-	
45	No	15-Sep-2019	SOG	Pink	PK0108	Total	0+	201	84	-	-	-	-	-	8714	-	
46	No	15-Sep-2019	DESO	Pink	-	Total	0+	188	-	-	-	-	-	-	-	-	
46	No	15-Sep-2019	DESO	Pink	-	Total	0+	182	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Pink	-	Total	0+	200	-	-	-	-	-	-	-	-	
48	No	15-Sep-2019	DESO	Pink	-	Total	0+	188	-	-	-	-	-	-	-	-	
50	Yes	16-Sep-2019	SOG	Pink	-	Total	0+	211	-	-	-	-	-	-	-	-	
52	Yes	16-Sep-2019	SOG	Pink	PK0109	Total	0+	209	103	F	-	75	PK0109	-	8715	-	
52	Yes	16-Sep-2019	SOG	Pink	PK0110	Total	0+	177	56	F	-	76	PK0110	-	8716	-	
52	Yes	16-Sep-2019	SOG	Pink	PK0111	Total	0+	195	80	M	-	77	PK0111	-	8717	-	
52	Yes	16-Sep-2019	SOG	Pink	PK0112	Total	0+	197	78	F	-	78	PK0112	-	8718	-	
52	Yes	16-Sep-2019	SOG	Pink	PK0113	Total	0+	185	67	F	-	79	PK0113	-	8719	-	
53	Yes	16-Sep-2019	SOG	Pink	-	Total	0+	208	-	-	-	-	-	-	-	-	DEF (tail)
55	Yes	16-Sep-2019	SOG	Pink	PK0114	Total	0+	205	91	M	-	80	PK0114	-	8720	-	
55	Yes	16-Sep-2019	SOG	Pink	PK0115	Random	0+	208	95	F	-	81	PK0115	-	8721	-	
55	Yes	16-Sep-2019	SOG	Pink	PK0116	Total	0+	220	114	M	-	82	PK0116	-	8722	-	
66	Yes	18-Sep-2019	SOG	Pink	-	Total	0+	207	-	-	-	-	-	-	-	-	PAR
105	Yes	22-Sep-2019	SOG	Pink	PK0128	Total	0+	193	79	M	-	83	PK0128	-	8723	-	
128	No	26-Sep-2019	GISL	Pink	PK0129	Total	0+	202	85	F	-	84	PK0129	-	8724	-	
144	Yes	28-Sep-2019	SOG	Pink	PK0130	Total	0+	191	70	M	-	85	PK0130	-	8725	-	
59	No	17-Sep-2019	JERV	Sockeye	SX0050	Total	0+	137	27	-	-	-	-	-	8849	-	IGF
59	No	17-Sep-2019	JERV	Sockeye	SX0051	Total	0+	148	33	-	-	-	-	-	8850	-	IGF
65	No	17-Sep-2019	JERV	Sockeye	SX0052	Total	0+	149	35	-	-	-	-	-	8851	-	BM; IGF
66	Yes	18-Sep-2019	SOG	Sockeye	SX0053	Total	0+	125	18	F	-	26	SX0053	-	8852	SX0053	
66	Yes	18-Sep-2019	SOG	Sockeye	SX0054	Total	0+	132	23	M	-	27	SX0054	-	8853	SX0054	
66	Yes	18-Sep-2019	SOG	Sockeye	SX0055	Total	0+	139	28	M	-	28	SX0055	-	8854	SX0055	
66	Yes	18-Sep-2019	SOG	Sockeye	SX0056	Total	0+	135	24	F	-	29	SX0056	-	8855	SX0056	LEP (female); IGF
66	Yes	18-Sep-2019	SOG	Sockeye	SX0057	Total	0+	148	35	M	-	30	SX0057	-	8856	SX0057	IGF
66	Yes	18-Sep-2019	SOG	Sockeye	SX0058	Total	0+	138	26	M	-	21	SX0058	-	8857	SX0058	
66	Yes	18-Sep-2019	SOG	Sockeye	SX0059	Total	0+	138	27	M	-	22	SX0059	-	8858	SX0059	

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Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
66	Yes	18-Sep-2019	SOG	Sockeye	SX0060	Total	0+	129	20	F	-	23	SX0060	-	8859	SX0060	
66	Yes	18-Sep-2019	SOG	Sockeye	SX0061	Total	0+	140	30	F	-	24	SX0061	-	8860	SX0061	
66	Yes	18-Sep-2019	SOG	Sockeye	SX0062	Total	0+	132	22	M	-	25	SX0062	-	8861	SX0062	
66	Yes	18-Sep-2019	SOG	Sockeye	SX0063	Total	0+	142	30	-	-	-	-	-	8862	-	
66	Yes	18-Sep-2019	SOG	Sockeye	SX0064	Total	0+	144	30	-	-	-	-	-	8863	-	
66	Yes	18-Sep-2019	SOG	Sockeye	SX0065	Total	0+	123	19	-	-	-	-	-	8864	-	
66	Yes	18-Sep-2019	SOG	Sockeye	SX0066	Total	0+	115	16	-	-	-	-	-	8865	-	
66	Yes	18-Sep-2019	SOG	Sockeye	SX0067	Total	0+	139	27	-	-	-	-	-	8866	-	
66	Yes	18-Sep-2019	SOG	Sockeye	SX0068	Total	0+	105	13	-	-	-	-	-	8867	-	
66	Yes	18-Sep-2019	SOG	Sockeye	SX0069	Total	0+	111	13	-	-	-	-	-	8868	-	
66	Yes	18-Sep-2019	SOG	Sockeye	SX0070	Total	0+	138	26	-	-	-	-	-	8869	-	
66	Yes	18-Sep-2019	SOG	Sockeye	SX0071	Total	0+	122	18	-	-	-	-	-	8870	-	
66	Yes	18-Sep-2019	SOG	Sockeye	SX0072	Total	0+	136	25	-	-	-	-	-	8871	-	
66	Yes	18-Sep-2019	SOG	Sockeye	SX0073	Total	0+	122	19	-	-	-	-	-	8872	-	
68	Yes	18-Sep-2019	SOG	Sockeye	SX0074	Total	0+	164	48	M	-	31	SX0074	-	8873	SX0074	IGF
69	Yes	18-Sep-2019	SOG	Sockeye	SX0075	Total	0+	151	35	F	-	32	SX0075	-	8874	SX0075	IGF
70	Yes	18-Sep-2019	SOG	Sockeye	SX0076	Total	0+	138	26	M	-	33	SX0076	-	8875	SX0076	IGF
75	Yes	19-Sep-2019	SOG	Sockeye	SX0077	Total	0+	128	18	-	-	-	-	-	8876	-	GC
75	Yes	19-Sep-2019	SOG	Sockeye	SX0078	Total	0+	141	20	-	-	-	-	-	8877	-	
85	Yes	20-Sep-2019	SOG	Sockeye	SX0079	Total	0+	162	47	-	-	-	-	-	8878	-	IGF
88	Yes	20-Sep-2019	SOG	Sockeye	SX0080	Total	0+	138	26	-	-	-	-	-	8879	-	IGF
88	Yes	20-Sep-2019	SOG	Sockeye	SX0081	Total	0+	165	47	-	-	-	-	-	8880	-	IGF
89	Yes	20-Sep-2019	SOG	Sockeye	SX0082	Total	0+	127	22	F	-	34	SX0082	-	8881	-	
100	Yes	22-Sep-2019	SOG	Sockeye	SX0083	Total	0+	166	44	-	-	-	-	-	8882	-	IGF
100	Yes	22-Sep-2019	SOG	Sockeye	SX0084	Total	0+	151	37	-	-	-	-	-	8883	-	IGF
109	Yes	23-Sep-2019	SOG	Sockeye	SX0085	Total	0+	199	84	F	-	35	SX0085	-	8884	SX0085	BM (6 cm); IGF
112	Yes	23-Sep-2019	SOG	Sockeye	SX0086	Total	0+	180	60	M	-	36	SX0086	-	8885	SX0086	IGF; PAR
119	Yes	24-Sep-2019	SOG	Sockeye	SX0087	Total	0+	147	33	M	-	37	SX0087	-	8886	SX0087	IGF
128	No	26-Sep-2019	GISL	Sockeye	SX0088	Total	0+	191	80	M	-	38	SX0088	-	8887	SX0088	IGF
129	No	26-Sep-2019	GISL	Sockeye	SX0089	Total	0+	124	18	-	-	39	SX0089	-	8888	SX0089	IGF
137	Yes	27-Sep-2019	SOG	Sockeye	SX0090	Total	0+	137	-	-	-	-	-	-	8889	-	IGF
137	Yes	27-Sep-2019	SOG	Sockeye	SX0091	Total	0+	130	-	-	-	-	-	-	8890	-	IGF
137	Yes	27-Sep-2019	SOG	Sockeye	SX0092	Total	0+	125	-	-	-	-	-	-	8891	-	IGF
137	Yes	27-Sep-2019	SOG	Sockeye	SX0093	Total	0+	115	-	-	-	-	-	-	8892	-	IGF
138	Yes	27-Sep-2019	SOG	Sockeye	SX0094	Total	0+	130	23	-	-	-	-	-	8893	-	
139	Yes	27-Sep-2019	SOG	Sockeye	SX0095	Total	0+	134	-	M	-	40	SX0095	-	8894	SX0095	IGF
139	Yes	27-Sep-2019	SOG	Sockeye	SX0096	Total	0+	133	-	M	-	41	SX0096	-	8895	SX0096	IGF
139	Yes	27-Sep-2019	SOG	Sockeye	SX0097	Total	0+	154	-	F	-	42	SX0097	-	8896	SX0097	IGF
139	Yes	27-Sep-2019	SOG	Sockeye	SX0098	Total	0+	133	-	M	-	43	SX0098	-	8897	SX0098	IGF
139	Yes	27-Sep-2019	SOG	Sockeye	SX0099	Total	0+	130	-	-	-	44	SX0099	-	8898	SX0099	IGF

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139	Yes	27-Sep-2019	SOG	Sockeye	SX0100	Total	0+	143	34	M	-	45	SX0100	-	8899	SX0100	
139	Yes	27-Sep-2019	SOG	Sockeye	SX0101	Total	0+	135	25	M	-	46	SX0101	-	8900	SX0101	
139	Yes	27-Sep-2019	SOG	Sockeye	SX0102	Total	0+	127	24	F	-	47	SX0102	-	8901	SX0102	Cysts (stomach)
139	Yes	27-Sep-2019	SOG	Sockeye	SX0103	Total	0+	139	35	-	-	-	-	-	8902	-	
139	Yes	27-Sep-2019	SOG	Sockeye	SX0104	Total	0+	125	21	-	-	-	-	-	8903	-	
139	Yes	27-Sep-2019	SOG	Sockeye	SX0105	Total	0+	154	41	-	-	-	-	-	8904	-	
139	Yes	27-Sep-2019	SOG	Sockeye	SX0106	Total	0+	130	24	-	-	-	-	-	8905	-	
139	Yes	27-Sep-2019	SOG	Sockeye	SX0107	Total	0+	146	32	-	-	-	-	-	8906	-	
140	Yes	27-Sep-2019	SOG	Sockeye	SX0108	Total	0+	142	-	M	-	48	SX0108	-	8907	SX0108	LW (D1-2, 4.5 cm); IGF; PAR
140	Yes	27-Sep-2019	SOG	Sockeye	SX0109	Total	0+	140	-	F	-	49	SX0109	-	8908	SX0109	IGF; PAR
141	No	27-Sep-2019	HOWE	Sockeye	SX0110	Random	0+	147	32	M	-	57	SX0110	-	8909	SX0110	IGF; PAR
141	No	27-Sep-2019	HOWE	Sockeye	SX0111	Random	0+	149	33	M	-	58	SX0111	-	8910	SX0111	IGF; PAR
141	No	27-Sep-2019	HOWE	Sockeye	SX0112	Random	0+	136	25	F	-	59	SX0112	-	8911	SX0112	IGF; PAR
141	No	27-Sep-2019	HOWE	Sockeye	SX0113	Random	0+	131	22	M	-	60	SX0113	-	8912	SX0113	IGF
141	No	27-Sep-2019	HOWE	Sockeye	SX0114	Random	0+	138	27	M	-	61	SX0114	-	8913	SX0114	IGF
141	No	27-Sep-2019	HOWE	Sockeye	SX0115	Random	0+	134	24	M	-	62	SX0115	-	8914	SX0115	
141	No	27-Sep-2019	HOWE	Sockeye	SX0116	Random	0+	133	24	M	-	63	SX0116	-	8915	SX0116	
141	No	27-Sep-2019	HOWE	Sockeye	SX0117	Random	0+	140	29	M	-	64	SX0117	-	8916	SX0117	
141	No	27-Sep-2019	HOWE	Sockeye	SX0118	Random	0+	126	21	F	-	65	SX0118	-	8917	SX0118	
141	No	27-Sep-2019	HOWE	Sockeye	SX0119	Random	0+	143	32	M	-	66	SX0119	-	8918	SX0119	
141	No	27-Sep-2019	HOWE	Sockeye	SX0120	Random	0+	129	21	-	-	-	-	-	8919	-	
141	No	27-Sep-2019	HOWE	Sockeye	SX0121	Random	0+	135	26	-	-	-	-	-	8920	-	
141	No	27-Sep-2019	HOWE	Sockeye	SX0122	Random	0+	136	25	-	-	-	-	-	8921	-	
141	No	27-Sep-2019	HOWE	Sockeye	SX0123	Random	0+	125	20	-	-	-	-	-	8922	-	
141	No	27-Sep-2019	HOWE	Sockeye	SX0124	Random	0+	136	26	-	-	-	-	-	8923	-	
141	No	27-Sep-2019	HOWE	Sockeye	SX0125	Random	0+	136	26	-	-	-	-	-	8924	-	
141	No	27-Sep-2019	HOWE	Sockeye	SX0126	Random	0+	130	22	-	-	-	-	-	8925	-	
141	No	27-Sep-2019	HOWE	Sockeye	SX0127	Random	0+	144	31	-	-	-	-	-	8926	-	
141	No	27-Sep-2019	HOWE	Sockeye	SX0128	Random	0+	126	19	-	-	-	-	-	8927	-	
141	No	27-Sep-2019	HOWE	Sockeye	SX0129	Random	0+	119	16	-	-	-	-	-	8928	-	
141	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	132	-	-	-	-	-	-	-	-	
141	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	130	-	-	-	-	-	-	-	-	
142	No	27-Sep-2019	HOWE	Sockeye	SX0130	Total	0+	145	32	M	-	67	SX0130	-	8929	SX0130	IGF; PAR
142	No	27-Sep-2019	HOWE	Sockeye	SX0131	Total	0+	142	30	M	-	68	SX0131	-	8930	SX0131	IGF; PAR
142	No	27-Sep-2019	HOWE	Sockeye	SX0132	Total	0+	130	22	M	-	69	SX0132	-	8931	SX0132	IGF; PAR
142	No	27-Sep-2019	HOWE	Sockeye	SX0133	Total	0+	139	27	F	-	60	SX0133	-	8932	SX0133	IGF
142	No	27-Sep-2019	HOWE	Sockeye	SX0134	Total	0+	139	27	M	-	61	SX0134	-	8933	SX0134	IGF
142	No	27-Sep-2019	HOWE	Sockeye	SX0135	Total	0+	127	22	M	-	62	SX0135	-	8934	SX0135	
142	No	27-Sep-2019	HOWE	Sockeye	SX0136	Total	0+	146	34	M	-	63	SX0136	-	8935	SX0136	
142	No	27-Sep-2019	HOWE	Sockeye	SX0137	Total	0+	137	27	M	-	64	SX0137	-	8936	SX0137	

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142	No	27-Sep-2019	HOWE	Sockeye	SX0138	Total	0+	144	29	F	-	65	SX0138	-	8937	SX0138	
142	No	27-Sep-2019	HOWE	Sockeye	SX0139	Total	0+	136	28	F	-	66	SX0139	-	8938	SX0139	
142	No	27-Sep-2019	HOWE	Sockeye	SX0140	Total	0+	126	22	-	-	-	-	-	8939	-	
142	No	27-Sep-2019	HOWE	Sockeye	SX0141	Total	0+	135	26	-	-	-	-	-	8940	-	
142	No	27-Sep-2019	HOWE	Sockeye	SX0142	Total	0+	125	22	-	-	-	-	-	8941	-	
142	No	27-Sep-2019	HOWE	Sockeye	SX0143	Total	0+	123	19	-	-	-	-	-	8942	-	
142	No	27-Sep-2019	HOWE	Sockeye	SX0144	Total	0+	110	13	-	-	-	-	-	8943	-	
142	No	27-Sep-2019	HOWE	Sockeye	SX0145	Total	0+	145	33	-	-	-	-	-	8944	-	
143	No	27-Sep-2019	HOWE	Sockeye	SX0146	Random	0+	146	33	-	-	-	-	-	8945	-	
143	No	27-Sep-2019	HOWE	Sockeye	SX0147	Random	0+	141	30	-	-	-	-	-	8946	-	
143	No	27-Sep-2019	HOWE	Sockeye	SX0148	Random	0+	150	37	-	-	-	-	-	8947	-	
143	No	27-Sep-2019	HOWE	Sockeye	SX0149	Random	0+	140	29	-	-	-	-	-	8948	-	
143	No	27-Sep-2019	HOWE	Sockeye	SX0150	Random	0+	132	26	-	-	-	-	-	8949	-	
143	No	27-Sep-2019	HOWE	Sockeye	SX0151	Random	0+	146	34	-	-	-	-	-	8950	-	
143	No	27-Sep-2019	HOWE	Sockeye	SX0152	Random	0+	133	21	-	-	-	-	-	8951	-	LW (D1, 1.5 cm); LEP (male); Skinny
143	No	27-Sep-2019	HOWE	Sockeye	SX0153	Random	0+	156	36	-	-	-	-	-	8952	-	BM (3.5 cm)
143	No	27-Sep-2019	HOWE	Sockeye	SX0154	Random	0+	153	37	-	-	-	-	-	8953	-	
143	No	27-Sep-2019	HOWE	Sockeye	SX0155	Random	0+	140	28	-	-	-	-	-	8954	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	141	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	128	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	135	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	130	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	120	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	139	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	136	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	134	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	132	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	124	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	129	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	145	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	144	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	125	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	133	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	125	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	149	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	152	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	125	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	149	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	128	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	130	-	-	-	-	-	-	-	-	

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	130	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	126	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	138	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	132	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	145	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	142	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	132	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	112	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	128	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	125	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	138	-	-	-	-	-	-	-	-	
143	No	27-Sep-2019	HOWE	Sockeye	-	Random	0+	143	-	-	-	-	-	-	-	-	
144	Yes	28-Sep-2019	SOG	Sockeye	SX0156	Total	0+	149	34	F	-	72	SX0156	-	8955	SX0156	PAR
144	Yes	28-Sep-2019	SOG	Sockeye	SX0157	Total	0+	116	18	M	-	73	SX0157	-	8956	SX0157	PAR
144	Yes	28-Sep-2019	SOG	Sockeye	SX0158	Total	0+	134	26	M	-	74	SX0158	-	8957	SX0158	PAR
144	Yes	28-Sep-2019	SOG	Sockeye	SX0159	Total	0+	157	39	F	-	70	SX0159	-	8958	SX0159	
144	Yes	28-Sep-2019	SOG	Sockeye	SX0160	Total	0+	136	22	M	-	71	SX0160	-	8959	SX0160	
1	Yes	10-Sep-2019	SOG	Sockeye	SX0001	Total	0+	124	17	-	-	-	-	-	8801	-	
4	Yes	10-Sep-2019	SOG	Sockeye	SX0002	Total	0+	151	41	-	-	-	-	-	8802	-	
4	Yes	10-Sep-2019	SOG	Sockeye	SX0003	Total	0+	189	86	-	-	-	-	-	8803	-	
4	Yes	10-Sep-2019	SOG	Sockeye	SX0005	Total	0+	135	27	-	-	-	-	-	8804	-	
4	Yes	10-Sep-2019	SOG	Sockeye	SX0006	Total	0+	140	30	-	-	-	-	-	8805	-	
4	Yes	10-Sep-2019	SOG	Sockeye	SX0007	Total	0+	140	35	-	-	-	-	-	8806	-	
4	Yes	10-Sep-2019	SOG	Sockeye	SX0008	Total	0+	111	17	-	-	-	-	-	8807	-	
4	Yes	10-Sep-2019	SOG	Sockeye	SX0009	Total	0+	183	66	-	-	-	-	-	8808	-	
4	Yes	10-Sep-2019	SOG	Sockeye	SX0010	Total	0+	157	47	-	-	-	-	-	8809	-	
4	Yes	10-Sep-2019	SOG	Sockeye	SX0011	Total	0+	139	31	-	-	-	-	-	8810	-	
4	Yes	10-Sep-2019	SOG	Sockeye	SX0012	Total	0+	131	25	M	-	1	SX0012	-	8811	SX0012	
4	Yes	10-Sep-2019	SOG	Sockeye	SX0013	Total	0+	134	27	F	-	2	SX0013	-	8812	SX0013	
4	Yes	10-Sep-2019	SOG	Sockeye	SX0014	Total	0+	142	35	-	-	3	SX0014	-	8813	SX0014	
4	Yes	10-Sep-2019	SOG	Sockeye	SX0015	Total	0+	131	26	M	-	4	SX0015	-	8814	SX0015	
4	Yes	10-Sep-2019	SOG	Sockeye	SX0016	Total	0+	135	31	M	-	5	SX0016	-	8815	SX0016	
4	Yes	10-Sep-2019	SOG	Sockeye	SX0017	Total	0+	123	20	F	-	6	SX0017	-	8816	SX0017	
4	Yes	10-Sep-2019	SOG	Sockeye	SX0018	Total	0+	122	23	-	-	7	SX0018	-	8817	SX0018	
4	Yes	10-Sep-2019	SOG	Sockeye	SX0019	Total	0+	135	29	M	-	8	SX0019	-	8818	SX0019	
4	Yes	10-Sep-2019	SOG	Sockeye	SX0020	Total	0+	134	25	M	-	9	SX0020	-	8819	SX0020	
4	Yes	10-Sep-2019	SOG	Sockeye	SX0021	Total	0+	155	48	M	-	10	SX0021	-	8820	SX0021	LW (D3, healed)
4	Yes	10-Sep-2019	SOG	Sockeye	SX0022	Total	0+	135	25	M	-	11	SX0022	-	8821	SX0022	
6	Yes	10-Sep-2019	SOG	Sockeye	SX0023	Total	0+	118	16	-	-	-	-	-	8822	-	IGF
6	Yes	10-Sep-2019	SOG	Sockeye	SX0024	Total	0+	140	26	-	-	-	-	-	8823	-	IGF

Appendix 1 (Contd.). Biological information for Pacific salmon captured during the sept 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Ocean Age	Length (mm)	Weight (g)	Sex ^B	Fin clips/Tags	Otoliths	Stomach	Scales	DNA Tissue	Muscle	Additional Notes (wounds, parasites, condition, collaborative sampling)
6	Yes	10-Sep-2019	SOG	Sockeye	SX0025	Total	0+	118	17	-	-	-	-	-	8824	-	IGF
6	Yes	10-Sep-2019	SOG	Sockeye	SX0026	Total	0+	136	26	-	-	-	-	-	8825	-	IGF
6	Yes	10-Sep-2019	SOG	Sockeye	SX0027	Total	0+	122	20	-	-	-	-	-	8826	-	IGF
6	Yes	10-Sep-2019	SOG	Sockeye	SX0028	Total	0+	142	33	F	-	12	SX0028	-	8827	-	BM (2.5 cm)
6	Yes	10-Sep-2019	SOG	Sockeye	SX0029	Total	0+	115	16	M	-	13	SX0029	-	8828	-	
6	Yes	10-Sep-2019	SOG	Sockeye	SX0030	Total	0+	132	23	M	-	14	SX0030	-	8829	-	
6	Yes	10-Sep-2019	SOG	Sockeye	SX0031	Total	0+	136	25	M	-	15	SX0031	-	8830	-	
6	Yes	10-Sep-2019	SOG	Sockeye	SX0032	Total	0+	118	16	M	-	16	SX0032	-	8831	-	
6	Yes	10-Sep-2019	SOG	Sockeye	SX0033	Total	0+	134	24	-	-	-	-	-	8832	-	
6	Yes	10-Sep-2019	SOG	Sockeye	SX0034	Total	0+	141	31	-	-	-	-	-	8833	-	
6	Yes	10-Sep-2019	SOG	Sockeye	SX0035	Total	0+	151	34	M	-	17	SX0035	-	8834	-	
7	Yes	11-Sep-2019	SOG	Sockeye	SX0036	Total	0+	110	13	-	-	-	-	-	8835	-	IGF
7	Yes	11-Sep-2019	SOG	Sockeye	SX0037	Total	0+	128	22	-	-	-	-	-	8836	-	LW (LD1, 0.5 cm); IGF
7	Yes	11-Sep-2019	SOG	Sockeye	SX0038	Total	0+	147	36	-	-	-	-	-	8837	-	IGF
7	Yes	11-Sep-2019	SOG	Sockeye	SX0039	Total	0+	125	19	-	-	-	-	-	8838	-	IGF
14	Yes	12-Sep-2019	SOG	Sockeye	SX0040	Total	0+	144	31	-	-	-	-	-	8839	-	
21	No	12-Sep-2019	DESO	Sockeye	SX0041	Total	0+	182	67	-	-	-	-	-	8840	-	BM (3 cm); IGF
21	No	12-Sep-2019	DESO	Sockeye	SX0042	Total	0+	150	41	-	-	-	-	-	8841	-	IGF
21	No	12-Sep-2019	DESO	Sockeye	SX0043	Total	0+	134	29	-	-	-	-	-	8842	-	IGF
23	No	12-Sep-2019	DESO	Sockeye	SX0044	Total	0+	148	35	-	-	-	-	-	8843	-	IGF
27	No	13-Sep-2019	DESO	Sockeye	SX9044	Total	0+	136	25	-	-	-	-	-	8844	-	IGF
29	No	13-Sep-2019	DESO	Sockeye	SX0045	Total	0+	158	46	-	-	-	-	-	8845	-	IGF
31	No	13-Sep-2019	DISC	Sockeye	SX0046	Total	0+	138	23	-	-	-	-	-	8846	-	IGF
40	No	15-Sep-2019	SOG	Sockeye	SX0048	Total	0+	135	25	M	-	19	SX0048	-	8847	-	BM (2 cm); IGF
42	Yes	15-Sep-2019	SOG	Sockeye	SX0049	Total	0+	159	39	M	-	20	SX0049	-	8848	-	IGF

Appendix 2. Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data.

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
125	No	25-Sep-2019	JDEF	American Shad	-	Total	-	193	-	-	
16	No	12-Sep-2019	SOG	Bay Pipefish	-	Total	-	95	-	-	
26	No	13-Sep-2019	DESO	Bay Pipefish	-	Total	-	75	-	-	
43	Yes	15-Sep-2019	SOG	Bay Pipefish	-	Total	-	98	-	-	
45	No	15-Sep-2019	SOG	Bay Pipefish	-	Total	-	214	-	-	
62	No	17-Sep-2019	JERV	Glass Shrimp	-	Total	-	65	-	-	
35	No	14-Sep-2019	DISC	Jellyfish - Lions Mane	-	Select ⁶	-	600	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	100	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	72	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	80	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	100	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	105	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	70	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	71	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	79	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	90	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	82	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	70	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	98	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	89	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	78	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	65	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	90	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	96	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	70	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	78	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	71	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	88	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	69	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	90	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	75	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	69	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	94	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	101	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	81	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	105	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	79	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	72	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	104	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	79	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	84	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	80	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	104	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	93	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	64	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	70	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	80	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	100	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	96	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	75	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	66	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	95	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	82	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	88	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	85	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	74	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	80	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	79	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	72	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	74	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	61	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	79	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	74	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	88	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	80	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	102	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	70	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	104	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	96	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	88	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	95	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	65	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	89	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	81	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	69	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	72	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	85	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	65	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	69	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	95	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	104	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	105	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	106	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	95	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	96	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	105	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	96	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	91	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	85	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	89	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	101	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	85	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	100	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	95	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	92	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	85	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	100	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	101	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	92	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	96	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	99	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	95	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	108	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	99	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	102	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	99	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Random	-	90	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	141	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	142	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	136	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	143	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	126	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	150	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	140	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	142	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	142	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	126	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	139	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	137	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	142	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	145	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	141	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	109	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	106	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	145	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	130	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	135	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	107	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	106	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	106	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	106	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	114	-	-	
23	No	12-Sep-2019	DESO	Northern Anchovy	-	Select ³	-	150	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	142	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	115	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	115	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	108	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	112	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	112	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	115	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	116	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	108	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	109	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	112	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	111	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	95	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	109	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	108	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	100	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	108	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	142	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	105	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	108	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	109	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	105	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	102	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	108	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	112	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	111	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	111	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	105	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	102	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	105	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	105	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	108	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	120	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	168	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	135	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	100	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	120	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	104	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	210	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	108	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	109	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	111	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	118	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	109	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	105	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	109	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	114	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	105	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	114	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	111	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	109	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	120	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	108	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	105	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	105	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	100	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	108	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	111	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	108	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	109	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	108	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	98	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	115	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	105	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	112	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	109	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	105	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	141	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	114	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	106	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	108	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	115	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	111	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	108	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	105	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	115	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	120	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	118	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	112	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	105	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	122	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	142	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	112	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	142	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	145	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	105	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	105	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	104	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	102	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	108	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	105	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	142	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	104	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	105	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	108	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	109	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	115	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	115	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	108	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	102	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	112	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	109	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	98	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	105	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	105	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	112	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	109	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	115	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	115	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	112	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	112	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	113	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	114	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	112	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	119	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	112	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	112	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	111	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	112	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	110	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Random	-	109	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Select ³	-	105	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Select ³	-	112	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Select ³	-	106	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Select ³	-	115	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Select ³	-	103	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Select ³	-	111	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Select ³	-	106	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Select ³	-	128	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Select ³	-	105	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Select ³	-	116	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Select ³	-	145	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Select ³	-	159	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Select ³	-	143	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Select ³	-	155	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Select ³	-	152	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Select ³	-	152	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Select ³	-	145	-	-	
65	No	17-Sep-2019	JERV	Northern Anchovy	-	Select ³	-	162	-	-	
143	No	27-Sep-2019	HOWE	Northern Anchovy	-	Total	-	85	-	-	
64	No	17-Sep-2019	JERV	Northern Spearnose Poacher	-	Total	-	74	-	-	
1	Yes	10-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	35	-	-	
1	Yes	10-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	30	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	50	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	35	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	40	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	29	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	30	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	35	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	41	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	38	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	42	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	35	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	36	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	42	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	29	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	40	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	35	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	36	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	41	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	36	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	25	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	45	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	50	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	34	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	40	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	38	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	39	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	38	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	41	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	42	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	38	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	31	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	29	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	31	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	29	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	39	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	38	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	31	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	30	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	32	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	40	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	27	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	29	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	30	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	31	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	25	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	31	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	40	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	25	-	-	
14	Yes	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	26	-	-	
16	No	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	52	-	-	
16	No	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	26	-	-	
17	No	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	46	-	-	
17	No	12-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	35	-	-	
18	No	12-Sep-2019	DESO	Opalescent Inshore Squid	-	Total	-	45	-	-	
18	No	12-Sep-2019	DESO	Opalescent Inshore Squid	-	Total	-	40	-	-	
18	No	12-Sep-2019	DESO	Opalescent Inshore Squid	-	Total	-	30	-	-	
18	No	12-Sep-2019	DESO	Opalescent Inshore Squid	-	Total	-	45	-	-	
18	No	12-Sep-2019	DESO	Opalescent Inshore Squid	-	Total	-	32	-	-	
18	No	12-Sep-2019	DESO	Opalescent Inshore Squid	-	Total	-	35	-	-	
18	No	12-Sep-2019	DESO	Opalescent Inshore Squid	-	Total	-	30	-	-	
21	No	12-Sep-2019	DESO	Opalescent Inshore Squid	-	Total	-	31	-	-	
24	No	13-Sep-2019	DESO	Opalescent Inshore Squid	-	Total	-	50	-	-	
25	No	13-Sep-2019	DESO	Opalescent Inshore Squid	-	Total	-	38	-	-	
27	No	13-Sep-2019	DESO	Opalescent Inshore Squid	-	Total	-	39	-	-	
27	No	13-Sep-2019	DESO	Opalescent Inshore Squid	-	Total	-	25	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
27	No	13-Sep-2019	DESO	Opalescent Inshore Squid	-	Total	-	25	-	-	
51	Yes	16-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	49	-	-	
59	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	80	-	-	
59	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	39	-	-	
59	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	53	-	-	
61	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	62	-	-	
61	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	45	-	-	
61	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	67	-	-	
61	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	45	-	-	
61	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	43	-	-	
61	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	39	-	-	
61	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	60	-	-	
62	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	21	-	-	
62	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	24	-	-	
62	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	40	-	-	
62	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	50	-	-	
63	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	35	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	41	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	25	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	52	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	57	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	40	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	32	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	42	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	48	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	35	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	40	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	50	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	39	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	40	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	40	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	18	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	38	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	43	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	23	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	47	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	41	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	42	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	40	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	40	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	40	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	30	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	40	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	42	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	18	-	-	
64	No	17-Sep-2019	JERV	Opalescent Inshore Squid	-	Total	-	42	-	-	
67	Yes	18-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	52	-	-	
67	Yes	18-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	35	-	-	
67	Yes	18-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	42	-	-	
67	Yes	18-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	30	-	-	
67	Yes	18-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	25	-	-	
71	Yes	18-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	28	-	-	
73	Yes	18-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	20	-	-	
80	Yes	19-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	35	-	-	
80	Yes	19-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	36	-	-	
80	Yes	19-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	32	-	-	
86	Yes	20-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	35	-	-	
86	Yes	20-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	28	-	-	
86	Yes	20-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	30	-	-	
86	Yes	20-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	25	-	-	
93	Yes	20-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	50	-	-	
93	Yes	20-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	25	-	-	
93	Yes	20-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	28	-	-	
93	Yes	20-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	25	-	-	
93	Yes	20-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	29	-	-	
93	Yes	20-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	30	-	-	
93	Yes	20-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	26	-	-	
95	Yes	21-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	35	-	-	
95	Yes	21-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	38	-	-	
95	Yes	21-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	41	-	-	
95	Yes	21-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	28	-	-	
95	Yes	21-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	25	-	-	
96	Yes	21-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	100	-	-	
96	Yes	21-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	35	-	-	
96	Yes	21-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	25	-	-	
96	Yes	21-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	10	-	-	
101	Yes	22-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	45	-	-	
101	Yes	22-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	25	-	-	
101	Yes	22-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	26	-	-	
104	Yes	22-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	40	-	-	
104	Yes	22-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	35	-	-	
104	Yes	22-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	38	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
104	Yes	22-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	40	-	-	
104	Yes	22-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	32	-	-	
106	Yes	22-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	42	-	-	
106	Yes	22-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	40	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	95	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	90	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	96	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	95	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	102	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	104	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	111	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	97	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	102	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	94	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	80	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	100	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	100	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	91	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	99	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	87	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	100	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	92	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	37	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	86	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	90	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	97	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	96	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	90	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	86	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	102	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	94	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	81	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	95	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	107	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	107	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	98	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	88	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	96	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	102	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	82	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	104	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	100	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	102	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	99	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	96	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	103	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	111	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	96	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	84	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	86	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	102	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	92	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	95	-	-	
107	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Random	-	96	-	-	
110	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	25	-	-	
110	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	30	-	-	
111	Yes	23-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	40	-	-	
113	Yes	24-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	43	-	-	
113	Yes	24-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	25	-	-	
113	Yes	24-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	20	-	-	
115	Yes	24-Sep-2019	SOG	Opalescent Inshore Squid	-	Total	-	21	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	28	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	27	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	34	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	25	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	22	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	25	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	27	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	29	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	33	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	28	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	25	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	34	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	28	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	25	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	29	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	30	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	17	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	26	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	34	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	32	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	31	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	42	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	36	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	37	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	34	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	41	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	25	-	-	
125	No	25-Sep-2019	JDEF	Opalescent Inshore Squid	-	Total	-	26	-	-	
129	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	54	-	-	
129	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	35	-	-	
130	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	35	-	-	
130	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	30	-	-	
130	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	31	-	-	
130	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	32	-	-	
130	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	25	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	41	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	25	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	52	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	45	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	40	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	20	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	35	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	45	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	20	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	52	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	29	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	25	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	19	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	30	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	25	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	25	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	25	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	40	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	25	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	25	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	19	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	20	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	30	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	30	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	35	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	41	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	40	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	30	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	25	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	20	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	29	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	30	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	31	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	35	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	32	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	25	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	30	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	25	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	29	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	19	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	20	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	21	-	-	
132	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	25	-	-	
133	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	25	-	-	
133	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	31	-	-	
133	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	28	-	-	
133	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	26	-	-	
134	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	25	-	-	
134	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	19	-	-	
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	85	-	-	
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	77	-	-	
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	50	-	-	
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	31	-	-	
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	25	-	-	
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	21	-	-	
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	26	-	-	
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	21	-	-	
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	26	-	-	
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	29	-	-	
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	22	-	-	
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	25	-	-	
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	33	-	-	
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	31	-	-	
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	26	-	-	
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	25	-	-	
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	24	-	-	
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	26	-	-	
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	21	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	20	-	-	
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	22	-	-	
135	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Random	-	35	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	60	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	47	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	49	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	61	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	50	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	51	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	47	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	39	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	50	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	52	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	28	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	52	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	42	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	34	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	33	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	57	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	34	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	53	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	43	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	34	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	35	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	29	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	54	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	19	-	-	
136	No	26-Sep-2019	GISL	Opalescent Inshore Squid	-	Total	-	24	-	-	
142	No	27-Sep-2019	HOWE	Opalescent Inshore Squid	-	Total	-	25	-	-	
25	No	13-Sep-2019	DESO	Pacific Hake	-	Total	1+	385	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	HK0001	Random	1+	394	-	-	Diet (empty)
54	Yes	16-Sep-2019	SOG	Pacific Hake	HK0002	Random	1+	405	-	-	Diet (Euphausiids)
54	Yes	16-Sep-2019	SOG	Pacific Hake	HK0003	Random	1+	406	-	-	Diet (empty)
54	Yes	16-Sep-2019	SOG	Pacific Hake	HK0004	Random	1+	380	-	-	Diet (Euphausiids)
54	Yes	16-Sep-2019	SOG	Pacific Hake	HK0005	Random	1+	393	-	-	Diet (empty)
54	Yes	16-Sep-2019	SOG	Pacific Hake	HK0006	Random	1+	406	-	-	Diet (Euphausiids)
54	Yes	16-Sep-2019	SOG	Pacific Hake	HK0007	Random	1+	408	-	-	Diet (Euphausiids)
54	Yes	16-Sep-2019	SOG	Pacific Hake	HK0008	Random	1+	406	-	-	Diet (empty)
54	Yes	16-Sep-2019	SOG	Pacific Hake	HK0009	Random	1+	408	-	-	Diet (empty)
54	Yes	16-Sep-2019	SOG	Pacific Hake	HK0010	Random	1+	431	-	-	Diet (empty)
54	Yes	16-Sep-2019	SOG	Pacific Hake	HK0011	Random	1+	410	-	-	Diet (everted)

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
54	Yes	16-Sep-2019	SOG	Pacific Hake	HK0012	Random	1+	382	-	-	Diet (everted
54	Yes	16-Sep-2019	SOG	Pacific Hake	HK0013	Random	1+	405	-	-	Diet (Euphausiids)
54	Yes	16-Sep-2019	SOG	Pacific Hake	HK0014	Random	1+	417	-	-	Diet (Euphausiids)
54	Yes	16-Sep-2019	SOG	Pacific Hake	HK0015	Random	1+	415	-	-	Diet (Euphausiids)
54	Yes	16-Sep-2019	SOG	Pacific Hake	HK0016	Random	1+	388	-	-	Diet (Euphausiids)
54	Yes	16-Sep-2019	SOG	Pacific Hake	HK0017	Random	1+	380	-	-	Diet (Euphausiids/Shimp))
54	Yes	16-Sep-2019	SOG	Pacific Hake	HK0018	Random	1+	411	-	-	Diet (Euphausiids)
54	Yes	16-Sep-2019	SOG	Pacific Hake	HK0019	Random	1+	382	-	-	Diet (Euphausiids)
54	Yes	16-Sep-2019	SOG	Pacific Hake	HK0020	Random	1+	411	-	-	Diet (Euphausiids)
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	385	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	385	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	408	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	411	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	448	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	382	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	375	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	386	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	382	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	396	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	421	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	380	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	441	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	361	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	368	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	401	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	441	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	416	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	385	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	418	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	395	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	417	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	382	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	416	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	384	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	391	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	396	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	374	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	394	-	-	
54	Yes	16-Sep-2019	SOG	Pacific Hake	-	Random	1+	422	-	-	
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	72	-	-	
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	66	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	51	-	-	
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	62	-	-	
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	74	-	-	
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	66	-	-	
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	71	-	-	
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	65	-	-	
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	60	-	-	
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	66	-	-	
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	68	-	-	
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	67	-	-	
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	58	-	-	
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	55	-	-	
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	70	-	-	
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	55	-	-	
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	29	-	-	
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	72	-	-	
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	78	-	-	
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	75	-	-	
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	64	-	-	
64	No	17-Sep-2019	JERV	Pacific Hake	-	Total	YOY	77	-	-	
68	Yes	18-Sep-2019	SOG	Pacific Hake	-	Total	1+	217	-	-	
74	Yes	18-Sep-2019	SOG	Pacific Hake	-	Random	1+	350	-	-	
1	Yes	10-Sep-2019	SOG	Pacific Herring	-	Total	1+	160	20	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	111	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	109	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	105	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	106	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	107	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	100	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	105	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	102	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	107	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	105	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	98	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	108	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	102	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	104	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	107	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	97	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	99	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	101	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	108	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	106	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	104	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	108	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	100	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	107	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	111	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	108	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	102	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	105	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	108	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	104	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	102	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	100	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	105	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	100	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	105	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	112	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	102	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	105	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	106	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	105	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	104	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	111	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	108	-	-	
19	No	12-Sep-2019	DESO	Pacific Herring	-	Random	YOY	102	-	-	
21	No	12-Sep-2019	DESO	Pacific Herring	-	Total	YOY	102	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	114	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	109	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	101	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	120	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	111	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	109	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	108	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	101	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	104	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	120	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	101	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	111	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	105	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	114	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	108	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	111	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	108	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	95	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	101	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	109	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	112	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	111	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	98	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	114	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	108	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	104	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	112	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	108	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	1+	140	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	112	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	103	-	-	
24	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	98	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	103	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	104	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	102	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	97	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	106	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	115	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	104	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	104	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	100	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	99	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	101	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	109	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	103	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	103	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	107	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	100	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	101	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	98	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	102	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	104	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	100	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	101	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	105	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	102	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	100	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	105	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	112	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	98	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	106	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	108	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	106	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	100	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	108	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	106	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	104	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	105	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	106	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	109	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	108	-	-	
26	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	110	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	102	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	94	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	104	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	90	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	105	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	100	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	102	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	101	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	105	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	100	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	100	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	98	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	101	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	99	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	100	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	96	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	100	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	100	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	97	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	98	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	102	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	94	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	97	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	90	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	97	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	97	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	103	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	100	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	101	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	102	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	97	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	94	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	93	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	94	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	104	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	97	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	98	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	96	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	102	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	97	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	98	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	93	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	99	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	100	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	104	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	96	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	90	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	92	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	96	-	-	
29	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	105	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	102	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	98	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	91	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	104	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	106	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	98	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	100	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	92	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	95	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	96	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	94	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	91	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	97	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	106	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	109	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	104	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	108	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	102	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	96	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	97	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	96	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	100	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	109	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	102	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	99	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	101	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	98	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	100	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	104	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	90	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	99	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	104	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	99	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	102	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	98	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	99	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	92	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	101	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	95	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	101	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	101	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	98	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	104	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	98	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	95	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	101	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	98	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	97	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	94	-	-	
30	No	13-Sep-2019	DESO	Pacific Herring	-	Random	YOY	115	-	-	
36	No	14-Sep-2019	DISC	Pacific Herring	-	Total	1+	152	-	-	
40	No	15-Sep-2019	SOG	Pacific Herring	-	Total	1+	170	-	-	
40	No	15-Sep-2019	SOG	Pacific Herring	-	Total	1+	150	-	-	
40	No	15-Sep-2019	SOG	Pacific Herring	-	Total	1+	165	-	-	
40	No	15-Sep-2019	SOG	Pacific Herring	-	Total	1+	168	-	-	
52	Yes	16-Sep-2019	SOG	Pacific Herring	-	Total	1+	156	-	-	
89	Yes	20-Sep-2019	SOG	Pacific Herring	-	Total	1+	190	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	1+	204	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	1+	185	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	1+	180	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	1+	158	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	1+	180	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	1+	152	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	1+	160	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	116	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	114	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	110	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	108	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	109	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	110	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	125	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	110	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	114	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	118	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	111	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	119	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	108	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	111	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	102	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	101	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	110	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	111	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	115	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	108	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	110	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	110	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	109	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	107	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	108	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	108	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	110	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	110	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	114	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	111	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	114	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	112	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	119	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	123	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	111	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	122	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	110	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	109	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	109	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	110	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	115	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	109	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	108	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	114	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	101	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	104	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	108	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	111	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	110	-	-	
107	Yes	23-Sep-2019	SOG	Pacific Herring	-	Random	YOY	112	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	100	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	110	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	104	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	113	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	101	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	103	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	121	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	103	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	122	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	120	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	120	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	111	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	123	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	115	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	115	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	100	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	108	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	115	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	99	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	105	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	115	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	104	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	103	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	114	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	104	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	108	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	100	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	101	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	101	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	110	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	104	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	101	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	112	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	101	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	120	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	113	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	115	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	110	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	119	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	119	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	121	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	120	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	121	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	110	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	125	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	122	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	105	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	115	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	114	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	100	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	155	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	155	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	155	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	156	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	152	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	162	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	150	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	156	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	180	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	153	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	158	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	160	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	158	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	160	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	170	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	162	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	158	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	159	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	150	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	170	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	160	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	149	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	158	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	165	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	165	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	160	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	152	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	130	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	148	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	155	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	162	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	168	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	170	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	165	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	164	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	145	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	142	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	173	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	160	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	155	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	123	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	158	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	156	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	150	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	156	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	140	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	150	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	152	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	175	-	-	
113	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	145	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	105	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	115	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	115	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	112	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	103	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	111	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	104	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	121	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	111	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	119	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	111	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	119	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	111	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	110	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	101	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	110	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	111	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	105	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	104	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	123	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	120	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	119	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	129	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	110	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	110	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	120	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	125	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	115	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	105	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	115	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	126	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	116	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	105	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	120	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	119	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	114	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	115	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	116	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	105	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	118	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	114	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	118	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	108	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	110	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	111	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	115	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	111	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	YOY	115	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	159	-	-	
114	Yes	24-Sep-2019	SOG	Pacific Herring	-	Random	1+	160	-	-	
115	Yes	24-Sep-2019	SOG	Pacific Herring	-	Total	YOY	120	-	-	
115	Yes	24-Sep-2019	SOG	Pacific Herring	-	Total	YOY	112	-	-	
115	Yes	24-Sep-2019	SOG	Pacific Herring	-	Total	YOY	115	-	-	
115	Yes	24-Sep-2019	SOG	Pacific Herring	-	Total	YOY	117	-	-	
115	Yes	24-Sep-2019	SOG	Pacific Herring	-	Total	YOY	102	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
115	Yes	24-Sep-2019	SOG	Pacific Herring	-	Total	YOY	115	-	-	
115	Yes	24-Sep-2019	SOG	Pacific Herring	-	Total	YOY	115	-	-	
115	Yes	24-Sep-2019	SOG	Pacific Herring	-	Total	YOY	123	-	-	
115	Yes	24-Sep-2019	SOG	Pacific Herring	-	Total	YOY	103	-	-	
115	Yes	24-Sep-2019	SOG	Pacific Herring	-	Total	YOY	106	-	-	
115	Yes	24-Sep-2019	SOG	Pacific Herring	-	Total	YOY	115	-	-	
115	Yes	24-Sep-2019	SOG	Pacific Herring	-	Total	YOY	123	-	-	
115	Yes	24-Sep-2019	SOG	Pacific Herring	-	Total	YOY	114	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	195	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	150	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	150	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	188	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	159	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	199	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	149	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	191	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	168	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	182	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	145	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	149	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	152	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	142	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	151	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	149	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	145	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	190	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	162	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	178	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	190	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	170	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	220	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	179	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	158	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	148	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	165	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	190	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	172	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	176	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	188	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	142	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	150	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	154	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	142	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	YOY	128	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	150	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	142	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	150	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	149	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	170	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	170	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	165	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	152	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	149	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	158	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	140	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	158	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	159	-	-	
125	No	25-Sep-2019	JDEF	Pacific Herring	-	Random	1+	156	-	-	
130	No	26-Sep-2019	GISL	Pacific Herring	-	Total	1+	182	-	-	
130	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	103	-	-	
130	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	80	-	-	
134	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	110	-	-	
134	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	96	-	-	
134	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	100	-	-	
134	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	108	-	-	
134	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	109	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	110	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	105	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	110	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	112	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	114	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	110	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	101	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	99	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	105	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	100	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	110	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	105	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	115	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	110	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	110	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	101	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	109	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	110	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	114	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	95	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	106	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	109	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	106	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	105	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	115	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	109	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	110	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	111	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	108	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	107	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	108	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	106	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	108	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	116	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	104	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	105	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	106	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	110	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	105	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	103	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	105	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	109	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	109	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	101	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	110	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	110	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	105	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	111	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	101	-	-	
135	No	26-Sep-2019	GISL	Pacific Herring	-	Random	YOY	105	-	-	
136	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	100	-	-	
136	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	99	-	-	
136	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	104	-	-	
136	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	111	-	-	
136	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	104	-	-	
136	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	103	-	-	
136	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	100	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
136	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	110	-	-	
136	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	104	-	-	
136	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	104	-	-	
136	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	106	-	-	
136	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	101	-	-	
136	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	102	-	-	
136	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	110	-	-	
136	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	105	-	-	
136	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	109	-	-	
136	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	108	-	-	
136	No	26-Sep-2019	GISL	Pacific Herring	-	Total	YOY	112	-	-	
137	Yes	27-Sep-2019	SOG	Pacific Herring	-	Total	1+	175	-	-	
139	Yes	27-Sep-2019	SOG	Pacific Herring	-	Total	1+	205	-	-	
141	No	27-Sep-2019	HOWE	Pacific Herring	-	Total	1+	160	-	-	
141	No	27-Sep-2019	HOWE	Pacific Herring	-	Total	1+	165	-	-	
141	No	27-Sep-2019	HOWE	Pacific Herring	-	Total	1+	164	-	-	
141	No	27-Sep-2019	HOWE	Pacific Herring	-	Total	1+	160	-	-	
141	No	27-Sep-2019	HOWE	Pacific Herring	-	Total	1+	159	-	-	
141	No	27-Sep-2019	HOWE	Pacific Herring	-	Total	1+	164	-	-	
141	No	27-Sep-2019	HOWE	Pacific Herring	-	Total	1+	165	-	-	
142	No	27-Sep-2019	HOWE	Pacific Herring	-	Total	YOY	118	-	-	
142	No	27-Sep-2019	HOWE	Pacific Herring	-	Total	YOY	115	-	-	
134	No	26-Sep-2019	GISL	Pacific Sand Lance	-	Total	-	85	-	-	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	580	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	530	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	480	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	465	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	522	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	518	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	495	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	688	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	483	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	533	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	522	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	540	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	532	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	530	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	475	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	495	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	465	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	495	-	M	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	560	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	450	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	430	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	461	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	458	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	522	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	482	-	M	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	530	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	495	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	555	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	492	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	530	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	512	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	490	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	538	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	585	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	575	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	560	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	495	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	535	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	592	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	592	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	522	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	510	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	492	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	488	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	495	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	492	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	412	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	495	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	473	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	420	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	491	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	552	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	555	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	502	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	522	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	562	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	425	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	480	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	592	-	F	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	465	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	521	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	562	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	568	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	512	-	F	
4	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	481	-	F	
5	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	462	-	F	
5	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	484	-	F	
5	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	562	-	F	
5	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	512	-	M	
6	Yes	10-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	492	-	F	
7	Yes	11-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	954	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	350	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	338	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	355	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	352	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	338	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	340	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	353	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	362	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	365	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	352	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	338	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	359	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	344	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	360	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	432	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	353	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	348	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	309	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	352	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	353	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	340	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	358	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	342	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	362	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	363	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	382	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	366	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	370	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	360	-	M	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	353	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	364	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	352	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	345	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	410	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	366	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	342	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	360	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	339	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	330	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	422	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	344	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	348	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	347	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	340	-	M	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	342	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	350	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	362	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	368	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	349	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	344	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	360	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	360	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	432	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	352	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	350	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	352	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	340	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	342	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	350	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	340	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	340	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	340	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	436	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	362	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	350	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	344	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	360	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	342	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	342	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	343	-	F	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	358	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	352	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	351	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	360	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	353	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	368	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	353	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	398	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	362	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	352	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	378	-	F	
43	Yes	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	325	-	F	
44	No	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	342	-	F	
44	No	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	319	-	M	
44	No	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	352	-	F	
44	No	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	368	-	M	
44	No	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	328	-	F	
44	No	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	358	-	M	
45	No	15-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	331	-	M	
52	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	316	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	330	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	333	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	341	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	338	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	358	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	342	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	335	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	336	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	315	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	360	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	342	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	341	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	360	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	360	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	360	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	342	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	342	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	328	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	325	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	345	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	322	-	M	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	360	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	335	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	336	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	310	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	335	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	318	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	364	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	325	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	316	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	330	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	342	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	312	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	310	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	330	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	345	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	338	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	330	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	350	-	M	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	352	-	F	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	345	-	F	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	362	-	F	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	352	-	F	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	244	-	F	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	351	-	F	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	333	-	F	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	331	-	F	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	341	-	F	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	352	-	F	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	345	-	F	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	342	-	F	
54	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	330	-	F	
55	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	855	-	F	
55	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	732	-	M	
56	Yes	16-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	646	-	F	
75	Yes	19-Sep-2019	SOG	Pacific Spiny Dogfish	-	Total	-	840	-	M	
7	Yes	11-Sep-2019	SOG	Western River Lamprey	-	Total	-	225	-	-	
14	Yes	12-Sep-2019	SOG	Western River Lamprey	-	Total	-	250	-	-	
16	No	12-Sep-2019	SOG	Western River Lamprey	-	Total	-	260	-	-	
16	No	12-Sep-2019	SOG	Western River Lamprey	-	Total	-	250	-	-	
29	No	13-Sep-2019	DESO	Western River Lamprey	-	Total	-	265	-	-	
48	No	15-Sep-2019	DESO	Western River Lamprey	-	Total	-	225	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
58	Yes	16-Sep-2019	SOG	Western River Lamprey	-	Total	-	235	-	-	
59	No	17-Sep-2019	JERV	Western River Lamprey	-	Total	-	260	-	-	
68	Yes	18-Sep-2019	SOG	Western River Lamprey	-	Total	-	280	-	-	
69	Yes	18-Sep-2019	SOG	Western River Lamprey	-	Total	-	215	-	-	
73	Yes	18-Sep-2019	SOG	Western River Lamprey	-	Total	-	255	-	-	
85	Yes	20-Sep-2019	SOG	Western River Lamprey	-	Total	-	240	-	-	
85	Yes	20-Sep-2019	SOG	Western River Lamprey	-	Total	-	252	-	-	
85	Yes	20-Sep-2019	SOG	Western River Lamprey	-	Total	-	235	-	-	
113	Yes	24-Sep-2019	SOG	Western River Lamprey	-	Total	-	250	-	-	
114	Yes	24-Sep-2019	SOG	Western River Lamprey	-	Total	-	255	-	-	
139	Yes	27-Sep-2019	SOG	Western River Lamprey	-	Total	-	210	-	-	
139	Yes	27-Sep-2019	SOG	Western River Lamprey	-	Total	-	240	-	-	
14	Yes	12-Sep-2019	SOG	Shiner Perch	-	Total	-	95	-	-	
134	No	26-Sep-2019	GISL	Steller Sea Lion	SS0001	Total	-	2520	-	F	Whiskers (4), Length approximate
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	52	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	51	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	50	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	51	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	52	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	45	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	48	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	52	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	48	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	49	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	48	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	49	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	40	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	51	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	44	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	49	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	45	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	35	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	52	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	49	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	50	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	42	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	51	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	51	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	52	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	50	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	41	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	49	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	50	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	44	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	42	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	50	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	48	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	39	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	45	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	46	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	49	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	40	-	-	
6	Yes	10-Sep-2019	SOG	Threespine Stickleback	-	Total	-	45	-	-	
7	Yes	11-Sep-2019	SOG	Threespine Stickleback	-	Total	-	42	-	-	
9	Yes	11-Sep-2019	SOG	Threespine Stickleback	-	Total	-	45	-	-	
65	No	17-Sep-2019	JERV	Threespine Stickleback	-	Total	-	68	-	-	
66	Yes	18-Sep-2019	SOG	Threespine Stickleback	-	Total	-	69	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	52	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	50	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	70	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	53	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	60	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	55	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	56	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	55	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	49	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	55	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	72	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	54	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	49	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	56	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	60	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	55	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	53	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	52	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	59	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	60	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	52	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	56	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	50	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	55	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	54	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	50	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	52	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	53	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	54	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	45	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	54	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	52	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	56	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	60	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	54	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	53	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	55	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	58	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	60	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	56	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	52	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	56	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	50	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	58	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	60	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	54	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	55	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	53	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	56	-	-	
142	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	54	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	55	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	52	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	56	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	52	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	54	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	55	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	58	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	59	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	54	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	53	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	51	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	55	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	54	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	52	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	49	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	60	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	51	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	50	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	53	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	54	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	55	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	53	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	54	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	55	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	56	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	54	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	55	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	59	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	60	-	-	
143	No	27-Sep-2019	HOWE	Threespine Stickleback	-	Random	-	52	-	-	
86	Yes	20-Sep-2019	SOG	Unknown Fish - Juvenile	UF0001	Total	-	39	-	-	preserved formalin
125	No	25-Sep-2019	JDEF	Unknown Fish - Larval	UF0002	Total	-	55	-	-	preserved formalin
125	No	25-Sep-2019	JDEF	Walleye Pollock	WP0001	Random	1+	300	-	-	Diet (Euphausiids)
125	No	25-Sep-2019	JDEF	Walleye Pollock	WP0002	Random	1+	320	-	-	Diet (Euphausiids)
125	No	25-Sep-2019	JDEF	Walleye Pollock	WP0003	Random	1+	335	-	-	Diet (Euphausiids)
125	No	25-Sep-2019	JDEF	Walleye Pollock	WP0004	Random	1+	330	-	-	Diet (Euphausiids)
125	No	25-Sep-2019	JDEF	Walleye Pollock	WP0005	Random	1+	395	-	-	Diet (Euphausiids)
125	No	25-Sep-2019	JDEF	Walleye Pollock	WP0006	Random	1+	355	-	-	Diet (Euphausiids)
125	No	25-Sep-2019	JDEF	Walleye Pollock	WP0007	Random	1+	346	-	-	Diet (Euphausiids)
125	No	25-Sep-2019	JDEF	Walleye Pollock	WP0008	Random	1+	360	-	-	Diet (Euphausiids)
125	No	25-Sep-2019	JDEF	Walleye Pollock	WP0009	Random	1+	330	-	-	Diet (Euphausiids)
125	No	25-Sep-2019	JDEF	Walleye Pollock	WP0010	Random	1+	290	-	-	Diet (Euphausiids)
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	310	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	346	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	326	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	321	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	290	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	322	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	340	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	339	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	325	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	326	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	324	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	308	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	368	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	342	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	367	-	-	

Appendix 2 (Contd.). Biological information for other fish (non salmon) from the September 10 to 28, 2019 survey. Dash indicates no data

Set #	Standard Survey	Date	Area Code	Species Common Name	Fish Number	Sample Type ^A	Age	Length (mm)	Weight (g)	Sex ^B	Additional Notes ^C
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	338	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	312	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	365	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	315	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	328	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	322	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	350	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	350	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	330	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	335	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	305	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	295	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	330	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	301	-	-	
125	No	25-Sep-2019	JDEF	Walleye Pollock	-	Random	1+	310	-	-	
7	Yes	11-Sep-2019	SOG	Wolf Eel	-	Total	-	352	-	-	
23	No	12-Sep-2019	DESO	Wolf Eel	-	Total	-	370	-	-	