

APPENDIX E

ESTIMATION OF SPECIES COMPOSITION FOR THE CANNED PACK AND OTHER PRODUCTS

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ESTIMATION OF SPECIES COMPOSITION FOR THE CANNED PACK AND OTHER PRODUCTS

1. INTRODUCTION

The objective of this Appendix is to detail the methods that we used to apportion landed weights among species on a product by product and area by area basis. These procedures differed somewhat between canned packs and other products, and between areas and time periods.

Prior to 1951 estimates of landed weights of salmon and steelhead were derived mainly from published and unpublished Department of Marine and Fisheries (DMF) and Dominion Bureau of Statistics (DBS) data on quantities of various products and canned packs processed at locations throughout the Province. Appendix D details the procedures we used to estimate the landed weight of salmon and steelhead from data on the processed quantities.

The next step in the analysis was to determine species composition of the canned packs and other products. For all products prior to 1900, and for products other than canned thereafter, published reports fail to provide a species breakdown. Data on the species composition are available for canned packs after 1900 (1899 for Fraser River), but only for five of the ten major geographical areas used in this report, and for other products in all areas but not starting until 1923.

The sections below explain which species compositions were used to arrive at our final output - annual green landed weight (GLW) by area and species from 1828 to 1950. Readers may skip to annual species compositions, by area and product, that were used to generate GLW by species in text tables by going directly to Table E2 for the canned pack, and to Tables E5 to E14, Table E21 and Table E22 for other products.

2. CANNED PACK

2.1. Canned Pack Species Composition Before 1901

The canned salmon industry began with a small-scale operation on the Sacramento River in California in 1864 (Cobb 1930), spreading to the Columbia River in 1866 and, on a commercial scale, to the Fraser River in 1870. The early Sacramento and Columbia River packs were composed almost entirely of large red chinook salmon. Although it is likely that from an early stage in its development, the British Columbia canning industry depended mainly on sockeye (see below), the early canners made no distinction between species; the product was canned simply as salmon. In the late 1890s, increasing numbers of lower quality pinks and chums began to enter the market, creating a need to distinguish the more desirable sockeye from the lower quality species. As a consequence, beginning in 1898, the canning industry began to label its principal export product under the name "sockeye".

In the following paragraphs, estimates of species composition are developed for the canned pack for each of the ten major areas of this report.

2.1.1. Fraser River

Since there is considerable historical material on the early Fraser fishery and the species composition of its canned packs, we treated development of Fraser River species compositions for this report in considerably more detail, including illustrative tabulations, than we did for our remaining areas.

2.1.1.1. Chinook versus sockeye, the early years, 1870-1900

There is some uncertainty regarding the species composition of the salmon first used for canning on the Fraser River in the early 1870s. It is believed that sockeye was the principal species used in the Hudson's Bay Company pickled fish trade that had preceded the development of the canning industry (see Appendix E, Section 3.2.2 on the species composition of pickled product). As discussed below, several observers (e.g. Cobb 1930, Anderson 1877) were of the opinion that sockeye were also of prime importance in the early development of canning.

On the other hand, Lyons (1969) claims that, in the early years of the fishery, chinook ("spring") salmon were important both for canning and pickling. She noted that:

Alexander Loggie & Company did not concern itself with sockeye the first few seasons ... the pioneer canners concentrated on spring salmon. ... The white and pink spring salmon, then considered unsuitable for canning would be used in salting ... It is recorded that in the year 1873 four thousand barrels of this product were shipped from the Fraser River.

Later in her narrative, she stated that:

... during their first seven seasons the Fraser River operators ... had packed red spring [but that 1877 was the] first season the Fraser River canned salmon pack consisted principally of sockeye; the reason being that 1877 was a 'big year', when both the Quesnel and Adams River runs came back in big numbers.

Later in her narrative describing the 1878 fishing season, in a sub-section labelled "Sockeye Wins a Place", she noted that:

Since the canners on the Fraser started business two 'Second Years' (presumably years immediately following the dominant cycle years) had gone by with scant attention from them as they busily put up red spring. Now these operators were enthusiastic over Sockeye, which would soon become the principal species of their pack. ... [In 1878] the Fraser production was practically all sockeye ...

Unfortunately, Lyons did not cite the source documents on which she based her descriptions, and the authors have been unable to find independent information to support her conclusions.

Lyons's assessments do not accord with the observations recorded in DMF reports in the mid-1870s. These reports suggest that, at least by the 1874 fishing season, sockeye predominated in the Fraser harvests. Thus, in Supplement No.5 to the DMF Annual Report, Alex. C.

Anderson, who would later become the Dominion Government's first Inspector of Fisheries in British Columbia, noted that:

Several varieties of the salmon resort to [the] Fraser River; but of these the chief are:

1. The Saw-quae or Kase.

2. The Suck-Kai or Talo.

Of these varieties the first is, perhaps, in no any respect inferior to the noble fish that form the staple product of the Columbia River. The second on the other hand, is both of size and quality, far less attractive. Of the first appearing the earlier in the season, a proportion of the fishery yield is composed; but the run of these superior fish is short, and the catch consequently limited. It is the second and inferior variety that affords the main supply. (underlining added by the authors).

Anderson's observations would seem to indicate that the switchover to sockeye (at least by 1874) had occurred significantly earlier than indicated by Lyons.

In his first report as Inspector of Fisheries, covering the 1876 fishing season, (DMF Annual Report for 1876)¹, Anderson reiterated the foregoing picture of the species composition of the Fraser salmon harvest. In the report, he noted that, in contrast to the earlier running chinook, the

... suck-kai (sockeye) [were a] smaller and not so rich fish (with a weight of about 8 lb). [and were] the staple product of the Fraser fishery.

As noted above, this conflicts with Lyon's conclusion that 1877 was the

... first season the Fraser River canned salmon pack consisted principally of sockeye.

In his report for the next year (1877), Anderson provided estimates of the proportion of different species that comprised the harvest. In describing "the ... proportion of yield relatively to the whole catch" (presumably including fish processed by all methods), he observed that there were four runs of salmon. The first run was composed of "large salmon (Saw-quai)" and was reported to occur around March 15. The previous year's report described the "earliest shoal entering the Fraser River" as being composed of large fish exceeding 50 lb which were called "Kase" by interior tribes and "saw-quai" by the lower coast tribes. According to the account, the

... 'saw-quai' ... does not obviously differ significantly from the large spring salmon of the Columbia River (s. quinnatt eqanett chinook)...

1. The DMF report was for the fiscal year ended June 30, 1876. However, Anderson's report was dated January 10, 1877 and clearly covered the entire 1876 season. For example, export figures cited by Anderson were for "1st January to 31st December, 1876".

Anderson estimated that this early run, clearly made up of "saw-quai" or chinooks, comprised 10% of the harvest.

The next run, he called "large salmon (suck-kai)", undoubtedly sockeye (see above), were reported to have occurred in the first week of July, continuing for about 30 days, and to have provided 50% of the harvest. The third run of "large salmon", occurring in the second week of August, comprised a further 20% of the catch. Based on timing, we presume these also were sockeye. The final and fourth run (accounting for the remaining 20% of the catch), occurring during the first week of September and extending into October, was described as being composed of "cohnes", probably coho. The Report went on to mention that there were:

... subsequent runs ... of inferior varieties, which spawn in the lower streams, and are not useful for canning and curing for mercantile purposes ... (more than likely pink and chum salmon)

Anderson's appraisal would indicate that about 70% of the 1877 Fraser salmon production (presumably of all products) comprised sockeye with the remainder comprising early running chinook (10%) and late running coho (20%).

Support for Anderson's conclusions that sockeye predominated in the catch prior to 1877 is provided by a later analysis by United States scientists, George A. Rounsefell and George B. Kelez, reconstructing harvest information for the early years of the salmon fisheries in the Puget Sound and Fraser River areas (Rounsefell and Kelez 1938). Their paper was concerned mainly with the production of canned sockeye salmon. They observed that:

...[in] the early years the published reports of the packs are not segregated according to species.

Nevertheless they did make estimates of the portion of the packs comprising sockeye. In this regard, they stated that:

... for these [early] years we have made use of very extensive and careful notes kept by Henry Doyle of Vancouver. In addition, original records of various operators have been available.

For 1873, the first year for which Rounsefell and Kelez presented data, Shepard and Argue (1989) estimated the product weight of the total pack to be 436,800 lb.² For the same year, Rounsefell and Kelez estimated the pack of sockeye alone to be 8,125 cases. Rounsefell and Kelez used 48 lb as the product weight of a case of salmon. Using this figure, the product weight of the 1873 sockeye pack would have been 390,000 lb., or 89% of the estimated weight of the total pack, supporting Anderson's view that, in the mid-1870s, sockeye were "the staple product of the Fraser fishery".

2. The DMF Annual Report for 1873 recorded 195 tons of product. Shepard and Argue's analyses indicated that the unit of measurement at the time was the long ton equivalent to 2,240 lb. The total estimated product weight was therefore 195 X 2,240 = 436,800 lb.

Nevertheless, Lyon's contention that chinook was the pre-eminent species when the canning industry began around 1870 cannot be discounted completely. It is likely that her conclusion was basically correct but that her account was in error in respect of the actual time when the fishery switched its emphasis from red chinooks to sockeye. As outlined below, for analytical purposes, the present paper assumes that in 1870 the harvest was principally of red chinook, however between then and 1873 there was transition to sockeye.

2.1.1.2. Species breakdowns, 1870-1898

In this section we draw on a number of varied sources to estimate the species composition of the Fraser River canned pack prior to 1899. The available historical information was scanty and at times confusing which makes our procedures somewhat complicated to follow.

For 1870 through 1875, Shepard and Argue extracted data on total weights of canned product from DMF Annual Reports. These data are summarised in column VII of Table 5 in the main report. Shepard and Argue's data are converted to estimated landed weights in tonnes in column XIV of Table E1 by applying a conversion factor of 1.75 lb of raw product to 1 lb of processed product (see Section 4 in Appendix D). For the remaining years, 1876-1900, estimated landed weights of canned product were calculated on the same basis, i.e., that one case of canned salmon required 84 lb of landed catch.

It was then necessary to break these aggregate annual totals into species. As outlined in the preceding section, for these early years, this process was uncertain and conclusions drawn must be considered tentative.

Following Lyon's contentions, it is assumed that the first commercial canning operations on the Fraser River around 1870 depended mainly (say 80%) on large red chinook salmon. Sockeye and coho may also have been included (say 10% each). As outlined in the section above, on the basis of Rounsefell and Kelez' study, sockeye was the predominant species in 1873, accounting for 89% of the production (Table E1).

On this basis, for 1871 and 1872, it was assumed that there was a transition from chinook to sockeye as the principal target species. As outlined above, it was assumed that the proportion of chinook in the catch in 1870 was 80% chinook and 10% each of sockeye and coho and that in 1873, 310 tonnes of the total catch of 347 tonnes (slightly less than 90%) comprised sockeye. On this basis, on a straight-line progression in proportional sockeye usage, it was assumed that the proportion of sockeye increased from 10% in 1870 to 37% in 1871 and 63% in 1872. On a reciprocal basis, because the chinook catch dropped from 80% in 1870 to around 6% in 1873, it was assumed that usage of chinook salmon in 1871 amounted to 55%, and 30% in 1872. It was assumed that the residual proportions of each year's usage were composed of coho (8% in 1871 and 7% in 1872). These values were used to compute the quantities of sockeye, chinook and coho utilised for canning in 1871 and 1872 (Part A of Table E2).

For 1873 and 1876-1900, Column I of Table E1 lists annual DMF figures for the total number of cases of salmon of all species that were canned. Column II lists Rounsefell and Kelez' estimates of the numbers of cases of sockeye. Column IV lists the difference between these

figures. The differences were assumed to represent quantities of salmon species other than sockeye that were canned (1873 species composition in Part A of Table E2).

As can be seen from the Table, the abundance of Fraser River sockeye fluctuated strongly with large runs and associated large harvests occurring in the four-year cycle 1877-1881-1885 ... 1897 (figures for those years shown in italics), reflecting the famous cyclic dominance of the Fraser sockeye runs. As reflected in Table E1, in the big cycle years in the 1870s and 1880s, Rounsefell and Kelez assumed that the entire Canadian Fraser River pack was composed of sockeye. In the intervening years, DMF total pack figures exceeded Rounsefell and Kelez estimates of sockeye-only packs, presumably reflecting the contribution of other species.

The foregoing procedure for estimating sockeye and non-sockeye packs was used for 1873 and for 1876-1900. As outlined above, Rounsefell and Kelez did not estimate the magnitude of the sockeye pack for 1874 and 1875. Lacking such estimates we assumed that the proportions of sockeye in 1874 and 1875 (Part A of Table E2) were the same as they were during the next four year cycle of the Fraser runs, i.e., the proportion of sockeye in 1874 was assumed to be the same as was estimated in Table E1 for 1878 (95.2%). Similarly the proportion ascribed to 1875 was based on the estimated proportion for 1879 (99.0%). These proportions were applied to our estimates of total pack in Column XIV to arrive at the estimates of the sockeye pack for 1874 and 1875 listed in Column IX of Table E1.

As is outlined below, neither pink or chum salmon were canned before 1899. For the 1873 to 1898 period, therefore, the non-sockeye packs were allocated only between the remaining two species of salmon, chinook and coho. Lacking specific data on packs of these two species, we examined data for species breakdowns of packs for 1901-1903, the first years for which published record of species composition were available (Part B of Table E2). The data indicate that, for 1901-1903, coho formed between 92.7 and 95.1% of the combined chinook and coho pack, averaging 94.3%. Chinook comprised between 4.9 and 7.3%, averaging 5.7%. These average percentage compositions were applied to the non-sockeye pack during 1873 through 1898.

2.1.1.3. Species breakdowns, 1899-1900

With respect to pink and chum salmon, the DMF Annual Report for 1900 (describing the 1899 fishing season), notes that:

... the humpback and dog salmon have only recently come into use as a commercial product, this being the first season in which they have been canned in the Province...

In 1899, it was reported that 7,850 cases of the two species had been canned. In the absence of information on which to base an allocation of these 7,850 cases to species we have assumed a 50:50 split. For 1900 the DMF Annual Report provided separate data for each of the five species for the Fraser River.³ These data, converted to landed weight, are included on

3. In the 1870's, a few pinks may also have been canned. As an example, the report of the Commissioner of Fisheries in the DMF Annual Report for 1878 notes that pink salmon ("Stum-maun"), ... *is not valued for curing; though some were, I have understood, canned at the Skeena fisheries during the past season,*

the last two rows of Columns X and XI of Table E1. Estimated quantities of sockeye packed were added to the above mentioned quantities of pink and chum and the subtotal subtracted from the total packs to provide estimates of the combined packs of the remaining two species, chinook and coho. These quantities were then divided between the two species as described in the preceding section, i.e., 94.3% coho and 5.7% chinook.

2.1.2. Nass River

The Report of the Dominion Inspector of Fisheries in the 1878 DMF Annual Report noted that a Mr. Robertson had started a fishing operation involving 6 boats on the Nass River. Production in that year was recorded as being 41 barrels of salted salmon and 1,700 pounds of smoked salmon. Canning began on a commercial scale in 1881 with a pack of 7,700 cases.

It is likely that the first pack was a mix of species, but probably did not include pinks and chums to any extent. The Inspector's Report notes there were four "runs" of salmon to the Nass; the first, from about April 20 to June 10, consisted of large fish (27-48 lb), in the words of the Inspector:

...corresponding apparently with the Saw-quai of the Fraser River... (obviously chinook salmon); [the second run] ... about 20th June; 7-12 lbs ... [corresponding] apparently with the Suck-Kai (sockeye) of the Fraser River...; [and the third], ... about 20th August to the end of September; about 15 lbs [corresponding] apparently with the Co hues (probably coho) of Fraser River. [The fourth run] of ... a fine silver salmon of from 10 to 12 lb... (species unknown, but perhaps also coho, succeeded the third run for a short interval).

The Annual Report also notes that the hook-nosed salmon (termed "s. canis" - probably chum salmon) and Stum-maun salmon (equivalent to Hun-nun or Hone - pink salmon on the lower Fraser) occurred in the late autumn but were "of no commercial value". The DMF Annual Report for 1881 notes that there was also a very late run of

... the large sea trout, locally known as the La-alh... (probably steelhead); [which] if procurable in sufficient abundance would be valuable for market purposes.

The same report notes that the

... operations of the canneries ... are confined to the earlier runs; the later varieties prized by the natives for drying, are valueless for canning, the whiteness of the flesh and comparative dryness disqualifying them for the market.

In estimating the productive capacity of the system, the Inspector stated that:

In ordinary years it is capable of yielding about 25,000 cases out of the summer runs, ceasing early in August.

injudiciously, I think, if intended for market. In the main, however, it is assumed that utilisation of pinks and chums for canning did not begin until 1899.

From the foregoing, it is concluded that the early canning operations on the Naas were limited to chinook, sockeye and coho. Because the fishing operations closed down in early August, a substantial portion of the coho run would have been missed. Nevertheless, coho were in demand. The Inspector's Report for 1887 noted that with respect to the northern rivers (including the Nass),

...the increase in pack ... may be partly accounted for by the extraordinary efforts made by canners to secure all the fish they could, while prices were high; in consequence of which a greater proportion of cohoes were caught and canned than during former years.

To estimate the species composition of the pack from 1881 through 1900, canned pack data for 1901-1903 were examined (Part B of Table E2). Available reports do not indicate the timing of the fishery in those years, but the records indicate that there were no pink or chum catches. Thus, during the first three years, fisheries targeting specifically on pink salmon had not developed on the Nass. The proportion of coho in the catch rose significantly once the pink salmon fishery reached a substantial scale (from around 9% in 1904 and 1905, to 13-20% during 1906-1912; see Table 8 in the main report). The packs of coho in all years following 1905 were significantly higher than during 1901-1903. However, the proportion of coho was also high in 1903, due mainly to the fact that the catch of sockeye, the main target species of the Nass fishery, was very low in that year. The increasing coho catches very probably reflect the lengthening of the fishing season, a lengthening directly due to the acceptance of pinks for canning. At the same time, the proportion of chinook salmon dropped once pink salmon fishing began (from 10-12% in 1903-1905 to 2-10% in the remaining years). The decreasing proportion of chinook undoubtedly reflects the relatively larger catches of sockeye in the latter part of the decade, and the growth of the pink and coho fishery.

It is concluded that, on the Nass, fishing patterns during 1901-1903, i.e. before intensive fisheries for pinks and late coho got underway, were more similar to those in the pre-1901 period than were the patterns in 1904-1912. Therefore, the relative proportions of sockeye, coho and chinook existing during 1901-1903 (sockeye 80.6%, coho 11.3% and chinook 8.1% were used to estimate the species composition of the packs during 1881-1900.

2.1.3. Skeena River

Data providing species breakdowns of the salmon pack on the Skeena River are available only from 1901 whereas total pack figures go back to 1877. As outlined above, the canning of pinks and chum in British Columbia did not begin in a significant way until 1899, and then most likely only on the Fraser. Thus, it was assumed that the Skeena River pack prior to 1901 was limited to sockeye, coho and chinook salmon. Unlike the Nass, there was a significant fishery for pink salmon on the Skeena River by 1901 (Table 9 in the main report). However, during the first decade of the century pink packs varied greatly from year to year, probably reflecting changes in prices and markets. It is noteworthy that the proportion of chinooks in the pack declined markedly in the latter half of the decade (from 12-18% during 1903-1905 to 4-9% during 1906-1910). As in the case of the Nass, we believe that fishing patterns at the beginning of the first decade of the 20th Century were more similar to those existing during the closing years of the 19th Century than those existing around 1910. Therefore, as a basis for dividing

the pre-1901 catch among sockeye, chinook and coho, the average percentages that each of these species formed of the total pack during 1901-1903 was used (75.1% for sockeye, 7.0% for coho and 18.0% for chinook, see Part B of Table E2).

2.1.4. Rivers and Smith Inlets

During the first few years of the Twentieth Century (1901-1903) a very high proportion of the Rivers and Smith Inlets pack was composed of sockeye (over 96.6%). Following the same procedure as used on the Naas and Skeena systems, average proportions for 1901-1903 (Part B of Table E2) were used to compute the proportions of sockeye, chinook and coho in the 1882-1900 packs.

2.1.5. Other Areas

Canned packs for other areas were recorded either by enterprise or under the heading "Outlying Districts". Packs for Outlying Districts included those from the canneries at Alert Bay (starting in 1881), Lowe Inlet, Gardiner Canal and Bute Inlet (all three starting in 1895), Namu (1893), Clayoquot (1895) and Nootka Sound (1896). With the use of information provided by Cobb (1930) and Lyons (1969), the locations of canneries were inferred from their company names (see below). Following procedures for other areas described above, species compositions were estimated from the 1901-1903 packs. Part B of Table E2 presents such estimates for North Coast, Johnstone Strait and West Coast of Vancouver Island areas.

2.2. Canned Pack Species Composition after 1901

DMF Annual Reports for 1901 to 1909, Annual Reports of the Fisheries Commissioner for British Columbia for 1902, 1903, 1906-1911, 1913-1923 and 1925-1929, and Pacific Fisherman Yearbooks for 1901-1929 provide information on the species composition of canned salmon packs by individual canneries throughout British Columbia. In general, these data aggregated by area were used as samples on which to base an apportionment among species of published DMF/DBS figures for total canned pack by area. Tables in the main text showing the canned pack by area give the ratio of the species composition sample to the total pack ("Sample/Total" in the tables).

We could not have completed the assignment of canneries to fishing areas without the publications by Cobb (1930) and Lyons (1969). These authors wrote at length about locations and operating periods of individual canneries, and described changes to company names as a result of mergers, take-overs and relocations. From these data it was possible to determine the location of most of the canneries that were listed under the headings "Outlying Districts" and "Vancouver Island District" in the Fisheries Commissioner of BC (FCBC) and Pacific Fisherman Yearbooks (PFY) sources. Tables E3 and E4 present the data from Cobb and Lyons respectively for individual canneries in these two districts. The Cannery Database in Table E24 at the end of this Appendix lists by year and area all the canneries from which canned pack data by species were obtained, for this report. During the 1901 to 1929 period, the available data varied somewhat from year to year. Procedures for arriving at species compositions in different years are outlined below.

2.2.1. 1901-1903

As described above, from 1901 to 1903, information on species composition of the total pack was taken directly from DMF published reports. However, there were some discrepancies in the data. For example in 1903 on the Fraser there was a difference of 70 cases between the sum of published totals by species (237,162 cases) and the sum of individual cannery values by species (237,092). This discrepancy may have arisen because data had been omitted by mistake, or because late returns had been added to the total, but not to the entries for each cannery. We used the value 237,162 in the DMF summary table of production as our measure of total canned pack. Since we used the individual cannery data to construct species compositions, and the sum of these data was 70 cases less than the published total, then it follows that our totals by species would be slightly different from the published totals by species.

There were other minor inconsistencies in the 1901-1903 data. The DMF summary table for 1903 omitted the pack by Pacific Northern Packing Company from the Nass River total. In the present report the Pacific Northern pack has been included under Nass River because the cannery was located in Observatory Inlet, which is part of the Nass area. In the DMF listings, the packs from Smith Inlet canneries were recorded under North Coast; Smith Inlet packs were switched to the Rivers and Smith Inlets area in this report. Finally, a correction was made because the Rivers Inlet and Skeena River packs were reversed in the 1903 DMF summary table.

2.2.2. 1904-1929

After 1903, the most detailed pack data were available from FCBC Annual Reports and from Pacific Fisherman Yearbooks. In general, the FCBC reports were used to establish species compositions. However, provincial reports for 1904, 1905, 1912 and 1924 were not available to the authors and for these years data from Pacific Fisherman were used instead. Both sources reported data furnished by the B.C. Salmon Cannery Association.

FCBC and PFY data were not as straightforward to use as pre-1904 DMF data since the number of districts under which packs were listed was limited initially to five: Fraser River, Skeena River, Rivers Inlet, Nass River and Outlying Districts. Outlying Districts included the Queen Charlotte Islands, North Coast, Johnstone Strait, Strait of Georgia, Juan de Fuca Strait and West Coast of Vancouver Island areas of this report. In 1916, Vancouver Island District was added to the FCBC and PFY reports, but this still contained parts of four of the areas from this report (Johnstone Strait area was included in both districts). In 1924, Queen Charlotte Islands District was added to FCBC and PFY reports.

The determination of locations of canneries for the 1904-1929 period was a difficult task. As outlined in Section 2.1.5 of this appendix, for the Outlying and Vancouver Island districts we relied on information provided by Cobb (1930) and Lyons (1969). Close study of the reports of these two authors indicated that the DMF reports for the period contained a number of discrepancies. In order to use the DMF total canned packs, these discrepancies had to be corrected. For example, the pack of steelhead on the Nass was omitted from the total pack in the 1907 DMF report; and in the 1904 DMF Annual Report, the pack from Pidcock Brothers was omitted from the Johnstone Strait total. These omissions were corrected. Also, between

1907 and 1911, it was necessary to switch the packs for R.E. Gosse, Knight Inlet Canning Company and A.B.C. Packing Company to Johnstone Strait from DMF's Mainland district, which was in our Strait of Georgia area, since in those years DMF's Mainland district (sometimes called West Coast Mainland in DMF reports) included the mainland inlets of Johnstone Strait as well as the mainland inlets of the Strait of Georgia.

The pack from M. DesBrisay and Company's cannery on Wales Island at the entrance to Portland Inlet was recorded under DMF's North Coast district between 1911 and 1914; thereafter packs from canneries on Wales Island were recorded under the Nass River district. In this report the Wales Island packs have been recorded under the Nass River area, since this was consistent with the location of the cannery.

There were also some minor inconsistencies in the FCBC data. For instance, after 1907 FCBC reports listed the pack of sockeye put up by J.S. Todd & Sons at Esquimalt under the Fraser River district as "J.S. Todd & Sons (Esquimalt)". Presumably this was an attempt to consolidate the reporting of catches of sockeye bound for the Fraser River and caught in fisheries around southern Vancouver Island. The same was done for Capital Canning Company in 1909, a short-lived Victoria firm, and for four more firms in 1919 (Quathiaski Canning Co., Gulf Island Fishing and Canning Co., Sydney Canning Co., Sooke Harbour Fishing and Packing Co.). In the present report the full packs from these canneries were recorded in the cannery database under the areas in which the canneries were located, i.e. Juan de Fuca Strait, Strait of Georgia, and Johnstone Strait, since presumably these were the areas where landings (and catches) were made.

Between 1920 and 1923, the pack for the cannery of Northern B.C. Fisheries Ltd. in Namu (later called the Gosse-Millerd Company Ltd.) was listed under Rivers Inlet district in FCBC and PFY reports, whereas in DMF reports this company's pack was recorded under North Coast. We included the Northern B.C. Fisheries pack under the North Coast area in Table E24, since this was consistent with the location of the cannery.

A problem that plagued us throughout this analysis was that FCBC and PFY reported statistics for all canneries of a particular company in a district only once, under the company name. Thus the reported pack might represent the combined packs from several canneries, albeit part of the same company, each of which was at a different location in the reporting district. This was a problem with packs from the Outlying and Vancouver Island reporting districts since these districts included several of our areas. This problem was difficult to resolve. Rather than use company packs that might include salmon from more than one of our reporting areas, we excluded the packs from these canneries in Table E24.

There were some instances where sufficient data were available to resolve this problem. For example, between 1911 and 1916 Wallace Fisheries had canneries in Smith Inlet, on the West Coast of Vancouver Island, and in the Queen Charlotte Islands. Packs from these canneries were recorded as the Wallace Fisheries pack under Outlying Districts in FCBC/PFY reports. However, in Statistical Basebook No. 3, compiled by the Department of Fisheries in the late 1950s (Anonymous 1958), the canned pack for Wallace Fisheries at Smith Inlet was included with packs from Rivers Inlet canneries. Thus, for years when Wallace Fisheries was the only company operating in Smith Inlet (1911-1916), subtracting the Basebook total pack for Rivers and Smith Inlet from the FCBC/PFY pack for Rivers Inlet, yielded the pack for Wallace

Fisheries at Smith Inlet. And for years during this period when there was evidence that the Wallace Fisheries cannery in the Queen Charlotte Islands did not operate, subtracting the Smith Inlet pack by Wallace Fisheries from the total Wallace Fisheries pack in FCBC/PFY reports left the pack for Wallace Fisheries at Kildonan on the West Coast of Vancouver Island.

Finally, FCBC canned packs for steelhead and blueback (small coho) were combined between 1916 and 1923. Fortunately, the Pacific Fisherman Yearbook provided separate totals which we used in this report. Of interest, PFY combined pink and chum from 1906 to 1909, but FCBC did not. The remaining species were all reported separately in both publications.

2.2.3. 1930-1944

For DBS areas on the coast north of Cape Caution (District II) from 1930 to 1944, the canned pack and products in each area had already been allocated to species by DMF bookkeepers, and transfers of salmon for processing had also been accounted for by species. We simply verified that tables of salmon landings in hundredweight, by species and area, were in fact derived from the canned pack and product statistics (see Section 2.0 in Appendix F). For DBS areas in District III, complete sets of Supplemental Schedules from processing establishments were available for analysis. Since we did not find useful tables of landings by species and area similar to those for District II, we reconstructed the production of each species in each DBS area ourselves, and adjusted for transfers, using canned pack and product data by species from the Schedules (see Section 4.0 in Appendix F). Canned pack data for District I were not a problem since FCBC and PFY provided tables of the Fraser River pack, by species, throughout the 1930-1944 period.

2.2.4. 1945-1950

For 1945 through 1950, DMF statisticians calculated GLW by species and area, adjusted for transfers, from the canned pack and product data. These data, recorded in cwt, were obtained from Schedule 1A forms held at DFO headquarters in Vancouver.

3. PRODUCTS OTHER THAN CANNED SALMON

Information on species composition of products other than canned salmon is scarce before 1923. Cobb (1921), Hoar (1951), Annual Reports of DMF and Pacific Fisherman Yearbooks occasionally referred to the most desirable species for dry salt, pickled, fresh/frozen, smoked and mild cured products, but few data on species composition were found. This is perhaps not surprising when it is considered that from 1876 until the advent of the dry salt trade with Japan at the turn of the century, over 80 percent of landings were canned, and those who chronicled the fishery (e.g. McKervill 1967, Lyons 1969, Forester and Forester 1975), devoted their attention almost entirely to the canning industry.

Whereas data on species composition of individual non-canned products are lacking prior to 1923 (see below), information for 1923 through 1930 was quite complete on mimeographed forms accompanying the Supplemental Schedules for each establishment. As a consequence, therefore, except where specific archival data indicated otherwise, species compositions for

earlier years were estimated by assuming that pre-1923 species compositions were the same as the average values during 1923-1930.

The justification for using 1923-1930 data for earlier years included the following:

- a) A number of the products were more or less “species specific”, involving only one or two species. For example, from a few pre-1923 records in which species composition was mentioned, salmon dry salted for the oriental market were almost always attributed to chum salmon, whereas mild-cured salmon were almost always attributed to chinook salmon. Since these sparse references coincided with the firmer post-1922 data, we consider that the assumption that the species composition of the latter two products prior to 1923 was the same as the later period is warranted.
- b) Examination of data for each year from 1923 to 1930 (e.g., bottom eight rows of Tables E5 through E14) failed to reveal any trends in species composition of other non-canned products, suggesting that use of 1923-1930 data would be appropriate for at least a few years earlier.

There were some cases where archival data indicated differences from the 1923-1930 pattern. In the following sections, species composition data for 1923-1930 are arrayed and their relevance for various products for the pre-1923 period discussed in light of available archival material.

3.1. Other Products Species Composition, 1923-1930

The first step in using species composition data for the 1923-1930 period was to determine whether or not such data were representative of the total landings, by area, for the period.⁴ Tables 17 through 26 of the main report present the DMF/DBS product data from each of the ten areas of this report for 1828 through 1929 (northern areas) and 1932 (southern areas). Tables E5 through E14 present estimates of species compositions for products other than canned salmon for these areas and years (dashes in the tables mean that no non-canned products were prepared). We found that the 1923-1930 data on product amounts on the mimeographed forms accompanying the Schedules matched the DBS published product totals (Tables 17-26) by area very closely. Thus for these years we had a virtually complete record of species compositions.

The next step was to develop estimates of proportional representation of species in various products for the 1923-1930 period. Species composition data from the Schedules were then used to allocate the published 1923 to 1930 product data to species. In the few cases when DBS recorded an amount for a product in an area, but the Schedules did not (e.g. pickled salmon in 1926 for Johnstone Strait), the 1923-1930 average species composition for the area (Table E19) was substituted.

4. Species composition data for 1923 through 1930 were obtained from Supplemental Schedules filed under Accession Number 83-6 at the Federal Records Centre of Archives Canada in Burnaby, B.C. (see Appendix A).

3.1.1. The special case for fresh salmon prepared by fishermen

Fresh/frozen salmon were prepared by individual fishermen and by companies. The company data were recorded, by species, on Supplemental Schedules (see Table B24). Fresh/frozen salmon production by fishermen apparently involved "dockside" sales, mostly of fresh salmon. In contrast to company production, Fishery Officers recorded fishermen's sales on Schedule II forms without reference to species (see Table B22). The fresh/frozen category in DBS reports combined amounts from both sources.

In District III, fresh salmon sold by fishermen generally accounted for over 75 percent of the total fresh/frozen production (Table E15); in District I (Fraser River) fishermen's production accounted for over one-third of the total fresh/frozen production. In contrast, based on the historical record, District II fishermen seldom prepared fresh salmon. For example, on the Skeena River, fishermen usually accounted for less than five percent of the total fresh/frozen production (Table E15); the Skeena was the only District II area where Schedule II salmon production was reported between 1923 and 1930.

In preliminary analyses of the historical salmon statistics, Argue et al. (1986 MS) assumed that species compositions of fresh/frozen salmon prepared by companies were representative of all fresh/frozen salmon. Later, in FRC accession 86-185 covering 1927-1930, we found worksheets (e.g. Table E16) with fresh salmon production by fishermen broken down by species and month for most of the DBS areas in District III (note that fresh production is shown for species other than salmon). The amounts shown in cwt were usually equal to the amounts shown on Schedule II forms such as Table E17 (compare totals for fresh salmon in Tables E16 and E17). We suspect that trollers were the main source for the fresh salmon data since salmon production was recorded for all months of the year, and usually was limited to chinook ("RS"), coho ("Cohoe") and bluebacks (small coho, "BB"), the traditional target species for trollers (Milne 1964, Argue *et al.* 1987).

We compared species composition data for companies and fishermen for Johnstone Strait, Juan de Fuca Strait and the West Coast of Vancouver Island (Strait of Georgia excluded due to insufficient company data) (Figure E1). In each area there were higher proportions of chinook in the fishermen's production, and higher proportions of chum and pink in the company production. These results led to the decision to use different species compositions for the two sources of fresh/frozen data.

Table E18 presents DMF worksheet data for 1927-1930 for District III areas that were used to estimate species composition for fresh production by fishermen in Tables E5 to E14. The column "Total Weight" on the left of Table E18 is the weight of fresh production by fishermen that was recorded on Schedule II forms; "Percentage Sampled" refers to the percentage of "Total Weight" that was represented by data from the worksheets. The "sampled" amounts often differed from the total weight. In some cases these differences were probably due to missing data (worksheets were not available for each DBS area); in other cases differences probably reflected the preliminary nature of worksheet data.

There were no species composition data for fishermen's production of fresh salmon on the Skeena and Fraser Rivers. Lacking such information, it was assumed that the species composition in those two locations was the same each year as it was in District III as a whole.

For 1923 through 1926 for these areas, when no species composition data for fishermen's catches were available, the average species composition for the entire 1927-1930 period (weighted by the abundance of catch each year) was used (last row Table E18).

3.2. Approach for Other Products before 1923

As outlined above, proportional representations of species for specific products prepared by companies during 1923-1930 were used to compute average species compositions in each area (Table E19) for use with pre-1923 product data. Using the full 1923-1930 data set maximised the number of products and areas for which we had data.

There were some areas for which product data were available, but for which species composition data were not (e.g. fresh/frozen by companies from 1914 to 1920 in the Queen Charlotte Islands, see Table 17 in the main report). In these cases the average species composition for District II was used; when there were no species composition data at the District level, then the average data for the province was used.

On the Fraser, the absence of pink salmon in the even years affected species composition of dry salt and fresh/frozen (companies) products; for these products, separate odd and even year estimates of species compositions were used (Table E19). For Juan de Fuca Strait, odd and even year averages were only used for fresh/frozen salmon prepared by companies.

Chum salmon were omitted from the species composition for Strait of Georgia fresh/frozen salmon (companies) because in this area only one company used this species for fresh/frozen product in one year between 1923 and 1930.

There were other modifications to the above procedures for estimating pre-1923 species compositions. These are discussed below along with general information on the species composition of each product.

3.2.1. Dry salted salmon

Apparently, dry salting salmon was first tried on an experimental basis in British Columbia on the Fraser River in 1897. From 1901 through 1905 dry salt production was initiated in other areas throughout the province. In describing the beginning of the dry salt trade, the DMF Annual Report for 1897 states:

In the latter part of the season 600,000 pounds of dry salted salmon were shipped to Japan. It is hoped that this business will prove permanent, as it would afford an opportunity to turn to profitable account, fish which had heretofore been considered commercially valueless.

The fish referred to was chum or "dog" salmon and the observation that it previously was of no commercial value and was *thrown away as worthless* by commercial fishermen is a consistent theme in DMF Annual Reports around the turn of the Century. The same comments were made of pink salmon.

Cobb (1921) states that chum salmon first became an important commercial product in the United States during the Russian-Japanese war early in the Twentieth Century. He quotes the then American consular agent in Hakodate, Japan as stating that the Japanese would never think of giving a dry salted ... *salmon with red and black spots* [presumably on the skin] *to a friend for a New Year's present...*; clearly excluding all salmon species except chum and sockeye, with the latter considered too high in fat content for the dry salt process.

Since DMF reports only mention chum being used in the early years of the dry salt trade, it has been assumed for purposes of species composition that, prior to 1923, all dry salt salmon were chum.

3.2.2. Pickled salmon

Pickling (salting of salmon in barrels) was the first method used for commercial preservation of salmon in British Columbia. It dates back to Hudson's Bay Company subsistence and trading operations in the late 1820s that presaged development of the independent commercial fishery (Shepard and Argue 1989).

As outlined in the main report, the Company's export trade in pickled salmon began about 1830 and involved not only salmon preserved in Canada but also on the Columbia River. On the Columbia, large chinook salmon formed the bulk of the product. The Company's operation in British Columbia was mainly at Fort Langley in the lower reaches of the Fraser River. As summarised by Shepard and Argue, the first experimental operations there were in October 1828 and August 1829. Based on accounts of the numbers and volumes of fish used, the authors concluded that the 1828 pack probably consisted mainly of coho whereas the 1829 pack was probably mainly sockeye. Export of pickled product probably began in 1830, with Hawaii being the chief market (Cullen 1979). Although the Company did not record the species of salmon used, accounts of the Company's fishing operations indicate that, for most of the succeeding 30 years, fish taken for pickling came from the heart of the fishing season when Aboriginal fisheries were most active. In such fisheries sockeye probably dominated the pack which reached a peak of 2,000-3,000 barrels in the late 1840s and early 1850s. As described by Spoehr (1986):

Company letters are silent on the preferred salmon for export, until 1860, when Bisset and Hardisty (Company agents in Hawaii) complained that the last consignment was of inferior quality, consisting mainly of "pale" fish, which Hawaiians would not buy if "red" salmon were available. This suggests that of the five species of North Pacific salmon, sockeye salmon was preferred for export, in conformity with Hawaiian taste. Native Hawaiians also expressed a preference for Fraser River rather than Columbia River salmon.

On the basis of this admittedly sketchy information, it was assumed that from 1829 through 1859, when the Hudson's Bay Company had a virtual monopoly in the fishery, 80% of the pickled salmon pack comprised sockeye, with chinook comprising 15% and coho 5%. In the first year of the operation, 1828, conducted late in the season, it was assumed that 85% of the pack was coho with the remaining 15% probably being late chinook.

As discussed in the main report, the Hudson's Bay operations declined after the mid-1850s to be gradually replaced by fishing and processing operations by private entrepreneurs. Records of production and exports in the early years of the independent trade indicate that the quantities of pickled salmon traded between 1860 and the mid 1870s varied from the low hundreds of barrels to a high of slightly less than 3,000 (Shepard and Argue 1989).

There is conflicting information on the likely species composition of the pack from 1860 onward when independent entrepreneurs gained ascendancy in the fishery. Export records reviewed by Shepard and Argue indicated that a substantial portion (averaging about 38%) of exports in the 1860s and early 1870s continued to flow to Hawaii where sockeye seem to have been preferred.

On the other hand, regarding the fishery on the Fraser River, Lyons (1969) expressed the opinion that:

The white and pink spring salmon, then considered unsuitable for canning would be used in salting ... It is recorded that in the year 1873 four thousand barrels of this product were shipped from the Fraser River.

Countering this view regarding the principal target species for the pre-1923 period, Cobb (1921) noted that sockeye ("red") salmon were the most popular species for pickling on the Pacific coast, but that all species entered the trade. Statistics for the 1923-1930 period are in accord with Lyon's view. No sockeye were shown against records of pickled products in the 1923-1930 Schedules that we examined (Table E19).

With this confusing array of information, we have concluded that there is little doubt that the early pickling trade depended to a high degree on sockeye salmon, but that this dependence decreased as the canned fish trade, which was dominated by sockeye, developed. On this basis, prior to 1901, we assumed that 40 percent of pickled products in all areas, except the Queen Charlotte Islands (see below), were sockeye; and between 1901 and 1909, we assumed that 10 percent of each area's pickled product was sockeye. The sockeye percentage was reduced after 1901 because this was consistent with the observed absence of sockeye from pickled products between 1923 and 1930. We used ten percent sockeye for pre-1901 pickled salmon in the Queen Charlotte Islands because this resulted in landings more consistent with "small runs of sockeye" that the early DMF Annual Reports attributed to this area (e.g. 1912-1913 DMF Annual Report).

In addition, we assumed that neither chum nor pink salmon were utilised for pickling prior to 1901. The basis for this assumption was statements in early DMF reports that these species were of little value to the early commercial processors. We also assumed that chum salmon were not utilised for pickling until 1910 on the basis of their absence from the canned pack, except on an experimental basis. In the early 1900s, pickling was a "by-product" of the canning process and pink salmon were established as a canned product by 1901 (Section 2.1.1.2 of this Appendix). Thus, we assumed that pink salmon between 1901 and 1910 were represented in the pickled product in the same ratio as from 1923 to 1930. Finally, we assumed that steelhead were not pickled prior to 1910, and that coho and chinook were represented in the pre-1910 pickled product in the same ratios as from 1923 to 1930.

Table E20 presents the adjusted species compositions that we used for pickled salmon prior to 1910.

3.2.3. Fresh/frozen salmon

3.2.3.1. Fresh frozen salmon prepared by fishermen

As discussed previously, a large portion of salmon sold fresh by fishermen was likely taken by trollers; however, Schedule II records of this production were not available to us before 1923. Since trolling apparently was practiced commercially as early as 1883 (1883 DMF Annual Report), it seemed reasonable to estimate fresh salmon production by fishermen for at least a few years prior to 1923.

In a more recent report, Argue et al. (1987) suggest that the troll fishery became an important harvester of salmon, principally chinook and coho, in the period 1910 to 1915. DMF reports about this time (e.g. Annual Report for 1912) contain statements such as:

Large quantities of salmon for [the] cannery [at Bargain Harbour in Jervis Inlet] were caught by trolling; in fact, this mode of fishing is extending to all areas of the coast.

By 1917, when troll licenses were first issued, there was a substantial troll fleet in operation (1,370 licensed trollers, see Milne 1964), and presumably also a sizeable troll catch. By 1920 there were 1,855 licensed trollers (Table 60 of the main report). Troll catches undoubtedly increased after power gurdies were introduced in 1918 (Forester and Forester 1975). Finally, there appears to have been a large increase in production of fresh/frozen salmon between 1910 and 1920 in the Skeena River area, in the areas of District III and in District I. Taking all this into account, it has been assumed in this report that troll caught salmon recorded on Schedule II forms were a major factor in the fresh/frozen production from 1910 onward.

The proportion that 1923-1930 Schedule II production was of total fresh/frozen production (last row in Table E15) was used to estimate fresh production by fishermen for each area between 1910 and 1922. Species compositions for 1927-1930 from Table E18 were then used to allocate this estimated production to species prior to 1923.

3.2.3.2. Fresh/frozen salmon prepared by companies

On the subject of species composition for frozen salmon, Cobb (1921) wrote:

The coho, or silver, and the chum, or dog, salmon are the choicest of the salmons for freezing. The other species, except the red, or sockeye, which is too oily and rarely frozen, are frozen in varying quantities. The steelhead trout, which is ranked by the Pacific coast dealers among the salmon, is considered the choicest fish of all for freezing."

It was surprising that Cobb did not include chinook salmon among the prime species for freezing. Around 1890 a substantial export trade for spring salmon (principally from the Fraser River) packed on ice and frozen developed with the United States. Regarding this trade the 1891 DMF Annual Report states:

The spring salmon run was fairly good, though not many were packed at the canneries, the export trade taking all the surplus, as the fishermen obtain better prices from the exporters than from the cannerymen ...

It would appear, then, that at least in British Columbia, chinook ("spring") salmon were important in the early trade in frozen salmon.

Other than general comments, the descriptions of fresh/frozen production in the historical literature provided little objective information on which to develop species composition estimates. For this reason, the 1923-1930 species compositions in Table E19 were assumed to apply to fresh/frozen production by companies back to 1901. It will be noted that for some areas, chum and pink salmon accounted for up to 70 and 19 percent, respectively, of fresh/frozen salmon between 1923 and 1930 (Tables E5 to E14). Similar percentages were reported by Hoar (1951) for fresh/frozen production by several fishing companies between 1917 and 1922, so our use of 1923-1930 values would seem reasonable for the 1901 to 1922 period. However, as outlined earlier, it was assumed that pink and chum were not represented in fresh/frozen products prior to 1901. Other species were assumed to be represented in the same ratios as from 1923 to 1930.

Table E20 presents the adjusted species compositions that were used for fresh/frozen production by companies prior to 1901.

3.2.4. Smoked salmon

Cobb (1921) claimed that white springs (chinook with white coloured flesh) were the preferred fish for kippered salmon (a form of smoked salmon), but noted that the flesh was usually dyed red with vegetable colouring as a "concession to popular prejudice". He also considered that smoking salmon was "virtually a continuation" of pickling since the main purpose of pickling was to preserve salmon, principally chinook, for eventual smoking. One could argue that for many years pickling in British Columbia produced a valuable export product in its own right; however, as to species composition there is probably little argument that chinook salmon has always been the desired and dominant species for smoking. This certainly was the case from 1923 to 1930 when chinook accounted for more than 96 per cent of all smoked products.

For the purpose of this report, we have assumed that prior to 1901, 100 percent of smoked salmon were chinook.

3.2.5. Mild cured salmon

The first mild cured production in British Columbia was recorded on the Skeena and Nass Rivers in 1906. By 1912, mild cured salmon were produced throughout the province. This rather tardy commencement of the mild cure process in British Columbia was probably due to the late development of trolling, which at least in the north, was a major source of high quality chinook used in the mild cure process.

There are several comments in DMF reports around this time about chinook salmon being "all mild cured and put up in tierces". Cobb (1921) goes further, stating that "chinook were

almost invariably the species mild-cured” from the beginning of mild curing on the Columbia River in the 1890s, to its adoption in Southeast Alaska by 1910. This was certainly the case in B.C. between 1923 and 1930 when 95 percent of mild cured product was prepared from chinook (Table E19); coho accounted for just under 5 percent and pink salmon accounted for under 0.5 percent of mild cured product.

In this report, it has been assumed that the average species compositions for mild cured salmon from 1923 to 1930 were representative of mild cured product between 1906 and 1922.

3.2.6. Salmon used as bait

Salmon is one of the traditional baits used in the Pacific halibut fishery (IPHC 1978) and presumably this was the primary use to which bait salmon recorded in the British Columbia fisheries statistics was put. The fact that bait salmon was not reported until 1923 does not necessarily mean that salmon were not used as bait until then. It may reflect the relatively small size of the halibut fishery until the advent in the 1920s of diesel powered schooners that were designed to haul longlines mechanically, thus phasing out handline fishermen who worked from small dories, and leading the way to greatly increased demand for halibut bait.

Pink and chum salmon were the dominant species (>95%) recorded as bait in the 1923-1930 data.

3.3. Species Composition for Non-canned Products, 1931-1944

For 1931-1934, Supplemental Schedule data were used to estimate species composition of products other than canned salmon for District I (Table E21). For District II, the authors simply verified that DMF estimates of landed weight, by species (the “Prince Rupert” DMF data), were calculated from the product and canned pack data on the Schedules (see Appendix F). Section 4.0 in Appendix F describes how data from Supplemental Schedules were used to allocate District III product amounts to species.

Species composition data for fresh salmon prepared by fishermen was recorded on Schedule II forms starting in 1945 (see Table B30). Schedule II forms were discontinued in 1948. Table E22 presents the 1945 to 1947 data for each area in which fresh salmon were prepared by fishermen. Average percentages for 1945-1947 from Table E22 were used to estimate the species composition of fresh salmon prepared by fishermen in District I between 1931 and 1944. For Johnstone Strait, Strait of Georgia, Juan de Fuca Strait and the West Coast of Vancouver Island, 1927-1930 average percentages (Table E18) were used to estimate the species composition of fresh salmon from 1931 to 1935; 1945 to 1947 percentages (Table E23) were used to estimate species composition from 1940 to 1944, and the averages from both data sets were used for 1936 to 1939.

4. SUMMARY

As outlined above, the procedures for estimating species compositions for canned packs and for other products differed substantially, mainly because canned packs were reported by species in most official publications after 1901, whereas the remaining products were never reported by species in the official government publications, and only were reported by species

in the archival records starting in 1923. This was a reflection of the industry practice of marketing canned salmon and steelhead under species-specific brands, while other products were seldom marketed in this way. These differences affected the methods that were adopted to estimate species compositions. Consequently, in the text and tables, data for canned packs and for other products are presented and discussed separately.

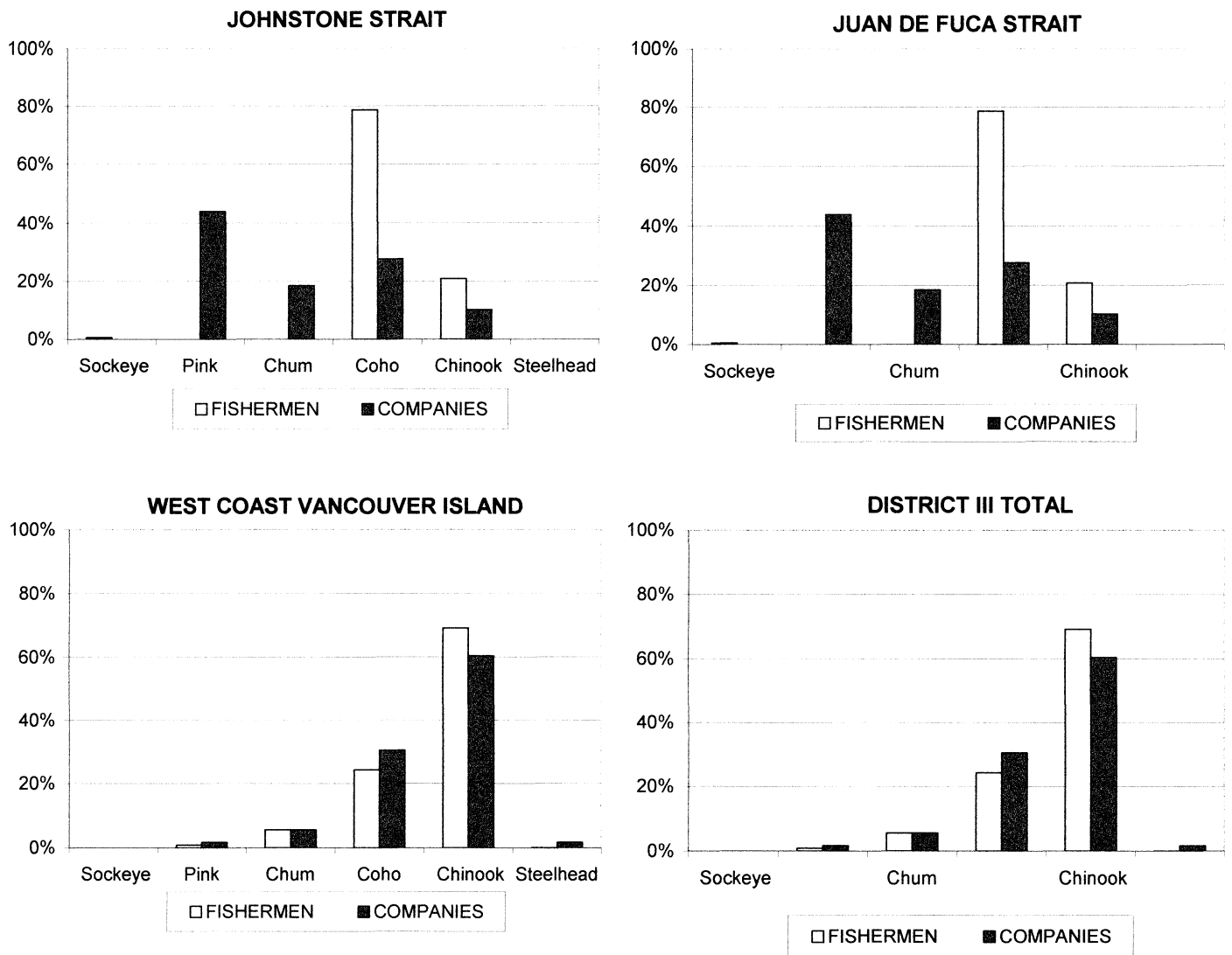


Figure E1. Species composition of fresh/frozen salmon prepared by companies and fishermen, 1927 to 1930 averages.

Table E1. Estimation of landed weights of salmon canned on the Fraser River during 1870-1900. See Appendix E text for methods for allocating weights of packs between species.

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV
Year	Recorded Case Pack (48 lb cases)													
	Total ^a (Cases)	Sockeye ^b (Cases)	Sockeye (%)	Other ^c (Cases)	Pink (Cases)	Chum (Cases)	Coho (Cases)	Chinook (Cases)	Estimated Landed Weight (tonnes)					
									Sockeye	Pink	Chum	Coho	Chinook	Total ^d
1870	625	NA	-	NA	-	-	NA	NA	2	-	-	2	19	23
1871	1,046	NA	-	NA	-	-	NA	NA	15	-	-	3	22	40
1872	1,033	NA	-	NA	-	-	NA	NA	25	-	-	3	12	40
1873	9,100	8,125	89	975	-	-	919	56	310	-	-	35	2	347
1874	18,719	NA	-	NA	-	-	NA	NA	679	-	-	33	2	714
1875	8,500	NA	-	NA	-	-	NA	NA	321	-	-	3	<0.5	324
1876	10,647	9,847	92	800	-	-	754	46	375	-	-	29	2	406
1877	64,387	64,387	100	-	-	-	-	-	2,453	-	-	-	-	2,453
1878	105,101	100,000	95	5,101	-	-	4,808	293	3,810	-	-	183	11	4,004
1879	50,490	50,000	99	490	-	-	462	28	1,905	-	-	18	1	1,924
1880	42,155	25,000	59	17,155	-	-	16,170	985	953	-	-	616	38	1,607
1881	142,516	142,516	100	-	-	-	-	-	5,430	-	-	-	-	5,430
1882	199,204	175,000	88	24,204	-	-	22,815	1,389	6,668	-	-	869	53	7,590
1883	109,701	100,000	91	9,701	-	-	9,144	557	3,810	-	-	348	21	4,179
1884	38,437	25,000	65	13,437	-	-	12,666	771	953	-	-	483	29	1,465
1885	89,617	89,617	100	-	-	-	-	-	3,415	-	-	-	-	3,415
1886	99,177	36,000	36	63,177	-	-	59,551	3,626	1,372	-	-	2,269	138	3,779
1887	130,138	125,000	96	5,138	-	-	4,843	295	4,763	-	-	185	11	4,959
1888	76,616	40,000	52	36,616	-	-	34,514	2,102	1,524	-	-	1,315	80	2,919
1889	308,122	303,875	99	4,247	-	-	4,003	244	11,578	-	-	153	9	11,740
1890	244,637	225,000	92	19,637	-	-	18,510	1,127	8,573	-	-	705	43	9,321
1891	177,657	131,000	74	46,657	-	-	43,979	2,678	4,991	-	-	1,676	102	6,769
1892	98,490	59,000	60	39,490	-	-	37,223	2,267	2,248	-	-	1,418	86	3,752
1893	474,229	455,000	96	19,229	-	-	18,125	1,104	17,336	-	-	691	42	18,069
1894	363,566	360,000	99	3,566	-	-	3,361	205	13,717	-	-	128	8	13,853
1895	432,920	360,000	83	72,920	-	-	68,734	4,186	13,717	-	-	2,619	159	16,495
1896	375,344	325,000	87	50,344	-	-	47,454	2,890	12,383	-	-	1,808	110	14,301
1897	879,115	850,000	97	29,115	-	-	27,444	1,671	32,386	-	-	1,046	64	33,496
1898	264,224	216,000	82	48,224	-	-	45,456	2,768	8,230	-	-	1,732	105	10,067
1899	521,125	486,409	93	34,716	3,925	3,925	25,324	1,542	18,533	150	150	965	59	19,857
1900	331,361	170,889	52	160,472	12,267	119,852	26,726	1,627	6,511	467	4,567	1,018	62	12,625

a. Records of numbers of cases canned from DMF Annual Reports, except from Lyons (1969) for 1870 and from Colony of British Columbia export statistics for 1871, 1872 and 1875.

b. Numbers of cases listed in Rounsefell and Kelez (1938).

c. Difference between "Total" and "Sockeye" cases.

d. Totals for 1870-75 from data on pounds of product from main text Table 5 times 1.75, converted to tonnes; totals for 1876-1900 from DMF case data times 84 lb/case, converted to tonnes. See Appendix E, section 2.1.1.2 for species breakdowns.

Table E2. Estimation of the percentage contribution of sockeye, chinook and coho to the landed weights of canned salmon packs prior to 1904. See text for analytical methods.

		Part A. Fraser River in 1870 and 1875						
Year	Basis	Percentages (%)			Landed Weight (Tonnes)			Total ^a
		Sockeye	Coho	Chinook	Sockeye	Coho	Chinook	
1870	Estimates based on Lyons (1969) conclusion regarding chinook predominance	10	10	80	2	2	19	23
1871	Transition from percentages in 1870 to those in 1873	37	8	55	15	3	22	40
1872	Transition from percentages in 1870 to those in 1873	63	7	30	25	3	12	40
1873	Rounsefell and Kelez (1938) for sockeye with 1901-03 percentages for coho and chinook applied to the remainder	89 ^b	10 ^b	1 ^b	310	35	2	347
1874	Percentage for the next cycle year - 1878 - for sockeye with 1901-03 average percentages for coho and chinook, as above	95	5	<0.5	679	33	2	714
1875	Percentage for the next cycle year - 1879 - for sockeye with 1901-03 average percentages for coho and chinook, as above	99	1	<0.5	321	3	<0.05	324

a. Canned pack in pounds from main text Table 5 converted to GLW in tonnes.

b. Proportions used to calculate landed weights: sockeye 0.8929 (sockeye cases from Rounsefell and Kelez divided by total cases), coho 0.1010 or 0.9426(1-0.8929), chinook 0.0061 or 0.0574(1-0.8929).

Table E2. Continued.

Part B. All Areas except Queen Charlotte Islands, 1901 to 1903						
Year	Pack (cases)			Species Composition (%)		
	Sockeye	Coho	Chinook	Sockeye	Coho	Chinook
NASS RIVER						
1901	13,604	0	1,400	90.67	0.00	9.33
1902	20,482	1,315	1,415	88.24	5.67	6.10
1903	11,370	5,127	1,597	62.84	28.34	8.83
	Average			80.58	11.33	8.08
SKEENA RIVER						
1901	81,209	4,155	22,019	75.63	3.87	20.51
1902	118,590	4,215	15,361	85.83	3.05	11.12
1903	51,023	11,292	17,795	63.69	14.10	22.21
	Average			75.05	7.01	17.95
NORTH COAST						
1901	19,037	3,382	2,194	77.35	13.74	8.91
1902	19,538	8,445	128	69.50	30.04	0.46
1903	19,204	5,718	1,717	72.09	21.46	6.45
	Average			72.98	21.75	5.27
RIVERS AND SMITH INLETS						
1901	60,838	3,086	765	94.05	4.77	1.18
1902	74,019	958	493	98.08	1.27	0.65
1903	73,419	219	1,522	97.68	0.29	2.03
	Average			96.60	2.11	1.29
JOHNSTONE STRAIT						
1901	990	0	1,835	35.04	0.00	64.96
1902	1,772	1,780	0	49.89	50.11	0.00
1903	1,505	219	0	87.30	12.70	0.00
	Average			57.41	20.94	21.65
WEST COAST VANCOUVER ISLAND						
1901	3,728	810	123	79.98	17.38	2.64
1902	4,060	846	70	81.59	17.00	1.41
1903	7,340	840	638	83.24	9.53	7.24
	Average			81.60	14.64	3.76
FRASER RIVER						
1901	-	17,043	885	-	95.06	4.94
1902	-	29,685	1,574	-	94.96	5.04
1903	-	25,733	2,013	-	92.74	7.26
	Average			-	94.26	5.74

Table E3. List of B.C. canneries and operating periods (to 1930) as given by Cobb (1930), for "Outlying Districts", and "Vancouver Island" districts. Repeated cannery locations denote a cannery that was sold or moved. Continued.

District	Area in this Report	Operating Period		Company	Cannery Location
Outlying Districts	Queen Charlotte	1912	to 1913	British Columbia Fisheries (Ltd)	Aliford Bay, Skidegate Inlet
"	Islands	1916	to 1916	Western Salmon Packing Co	" "
"	"	1917	to 1930+	Maritime Fisheries (Ltd)	" "
"	"	1912	to 1913	Wallace Fisheries (Ltd)	Naden Harbour
"	"	1916	to 1918	Wallace Fisheries (Ltd)	" "
"	"	1919	to 1930+	Wallace Fisheries (Ltd)	" ", to Masset In.
"	"	1918	to ?	Lockeport Canning Co	Lockeport
"	"	1918	to ?	Western Salmon Packing Co	Lagoon Bay
"	"	1924	to 1924	Sommerville Cannery Co (Ltd)	Masset Inlet (floating cannery)
"	Smith Inlet	1883	to 1884	John Rood	Quachela Lagoon
"	"	1902	to 1911	Wm Hickey Canning Co	Quachela Lagoon
"	"	1912	to ?	Wallace Fisheries (Ltd)	" "
"	"	1917	to ?	Western Packers (Ltd)	Marguerite Bay
"	North Coast	1890	to 1901	Lowe Inlet Canning Co	Lowe Inlet
"	"	1902	to ?	British Columbia Packers Assoc	" "
"	"	1890	to 1893	? Price and associates	Gardiner Canal
"	"	1893	to 1911	Robert Draney	Namu
"	"	1912	to 1917	Draney Fisheries (Ltd)	"
"	"	1918	to ?	Northern B. C. Fisheries (Ltd)	"
"	"	1901	to 1911	Robert Draney	Kimsquit
"	"	1912	to 1917	Draney Fisheries (Ltd)	"
"	"	1918	to ?	Northern B. C. Fisheries (Ltd)	"
"	"	1907	to 1930+	Kildalla Packing Co	Manitou cannery
"	"	1900	to 1901	John Clayton	Bella Coola cannery
"	"	1902	to 1930+	British Columbia Packers Assoc	" " "
"	"	1917	to 1917	Tallheo Fisheries (Ltd)	Bella Coola ?
"	"	1918	to ?	Northern B. C. Fisheries (Ltd)	" "
"	"	1900	to 1901	Toms, Morris & Fraser	China Hat
"	"	1902	to 1902	British Columbia Packers Assoc	" "
"	"	1911	to 1916	John Wallace	Warke Island
"	"	1917	to ?	Western Packers (Ltd)	" "
"	"	1912	to 1914	East Bella Bella Canning Co	Bella Bella
"	"	1915	to 1923	Gosse-Millerd Packing Co	" "
Outlying Districts & Vancouver Island	Johnstone Strait	1881	to 1901	S.A. Spenser	Alert Bay
"	"	1902	to 1930+	British Columbia Packers Assoc	" "
"	"	1904	to 1905	Pidcock Bros	Quathiaski Cove
"	"	1907	to 1909	T.E. Atkins	" "
"	"	1910	to 1930+	Quathiaski Canning Co	" "
"	"	1907	to 1909	Capt. R.E. Gosse	Knight Inlet, Sargeants Passage
"	"	1910	to 1910	Capt. R.E. Gosse	" ", Glendale Cove
"	"	1911	to 1930+	Anglo-British Columbia Packing Co	" " " "
"	"	1914	to 1916	Goletas Fishing Co	Shushartay Bay

Table E3. Continued.

District	Area in this Report	Operating Period	Company	Cannery Location
Outlying Districts & Vancouver Island	Johnstone Strait	1917 to ?	Western Packers (Ltd)	" "
"	"	1914 to 1914	Gilford Fish Co	Kingcome Inlet
"	"	1915 to ?	Preston Packing Co	" "
"	Georgia Strait	1890 to 1890	C.S. Windsor and George Hobson	Bute Inlet
"	"	1906 to 1907	P.H. Alder	Pender Harbour
"	"	1912 to 1913	Jervis Inlet Canning Co	Jervis Inlet
"	"	1917 to ?	C.L. Packing Co	Jervis Inlet, Green Bay
"	"	1913 to 1916	Nanaimo Canning Co	Nanaimo
"	"	1917 to 1930+	Nanaimo Cannery and Packers (Ltd)	"
"	"	1916 to ?	? Quathiaski Canning Co	Blind Cove (Bay ?)
"	"	1916 to ?	Gulf Island Fish Co	Lasqueti Island
"	"	1916 to ?	Sidney Canning Co	Sidney
"	"	1917 to ?	Redonda Is. Can. & Cold Stor. Co	Redonda Island
"	Juan de Fuca	1905 to 1930+	J.H. Todd & Sons	Victoria, Esquimalt Harbour
"	Strait	1905 to 1914	Capital City Canning Co	Victoria
"	"	1918 to ?	Defiance Packing Co	Port Renfrew
"	West Coast	1895 to 1901	Earle and Magneson	Clayoquot Sound
"	Vancouver Island	1902 to 1930+	Clayoquot Sound Canning Co	" "
"	"	1896 to 1896	West Coast Packing Co	Nootka Sound
"	"	1917 to 1930+	Nootka Packing Co	" "
"	"	1903 to 1910	Dawson & Buttimer	Alberni Canal
"	"	1911 to ?	Wallace Fisheries (Ltd)	" "
"	"	1911 to 1914	Wallace Fisheries (Ltd)	Quatsino Sound
"	"	1919 to ?	Gosse-Millerd Packing Co	San Mateo
"	"	1925? to 1925	Sommerville Cannery Co (Ltd)	Quatsino Sd (floating cannery)
"	"	1917 to ?	Lummi Bay Packing Co	Nitinat

? Indicates that it was not clear from what Cobb wrote when the cannery started/stopped operating, and uncertainty about the location name.

+ Cobb clearly states that these canneries were still operating in 1930.

Table E4. List of B.C. canneries and operating periods (to 1930) as given by Lyons (1969), for canneries in "Outlying Districts", and "Vancouver Island" districts. Repeated cannery locations denote a cannery that was sold or moved. Continued.

District	Area in this Report	Operating Period	Company	Cannery Location
Outlying Districts	Queen Charlotte	1912 to 1913	British Columbia Fisheries (Ltd)	Aliford Bay, Skidegate Inlet
"	Islands	1916 to 1916	Western Salmon Packing Co	" "
"	"	1917 to 1930+	Maritime Fisheries (Ltd)	" "
"	"	1912 to 1913	Wallace Fisheries (Ltd)	Naden Harbour
"	"	1916 to 1919	Wallace Fisheries (Ltd)	" "
"	"	1920 to 1925	Wallace Fisheries (Ltd)	" ", and Masset Sd
"	"	1926 to 1928	B.C. Fishing & Packing Co (Ltd)	" " "
"	"	1929 to 1930	British Columbia Packers (Ltd)	" " "
"	"	1918 to 1926	Lockeport Canning Co	Klunkwoi Bay
"	"	1927 to ?	The Canadian Fishing Co (Ltd)	" "
"	"	1918 to 1922	Western Salmon Packers (Ltd)	Lagoon Inlet
"	"	1923 to ?	The Canadian Fishing Co (Ltd)	" "
"	"	1924 to 1924	Sommerville Cannery Co (Ltd)	Masset In (floating cannery)
"	"	1926 to 1928	B.C. Fishing & Packing Co (Ltd)	South Bay
"	"	1929 to 1929	British Columbia Packers (Ltd)	" "
"	"	1926 to 1928	Gosse Packing Co (Ltd)	Shannon Bay
"	"	1929 to 1930+	British Columbia Packers (Ltd)	" "
"	"	1926 to ?	Langara Fishing & Packing Co (Ltd)	Masset Sound
"	"	1927 to 1928	Millerd Packing Company (Ltd)	Jedway
"	"	1929 to 1929	British Columbia Packers (Ltd)	"
"	"	1927 to 1930+	Masset Cannery Ltd	Masset
"	Naas River	1911 to 1925	M. DesBrisay & Co (Ltd)	Wales Island
"	"	1926 to 1930+	The Canadian Fishing Co (Ltd)	" "
"	"			
"	Smith Inlet	1883 to ?	John Rood	Smith Inlet
"	"	1902 to 1911	Wm Hickey Canning Co	Quachela Lagoon
"	"	1912 to 1925	Wallace Fisheries (Ltd)	" "
"	"	1926 to 1928	B.C. Fishing & Packing Co (Ltd)	" "
"	"	1929 to 1930+	British Columbia Packers (Ltd)	" "
"	"	1917 to 1922	Western Packers (Ltd)	Margaret Bay
"	"	1923 to ?	The Canadian Fishing Co (Ltd)	" "
"	"	1926 to 1928	Gosse Packing Company (Ltd)	Smith Inlet
"	"	1929 to 1930+	British Columbia Packers (Ltd)	" "
"	"			
"	North Coast	1890 to 1901	Lowe Inlet Packing Co (Ltd)	Lowe Inlet
"	"	1902 to 1902	Victoria Canning Co	" "
"	"	1902 to 1920	British Columbia Packers Assoc	" "
"	"	1920 to 1928	B.C. Fishing & Packing Co (Ltd)	" "
"	"	1929 to 1930+	British Columbia Packers (Ltd)	" "
"	"	1890 to 1893	Price and Company	Gardiner Canal
"	"	1893 to 1911	Namu Canning Co (Ltd)	Namu
"	"	1912 to 1917	Draney Fisheries (Ltd)	"
"	"	1918 to 1923	Northern B. C. Fisheries (Ltd)	"
"	"	1924 to 1925	Gosse-Millerd Company (Ltd)	"
"	"	1926 to 1928	Gosse Packing Co (Ltd)	"
"	"	1929 to 1930+	British Columbia Packers (Ltd)	"
"	"	1901 to 1911	Namu Canning Co (Ltd)	Kimsquit

Table E4. Continued.

District	Area in this Report	Operating Period	Company	Cannery Location
Outlying Districts	North Coast	1912 to 1917	Draney Fisheries (Ltd)	"
"	"	1918 to 1923	Northern B. C. Fisheries (Ltd)	"
"	"	1924 to 1925	Gosse-Millerd Company (Ltd)	"
"	"	1926 to 1928	Gosse Packing Co (Ltd)	"
"	"	1928 to 1928	British Columbia Packers (Ltd)	"
"	"	1907 to 1908	Dawson & Buttimer	Manitou cannery
"	"	1908 to 1924	Kildalla Packing Co (Ltd)	" "
"	"	1925 to ?	The Canadian Fishing Co (Ltd)	" "
"	"	1900 to 1901	Clayton Canning Co	Bella Coola
"	"	1902 to 1920	British Columbia Packers Assoc	" "
"	"	1920 to 1928	B.C. Fishing & Packing Co (Ltd)	" "
"	"	1929 to 1930+	British Columbia Packers (Ltd)	" "
"	"	1917 to 1917	Tallheo Fisheries (Ltd)	North Bentinck Arm
"	"	1918 to 1925	Northern B. C. Fisheries (Ltd)	" " "
"	"	1926 to ?	The Canadian Fishing Co (Ltd)	" " "
"	"	1900 to 1901	Princess Royal Packing Co	China Hat
"	"	1902 to 1902	British Columbia Packers Assoc	" "
"	"	1911 to 1916	John Wallace	Butedale
"	"	1917 to 1922	Western Packers (Ltd)	"
"	"	1923 to 1930+	The Canadian Fishing Co (Ltd)	"
"	"	1912 to 1914	East Bella Bella Canning Co	Bella Bella
"	"	1915 to 1920	Gosse-Millerd Packing Co	" "
"	"	1920 to 1928	Gosse-Millerd Company (Ltd)	" "
"	"	1929 to 1930	British Columbia Packers (Ltd)	" "
"	"	1919 to ?	Ocean Packing Co (Ltd)	? location
"	"	1926 to 1926	Captain Cove Canning Co (Ltd)	Pitt Island
"	"	1926 to 1928	Gosse Packing Company (Ltd)	" "
"	"	1928 to 1928	British Columbia Packers (Ltd)	" "
"	"	1927 to 1930+	Klemtu Canning Co (Ltd)	Swindle Island
"	"	? to 1930+	J.H. Todd & Sons (Ltd)	Klemtu
"	"	1927 to 1928	B.C. Fishing & Packing Co (Ltd)	Walker Lake
"	"	1929 to 1930+	British Columbia Packers (Ltd)	" "
"	Johnstone Strait	1881 to 1901	Alert Bay Canning Co	Alert Bay
"	"	1902 to 1920	British Columbia Packers Assoc	" "
"	"	1920 to 1928	B.C. Fishing & Packing Co (Ltd)	" "
"	"	1928 to 1930	British Columbia Packers (Ltd)	" "
"	"	1904 to 1906	Pidcock Bros & Co	Quathiaski Cove
"	"	1907 to 1907	T.E. Atkins	" "
"	"	1908 to 1911	Quathiaski Packing Co (Ltd)	" "
"	"	1912 to 1930+	Quathiaski Canning Co (Ltd)	" "
"	"	1907 to 1908	Capt. R.E. Gosse	Knight In, Sargeaunt Passage
"	"	1910 to 1910	Capt. R.E. Gosse	" " , Glendale Cove
"	"	1911 to 1930+	Anglo-British Columbia Pkng Co (Ltd)	" " " "
"	"	1914 to ?	Goletas Fishing Co	Shushartie Bay
"	"	1917 to 1922	Western Packers (Ltd)	" "
"	"	1923 to 1928	The Canadian Fishing Co (Ltd)	" "
"	"	1928 to ?	The Canadian Fishing Co (Ltd)	" " , to Bones Bay
"	"	1914 to 1915	Gilford Fish Co (Ltd)	Kingcome Inlet
"	"	1915 to ?	Preston Packing Co (Ltd)	" "

Table E4. Continued.

District	Area in this Report	Operating Period	Company	Cannery Location
Outlying Districts	Johnstone Strait	1929 to 1930+	Kingcome Packers (Ltd)	Charles Creek, Kingcome Inlet
"	"	1924 to 1926	Sommerville Cannery Co (Ltd)	Malcolm Island
"	"	1927 to 1928	Millerd Packing Company (Ltd)	" "
"	"	1929 to 1929	British Columbia Packers (Ltd)	" "
Outlying Districts & Vancouver Island	Georgia Strait	1890 to 1890	Hobson and Company	Bute Inlet
"	"	1906 to 1907	P.H. Alder	Pender Harbour
"	"	1912 to 1913	Jervis Inlet Canning Co	Jervis Inlet
"	"	1917 to ?	C.L. Packing Co	Jervis Inlet, Green Bay
"	"	1914 to 1916	Nanaimo Canning Co	Nanaimo
"	"	1917 to 1926	Nanaimo Cannerns and Packers (Ltd)	"
"	"	1926 to ?	The Canadian Fishing Co (Ltd)	"
"	"	? to 1930+	Deep Bay Packing Co (Ltd)	Bowser
"	"	1918 to 1918	Puntledge Canning Co (Ltd)	Courtenay
"	Juan de Fuca	1905 to 1930+	J.H. Todd & Sons (Ltd)	Victoria, Esquimalt Harbour
"	Strait	1913 to ?	British Columbia Canning Co (Ltd)	Victoria
"	"	1918 to ?	Defiance Packing Co (Ltd)	Port Renfrew
"	"	1919 to ?	Sooke Harbour Fishing & Pkng Co(Ltd)	Sooke
"	"	1927 to 1927	Saanich Canning Co (Ltd)	Saanich Inlet
"	West Coast	1895 to 1901	Clayoquot Fishing and Trading Co	Clayoquot Sound
"	Vancouver Island	1902 to ?	Clayoquot Sound Canning Co	" "
"	"	1896 to 1896	West Coast Packing Co	west coast of Vancouver Is
"	"	1917 to 1930+	Nootka Packing & Fishing Co (Ltd)	Nootka
"	"	1903 to 1908	Alberni Packing Co	Kildonan
"	"	1909 to 1910	Wallace Bros. Packing Co (Ltd)	"
"	"	1911 to 1925	Wallace Fisheries (Ltd)	"
"	"	1926 to 1928?	B.C. Fishing & Packing Co (Ltd)	"
"	"	1929? to ?	British Columbia Packers (Ltd)	"
"	"	1911 to 1925	Wallace Fisheries (Ltd)	Quatsino Sound
"	"	1926 to 1928	B.C. Fishing & Packing Co (Ltd)	" "
"	"	1929 to 1930+	British Columbia Packers (Ltd)	" "
"	"	1918 to 1920	Gosse-Millerd Packing Co (Ltd)	San Mateo
"	"	1920 to 1926	Gosse-Millerd Company (Ltd)	" "
"	"	1926 to 1928	Gosse Packing Company (Ltd)	" "
"	"	1928 to 1928	British Columbia Packers (Ltd)	" "
"	"	1917 to 1925	Lummi Bay Packing Co	Nitinat
"	"	1925 to 1926	Nitinat Packers (Ltd)	"
"	"	1927 to 1928	Gosse Packing Company (Ltd)	"
"	"	1929 to 1930+	British Columbia Packers (Ltd)	"
"	"	1919 to ?	Bamfield Fisheries (Ltd)	
"	"	1924 to 1925	Sommerville Cannery Co (Ltd)	Quatsino Sound
"	"	1926 to ?	B.C. Fishing & Packing Co (Ltd)	" "
"	"	1926 to 1928	Gosse Packing Company (Ltd)	Nootka Island
"	"	1929 to 1930+	B.C. Fishing & Packing Co (Ltd)	" "
"	"	1928 to ?	Anglo-British Columbia Pkng Co (Ltd)	Kyuquot Sound
"	"	1929 to 1930	Francis Millerd	Port Alberni

? Indicates that it was not clear from what Lyons wrote when the cannery started/stopped operating.

+ Cannery in operation past 1930.

Table E6. Percentage species composition of products for the Nass River, 1878-1930.

Year	Dry Salted			Pickled			Fresh/Frozen (companies)						Fresh/Frozen (fishermen)						Smoked			Mild Cured			Bait				
	Pink	Chum	Coho	Chin	Sock	Pink	Chum	Coho	Chin	Sock	Pink	Chum	Coho	Chin	Sock	Pink	Chum	Coho	Chin	Sock	Pink	Coho	Chin	Sock	Pink	Chum	Coho	Chin	
1878	-	-	-	-	40.0	0.0	0.0	21.0	39.0	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-
1879	-	-	-	-	40.0	0.0	0.0	21.0	39.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1880	-	-	-	-	40.0	0.0	0.0	21.0	39.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1881	-	-	-	-	40.0	0.0	0.0	21.0	39.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1882	-	-	-	-	40.0	0.0	0.0	21.0	39.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1883	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-
1884	-	-	-	-	40.0	0.0	0.0	21.0	39.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1885	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1886	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1887	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1888	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-
1889	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1890	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-
1891	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-
1892	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-
1893	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-
1894	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-
1895	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-
1896	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-
1897	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-
1898	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-
1899	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-
1900	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-
1901	-	-	-	-	10.0	11.9	0.0	27.3	50.8	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	3.0	0.0	96.7	0.3	-	-	-	-	-
1902	-	-	-	-	10.0	11.9	0.0	27.3	50.8	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	3.0	0.0	96.7	0.3	-	-	-	-	-
1903	-	-	-	-	10.0	11.9	0.0	27.3	50.8	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	3.0	0.0	96.7	0.3	-	-	-	-	-
1904	-	-	-	-	10.0	11.9	0.0	27.3	50.8	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	3.0	0.0	96.7	0.3	-	-	-	-	-
1905	0.0	100.0	0.0	0.0	10.0	11.9	0.0	27.3	50.8	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	3.0	0.0	96.7	0.3	-	-	-	-	-
1906	0.0	100.0	0.0	0.0	10.0	11.9	0.0	27.3	50.8	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	-	-	-	-	0.0	3.4	96.5	0.0	-
1907	0.0	100.0	0.0	0.0	10.0	11.9	0.0	27.3	50.8	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	-	-	-	-	0.0	3.4	96.5	0.0	-
1908	0.0	100.0	0.0	0.0	10.0	11.9	0.0	27.3	50.8	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	3.0	0.0	96.7	0.3	-	0.0	3.4	96.5	0.0
1909	0.0	100.0	0.0	0.0	10.0	11.9	0.0	27.3	50.8	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	3.0	0.0	96.7	0.3	-	0.0	3.4	96.5	0.0
1910	0.0	100.0	0.0	0.0	10.0	11.9	0.0	27.3	50.8	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	3.0	0.0	96.7	0.3	-	0.0	3.4	96.5	0.0
1911	0.0	100.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table E6. Continued

Year	Dry Salted				Pickled				Fresh/Frozen (companies)						Fresh/Frozen (fishermen)						Smoked				Mild Cured				Bait							
	Pink		Chum		Coho		Chin		Sock		Pink		Chum		Coho		Chin		Stlhd		Pink		Coho		Chin		Stlhd		Pink		Chum		Coho		Chin	
1919	0.0	100.0	0.0	0.0	-	-	-	-	-	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1920	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1921	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1922	0.0	100.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1923	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1924	0.0	100.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1925	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1926	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1927	0.0	100.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1928	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1929	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1930	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Table E7. Percentage species composition of products for the Skeena River, 1877-1930.

Year	Dry Salted				Pickled				Fresh/Frozen (companies)				Fresh/Frozen (fishermen)				Smoked				Mild Cured				Bait				
	Pink	Chum	Coho	Chin	Sock	Pink	Chum	Coho	Chin	Sthld	Sock	Pink	Chum	Coho	Chin	Sthld	Pink	Coho	Chin	Sthld	Pink	Coho	Chin	Sthld	Pink	hum	Coho	Chin	
	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	Year	
1877	-	-	-	-	40.0	0.0	0.0	11.6	48.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1878	-	-	-	-	40.0	0.0	0.0	11.6	48.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1879	-	-	-	-	40.0	0.0	0.0	11.6	48.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1880	-	-	-	-	40.0	0.0	0.0	11.6	48.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1881	-	-	-	-	40.0	0.0	0.0	11.6	48.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1882	-	-	-	-	40.0	0.0	0.0	11.6	48.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1883	-	-	-	-	40.0	0.0	0.0	11.6	48.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1884	-	-	-	-	40.0	0.0	0.0	11.6	48.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1885	-	-	-	-	40.0	0.0	0.0	11.6	48.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1886	-	-	-	-	40.0	0.0	0.0	11.6	48.4	0.1	0.0	0.0	43.9	47.2	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	
1887	-	-	-	-	40.0	0.0	0.0	11.6	48.4	0.1	0.0	0.0	43.9	47.2	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	
1888	-	-	-	-	40.0	0.0	0.0	11.6	48.4	0.1	0.0	0.0	43.9	47.2	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	
1889	-	-	-	-	40.0	0.0	0.0	11.6	48.4	0.1	0.0	0.0	43.9	47.2	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	
1890	-	-	-	-	40.0	0.0	0.0	11.6	48.4	0.1	0.0	0.0	43.9	47.2	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	
1891	-	-	-	-	40.0	0.0	0.0	11.6	48.4	0.1	0.0	0.0	43.9	47.2	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	
1892	-	-	-	-	40.0	0.0	0.0	11.6	48.4	0.1	0.0	0.0	43.9	47.2	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	
1893	-	-	-	-	40.0	0.0	0.0	11.6	48.4	0.1	0.0	0.0	43.9	47.2	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	
1894	-	-	-	-	40.0	0.0	0.0	11.6	48.4	0.1	0.0	0.0	43.9	47.2	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	
1895	-	-	-	-	40.0	0.0	0.0	11.6	48.4	0.1	0.0	0.0	43.9	47.2	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	
1896	-	-	-	-	40.0	0.0	0.0	11.6	48.4	0.1	0.0	0.0	43.9	47.2	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	
1897	-	-	-	-	40.0	0.0	0.0	11.6	48.4	0.1	0.0	0.0	43.9	47.2	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	
1898	-	-	-	-	40.0	0.0	0.0	11.6	48.4	0.1	0.0	0.0	43.9	47.2	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	
1899	-	-	-	-	40.0	0.0	0.0	11.6	48.4	0.1	0.0	0.0	43.9	47.2	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	
1900	-	-	-	-	40.0	0.0	0.0	11.6	48.4	0.1	0.0	0.0	43.9	47.2	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	
1901	-	-	-	-	10.0	5.8	0.0	16.3	67.9	0.1	2.5	19.0	34.5	37.1	7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	
1902	-	-	-	-	10.0	5.8	0.0	16.3	67.9	0.1	2.5	19.0	34.5	37.1	7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	
1903	-	-	-	-	10.0	5.8	0.0	16.3	67.9	0.1	2.5	19.0	34.5	37.1	7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	
1904	-	-	-	-	10.0	5.8	0.0	16.3	67.9	0.1	2.5	19.0	34.5	37.1	7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	
1905	22.7	77.3	0.0	0.0	10.0	5.8	0.0	16.3	67.9	0.1	2.5	19.0	34.5	37.1	7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	
1906	22.7	77.3	0.0	0.0	-	-	-	-	-	0.1	2.5	19.0	34.5	37.1	7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	
1907	22.7	77.3	0.0	0.0	10.0	5.8	0.0	16.3	67.9	0.1	2.5	19.0	34.5	37.1	7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	
1908	22.7	77.3	0.0	0.0	10.0	5.8	0.0	16.3	67.9	0.1	2.5	19.0	34.5	37.1	7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	
1909	22.7	77.3	0.0	0.0	10.0	5.8	0.0	16.3	67.9	0.1	2.5	19.0	34.5	37.1	7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	
1910	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1911	-	-	-	-	-	-	-	-	-	0.1	2.5	19.0	34.5	37.1	7.0	0.1	0.5	5.1	38.7	55.6	0.1	3.0	0.0	96.7	0.3	0.0	2.1	97.9	0.0
1912	22.7	77.3	0.0	0.0	-	-	-	-	-	0.1	2.5	19.0	34.5	37.1	7.0	0.1	0.5	5.1	38.7	55.6	0.1	3.0	0.0	96.7	0.3	0.0	2.1	97.9	0.0
1913	-	-	-	-	-	-	-	-	-	0.1	2.5	19.0	34.5	37.1	7.0	0.1	0.5	5.1	38.7	55.6	0.1	3.0	0.0	96.7	0.3	0.0	2.1	97.9	0.0
1914	-	-	-	-	-	-	-	-	-	0.1	2.5	19.0	34.5	37.1	7.0	0.1	0.5	5.1	38.7	55.6	0.1	3.0	0.0	96.7	0.3	0.0	2.1	97.9	0.0
1915	22.7	77.3	0.0	0.0	-	-	-	-	-	0.1	2.5	19.0	34.5	37.1	7.0	0.1	0.5	5.1	38.7	55.6	0.1	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	0.1	2.5	19.0	34.5	37.1	7.0	0.1	0.5	5.1	38.7	55.6	0.1	-	-	-	-	-	-	-	-
1917	22.7	77.3	0.0	0.0	-	-	-	-	-	0.1	2.5	19.0	34.5	37.1	7.0	0.1	0.5	5.1	38.7	55.6	0.1	3.0	0.0	96.7	0.3	0.0	2.1	97.9	0.0
1918	-	-	-	-	-	-	-	-	-	0.1	2.5	19.0	34.5	37.1	7.0	0.1	0.5	5.1	38.7	55.6	0.1	3.0	0.0	96.7	0.3	0.0	2.1	97.9	0.0
1919	-	-	-	-	-	-	-	-	-	0.1	2.5	19.0	34.5	37.1	7.0	0.1	0.5	5.1	38.7	55.6	0.1	3.0	0.0	96.7	0.3	-	-	-	-

Table E7. Continued

Year	Dry Salted						Pickled			Fresh/Frozen (companies)						Fresh/Frozen (fishermen)						Smoked				Mild Cured				Bait					
	Pink			Chum			Chin	Pink			Chum			Coho	Chin	Stlhd	Sock	Pink	Chum	Coho	Chin	Stlhd	Pink	Coho	Chin	Stlhd	Pink	Coho	Chin	Stlhd	Pink	hum	Coho	Chin	
1920	-	-	-	-	-	-	-	-	-	-	0.1	2.5	19.0	34.5	37.1	7.0	0.1	0.5	5.1	38.7	55.6	0.1	3.0	0.0	96.7	0.3	0.0	2.1	97.9	0.0	-	-	-	-	
1921	22.7	77.3	0.0	0.0	-	-	-	-	-	-	0.1	2.5	19.0	34.5	37.1	7.0	0.1	0.5	5.1	38.7	55.6	0.1	3.0	0.0	96.7	0.3	0.0	2.1	97.9	0.0	-	-	-	-	
1922	22.7	77.3	0.0	0.0	-	-	-	-	-	-	0.1	2.5	19.0	34.5	37.1	7.0	0.1	0.5	5.1	38.7	55.6	0.1	3.0	0.0	96.7	0.3	0.0	2.1	97.9	0.0	-	-	-	-	
1923	100.0	0.0	0.0	0.0	-	-	-	-	-	-	-	0.0	1.6	25.0	24.8	46.0	2.7	0.1	0.5	5.1	38.7	55.6	0.1	-	-	-	-	0.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0
1924	25.1	74.9	0.0	0.0	0.0	0.0	53.9	0.0	0.0	0.0	5.0	5.0	21.6	28.7	42.2	2.6	0.1	0.5	5.1	38.7	55.6	0.1	-	-	-	-	-	0.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0
1925	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.6	44.4	0.0	0.2	20.2	29.3	50.3	0.0	-	-	-	-	-	-	-	-	0.0	0.0	100.0	0.0	100.0	0.0	0.0	0.0	
1926	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	95.6	0.0	0.1	1.1	24.4	24.0	40.0	10.5	0.1	0.5	5.1	38.7	55.6	0.1	3.0	0.0	96.7	0.3	0.0	0.0	99.3	0.7	-	-	-
1927	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	1.4	15.9	26.2	38.6	17.9	0.0	0.0	8.4	36.8	54.7	0.1	-	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-
1928	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	36.8	54.7	0.1	-	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-
1929	-	-	-	-	-	-	-	0.0	0.0	0.0	55.9	44.1	0.1	2.8	19.5	43.0	25.7	9.0	0.0	0.0	12.3	36.7	50.8	0.2	-	-	-	-	0.0	16.8	83.2	0.0	-	-	-
1929	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	100.0	0.2	3.3	12.7	49.9	27.1	6.9	-	-	-	-	-	-	-	-	-	0.0	5.2	94.8	0.0	-	-	-	-
1930	-	-	-	-	-	-	-	0.0	4.3	0.0	67.3	28.4	0.2	3.8	14.9	41.9	32.8	6.5	0.3	1.9	0.8	36.2	60.8	0.0	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-

Table E9. Percentage species composition of products for Rivers and Smith Inlet, 1882-1930.

Year	Dry Salted				Pickled				Fresh/Frozen (companies)				Fresh/Frozen (fishermen)				Smoked				Mild Cured				Bait					
	Pink		Chum		Coho		Chin		Pink		Chum		Coho		Chin		Stlhd		Chin		Stlhd		Pink		Chum		Coho		Chin	
1882	-	-	-	-	40.0	0.0	0.0	21.0	39.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1883	-	-	-	-	40.0	0.0	0.0	21.0	39.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1884	-	-	-	-	40.0	0.0	0.0	21.0	39.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1885	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1886	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1887	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1888	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1889	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1890	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1891	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1892	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1893	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1894	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1895	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1896	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1897	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1898	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1899	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1900	-	-	-	-	40.0	0.0	0.0	21.0	39.0	0.1	0.0	0.0	45.9	45.8	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1901	-	-	-	-	10.0	11.9	0.0	27.3	50.8	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1902	-	-	-	-	10.0	11.9	0.0	27.3	50.8	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1903	-	-	-	-	10.0	11.9	0.0	27.3	50.8	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1904	-	-	-	-	10.0	11.9	0.0	27.3	50.8	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1905	0.0	100.0	0.0	0.0	10.0	11.9	0.0	27.3	50.8	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1906	0.0	100.0	0.0	0.0	10.0	11.9	0.0	27.3	50.8	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1907	0.0	100.0	0.0	0.0	10.0	11.9	0.0	27.3	50.8	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1908	0.0	100.0	0.0	0.0	10.0	11.9	0.0	27.3	50.8	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1909	0.0	100.0	0.0	0.0	10.0	11.9	0.0	27.3	50.8	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1910	0.0	100.0	0.0	0.0	10.0	11.9	0.0	27.3	50.8	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1911	0.0	100.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	0.1	2.5	17.5	36.7	36.6	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	0.0	100.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	0.0	100.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	0.0	100.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	0.0	100.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table E10. Percentage species composition of products for Johnstone Strait, 1878-1930.

Year	Dry Salted				Pickled				Fresh/Frozen (companies)				Fresh/Frozen (fishermen)				Smoked				Mild Cured				Bait		
	Pink	Chum	Coho	Chin	Sock	Pink	Chum	Coho	Chin	Sock	Pink	Chum	Coho	Chin	Stlhd	Pink	Coho	Chin	Stlhd	Pink	Coho	Chin	Stlhd	Pink	Chum	Coho	Chin
1878	-	-	-	-	40.0	0.0	0.0	7.0	53.0	-	-	-	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-	-	-
1879	-	-	-	-	40.0	0.0	0.0	7.0	53.0	-	-	-	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-	-	-
1880	-	-	-	-	40.0	0.0	0.0	7.0	53.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1881	-	-	-	-	40.0	0.0	0.0	7.0	53.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1882	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1883	-	-	-	-	40.0	0.0	0.0	7.0	53.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1884	-	-	-	-	40.0	0.0	0.0	7.0	53.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1885	-	-	-	-	40.0	0.0	0.0	7.0	53.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1886	-	-	-	-	40.0	0.0	0.0	7.0	53.0	0.0	0.0	0.0	82.0	18.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-
1887	-	-	-	-	40.0	0.0	0.0	7.0	53.0	0.0	0.0	0.0	82.0	18.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-
1888	-	-	-	-	40.0	0.0	0.0	7.0	53.0	0.0	0.0	0.0	82.0	18.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-
1889	-	-	-	-	40.0	0.0	0.0	7.0	53.0	0.0	0.0	0.0	82.0	18.0	0.0	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1890	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	82.0	18.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-
1891	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	82.0	18.0	0.0	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1892	-	-	-	-	40.0	0.0	0.0	7.0	53.0	0.0	0.0	0.0	82.0	18.0	0.0	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1893	-	-	-	-	40.0	0.0	0.0	7.0	53.0	0.0	0.0	0.0	82.0	18.0	0.0	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1894	-	-	-	-	40.0	0.0	0.0	7.0	53.0	0.0	0.0	0.0	82.0	18.0	0.0	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1895	-	-	-	-	40.0	0.0	0.0	7.0	53.0	0.0	0.0	0.0	82.0	18.0	0.0	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1896	-	-	-	-	40.0	0.0	0.0	7.0	53.0	0.0	0.0	0.0	82.0	18.0	0.0	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1897	-	-	-	-	40.0	0.0	0.0	7.0	53.0	0.0	0.0	0.0	82.0	18.0	0.0	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1898	-	-	-	-	40.0	0.0	0.0	7.0	53.0	0.0	0.0	0.0	82.0	18.0	0.0	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1899	-	-	-	-	40.0	0.0	0.0	7.0	53.0	0.0	0.0	0.0	82.0	18.0	0.0	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1900	-	-	-	-	40.0	0.0	0.0	7.0	53.0	0.0	0.0	0.0	82.0	18.0	0.0	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1901	-	-	-	-	10.0	0.0	0.0	10.6	79.4	0.0	16.1	69.5	11.8	2.6	0.0	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1902	-	-	-	-	10.0	0.0	0.0	10.6	79.4	0.0	16.1	69.5	11.8	2.6	0.0	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1903	-	-	-	-	10.0	0.0	0.0	10.6	79.4	0.0	16.1	69.5	11.8	2.6	0.0	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1904	-	-	-	-	10.0	0.0	0.0	10.6	79.4	0.0	16.1	69.5	11.8	2.6	0.0	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1905	1.8	98.1	0.1	0.0	-	-	-	-	-	0.0	16.1	69.5	11.8	2.6	0.0	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1906	1.8	98.1	0.1	0.0	-	-	-	-	-	0.0	16.1	69.5	11.8	2.6	0.0	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1907	1.8	98.1	0.1	0.0	-	-	-	-	-	0.0	16.1	69.5	11.8	2.6	0.0	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1908	1.8	98.1	0.1	0.0	-	-	-	-	-	0.0	16.1	69.5	11.8	2.6	0.0	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1909	1.8	98.1	0.1	0.0	-	-	-	-	-	0.0	16.1	69.5	11.8	2.6	0.0	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1910	1.8	98.1	0.1	0.0	-	-	-	-	-	0.0	16.1	69.5	11.8	2.6	0.0	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1911	-	-	-	-	-	-	-	-	-	0.0	16.1	69.5	11.8	2.6	0.0	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	0.0	16.1	69.5	11.8	2.6	0.0	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	0.0	16.1	69.5	11.8	2.6	0.0	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	0.0	16.1	69.5	11.8	2.6	0.0	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1915	1.8	98.1	0.1	0.0	-	-	-	-	-	0.0	16.1	69.5	11.8	2.6	0.0	-	-	0.0	0.0	95.3	4.7	0.0	6.4	93.6	0.0	-	-
1916	-	-	-	-	-	-	-	-	-	0.0	16.1	69.5	11.8	2.6	0.0	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	0.0	16.1	69.5	11.8	2.6	0.0	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	0.0	16.1	69.5	11.8	2.6	0.0	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	0.0	16.1	69.5	11.8	2.6	0.0	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-

Table E10. Continued

Year	Dry Salted				Pickled				Fresh/Frozen (companies)				Fresh/Frozen (fishermen)				Smoked				Mild Cured				Bait			
	Pink	Chum	Coho	Chin	Sock	Pink	Chum	Coho	Chin	Sock	Pink	Chum	Coho	Chin	Sthld	Pink	Coho	Chin	Sthld	Pink	Coho	Chin	Sthld	Pink	Chum	Coho	Chin	
1920	1.8	98.1	0.1	0.0	-	-	-	-	-	0.0	16.1	69.5	11.8	2.6	0.0	0.5	0.0	0.0	78.7	20.8	0.0	0.0	0.0	95.3	4.7	-	-	-
1921	1.8	98.1	0.1	0.0	-	-	-	-	-	0.0	16.1	69.5	11.8	2.6	0.0	0.5	0.0	0.0	78.7	20.8	0.0	-	-	-	-	-	-	-
1922	1.8	98.1	0.1	0.0	-	-	-	-	-	0.0	16.1	69.5	11.8	2.6	0.0	0.5	0.0	0.0	78.7	20.8	0.0	0.0	0.0	95.3	4.7	-	-	-
1923	0.0	100.0	0.0	0.0	-	-	-	-	-	0.0	0.0	81.6	18.4	0.0	0.0	0.5	0.0	0.0	78.7	20.8	0.0	-	-	-	-	100.0	0.0	0.0
1924	2.0	98.0	0.0	0.0	-	-	-	-	-	0.0	0.0	62.3	32.8	4.8	0.1	0.5	0.0	0.0	78.7	20.8	0.0	-	-	-	-	-	-	-
1925	0.0	100.0	0.0	0.0	-	-	-	-	-	0.0	0.0	85.8	12.2	2.0	0.0	0.5	0.0	0.0	78.7	20.8	0.0	-	-	-	-	-	-	-
1926	0.0	100.0	0.0	0.0	0.0	0.0	58.9	4.8	36.2	-	-	-	-	-	-	0.5	0.0	0.0	78.7	20.8	0.0	-	-	-	-	-	-	-
1927	0.0	100.0	0.0	0.0	-	-	-	-	-	0.0	57.9	0.0	11.5	30.6	0.0	0.0	0.0	0.0	91.9	8.1	0.0	-	-	-	-	-	-	-
1928	0.0	99.7	0.3	0.0	-	-	-	-	-	0.0	0.1	89.5	10.2	0.2	0.0	0.0	0.0	0.0	90.4	9.6	0.0	-	-	-	-	-	-	-
1929	0.0	100.0	0.0	0.0	-	-	-	-	-	0.0	89.8	0.0	4.3	5.9	0.0	0.0	0.0	0.0	78.9	21.1	0.0	-	-	-	-	-	-	-
1930	0.0	100.0	0.0	0.0	-	-	-	-	-	0.0	0.0	0.0	91.5	8.5	0.0	1.9	0.0	0.0	61.1	37.0	0.0	-	-	-	-	-	-	-

Table E11. Percentage species composition of products for Strait of Georgia, 1883-1930.

Year	Dry Salted				Pickled				Fresh/Frozen (companies)				Fresh/Frozen (fishermen)				Smoked				Mild Cured				Bait			
	Pink	Chum	Coho	Chin	Sock	Pink	Chum	Coho	Chin	Sthld	Sock	Pink	Chum	Coho	Chin	Sthld	Pink	Coho	Chin	Sthld	Pink	Coho	Chin	Sthld	Pink	Chum	Coho	Chin
1883	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-	-	-
1884	-	-	-	-	40.0	0.0	0.0	7.1	53.0	-	-	-	-	-	-	-	0.0	0.0	12.8	53.3	33.8	0.0	0.0	0.0	100.0	0.0	-	-
1885	-	-	-	-	40.0	0.0	0.0	7.1	53.0	-	-	-	-	-	-	-	0.0	0.0	12.8	53.3	33.8	0.0	0.0	0.0	100.0	0.0	-	-
1886	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	12.8	53.3	33.8	0.0	0.0	0.0	100.0	0.0	-	-
1887	-	-	-	-	40.0	0.0	0.0	7.1	53.0	-	-	-	-	-	-	-	0.0	0.0	12.8	53.3	33.8	0.0	0.0	0.0	100.0	0.0	-	-
1888	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	-	-	-	-	-	-	-	-	-	-	-	-
1889	-	-	-	-	40.0	0.0	0.0	7.1	53.0	0.0	0.0	0.0	97.2	2.8	0.0	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1890	-	-	-	-	40.0	0.0	0.0	7.1	53.0	0.0	0.0	0.0	97.2	2.8	0.0	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1891	-	-	-	-	40.0	0.0	0.0	7.1	53.0	0.0	0.0	0.0	97.2	2.8	0.0	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1892	-	-	-	-	40.0	0.0	0.0	7.1	53.0	0.0	0.0	0.0	97.2	2.8	0.0	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1893	-	-	-	-	40.0	0.0	0.0	7.1	53.0	0.0	0.0	0.0	97.2	2.8	0.0	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1894	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1895	-	-	-	-	40.0	0.0	0.0	7.1	53.0	0.0	0.0	0.0	97.2	2.8	0.0	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1896	-	-	-	-	40.0	0.0	0.0	7.1	53.0	0.0	0.0	0.0	97.2	2.8	0.0	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1897	-	-	-	-	40.0	0.0	0.0	7.1	53.0	0.0	0.0	0.0	97.2	2.8	0.0	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1898	-	-	-	-	40.0	0.0	0.0	7.1	53.0	0.0	0.0	0.0	97.2	2.8	0.0	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1899	-	-	-	-	40.0	0.0	0.0	7.1	53.0	0.0	0.0	0.0	97.2	2.8	0.0	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1900	-	-	-	-	40.0	0.0	0.0	7.1	53.0	0.0	0.0	0.0	97.2	2.8	0.0	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-	-	-
1901	-	-	-	-	10.0	0.0	0.0	10.6	79.4	0.0	0.0	0.0	97.2	2.8	0.0	-	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1902	1.0	97.5	0.0	1.5	10.0	0.0	0.0	10.6	79.4	0.0	0.0	0.0	97.2	2.8	0.0	-	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1903	1.0	97.5	0.0	1.5	10.0	0.0	0.0	10.6	79.4	0.0	0.0	0.0	97.2	2.8	0.0	-	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1904	1.0	97.5	0.0	1.5	10.0	0.0	0.0	10.6	79.4	0.0	0.0	0.0	97.2	2.8	0.0	-	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1905	1.0	97.5	0.0	1.5	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	-	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1906	1.0	97.5	0.0	1.5	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	-	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1907	1.0	97.5	0.0	1.5	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	-	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1908	1.0	97.5	0.0	1.5	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	-	-	-	0.0	0.0	95.3	4.7	-	-	-	-	-	-
1909	1.0	97.5	0.0	1.5	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	-	-	-	-	-	95.3	4.7	-	-	-	-	-	-
1910	1.0	97.5	0.0	1.5	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	0.0	0.0	12.8	53.3	33.8	0.0	0.0	0.0	95.3	4.7	-	-	-
1911	1.0	97.5	0.0	1.5	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	0.0	0.0	12.8	53.3	33.8	0.0	0.0	0.0	95.3	4.7	-	-	-
1912	1.0	97.5	0.0	1.5	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	0.0	0.0	12.8	53.3	33.8	0.0	0.0	0.0	95.3	4.7	-	-	-
1913	1.0	97.5	0.0	1.5	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	0.0	0.0	12.8	53.3	33.8	0.0	-	-	-	-	-	-	-
1914	1.0	97.5	0.0	1.5	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	0.0	0.0	12.8	53.3	33.8	0.0	-	-	-	-	-	-	-
1915	1.0	97.5	0.0	1.5	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	0.0	0.0	12.8	53.3	33.8	0.0	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	0.0	0.0	12.8	53.3	33.8	0.0	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	0.0	0.0	12.8	53.3	33.8	0.0	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	0.0	0.0	12.8	53.3	33.8	0.0	0.0	0.0	95.3	4.7	-	-	-
1919	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	0.0	0.0	12.8	53.3	33.8	0.0	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	0.0	0.0	12.8	53.3	33.8	0.0	0.0	0.0	95.3	4.7	-	-	-
1921	1.0	97.5	0.0	1.5	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	0.0	0.0	12.8	53.3	33.8	0.0	0.0	0.0	95.3	4.7	-	-	-
1922	1.0	97.5	0.0	1.5	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	0.0	0.0	12.8	53.3	33.8	0.0	0.0	0.0	95.3	4.7	-	-	-
1923	0.0	100.0	0.0	0.0	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	0.0	0.0	12.8	53.3	33.8	0.0	0.0	0.0	95.3	4.7	-	-	-
1924	0.0	100.0	0.0	0.0	-	-	-	-	-	0.0	0.0	0.0	97.2	2.8	0.0	0.0	0.0	12.8	53.3	33.8	0.0	0.0	0.0	95.3	4.7	-	-	-
1925	3.1	92.4	0.0	4.5	-	-	-	-	-	0.0	0.0	0.0	###	0.0	0.0	-	-	-	12.8	53.3	33.8	0.0	-	-	-	-	-	-
1926	0.0	100.0	0.0	0.0	-	-	-	-	-	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	12.8	53.3	33.8	0.0	-	-	-	-	-	-	-
1927	0.0	100.0	0.0	0.0	-	-	-	-	-	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	12.8	53.3	33.8	0.0	-	-	-	-	-	-	-
1928	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	###	0.0	0.0	0.0	0.0	40.1	26.1	33.8	0.0	-	-	-	-	-	-	-
1929	0.0	100.0	0.0	0.0	-	-	-	-	-	0.0	0.0	0.0	-	-	-	-	0.0	0.0	0.0	59.7	40.2	0.1	-	-	-	-	-	-
1930	0.0	100.0	0.0	0.0	-	-	-	-	-	0.0	0.0	0.0	-	-	-	-	0.0	0.0	0.0	63.9	36.1	0.0	-	-	-	-	-	-

Table E12. Continued

Year	Dry Salted				Pickled				Fresh/Frozen (companies)				Fresh/Frozen (fishermen)				Smoked				Mild Cured				Bait								
	Pink		Chum		Coho	Chin	Sock		Pink	Chum	Coho	Chin	Stlhd		Sock	Pink	Chum	Coho	Chin	Stlhd		Sock	Pink	Chum	Coho	Chin							
	0.0	97.6	0.0	2.4			-	-					-	-						-	-						-	-	-	-	-	-	-
1921	0.0	97.6	0.0	2.4	-	-	-	1.9	28.8	13.7	13.1	40.1	2.4	0.0	0.0	0.0	0.0	0.0	16.8	82.4	0.9	0.0	0.0	95.3	4.7	0.0	5.6	94.4	0.0	-	-	-	
1922	-	-	-	-	-	-	-	0.0	0.9	0.0	16.6	80.7	1.8	0.0	0.0	0.0	0.0	0.0	16.8	82.4	0.9	0.0	0.0	95.3	4.7	0.0	5.6	94.4	0.0	-	-	-	
1923	-	-	-	-	-	-	-	0.0	0.0	0.0	4.9	95.1	0.0	0.0	0.0	0.0	0.0	0.0	16.8	82.4	0.9	0.0	0.0	100.0	0.0	-	-	-	-	-	-	-	
1924	0.0	97.6	0.0	2.4	-	-	-	0.0	0.0	0.0	8.4	91.6	0.0	0.0	0.0	0.0	0.0	0.0	16.8	82.4	0.9	0.0	0.0	95.3	4.7	-	-	-	-	-	-	-	
1925	0.0	0.0	0.0	100.0	-	-	-	3.2	45.9	0.3	7.0	40.8	2.8	0.0	0.0	0.0	0.0	0.0	16.8	82.4	0.9	0.0	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	-	-	-
1926	-	-	-	-	-	-	-	0.0	0.7	0.0	17.3	79.0	3.0	0.0	0.0	0.0	0.0	0.0	16.8	82.4	0.9	0.0	0.0	100.0	0.0	0.0	0.0	100.0	0.0	-	-	-	
1927	-	-	-	-	-	-	-	0.0	18.9	0.0	15.8	63.0	2.4	0.0	0.0	0.0	0.0	0.0	5.2	93.6	1.2	-	-	-	-	0.0	0.0	99.9	0.1	-	-	-	-
1928	-	-	-	-	-	-	-	0.0	3.6	0.0	25.5	67.8	3.1	0.0	0.0	0.0	0.0	0.0	20.9	78.3	0.8	-	-	-	-	0.0	14.8	85.2	0.0	-	-	-	-
1929	0.0	100.0	0.0	0.0	-	-	-	0.0	1.4	48.8	27.5	20.3	2.0	0.0	0.0	0.0	0.0	0.0	23.6	75.4	1.0	-	-	-	-	0.0	11.0	89.0	0.0	-	-	-	-
1930	-	-	-	-	-	-	-	0.0	0.0	0.0	22.8	75.3	2.0	0.0	0.0	0.0	0.0	0.0	9.0	90.8	0.2	-	-	-	-	0.0	0.0	100.0	0.0	-	-	-	-

Table E14. Continued

[illegible]

Table E15. Amounts (cwt) of fresh/frozen salmon and steelhead prepared by fishermen (recorded on Schedule IIs) and companies (recorded on Supplemental Schedules) for those areas where fishermen were reported to have prepared fresh/frozen salmon.^a

	Skeena River	Johnstone Strait	Strait of Georgia	Juan de Fuca Strait	West Coast Vancouver Is.	District III	Fraser River
1923 Fishermen	3,643	14,111	9,825	902	37,699	62,537	49,173
Companies	34,151	1,610	401	408	13,351	15,770	58,829
Total	37,794	15,721	10,226	1,310	51,050	78,307	108,002
% Fishermen	9.64%	89.76%	96.08%	68.85%	73.85%	79.86%	45.53%
1924 Fishermen	2,549	16,726	6,364	2,061	37,714	62,865	32,943
Companies	30,477	751	0	1,433	1,075	3,259	136,911
Total	33,026	17,477	6,364	3,494	38,789	66,124	169,854
% Fishermen	7.72%	95.70%	100.00%	58.99%	97.23%	95.07%	19.39%
1925 Fishermen	0	8,008	8,640	2,122	34,440	53,210	NA
Companies	39,161	1,564	187	4,073	2,119	7,943	101,654
Total	39,161	9,572	8,827	6,195	36,559	61,153	101,654
% Fishermen	0.00%	83.66%	97.88%	34.25%	94.20%	87.01%	
1926 Fishermen	656	17,054	9,043	6,554	36,076	68,727	11,667
Companies	36,378	0	0	919	6,559	7,478	60,247
Total	37,034	17,054	9,043	7,473	42,635	76,205	71,914
% Fishermen	1.77%	100.00%	100.00%	87.70%	84.62%	90.19%	16.22%
1927 Fishermen	1,051	8,283	13,681	5,228	35,653	62,845	NA
Companies	31,635	1,013	7	381	6,526	7,927	103,227
Total	32,686	9,296	13,688	5,609	42,179	70,772	103,227
% Fishermen	3.22%	89.10%	99.95%	93.21%	84.53%	88.80%	
1928 Fishermen	5,684	7,488	14,461	8,799	12,396	43,144	NA
Companies	45,044	19,237	50	674	12,356	32,317	123,726
Total	50,728	26,725	14,511	9,473	24,752	75,461	123,726
% Fishermen	11.20%	28.02%	99.66%	92.89%	50.08%	57.17%	
1929 Fishermen	0	15,662	8,491	6,634	26,174	56,961	31,881
Companies	36,692	6,903	0	1,706	8,256	16,865	60,454
Total	36,692	22,565	8,491	8,340	34,430	73,826	92,335
% Fishermen	0.00%	69.41%	100.00%	79.54%	76.02%	77.16%	34.53%
1930 Fishermen	1,704	11,493	8,477	2,721	40,092	62,783	19,928
Companies	60,769	695	0	520	7,581	8,796	96,120
Total	62,473	12,188	8,477	3,241	47,673	71,579	116,048
% Fishermen	2.73%	94.30%	100.00%	83.96%	84.10%	87.71%	17.17%
Total ^b Fishermen	9,603	97,021	78,982	35,021	260,244	471,268	145,592
Companies	392,989	57,580	645	10,114	57,823	126,162	514,215
Total	402,592	154,601	79,627	45,135	318,067	597,430	659,807
% Fishermen	2.39%	62.76%	99.19%	77.59%	81.82%	78.88%	22.07%

a. Source: Total fresh/frozen from DBS reports; fresh/frozen prepared by Fishermen from Schedule II forms; Companies fresh/frozen by subtraction.

b. Fraser totals exclude 1925, 1927 and 1928.

Table E16. Working table showing the fresh salmon prepared by fishermen operating in DBS area Separation Point to Nanaimo in 1929. Salmon are listed under "RS" for red spring, "BB" for blueback (small coho), and "Cohoe" for coho. The annual totals for salmon and the other species agree with the annual totals on the Schedule II for this area (Table E 17).

Ladysmith 1929.

	RS	BB	Cohoe	Sturgeon	Pike	Clupea	Salmon	Gray
	ch	ch	ch	ch	ch	ch	ch	ch
Jan								
Feb								20
Mar								20
Apr								20
May	50	50						
June		10						
July	15		28					
Aug	10		30					
Sept	15		25					
Oct								
Nov			10					
Dec	2	60	90	250				
Total	92	60	90	250				
	King	RS	BB	Cohoe	Pike	Clupea	Salmon	Gray
	ch	ch	ch	ch	ch	ch	ch	ch
Jan								
Feb								
Mar	280	20						
Apr	300	10						
May	150	20						
June	300	20						
July	220	20						
Aug	300	20						
Sept	160	20						
Oct	300	20						
Nov	300	20						
Dec	250	20						
Total	2560	190						

Table E17. First page of Schedule II for DBS area Separation Point to Nanaimo. Cwt of salmon and other species prepared by fishermen are the same values as those found in Table E16 (the working table for this area).

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DOMINION BUREAU OF STATISTICS		DEPARTMENT OF MARINE AND FISHERIES (FISHERIES BRANCH)				
FISHERIES STATISTICS						
1929						
SCHEDULE II. SEA FISH AND FISH PRODUCTS MARKETING						
<p>INSTRUCTIONS to Fishery Officer.—In columns 1 and 2 below ("Prepared by Fishermen") are to be entered quantities and values of fish cured or otherwise prepared by fishermen or other persons, except in those establishments from which you have collected Supplemental Schedules. Also, quantities and values of fish marketed for consumption fresh by fishermen, fresh fish buyers, and all other persons except those manufacturers from whom Supplemental Schedules are collected. Do not show fresh or partially prepared fish which were sold to such establishments. All fish and fish products prepared in your port or sub-district, during the year ended December 31, are to be shown, in this schedule, <i>except those prepared in such establishments.</i></p> <p>The term "Used Fresh" in this schedule, is understood to mean fish intended to be consumed fresh. Fish used as bait or fertilizer, or fish sold to any establishment engaged in curing or canning fish, are <i>not to be included</i> opposite the words "Used Fresh."</p> <p>Columns 3, 4, 5 and 6 should be left blank. These columns will be filled in by the Dominion Bureau of Statistics from the Supplemental Schedules as revised by you. Do not include in this schedule any figures from the Supplemental Schedules.</p>						
Fishing Port or Sub-district covered in this report <i>Separation Point to Nanaimo</i>						
County..... Province..... <i>Area 32</i>						
FISH MARKETING	PREPARED BY FISHERMEN		FACTORY PREPARED (Do not fill in)		TOTAL MARKETING (Do not fill in)	
	Quantity Col. 1	Value Col. 2	Quantity Col. 3	Value Col. 4	Quantity Col. 5	Value Col. 6
II.—						
Hallbut, used fresh..... cwt.						
" smoked..... "						
" canned..... cases						
Flounders, brill, plaice, etc..... cwt.						
Skate..... "						
Sole..... "	<i>285</i>	<i>19.95</i>	<i>1</i>			
III.—						
Herring, used fresh..... cwt.	<i>250</i>	<i>7.50</i>	<i>1</i>			
" boneless..... "						
" canned..... cases						
" smoked..... cwt.						
" dry-salted..... "						
" pickled..... bbl.						
" used as bait..... "						
" fertilizer..... "						
" oil..... gal.						
" meal..... ton						
" scales..... cwt.						
Mackerel, used fresh..... cwt.						
" canned..... cases						
" smoked..... cwt.						
" salted..... bbl.						
Sardines, canned..... cases						
" sold fresh and salted..... bbl.						
Pilchards, used fresh..... cwt.						
" canned..... cases						
" used as bait..... bbl.						
" oil..... gal.						
" meal..... ton						
IV.—						
Alwives, used fresh..... cwt.						
" smoked..... "						
" salted..... bbl.						
Bass..... cwt.						
Perch..... "	<i>95</i>	<i>8.65</i>	<i>1</i>			
Salmon, used fresh..... "	<i>242</i>	<i>21.78</i>				
" canned..... cases						
" smoked..... cwt.						
" dry-salted..... "						
" mild cured..... "						
" pickled..... "						

Table E18. Species composition for fresh/frozen salmon and steelhead prepared by fishermen, 1927-1930.^a

Area	Year	Total Weight (cwt)	Percentage Sampled ^b	Sockeye	Pink	Chum	Coho	Chinook	Steelhead	Sum
JOHNSTONE STRAIT	1927	8,283	47.08	0.00	0.00	0.00	91.90	8.10	0.00	100.00
	1928	7,488	85.98	0.00	0.00	0.00	90.40	9.60	0.00	100.00
	1929	15,662	67.68	0.00	0.00	0.00	78.90	21.10	0.00	100.00
	1930	11,493	79.48	1.90	0.00	0.00	61.10	37.00	0.00	100.00
	Weighted Average			0.51	0.00	0.00	78.65	20.84	0.00	100.00
STRAIT OF GEORGIA	1927	13,681	99.99	0.00	0.00	0.00	70.70	29.30	0.00	100.00
	1928	14,461	82.60	0.00	0.00	40.10	26.10	33.80	0.00	100.00
	1929	5,884	99.07	0.00	0.00	0.00	59.70	40.20	0.10	100.00
	1930	11,277	74.02	0.00	0.00	0.00	63.90	36.10	0.00	100.00
	Weighted Average			0.00	0.00	12.80	53.33	33.84	0.03	100.01
JUAN DE FUCA STRAIT	1927	5,228	100.00	0.00	0.00	0.00	5.20	93.60	1.20	100.00
	1928	8,799	100.51	0.00	0.00	0.00	20.90	78.30	0.80	100.00
	1929	6,634	99.65	0.00	0.00	0.00	23.60	75.40	1.00	100.00
	1930	2,721	100.00	0.00	0.00	0.00	9.00	90.80	0.20	100.00
	Weighted Average			0.00	0.00	0.00	16.77	82.35	0.88	100.00
WEST COAST VANCOUVER ISLAND	1927	35,653	84.18	0.00	0.00	15.90	11.60	72.40	0.10	100.00
	1928	13,746	86.05	0.00	0.00	0.00	30.10	69.90	0.00	100.00
	1929	26,174	139.38	0.00	0.00	0.00	36.90	63.10	0.00	100.00
	1930	33,092	110.10	0.00	2.90	1.30	25.60	70.20	0.00	100.00
	Weighted Average			0.00	0.88	5.61	24.30	69.17	0.03	100.00
DISTRICT III	1927	62,845	91.02	0.00	0.00	8.40	36.80	54.70	0.10	100.00
	1928	44,494	87.78	0.00	0.00	12.25	36.74	50.83	0.18	100.00
	1929	54,354	109.51	0.00	0.00	0.00	45.14	54.74	0.12	100.00
	1930	58,583	96.68	0.30	1.90	0.80	36.20	60.80	0.00	100.00
	Weighted Average			0.08	0.51	5.08	38.69	55.55	0.09	100.00

a. Source: Working tables from DMF files 5871-1 to 5871-4; the contents and location of these files are described in Appendix A.

b. This is the percentage of Schedule II fresh/frozen salmon that is represented by fresh/frozen salmon recorded on working tables in DMF files (i.e. "Total Weight" in the table).

Table E19. Percentage species composition of products prepared by fishing companies between 1923 and 1930. Product amounts (in cwt) are sums of annual values.^a

Area	Dry Salted						Pickled						Fresh/Frozen (companies)					
	Pink	Chum	Coho	Chinook	Pink	Chum	Coho	Chinook	Sockeye	Pink	Chum	Coho	Chinook	Coho	Chum	Pink	Chum	Sthd
QUEEN CHARLOTTE	Wt 0	240,078	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% 0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
NASS RIVER	Wt 0	14,689	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% 0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SKEENA RIVER	Wt 1,450	4,948	0	0	257	0	721	3,008	206	7,430	57,626	104,741	112,582	21,096	21,096	21,096	21,096	21,096
	% 22.66%	77.34%	0.00%	0.00%	6.45%	0.00%	18.09%	75.47%	0.07%	2.45%	18.98%	34.49%	37.07%	6.95%	6.95%	6.95%	6.95%	6.95%
NORTH COAST	Wt 0	7,980	0	0	707	0	1,487	1,096	0	1,057	897	17,824	9,831	817	817	817	817	817
	% 0.00%	100.00%	0.00%	0.00%	21.49%	0.00%	45.20%	33.31%	0.00%	3.47%	2.95%	58.58%	32.31%	2.69%	2.69%	2.69%	2.69%	2.69%
RIVERS/SMITH INS.	Wt 0	4,062	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% 0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
DISTRICT II TOTAL	Wt 1,450	257,068	0	0	964	0	2,208	4,104	206	8,487	58,523	122,564	122,414	21,913	21,913	21,913	21,913	21,913
	% 0.56%	99.44%	0.00%	0.00%	13.25%	0.00%	30.34%	56.41%	0.06%	2.54%	17.52%	36.68%	36.64%	6.56%	6.56%	6.56%	6.56%	6.56%
JOHNSTONE STRAIT	Wt 1,429	76,467	48	0	0	0	0	0	0	6,306	27,211	4,622	1,017	1	1	1	1	1
	% 1.83%	98.11%	0.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.10%	69.49%	11.80%	2.60%	0.00%	0.00%	0.00%	0.00%	0.00%
STRAIT of GEORGIA	Wt 768	74,900	0	1,128	0	6,500	0	0	0	0	398	240	7	0	0	0	0	0
	% 1.00%	97.53%	0.00%	1.47%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	61.71%	37.21%	1.09%	0.00%	0.00%	0.00%	0.00%	0.00%
JUAN DE FUCA ^b	Wt 0	4,077	0	100	0	0	0	0	117	1,802	843	1,349	5,113	205	205	205	205	205
	% 0.00%	97.61%	0.00%	2.39%	0.00%	0.00%	0.00%	0.00%	1.24%	19.11%	8.94%	14.31%	54.23%	2.17%	2.17%	2.17%	2.17%	2.17%
W COAST. VAN. IS.	Wt 0	326,346	0	0	0	0	532	3,997	0	404	16,588	10,648	24,362	375	375	375	375	375
	% 0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	11.75%	88.25%	0.00%	0.77%	31.67%	20.33%	46.51%	0.72%	0.72%	0.72%	0.72%	0.72%
DISTRICT III TOTAL	Wt 2,197	481,790	48	1,228	0	6,500	532	3,997	117	8,512	45,040	16,859	30,499	581	581	581	581	581
	% 0.45%	99.28%	0.01%	0.25%	0.00%	58.94%	4.82%	36.24%	0.12%	8.38%	44.33%	16.59%	30.02%	0.57%	0.57%	0.57%	0.57%	0.57%
FRASER R. TOTAL	Wt 19,166	203,882	0	3,767	0	0	230	256	1,040	2,345	31,561	35,875	205,981	3,037	3,037	3,037	3,037	3,037
	% 8.45%	89.89%	0.00%	1.66%	0.00%	0.00%	47.33%	52.67%	0.37%	0.84%	11.28%	12.82%	73.61%	1.09%	1.09%	1.09%	1.09%	1.09%
FRASER R. odd yr	Wt 19,038	75,559	0	3,767	0	0	0	0	0	2,216	15,231	15,437	122,271	1,541	1,541	1,541	1,541	1,541
	% 19.35%	76.82%	0.00%	3.83%	0.00%	0.00%	0.00%	0.00%	0.00%	1.41%	9.66%	9.79%	77.54%	0.98%	0.98%	0.98%	0.98%	0.98%
FRASER R. even yr	Wt 128	128,323	0	0	0	0	0	0	0	129	16,330	20,438	83,710	1,496	1,496	1,496	1,496	1,496
	% 0.10%	99.90%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.11%	13.37%	16.73%	68.53%	1.22%	1.22%	1.22%	1.22%	1.22%
B. C. TOTAL	Wt 22,813	957,429	48	4,995	964	6,500	2,970	8,357	1,363	19,272	146,305	175,238	358,653	30,551	30,551	30,551	30,551	30,551
	% 2.32%	97.17%	0.00%	0.51%	5.13%	34.59%	15.81%	44.47%	0.19%	2.63%	20.00%	23.96%	49.04%	4.18%	4.18%	4.18%	4.18%	4.18%

Table E19. Continued

Area	Smoked				Mild Cured				Bait			
	Pink	Chinook	Stlhd		Pink	Coho	Chinook	Stlhd	Pink	Chum	Coho	Chinook
QUEEN CHARLOTTES	Wt	-	-	-	-	-	-	-	36	0	0	0
%									100.00%	0.00%	0.00%	0.00%
NASS RIVER	Wt	-	-	-	-	-	-	-	-	-	-	-
SKEENA RIVER	Wt	-	-	-	0	2,296	108,123	41	262	0	0	0
%					0.00%	2.08%	97.88%	0.04%	100.00%	0.00%	0.00%	0.00%
NORTH COAST	Wt	-	-	-	0	1,930	10,763	0	2,271	0	0	125
%					0.00%	15.21%	84.79%	0.00%	94.80%	0.00%	0.00%	5.20%
RIVERS/SMITH INS.	Wt	-	-	-	-	-	-	-	-	-	-	-
DISTRICT II TOTAL	Wt	-	-	-	0	4,226	118,885	41	2,569	0	0	125
%					0.00%	3.43%	96.54%	0.03%	95.37%	0.00%	0.00%	4.63%
JOHNSTONE STRAIT	Wt	-	-	-	-	-	-	-	10	0	0	0
%									100.00%	0.00%	0.00%	0.00%
STRAIT of GEORGIA	Wt	-	-	-	-	-	-	-	-	-	-	-
JUAN DE FUCA	Wt	0	204	10	0	1,226	20,819	3	-	-	-	-
%	0.00%	95.33%	4.67%		0.00%	5.56%	94.43%	0.01%				
W COAST. VAN. IS.	Wt	-	-	-	0	1,448	18,569	0	229	6,359	194	41
%					0.00%	7.23%	92.77%	0.00%	3.36%	93.20%	2.84%	0.60%
DISTRICT III TOTAL	Wt	0	204	10	0	2,674	39,388	3	239	6,359	194	41
%	0.00%	95.33%	4.67%		0.00%	6.36%	93.64%	0.01%	3.50%	93.06%	2.84%	0.60%
FRASER R. TOTAL	Wt	105	3,196	0	808	2,045	24,270	0	-	-	-	-
%	3.18%	96.82%	0.00%		2.98%	7.54%	89.48%	0.00%				
B. C. TOTAL	Wt	105	3,400	10	808	8,945	173,277	44	2,808	6,359	194	166
%	2.99%	96.73%	0.28%		0.44%	4.89%	94.65%	0.02%	29.48%	66.75%	2.04%	1.74%

a. Source: Supplemental Schedules.

b. Species composition for Fresh/Frozen salmon by companies were substantially different between odd and even years in Juan de Fuca Strait; odd and (even) year averages were, sockeye 1.90% (0.00%), pink 28.83% (0.93%), chum 13.73% (0.00%), coho 13.07% (16.61%), chinook 40.09% (80.66%), steelhead 2.38% (1.80%).

Table E20. Percentage species composition of pickled and fresh/frozen salmon prepared by fishing companies prior to 1910.^a

Area	Years	Product	Sockeye	Pink	Chum	Coho	Chinook	Steelhd	Sum
QUEEN CHARLOTTE ISLANDS	Before 1901 ^b	Pickled	10.00	0.00	0.00	31.48	58.52	0.00	100.00
	Before 1901 ^b	Fresh/Frozen	0.08	0.00	0.00	45.89	45.83	8.20	100.00
	1901-1909 ^b	Pickled	10.00	11.92	0.00	27.31	50.77	0.00	100.00
NASS RIVER	Before 1901 ^b	Pickled	40.00	0.00	0.00	20.99	39.01	0.00	100.00
	Before 1901 ^b	Fresh/Frozen	0.08	0.00	0.00	45.89	45.83	8.20	100.00
	1901-1909 ^b	Pickled	10.00	11.92	0.00	27.31	50.77	0.00	100.00
SKEENA RIVER	Before 1901	Pickled	40.00	0.00	0.00	11.59	48.41	0.00	100.00
	Before 1901	Fresh/Frozen	0.08	0.00	0.00	43.90	47.18	8.84	100.00
	1901-1909	Pickled	10.00	5.80	0.00	16.28	67.92	0.00	100.00
NORTH COAST	Before 1901	Pickled	40.00	0.00	0.00	34.54	25.46	0.00	100.00
	Before 1901	Fresh/Frozen	0.00	0.00	0.00	62.60	34.53	2.87	100.00
	1901-1909	Pickled	10.00	19.34	0.00	40.68	29.98	0.00	100.00
RIVERS & SMITH INLETS	Before 1901 ^b	Pickled	40.00	0.00	0.00	20.99	39.01	0.00	100.00
	Before 1901 ^b	Fresh/Frozen	0.08	0.00	0.00	45.89	45.83	8.20	100.00
	1901-1909 ^b	Pickled	10.00	11.92	0.00	27.31	50.77	0.00	100.00
JOHNSTONE STRAIT	Before 1901 ^c	Pickled	40.00	0.00	0.00	7.05	52.95	0.00	100.00
	Before 1901	Fresh/Frozen	0.00	0.00	0.00	81.96	18.03	0.02	100.01
	1901-1909 ^c	Pickled	10.00	0.00	0.00	10.57	79.43	0.00	100.00
STRAIT of GEORGIA	Before 1901 ^c	Pickled	40.00	0.00	0.00	7.05	52.95	0.00	100.00
	Before 1901	Fresh/Frozen	0.00	0.00	0.00	97.17	2.83	0.00	100.00
	1901-1909 ^c	Pickled	10.00	0.00	0.00	10.57	79.43	0.00	100.00
JUAN DE FUCA STRAIT	Before 1901 ^c	Pickled	40.00	0.00	0.00	7.05	52.95	0.00	100.00
	Before 1901	Fresh/Frozen	1.72	0.00	0.00	19.89	75.37	3.02	100.00
	1901-1909 ^c	Pickled	10.00	0.00	0.00	10.57	79.43	0.00	100.00
WEST COAST VANCOUVER IS.	Before 1901	Pickled	40.00	0.00	0.00	7.05	52.95	0.00	100.00
	Before 1901	Fresh/Frozen	0.00	0.00	0.00	30.09	68.85	1.06	100.00
	1901-1909	Pickled	10.00	0.00	0.00	10.57	79.43	0.00	100.00
FRASER RIVER TOTAL	Before 1901	Pickled	40.00	0.00	0.00	28.40	31.60	0.00	100.00
	1901-1909	Pickled	10.00	0.00	0.00	42.60	47.40	0.00	100.00
FRASER RIVER odd even	Before 1901	Fresh/Frozen	0.70	0.00	0.00	11.01	87.19	1.10	100.00
	Before 1901	Fresh/Frozen	0.05	0.00	0.00	19.34	79.20	1.41	100.00

a. Source: See Sections 3.2.2 and 3.2.3 in Appendix E.

b. District II averages.

c. District III averages.

Table E21. Percentage species composition of products for the Fraser River, 1930-1944.

Year	Dry Salted				Pickled				Fresh/Frozen (companies)				Fresh/Frozen (fishermen)			
	Sock.	Pink	Chum	Coho	Chin.	Sock.	Pink	Chum	Coho	Chin.	Sock.	Pink	Chum	Coho	Chin.	Sthd.
1930	0.00	0.00	100.00	0.00	0.00	-	-	-	-	-	0.27	0.65	20.98	33.21	42.52	2.37
1931	0.48	34.48	56.06	0.00	8.98	-	-	-	-	-	3.77	2.77	6.73	18.76	66.08	1.89
1932	0.00	0.00	74.86	0.00	25.14	-	-	-	-	-	0.00	3.68	12.81	27.37	51.77	4.37
1933	0.00	35.80	63.84	0.00	0.36	0.00	0.00	72.54	27.46	0.00	0.33	15.25	15.30	18.76	49.04	1.32
1934	0.00	0.00	100.00	0.00	0.00	-	-	-	-	-	0.85	21.09	14.19	29.52	33.93	0.42
1935	0.01	8.74	88.25	0.07	2.93	-	-	-	-	-	3.71	9.66	26.36	19.93	39.73	0.61
1936	0.00	0.00	94.92	0.00	5.08	-	-	-	-	-	18.86	1.30	24.51	19.82	34.23	1.28
1937	0.00	0.00	100.00	0.00	0.00	-	-	-	-	-	0.00	11.64	34.88	12.54	40.29	0.65
1938	0.00	0.00	100.00	0.00	0.00	-	-	-	-	-	1.27	1.02	41.79	13.82	40.86	1.24
1939	-	-	-	-	-	-	-	-	-	-	0.11	4.43	38.26	15.78	40.58	0.84
1940	-	-	-	-	-	-	-	-	-	-	0.03	1.39	47.43	21.09	29.32	0.74
1941	-	-	-	-	-	-	-	-	-	-	0.01	3.15	51.52	16.44	28.57	0.31
1942	-	-	-	-	-	-	-	-	-	-	0.03	0.18	44.26	12.16	42.83	0.54
1943	-	-	-	-	-	-	-	-	-	-	0.00	4.64	44.39	21.67	28.58	0.72
1944	-	-	-	-	-	-	-	-	-	-	0.00	0.64	34.79	33.76	30.22	0.59

Table E21. Continued

Year	Smoked				Mild Cured				Bait			
	Chum	Coho	Chin.	Sthd.	Chum	Coho	Chin.	Sthd.	Pink	Chum	Coho	Chin.
1930	0.00	0.00	100.00	0.00	0.00	0.00	100.00	0.00	-	-	-	-
1931	0.00	0.00	100.00	0.00	0.00	11.89	88.11	0.00	-	-	-	-
1932	0.00	0.00	100.00	0.00	0.00	10.61	89.39	0.00	29.48	66.74	2.04	1.74
1933	0.00	0.00	100.00	0.00	0.00	1.79	98.21	0.00	-	-	-	-
1934	0.00	0.00	100.00	0.00	0.00	0.00	100.00	0.00	-	-	-	-
1935	0.00	0.00	100.00	0.00	0.00	4.48	95.52	0.00	-	-	-	-
1936	0.00	0.00	100.00	0.00	0.00	0.00	100.00	0.00	-	-	-	-
1937	3.87	0.00	96.13	0.00	0.00	0.00	100.00	0.00	-	-	-	-
1938	0.00	0.00	100.00	0.00	0.00	4.94	95.06	0.00	-	-	-	-
1939	-	-	-	-	0.00	0.00	100.00	0.00	-	-	-	-
1940	0.00	0.00	100.00	0.00	0.00	0.00	100.00	0.00	-	-	-	-
1941	0.00	0.00	100.00	0.00	0.00	0.00	100.00	0.00	-	-	-	-
1942	0.00	0.00	100.00	0.00	0.00	0.00	100.00	0.00	-	-	-	-
1943	30.00	0.00	70.00	0.00	2.63	6.58	90.79	0.00	-	-	-	-
1944	64.05	0.00	35.95	0.00	0.00	0.67	99.33	0.00	-	-	-	-

Table E22. Species composition for fresh-frozen salmon prepared by fishermen, 1945-1947.^a

Area	Year	Total (cwt)	Sockeye %	Pink %	Chum %	Coho %	Chinook %	Stlhd %	Sum %
JOHNSTONE STR	1945	144	0.00	4.86	19.44	28.47	47.23	0.00	100.00
JOHNSTONE STR	1946	132	0.00	1.52	17.42	20.45	60.61	0.00	100.00
JOHNSTONE STR	1947	222	3.15	0.00	3.15	4.05	89.65	0.00	100.00
	Weighted Average		1.40	1.81	11.64	15.46	69.69	0.00	100.00
STR of GEORGIA	1945	2,040	0.29	0.64	3.58	43.53	51.96	0.00	100.00
STR of GEORGIA	1946	2,049	0.83	0.00	9.13	39.04	51.00	0.00	100.00
STR of GEORGIA	1947	1,305	0.23	0.92	3.37	48.43	47.05	0.00	100.00
	Weighted Average		0.48	0.46	5.64	43.01	50.41	0.00	100.00
JUAN DE FUCA STR	1945	302	0.00	0.99	0.00	46.69	52.32	0.00	100.00
JUAN DE FUCA STR	1946	135	0.00	0.00	0.00	22.22	77.78	0.00	100.00
JUAN DE FUCA STR	1947	5,779	0.00	0.83	43.66	7.49	46.69	1.33	100.00
	Weighted Average		0.00	0.82	40.59	9.71	47.64	1.24	100.00
WEST COAST VAN IS	1945	1,172	1.02	0.00	6.83	20.65	71.50	0.00	100.00
WEST COAST VAN IS	1946	2,504	1.24	0.00	9.27	48.04	41.45	0.00	100.00
WEST COAST VAN IS	1947	1,866	0.27	0.38	0.00	36.92	62.43	0.00	100.00
	Weighted Average		0.87	0.13	5.63	38.50	54.87	0.00	100.00
DISTRICT III	1945	3,658	0.49	0.63	4.95	35.87	58.06	0.00	100.00
DISTRICT III	1946	4,820	1.00	0.04	9.17	42.74	47.05	0.00	100.00
DISTRICT III	1947	9,172	0.16	0.73	28.06	19.22	50.99	0.84	100.00
	Weighted Average		0.46	0.52	18.11	29.09	51.38	0.44	100.00
FRASER RIVER	1945	17,022	2.54	0.46	0.99	17.55	76.79	1.67	100.00
FRASER RIVER	1946	7,155	15.37	0.00	39.13	14.68	27.68	3.14	100.00
FRASER RIVER	1947	6,076	2.47	40.21	32.59	9.02	14.06	1.65	100.00
	Weighted Average		5.56	8.33	16.36	15.16	52.58	2.01	100.00

a. Source: Schedule IIs.

Table E23. Average species composition for fresh/frozen salmon and steelhead prepared by fishermen.^a

Area	Year	Total (cwt)	Sockeye %	Pink %	Chum %	Coho %	Chinook %	Stlhd %	Sum
JOHNSTONE STR	1927-1930	42,926	0.51	0.00	0.00	78.65	20.84	0.00	100.00
JOHNSTONE STR	1945-1947	498	1.40	1.81	11.64	15.46	69.69	0.00	100.00
	Average %		0.96	0.90	5.82	47.06	45.27	0.00	100.01
STR of GEORGIA	1927-1930	45,303	0.00	0.00	12.80	53.33	33.84	0.03	100.01
STR of GEORGIA	1945-1947	5,394	0.48	0.46	5.64	43.01	50.41	0.00	100.00
	Average %		0.24	0.23	9.22	48.18	42.13	0.01	100.01
JUAN DE FUCA STR	1927-1930	23,382	0.00	0.00	0.00	16.77	82.35	0.88	100.00
JUAN DE FUCA STR	1945-1947	6,216	0.00	0.82	40.59	9.71	47.64	1.24	100.00
	Average %		0.00	0.41	20.30	13.24	65.00	1.06	100.01
WEST COAST VAN IS	1927-1930	108,665	0.00	0.88	5.61	24.30	69.17	0.03	100.00
WEST COAST VAN IS	1945-1947	5,542	0.87	0.13	5.63	38.50	54.87	0.00	100.00
	Average %		0.43	0.51	5.62	31.40	62.02	0.01	99.99
DISTRICT III	1927-1930	220,276	0.08	0.51	5.08	38.69	55.55	0.09	100.00
DISTRICT III	1945-1947	17,650	0.46	0.52	18.11	29.09	51.38	0.44	100.00
	Average %		0.27	0.52	11.60	33.89	53.46	0.26	100.00
FRASER RIVER	1927-1930				Not Available				
FRASER RIVER	1945-1947	30,253	5.56	8.33	16.36	15.16	52.58	2.01	100.00

a. Source: Tables E18 and E22.

Table E24. Assignment of canneries to catch areas.

To determine the species composition of the DMF/DBS published canned packs for each of our ten areas from 1904 to 1929 we used the canned pack data for individual canneries. These data were available by species for each cannery from a variety of sources: DMF Annual Reports for 1901 to 1909 (Anonymous 1868-1913), Annual Reports of the Fisheries Commissioner for British Columbia (FCBC) for 1902, 1903, 1906-1911, 1913-1923 and 1925-1929 (Anonymous 1902-1930), and Pacific Fisherman Yearbooks (PFY) for 1901-1929 (Anonymous 1902-1950). To use these data on an area basis we had to determine which area each cannery was located in. We used information in the aforementioned sources, but could not have completed this task without the publications by Cobb (1930) and Lyons (1969). These authors wrote at length about locations and operating periods of individual canneries, and described changes to company names as a result of mergers, take-overs and relocations. The Cannery Database that follows lists our assignments of the canneries to areas, by year; original spellings have been maintained.

These data, aggregated by area, were used as samples on which to base an apportionment among species of published DMF/DBS figures for total canned pack by area. Tables in the main text showing the canned pack by area give the ratio of the species composition sample to the published total pack ("Sample/Total" in the tables).

Year	Area	Cannery	Year	Area	Cannery
1901	Queen Charlotte Islands	Skidegate	1901	Fraser River (cont.)	Greenwood
"	Naas River	Mill Bay	"	"	Gulf of Georgia
"		Naas Harbour	"	"	Harlock
"	Skeena River	Balmoral	"	"	Humes
"	"	British-American	"	"	Imperial
"	"	Carlisle	"	"	Industrial
"	"	Claxton	"	"	London
"	"	Herman's	"	"	National
"	"	Inverness	"	"	Pacific Coast
"	"	Ladysmith	"	"	Phoenix
"	"	N. Pacific	"	"	Premier
"	"	Skeena	"	"	Provincial
"	"	Standard	"	"	Richmond
"	"	Windsor	"	"	Scottish-Canadian
"	North Coast	Bella Bella	"	"	St. Mungo
"	"	Kimsquit	"	"	Star
"	"	Lowe Inlet	"	"	Terra Nova
"	"	Namu	"	"	Vancouver
"	"	Princess Royal	"	"	Wadham's
"	"	Brunswick III	"	"	Wellington
"	Rivers Inlet	Good Hope	"	"	Westham Is.
"	"	Rivers Inlet	"	"	Westminster Packing Co.
"	"	Vancouver	1902	Queen Charlotte Islands	Skidegate
"	"	Victoria	"	Naas River	Mill Bay
"	"	Wadhams	"	"	Naas Harbour
"	"	Wannuck	"	Skeena River	Aberdeen B.C.C. Co.
"	"	Alert Bay	"	"	B.C. Packers Balmoral
"	Johnstone Strait	Clayquot	"	"	B.C. Packers Cunningham
"	W. Coast Vancouver Island	Acme	"	"	B.C. Packers Standard
"	Fraser River	Albion	"	"	Carlyle
"	"	Alliance	"	"	Claxton, Wallace Bros
"	"	Anglo-American	"	"	Hermans
"	"	Atlas	"	"	Inverness, Todd & Sons
"	"	Beaver	"	"	N. Pacific A.B.C. CO.
"	"	Birrel's	"	"	Pearces
"	"	Bortiller	"	"	Turnbull's
"	"	Britannia	"	North Coast	Bella Bella
"	"	British American	"	"	China Hat
"	"	Brunswick (No. 1)	"	"	Kimsquit
"	"	Brunswick (No. 2)	"	"	Lowe Inlet
"	"	Canadian Pacific	"	"	Namu, R. Draney
"	"	Canoe Pass	"	Rivers Inlet	Brunswick III
"	"	Celtic	"	"	Good Hope, A.B.C. Co.
"	"	Cleeve	"	"	Hickey's
"	"	Colonial	"	"	R.I.'s Victoria, B.C.C.C.
"	"	Currie & McWilliams	"	"	Wadhams
"	"	Deas Island	"	"	Wannuck
"	"	Delta	"	Johnstone Strait	Alert Bay
"	"	Dinsmore Island	"	W. Coast Vancouver Island	Clayquot
"	"	English Bay	"	Fraser River	Acme
"	"	Ewens	"	"	Albion
"	"	Federation	"	"	Alliance
"	"	Fishermens	"	"	Anglo-American
"	"	Fraser River	"	"	Atlas
"	"	Great Northern	"	"	Beaver

Year	Area	Cannery	Year	Area	Cannery
1902	Fraser River (cont.)	Birrel's	1903	Rivers Inlet (cont.)	BCP Wadhams
"	"	Britannia	"	"	Good Hope, A.B.C. Co.
"	"	British-American	"	"	R.I.'s Victoria, B.C.C.C.
"	"	Brunswick (No. 1)	"	"	Smith Inlet
"	"	Brunswick (No. 2)	"	Johnstone Strait	B.C. Packers Alert Bay
"	"	Canadian Pacific	"	W. Coast Vancouver Island	Alberni Packing Co.
"	"	Canoe Pass	"	"	Clayquot Canning Co.
"	"	Celtic	"	Fraser River	Acme
"	"	Cleeve	"	"	Albion
"	"	Colonial	"	"	Anglo-American
"	"	Currie's	"	"	Atlas
"	"	Deas Island	"	"	B.B. & Canoe Pass
"	"	Delta	"	"	Beaver
"	"	Dinsmore	"	"	Birrell's
"	"	Eagle Harbor	"	"	Britannia
"	"	English Bay	"	"	Brunswick (No. 1)
"	"	Ewen's	"	"	Canadian Pacific
"	"	Fraser River	"	"	Celtic
"	"	Great Northern	"	"	Cleeve
"	"	Greenwood	"	"	Colonial
"	"	Gulf of Georgia	"	"	Currie's
"	"	Hume	"	"	Deas Island
"	"	Imperial	"	"	Dinsmore
"	"	Industrial	"	"	Eagle Harbor
"	"	Lighthouse	"	"	English Bay
"	"	Pacific Coast	"	"	Ewen's
"	"	Phoenix	"	"	Fraser River
"	"	Provincial	"	"	Great Northern
"	"	Richmond	"	"	Gulf of Georgia
"	"	Scottish Canadian	"	"	Imperial
"	"	St. Mungo	"	"	Industrial
"	"	Star	"	"	Lighthouse
"	"	Terra Nova	"	"	Pacific Coast
"	"	Vancouver	"	"	Phenic
"	"	Wadhams	"	"	Richmond
"	"	Westminster	"	"	Scottish Canadian
1903	Queen Charlotte Islands	Skidegate	"	"	St. Mungo
"	Naas River	Mill Bay	"	"	Star
"	"	Naas Harbour	"	"	Terra Nova
"	"	P.N. Packing Co.	"	"	Vancouver
"	Skeena River	B.A. & North Pacific	"	"	Wadhams
"	"	B.C. Canning Co. Oceanic	"	"	Westminster
"	"	B.C. Packers Balmoral	1904	Naas River	Fed. Brand Salmon Canning Co. Nass Harbour
"	"	B.C. Packers Cunningham	"	"	Fed. Brand Salmon Canning Co. Mill Bay
"	"	B.C. Packers Standard	"	"	Pacific Northern Packing Co.
"	"	Carlisle Canning Co.	"	Skeena River	Alexandria Canning Co. Ltd.
"	"	Cassiar Packing Co.	"	"	Anglo B.C. Packing Co. B.A. & N. Pacific
"	"	Claxton, Wallace Bros	"	"	B.C. Canning Co. Ltd.
"	"	Inverness, Todd & Sons	"	"	B.C. Packers Balmoral
"	"	P. Herman & Co.	"	"	B.C. Packers Cunninghams
"	North Coast	Bella Coola	"	"	Carlisle Canning Co. Ltd.
"	"	Kimsquit	"	"	Cassiar Packing Co.
"	"	Lowe Inlet	"	"	J.H. Todd & Sons
"	"	Namu	"	"	Phillip Jacobsen
"	Rivers Inlet	BCP Brunswick	"	"	Skeena River Com. Co. Ltd.

Year	Area	Cannery	Year	Area	Cannery
1904	Skeena River (cont.)	Wallace Bros. Ltd.	1905	Rivers Inlet (cont.)	Wm. Hickey Canning Co.
"	North Coast	B.C. Packers Assoc. Lowe Inlet	"	Johnstone Strait	B.C. Packers Assoc.
"	"	B.C. Packers Assoc. Bella Coola	"	"	Quathiaski
"	"	R. Draney Kimsquit	"	Juan de Fuca Strait	J.H. Todd & Sons
"	"	R. Draney Namu	"	W. Coast Vancouver Island	"Alberni District"
"	Rivers Inlet	A.B.C. Packing Co. Ltd.	"	"	Clayoquot S.C. Co. Ltd.
"	"	B.C. Canning Co. Ltd.	"	Fraser River	A.B.C. Packing Co. Ltd. Canoe Pass
"	"	B.C. Packers Brunswick	"	"	A.B.C. Packing Co. Ltd. Steveston
"	"	B.C. Packers Wadham's	"	"	A.B.C. Packing Co. Ltd. Westminster
"	"	Wm. Hickey Canning Co. Ltd.	"	"	B.C. Canning Co. Ltd.
"	Johnstone Strait	B.C. Packers Assoc.	"	"	B.C. Packers Assoc. Canoe Pass
"	"	Pidcock Bros.	"	"	B.C. Packers Assoc. North Arm
"	W. Coast Vancouver Island	Alberni Packing Co.	"	"	B.C. Packers Assoc. Steveston
"	"	Clayoquot Sd. Canning Co.	"	"	B.C. Packers Assoc. New Westminster
"	Fraser River	Anglo-B.C. B.A. & Canoe Pass	"	"	Burrard Canning Co.
"	"	Anglo-B.C. Britannia-Phoenix	"	"	Buttimer & Dawson
"	"	B.C. Canning Co. Ltd.	"	"	C.S. Windsor
"	"	B.C. Packers Acme	"	"	Canadian Canning Co. Ltd. North Arm
"	"	B.C. Packers Albion	"	"	Canadian Canning Co. Ltd. Steveston
"	"	B.C. Packers Brunswick	"	"	Federation B.S.C. Co. Ltd.
"	"	B.C. Packers Canadian Pacific	"	"	J.H. Todd & Sons North Arm
"	"	B.C. Packers Celtic	"	"	J.H. Todd & Sons Steveston
"	"	B.C. Packers Currie's	"	"	Malcolm, Cannon & Co. Steveston
"	"	B.C. Packers Ewen's	"	"	Malcolm, Cannon & Co. Vancouver
"	"	B.C. Packers Imperial	"	"	National Packing Co. Ltd.
"	"	B.C. Packers Pacific Coast	"	"	Northern Canning Co. Ltd.
"	"	B.C. Packers Terra Nova	"	"	Peter Birrell
"	"	Can. Canning Co. Ltd. Van.	"	"	St. Mungo Canning Co. Ltd.
"	"	Canadian Canning Co. Ltd. Star	"	"	Steveston Canning Co.
"	"	Great Northern Cannery	"	"	Vancouver Fish & Can. Co.
"	"	J.H. Todd & Sons Beaver	1906	Naas River	Federation B.S. Can. Co. Ltd.
"	"	J.H. Todd & Sons Richmond	"	"	John Wallace
"	"	Malcolm-Cannon G'f of Georgia	"	"	Port Nelson C. & S. Co. Ltd.
"	"	Malcolm-Cannon Scottish Can.	"	Skeena River	Alexandria Packing Co. Ltd.
"	"	National Packing Co. Ltd.	"	"	Anglo. B.C. Packing Co.
"	"	St. Mungo Canning Co.	"	"	B.C. Canning Co. Ltd
"	"	Windsor	"	"	B.C. Packers Assoc.
1905	Naas River	Federation B.S.C. Co.	"	"	Cassiar Packing Co. Ltd.
"	"	John Wallace	"	"	Dawson & Buttimer
"	"	Pt. Nelson C. & S. Co. Ltd.	"	"	J.H. Todd & Sons
"	Skeena River	A.B.C. Packing Co. Ltd.	"	"	Malcolm, Cannon & Co.
"	"	Alexandria Canning Co. Ltd.	"	"	Skeena River Commercial Co. Ltd
"	"	B.C. Canning Co. Ltd.	"	"	Village Island Canning Co.
"	"	B.C. Packers Assoc.	"	"	Wallace Bros. Packing Co. Ltd.
"	"	Cassiar Packing Co.	"	North Coast	B.C. Packers Assoc. Lowe Inlet
"	"	J.H. Todd & Sons	"	"	B.C. Packers Assoc. Bella Coola
"	"	Skeena River Com. Co. Ltd.	"	"	Robert Draney
"	"	Trustees Ladysmith C. Co.	"	Rivers Inlet	Anglo. B.C. Packing Co.
"	"	Wallace Bros. P. Co. Ltd.	"	"	B.C. Canning Co. Ltd
"	North Coast	B.C. Packers Assoc. Bella Coola	"	"	B.C. Packers Assoc.
"	"	B.C. Packers Assoc. Lowe Inlet	"	"	Dawson & Buttimer
"	"	Robert Draney	"	"	J.H. Todd & Sons
"	Rivers Inlet	A.B.C. Packing Co. Ltd.	"	"	Strathcona Packing Co. Ltd.
"	"	B.C. Canning Co. Ltd.	"	"	Wm. Hickey Canning Co. Ltd.
"	"	B.C. Packers Assoc.	"	Johnstone Strait	B.C. Packers Assoc.

Year	Area	Cannery	Year	Area	Cannery
1906	Johnstone Strait (cont.)	T.E. Atkins	1907	Rivers Inlet (cont.)	Strathcona Packing Co.
"	Georgia Strait	P.H. Alder	"	Johnstone Strait	R.E. Gosse
"	Juan de Fuca Strait	Capital City Canning Co.	"	"	T.E. Atkins
"	"	J.H. Todd & Sons	"	Georgia Strait	P.H. Alder
"	W. Coast Vancouver Island	Alberni Packing Co. Ltd.	"	Juan de Fuca Strait	Capital City Canning Co. Ltd.
"	Fraser River	Clayoquot Snd. Fishing Co.	"	W. Coast Vancouver Island	Alberni Packing Co.
"	"	Anglo B.C. Packing Co. Canoe Pass	"	"	Clayoquot Snd. Fishing Co. Ltd.
"	"	Anglo B.C. Packing Co. Steveston	"	"	Dawson & Buttimer
"	"	B.C. Canning Co. Ltd.	"	Fraser River	A.B.C. Packing Co. Ltd.
"	"	B.C. Packers Assoc. Canoe Pass	"	"	B.C. Canning Co. Ltd.
"	"	B.C. Packers Assoc. North Arm	"	"	B.C. Packers Assoc.
"	"	B.C. Packers Assoc. Steveston	"	"	Burrard Can. Co. Ltd.
"	"	B.C. Packers Assoc. New Westminster	"	"	Canadian Can. Co. Ltd.
"	"	Burrard Canning Co.	"	"	Great West Packing Co. Ltd.
"	"	Canadian Canning Co. North Arm	"	"	J.H. Todd & Sons
"	"	Canadian Canning Co. Steveston	"	"	J.J. Mulhall
"	"	George Wilson	"	"	Malcolm, Cannon & Co.
"	"	Great West Packing Co.	"	"	Northern Canning Co. Ltd.
"	"	J.H. Todd & Sons	"	"	St. Mungo Canning Co. Ltd.
"	"	J.J. Mulhall	"	"	Steveston Canning Co. Ltd.
"	"	Lee Coy	"	"	Unique Canning Co. Ltd.
"	"	Malcom Cannon & Co.	1908	Naas River	John Wallace
"	"	Northern Canning Co.	"	"	Kincolith Packing Co. Ltd.
"	"	Nye Canning Co.	"	"	Pt. Nelson C & S. Co. Ltd.
"	"	Peter Birrel	"	Skeena River	A.B.C. Packing Co. Ltd.
"	"	Royal Packing Co.	"	"	B.C. Canning Co. Ltd.
"	"	St. Mungo Canning Co. Ltd.	"	"	B.C. Packers Assoc.
"	"	Steveston Canning Co.	"	"	Cassiar Packing Co. Ltd.
"	"	Unique Canning Co. Ltd.	"	"	Grenville Packing Co. Ltd.
"	"	QCIS	"	"	J.H. Todd & Sons
1907	Queen Charlotte Islands	Federation B.S.C. Co. Ltd	"	"	Kildala Packing Co. Ltd.
"	Naas River	John Wallace	"	"	Malcolm, Cannon & Co.
"	"	Pt. Nelson C & S. Co. Ltd.	"	"	Skeena River Commercial Co. Ltd
"	Skeena River	A.B.C. Packing Co. Ltd.	"	"	Wallace Bros. Ltd.
"	"	Alexandria Packing Co. Ltd.	"	North Coast	Bella Coola
"	"	B.C. Canning Co. Ltd	"	"	Kimsquit
"	"	B.C. Packers Assoc.	"	"	Lowie Inlet
"	"	Cassiar Packing Co. Ltd.	"	"	Manitou
"	"	Dawson & Buttimer	"	"	Namu
"	"	J.H. Todd & Sons	"	Rivers Inlet	A.B.C. Packing Co. Ltd.
"	"	Malcolm, Cannon & Co.	"	"	B.C. Canning Co. Ltd
"	"	Skeena River Commercial Co.	"	"	B.C. Packers Assoc.
"	"	Village Island	"	"	J.H. Todd & Sons
"	"	Wallace Bros. Ltd.	"	"	Kildala Packing Co. Ltd.
"	North Coast	Bella Coola	"	"	Smith's Inlet
"	"	Kimsquit	"	"	Strathcona Packing Co.
"	"	Lowie Inlet	"	Johnstone Strait	B.C. Packers Assoc.
"	"	Manitou	"	"	Quathiaski Packing Co.
"	"	Namu	"	"	R.E. Gosse
"	Rivers Inlet	A.B.C. Packing Co. Ltd.	"	Juan de Fuca Strait	J.H. Todd & Sons (Esquimalt)
"	"	B.C. Canning Co. Ltd	"	W. Coast Vancouver Island	Alberni Packing Co.
"	"	B.C. Packers Assoc.	"	"	Clayoquot S. Packing Co.
"	"	Dawson & Buttimer	"	Fraser River	A.B.C. Packing Co. Ltd.
"	"	J.H. Todd & Sons	"	"	B.C. Packers Assoc.
"	"	Smith's Inlet	"	"	Canadian Can. Co. Ltd.

Year	Area	Cannery	Year	Area	Cannery
1908	Fraser River (cont.)	J.H. Todd & Sons	1910	Skeena River (cont.)	Cassiar Packing Co. Ltd.
"	"	Lee Coy	"	"	J.H. Todd & Sons
"	"	St. Mungo Canning Co. Ltd.	"	"	Kildala Packing Co. Ltd.
"	"	Unique Canning Co. Ltd.	"	"	Skeena River Commercial Co. Ltd
1909	Naas River	John Wallace	"	"	Wallace Bros. Ltd.
"	"	Kincolith Packing Co. Ltd.	"	North Coast	Kildala Packing Co. Ltd.
"	"	Pt. Nelson C.& S. Co. Ltd.	"	"	Robert Draney
"	"	A.B.C. Packing Co. Ltd.	"	Rivers Inlet	A.B.C. Packing Co. Ltd.
"	"	B.C. Canning Co. Ltd	"	"	B.C. Packers Assoc.
"	"	B.C. Packers Assoc.	"	"	B.C. Packers Assoc.
"	"	Cassiar Packing Co. Ltd.	"	"	J.H. Todd & Sons
"	"	J.H. Todd & Sons	"	"	Kildala Packing Co. Ltd.
"	"	Kildala Packing Co. Ltd.	"	"	Strathcona Packing Co.
"	"	Skeena River Commercial Co.	"	"	Wm. Hickey Canning Co. Ltd.
"	"	Wallace Bros. Ltd.	"	Johnstone Strait	Knight Inlet Canning Co. Ltd.
"	North Coast	Bella Coola	"	"	Quathiaski Packing Co.
"	"	Kimsquit	"	Juan de Fuca Strait	J.H. Todd & Sons (Esquimalt)
"	"	Lowe Inlet	"	W. Coast Vancouver Island	Alberni Packing Co. Ltd.
"	"	Manitou	"	"	Clayoquot S. Packing Co.
"	"	Namu	"	Fraser River	A.B.C. Packing Co. Ltd.
"	"	A.B.C. Packing Co. Ltd.	"	"	B.C. Canning Co. Ltd
"	Rivers Inlet	B.C. Canning Co. Ltd	"	"	B.C. Packers Assoc.
"	"	B.C. Packers Assoc.	"	"	Canadian Can. Co. Ltd.
"	"	J.H. Todd & Sons	"	"	Great West Packing Co. Ltd.
"	"	Kildala Packing Co. Ltd.	"	"	J.H. Todd & Sons
"	"	Strathcona Packing Co.	"	"	Les Coy
"	"	Wm. Hickey Canning Co. Ltd.	"	"	M. DesBrisay & Co.
"	Johnstone Strait	B.C. Packers Assoc.	"	"	Malcolm, Cannon & Co.
"	"	Quathiaski Canning Co.	"	"	Northern Canning Co. Ltd.
"	"	B.C. Canning Co. (Capital City)	"	"	St. Mungo Canning Co. Ltd.
"	Juan de Fuca Strait	J.H. Todd & Sons (Esquimalt)	"	"	The Glen Rose Canning Co. Ltd.
"	"	Clayoquot S. Packing Co.	"	"	Unique Canning Co. Ltd.
"	W. Coast Vancouver Island	A.B.C. Packing Co. Ltd.	1911	Naas River	A.B.C. Packing Co. Ltd.
"	Fraser River	B.C. Canning Co. Ltd	"	"	Canadian Can. Co. Ltd.
"	"	B.C. Packers Assoc.	"	"	Kincoeth Packing Co. Ltd.
"	"	Burrard Canning Co. Ltd.	"	"	M. DesBrisay & Co.
"	"	Canadian Can. Co. Ltd.	"	Skeena River	A.B.C. Packing Co. Ltd.
"	"	Eagle Harbour Canning Co. Ltd.	"	"	B.C. Canning Co. Ltd
"	"	Great West Packing Co. Ltd.	"	"	B.C. Packers Assoc.
"	"	J.H. Todd & Sons	"	"	Cassiar Packing Co. Ltd.
"	"	Kildala Packing Co. Ltd.	"	"	J.H. Todd & Sons
"	"	Knight Inlet Canning Co. Ltd.	"	"	Kildala Packing Co. Ltd.
"	"	M. DesBrisay & Co.	"	"	Skeena River Commercial Co. Ltd
"	"	Malcolm, Cannon & Co.	"	"	Wallace Fisheries Ltd
"	"	Northern Canning Co. Ltd.	"	North Coast	John Wallace
"	"	St. Mungo Canning Co. Ltd.	"	"	Kildala Packing Co. Ltd.
"	"	The Glen Rose Can'g Co. Ltd.	"	"	Robert Draney
"	"	Unique Canning Co. Ltd.	"	Rivers Inlet	A.B.C. Packing Co. Ltd.
"	"	Federation B.S. Canning Co. Ltd	"	"	B.C. Canning Co. Ltd
1910	Naas River	John Wallace	"	"	B.C. Packers Assoc.
"	"	Kincoeth Packing Co. Ltd.	"	"	J.H. Todd & Sons
"	"	Pt. Nelson C.& S. Co. Ltd.	"	"	Kildala Packing Co. Ltd.
"	"	A.B.C. Packing Co. Ltd.	"	"	Strathcona Packing Co.
"	Skeena River	B.C. Canning Co. Ltd	"	"	Wm. Hickey Canning Co. Ltd.
"	"	B.C. Packers Assoc.	"	"	A.B.C. Packing Co. Ltd.

Year	Area	Cannery	Year	Area	Cannery
1911	Johnstone Strait (cont.)	B.C. Packers Assoc.	1912	Fraser River (cont.)	The Glen Rose Canning Co. Ltd.
"	"	Quathiaski Packing Co.	1913	Queen Charlotte Islands	B.C. Fisheries Ltd.
"	Juan de Fuca Strait	J.H. Todd & Sons (Esquimalt)	"	"	A.B.C. Packing Co. Ltd.
"	W. Coast Vancouver Island	Clayoquot S. Packing Co.	"	"	B.C. Packers Assoc.
"	"	Wallace Fisheries Ltd	"	"	Kincolesh Packing Co. Ltd.
"	Fraser River	A.B.C. Packing Co. Ltd.	"	"	M. DesBrisay & Co.
"	"	B.C. Canning Co. Ltd	"	Skeena River	A.B.C. Packing Co. Ltd.
"	"	B.C. Packers Assoc.	"	"	B.C. Canning Co. Ltd
"	"	C.S. Windsor (Lighthouse)	"	"	B.C. Packers Assoc.
"	"	Canadian Can. Co. Ltd.	"	"	Canadian Fish & Cold Storage Co
"	"	Great West Packing Co. Ltd.	"	"	Cassiar Packing Co. Ltd.
"	"	J.H. Todd & Sons	"	"	J.H. Todd & Sons
"	"	M. DesBrisay & Co.	"	"	Kildala Packing Co. Ltd.
"	"	St. Mungo Canning Co. Ltd.	"	"	Skeena River Commercial Co. Ltd
"	"	The Glen Rose Canning Co. Ltd.	"	"	Wallace Fisheries Ltd
"	"	Windsor Co. Ltd	"	North Coast	Draney Fisheries Ltd.
1912	Queen Charlotte Islands	B.C. Fisheries Ltd.	"	"	E. Bella Bella Packing Co. Ltd.
"	Naas River	A.B.C. Packing Co. Ltd.	"	"	John Wallace
"	"	B.C. Packers Assoc.	"	"	Kildala Packing Co. Ltd.
"	"	Kincolesh Packing Co. Ltd.	"	Rivers Inlet	A.B.C. Packing Co. Ltd.
"	"	M. DesBrisay & Co.	"	"	B.C. Canning Co. Ltd
"	Skeena River	A.B.C. Packing Co. Ltd.	"	"	B.C. Packers Assoc.
"	"	B.C. Canning Co. Ltd	"	"	J.H. Todd & Sons
"	"	B.C. Packers Assoc.	"	"	Kildala Packing Co. Ltd.
"	"	Cassiar Packing Co. Ltd.	"	"	Wallace Fisheries Ltd Rivers Inlet
"	"	J.H. Todd & Sons	"	"	Wallace Fisheries Ltd Smith Inlet
"	"	Kildala Packing Co. Ltd.	"	Johnstone Strait	A.B.C. Packing Co. Ltd.
"	"	Skeena River Commercial Co. Ltd	"	"	Quathiaski Packing Co.
"	"	Wallace Fisheries Ltd	"	Georgia Strait	Jervis Inlet Canning Co. Ltd.
"	North Coast	Draney Fisheries Ltd.	"	Juan de Fuca Strait	B.C. Canning Co. Ltd.(Victoria)
"	"	E. Bella Bella Packing Co. Ltd.	"	"	J.H. Todd & Sons (Esquimalt)
"	"	John Wallace	"	W. Coast Vancouver Island	Clayoquot S. Can. Co. Ltd.
"	"	Kildala Packing Co. Ltd.	"	"	Wallace Fisheries Ltd
"	"	A.B.C. Packing Co. Ltd.	"	Fraser River	A.B.C. Packing Co. Ltd.
"	"	B.C. Canning Co. Ltd	"	"	B.C. Canning Co. Ltd
"	"	B.C. Packers Assoc.	"	"	B.C. Packers Assoc.
"	"	J.H. Todd & Sons	"	"	Canadian Can. Co. Ltd.
"	"	Kildala Packing Co. Ltd.	"	"	English Fisheries Ltd.
"	"	Wallace Fisheries Ltd Rivers Inlet	"	"	Gosse-Millard Can. Co. Ltd.
"	"	Wallace Fisheries Ltd Smith Inlet	"	"	Great West Packing Co. Ltd.
"	"	A.B.C. Packing Co. Ltd.	"	"	J.H. Todd & Sons
"	"	Quathiaski Packing Co.	"	"	Jervis Inlet Can. Co. Ltd.
"	Johnstone Strait	Jervis Inlet Canning Co. Ltd.	"	"	Kildala Packing Co. Ltd.
"	Georgia Strait	J.H. Todd & Sons (Esquimalt)	"	"	M. DesBrisay & Co.
"	Juan de Fuca Strait	Clayoquot S. Can. Co. Ltd.	"	"	Scottish Can. Canning Co. Ltd.
"	W. Coast Vancouver Island	A.B.C. Packing Co. Ltd.	"	"	St. Mungo Canning Co. Ltd.
"	Fraser River	B.C. Canning Co. Ltd	"	"	Steveston Canning Co.
"	"	B.C. Packers Assoc.	"	"	The Glen Rose Canning Co. Ltd.
"	"	Canadian Can. Co. Ltd.	"	Naas River	Anglo B.C. Packing Co. Ltd.
"	"	Great West Packing Co. Ltd.	"	"	B.C. Packers Assoc.
"	"	J.H. Todd & Sons	"	"	Kincolesh Packing Co. Ltd.
"	"	M. DesBrisay & Co.	"	"	M. DesBrisay & Co.
"	"	Percival And Windsor	"	Skeena River	Anglo B.C. Packing Co. Ltd.
"	"	Scottish Can. Canning Co. Ltd.	"	"	B.C. Canning Co. Ltd
"	"	St. Mungo Canning Co. Ltd.	"	"	B.C. Packers Assoc.

Year	Area	Cannery
1914	Skeena River (cont.)	Canadian Fish & Cold Storage Co
"	"	Cassiar Packing Co. Ltd.
"	"	J.H. Todd & Sons
"	"	Kildala Packing Co. Ltd.
"	"	Skeena River Commercial Co. Ltd
"	"	Wallace Fisheries Ltd
"	North Coast	Draney Fisheries Ltd.
"	"	E. Bella Bella Packing Co. Ltd.
"	"	John Wallace
"	"	Kildala Packing Co. Ltd.
"	"	Anglo B.C. Packing Co. Ltd.
"	Rivers Inlet	B.C. Canning Co. Ltd.
"	"	B.C. Packers Assoc.
"	"	J.H. Todd & Sons
"	"	Kildala Packing Co. Ltd.
"	"	Wallace Fisheries Ltd
"	Johnstone Strait	Anglo B.C. Packing Co. Ltd.
"	"	Gilford Fish Co. Ltd.
"	"	Goletas Fish Co. Ltd.
"	"	Quathiaski Canning Co. Ltd.
"	"	Nanaimo Canning Co. Ltd.
"	Georgia Strait	J.H. Todd & Sons (Esquimalt)
"	Juan de Fuca Strait	Clayoquot S. Can. Co. Ltd.
"	W. Coast Vancouver Island	Anglo B.C. Packing Co. Ltd.
"	Fraser River	B.C. Canning Co. Ltd.
"	"	B.C. Packers Assoc.
"	"	Defiance Packing Co. Ltd.
"	"	Great West Packing Co. Ltd.
"	"	J. H. Todd & Sons
"	"	Jervis Inlet Can. Co. Ltd.
"	"	M. DesBrisay & Co.
"	"	Northern Canning Co.
"	"	Scottish Can. Canning Co. Ltd.
"	"	St. Mungo Canning Co. Ltd.
"	"	Steveston Canning Co.
"	"	The Glen Rose Canning Co. Ltd.
"	"	Van. Can. Ltd. + Gosse Millard
1915	Naas River	Anglo B.C. Packing Co. Ltd.
"	"	B.C. Packers Assoc.
"	"	Kincoeth Packing Co. Ltd.
"	"	M. DesBrisay & Co.
"	Skeena River	Anglo B.C. Packing Co. Ltd.
"	"	B.C. Canning Co. Ltd.
"	"	B.C. Packers Association
"	"	Can. Fish & Cold Stor. Co. Ltd.
"	"	Cassiar Packing Co. Ltd.
"	"	J.H. Todd & Sons
"	"	Kildala Packing Co.
"	"	Skeena River Comm. Co. Ltd
"	"	Wallace Fisheries Ltd
"	"	Draney Fisheries Ltd.
"	North Coast	Gosse-Millard Can. Co. (Bella B.)
"	"	John Wallace
"	"	Kildala Packing Co. Ltd.
"	"	Anglo B.C. Packing Co. Ltd.
"	Rivers Inlet	

Year	Area	Cannery
1915	Rivers Inlet (cont.)	B.C. Canning Co. Ltd.
"	"	B.C. Packers Association
"	"	J.H. Todd & Sons
"	"	Kildala Packing Co. Ltd.
"	"	Wallace Fisheries Ltd. Rivers Inlet
"	"	Wallace Fisheries Ltd. Smith Inlet
"	Johnstone Strait	Anglo B.C. Packing Co. Ltd.
"	"	Goletas Fish Co. Ltd.
"	"	Preston Packing Co. Ltd.
"	"	Quathiaski Canning Co. Ltd.
"	"	Nanaimo Canning Co. Ltd.
"	Georgia Strait	J.H. Todd & Sons (Esquimalt)
"	Juan de Fuca Strait	Clayoquot Sound Packing Co. Ltd.
"	W. Coast Vancouver Island	Wallace Fisheries Ltd.
"	Fraser River	Anglo B.C. Packing Co. Ltd.
"	"	B.C. Canning Co. Ltd.
"	"	B.C. Packers Association
"	"	Defiance Packing Co. Ltd.
"	"	Eagle Harbour Canning Co. Ltd.
"	"	Glen Rose Canning Co. Ltd.
"	"	Gosse-Millard Can. Co. Ltd.
"	"	Great West Packing Co. Ltd.
"	"	J. H. Todd & Sons
"	"	Jervis Inlet Can. Co. Ltd.
"	"	M. DesBrisay & Co. Ltd.
"	"	St. Mungo Canning Co. Ltd.
"	"	Steveston Canning Co. Ltd.
"	"	The Graham Co. (Scott Can.)
1916	Queen Charlotte Islands	McPherson & Co.
"	Naas River	Anglo B.C. Packing Co. Ltd.
"	"	B.C. Packers Assoc.
"	"	Kincoeth Packing Co. Ltd.
"	"	M. DesBrisay & Co.
"	Skeena River	Anglo B.C. Packing Co. Ltd.
"	"	B.C. Canning Co. Ltd.
"	"	B.C. Packers Assoc.
"	"	Canadian Fish & Cold Storage Co.
"	"	Cassiar Packing Co. Ltd.
"	"	Gosse-Millard Packing Co. Ltd.
"	"	J. H. Todd & Sons
"	"	Kildala Packing Co. Ltd.
"	"	Skeena River Commercial Co. Ltd.
"	"	Wallace Fisheries Ltd.
"	North Coast	Draney Fisheries Ltd.
"	"	Gosse-Millard Can. Co. Ltd.
"	"	John Wallace
"	"	Kildala Packing Co. Ltd.
"	Rivers Inlet	Anglo B.C. Packing Co. Ltd.
"	"	B.C. Canning Co. Ltd.
"	"	B.C. Packers Assoc.
"	"	J. H. Todd & Sons
"	"	Kildala Packing Co. Ltd.
"	"	Wallace Fisheries Ltd.
"	Johnstone Strait	Anglo B.C. Packing Co. Ltd.
"	"	Goletas Fish Co. Ltd.

Year	Area	Cannery	Year	Area	Cannery
1916	Johnstone Strait	Preston Packing Co. Ltd.	1917	Georgia Strait (cont.)	Nanaimo Canning & Packing Ltd.
"	"	Quathiaski Canning Co. Ltd.	"	"	Redonda Canning and Cold Storage
"	Georgia Strait	Gulf Islands Fishing Co. Ltd.	"	Juan de Fuca Strait	J.H. Todd & Sons
"	"	Nanaimo Cannery & Packers Ltd.	"	"	J.H. Todd & Sons (Esquimalt)
"	"	Sidney Canning Co. Ltd.	"	W. Coast Vancouver Island	Clayoquot S. Can. Co. Ltd.
"	Juan de Fuca Strait	J.H. Todd & Sons (Esquimalt)	"	"	Lummi Bay Packing Co.
"	W. Coast Vancouver Island	Clayoquot Sound Canning Co. Ltd.	"	"	Nootka Packing Co. Ltd.
"	"	Wallace Fisheries Ltd.	"	"	Wallace Fisheries Ltd.
"	Fraser River	Anglo B.C. Packing Co. Ltd.	"	Fraser River	Anglo B.C. Packing Co. Ltd.
"	"	B.C. Canning Co. Ltd.	"	"	B.C. Canning Co. Ltd.
"	"	B.C. Packers Assoc.	"	"	B.C. Packers Assoc.
"	"	Defiance Packing Co. Ltd.	"	"	Booth Fisheries Co. Ltd.
"	"	Eagle Harbour Canning Co. Ltd.	"	"	C.L. Packing Co. Ltd.
"	"	Gosse-Millard Canning Co. Ltd.	"	"	Defiance Packing Co. Ltd.
"	"	Great West Packing Co. Ltd.	"	"	Eagle Harbour Canning Co. Ltd.
"	"	J.H. Todd & Sons	"	"	Gosse-Millard Can. Co. Ltd.
"	"	J.W. Windsor	"	"	Great West Packing Co. Ltd.
"	"	Jervis Inlet Canning Co. Ltd.	"	"	J.H. Todd & Sons
"	"	Liverpool Canning Co. Ltd.	"	"	Kidala Packing Co. Ltd.
"	"	M. DesBrisay & Co.	"	"	Liverpool Canning Co. Ltd.
"	"	St. Mungo Canning Co. Ltd.	"	"	M. DesBrisay & Co.
"	"	Steveston Canning Co.	"	"	St. Mungo Canning Co. Ltd.
"	"	The Glen Rose Canning Co. Ltd.	"	"	Steveston Canning Co.
1917	Queen Charlotte Islands	Alfonce Bay Cannery	"	"	The Glen Rose Canning Co. Ltd.
"	Naas River	Anglo B.C. Packing Co. Ltd.	1918	Queen Charlotte Islands	Lockport Canning Co.
"	"	B.C. Packers Assoc.	"	"	Maritime Fisheries Ltd.
"	"	Kincolith Fisheries Ltd.	"	"	Western Packers Ltd.
"	"	M. DesBrisay & Co.	"	Naas River	Anglo B.C. Packing Co. Ltd.
"	Skeena River	Anglo B.C. Packing Co. Ltd.	"	"	B.C. Packers Assoc.
"	"	B.C. Canning Co. Ltd.	"	"	Kincolith Fisheries Ltd.
"	"	B.C. Packers Assoc.	"	"	M. DesBrisay & Co.
"	"	Canadian Fish & Cold Storage Co.	"	"	Portland Fisheries Ltd.
"	"	Cassiar Packing Co. Ltd.	"	"	Western Salmon Packers Ltd.
"	"	Gosse-Millard Packing Co. Ltd.	"	Skeena River	Anglo B.C. Packing Co. Ltd.
"	"	J.H. Todd & Sons	"	"	B.C. Canning Co. Ltd.
"	"	Kildare Packing Co. Ltd.	"	"	B.C. Packers Assoc.
"	"	Skeena River Commercial Co. Ltd.	"	"	Canadian Fish & Cold Storage Co.
"	"	Wallace Fisheries Ltd.	"	"	Cassiar Packing Co. Ltd.
"	North Coast	Draney Fisheries Ltd.	"	"	Gosse-Millard Packing Co. Ltd.
"	"	Gosse-Millard Packing Co. Ltd.	"	"	J.H. Todd & Sons
"	"	Kidala Packing Co. Ltd.	"	"	Kidala Packing Co. Ltd.
"	"	Tallheo Fish Ltd.	"	"	Port Edwards Fisheries Ltd.
"	Rivers Inlet	Anglo B.C. Packing Co. Ltd.	"	"	Skeena River Commercial Co. Ltd.
"	"	B.C. Canning Co. Ltd.	"	North Coast	Wallace Fisheries Ltd.
"	"	B.C. Packers Assoc.	"	"	Draney Fisheries Ltd.
"	"	J.H. Todd & Sons	"	"	Gosse-Millard Packing Co. Ltd.
"	"	Kidala Packing Co. Ltd.	"	"	Kidala Packing Co. Ltd.
"	"	Provincial Canning Co. Ltd.	"	"	Kimsquit Fisheries Ltd.
"	"	Wallace Fisheries Ltd.	"	"	Tallheo Fisheries Ltd.
"	Johnstone Strait	Anglo B.C. Packing Co. Ltd.	"	Rivers Inlet	Anglo B.C. Packing Co. Ltd.
"	"	Preston Packing Co. Ltd.	"	"	B.C. Canning Co. Ltd.
"	"	Quathiaski Canning Co. Ltd.	"	"	B.C. Packers Assoc.
"	"	Western Packers Ltd.	"	"	J.H. Todd & Sons
"	Georgia Strait	C.L. Packing Co. Ltd.	"	"	Kidala Packing Co. Ltd.
"	"	Gulf Islands Fishing Co. Ltd.	"	"	McTavish Fisheries Ltd.

Year	Area	Cannery	Year	Area	Cannery
1918	Rivers Inlet	Provincial Canning Co. Ltd.	1919	Rivers Inlet (cont.)	Provincial Canning Co. Ltd
"	"	Wallace Fisheries Ltd.	"	"	Wallace Fisheries Ltd.
"	Johnstone Strait	Anglo B.C. Packing Co. Ltd.	"	Johnstone Strait	Anglo B.C. Packing Co. Ltd.
"	"	Preston Packing Co. Ltd.	"	"	Preston Packing Co. Ltd.
"	"	Quathiaski Canning Co. Ltd.	"	"	Quathiaski Canning Co. Ltd.
"	"	Western Packers Ltd.	"	"	Quathiaski Canning Co. Ltd.
"	Georgia Strait	C.L. Packing Co. Ltd.	"	Georgia Strait	C.L. Packing Co. Ltd.
"	"	Gulf Islands Fishing & Can. Co.	"	"	Gulf Islands Fishing & Can. Co.
"	"	Nanaimo Canning & Packing Ltd.	"	"	Gulf Islands Fishing & Can. Co.
"	"	Puntledge Canning Co. Ltd.	"	"	Nanaimo Canning & Packing Ltd.
"	"	Redonda Canning & Cold Storage	"	"	Redonda Cannard & Cold Storage
"	Juan de Fuca Strait	Defiance Packing Co. Ltd.	"	"	Sidney Canning Co. Ltd.
"	"	J.H. Todd & Sons	"	Juan de Fuca Strait	Sidney Canning Co. Ltd.
"	"	J.H. Todd & Sons (Esquimalt)	"	"	J.H. Todd & Sons
"	"	Clayoquot S. Can. Co. Ltd.	"	"	J.H. Todd & Sons (Esquimalt)
"	W. Coast Vancouver Island	Lummi Bay Packing Co.	"	"	Sooke Harbour Fg & Pk. Co. Ltd.
"	"	Nootka Packing Co. Ltd.	"	W. Coast Vancouver Island	Sooke Harbour Fg & Pk. Co. Ltd.
"	"	Wallace Fisheries Ltd.	"	"	Bamfield Fisheries Ltd.
"	Fraser River	B.C. Packers Assoc.	"	"	Clayoquot Sound Canning Co. Ltd.
"	"	C.L. Packing Co. Ltd.	"	"	Gosse-Millard Packing Co. Ltd.
"	"	Canadian Fishing Co. Ltd.	"	"	Lummi Bay Packing Co.
"	"	Defiance Packing Co. Ltd.	"	Fraser River	Nootka Packing Co. Ltd.
"	"	Eagle Harbour Canning Co. Ltd.	"	"	B.C. Packers Assoc.
"	"	Gosse-Millard Canning Co. Ltd.	"	"	Canadian Fishing Co. Ltd.
"	"	Great West Packing Co. Ltd.	"	"	Defiance Packing Co. Ltd.
"	"	J.H. Todd & Sons	"	"	Gosse-Millard Canning Co. Ltd.
"	"	Liverpool Canning Co. Ltd.	"	"	Great West Packing Co. Ltd.
"	"	M. DesBrisay & Co.	"	"	Griffin Canning Co. Ltd.
"	"	St. Mungo Canning Co. Ltd.	"	"	J.H. Todd & Sons
"	"	The Glen Rose Canning Co. Ltd.	"	"	M. DesBrisay & Co.
"	"	Maritime Fisheries Ltd.	"	"	St. Mungo Canning Co. Ltd.
1919	Queen Charlotte Islands	Anglo B.C. Packing Co. Ltd.	"	"	The Glen Rose Canning Co. Ltd.
"	Naas River	B.C. Packers Assoc.	1920	Queen Charlotte Islands	Maritime Fisheries Ltd.
"	"	M. DesBrisay & Co.	"	Naas River	Anglo B.C. Packing Co. Ltd.
"	"	Northern B.C. Fisheries	"	"	B.C. Packers Assoc.
"	"	Western Salmon Packers Ltd.	"	"	M. DesBrisay & Co.
"	"	Anglo B.C. Packing Co. Ltd.	"	"	Northern B.C. Fisheries Ltd.
"	Skeena River	B.C. Canning Co. Ltd.	"	"	Western Salmon Packers Ltd.
"	"	B.C. Packers Assoc.	"	Skeena River	Anglo B.C. Packing Co. Ltd.
"	"	Canadian Fish & Cold Storage Co.	"	"	B.C. Canning Co. Ltd.
"	"	Cassiar Packing Co. Ltd.	"	"	B.C. Packers Assoc.
"	"	Gosse-Millard Packing Co. Ltd.	"	"	Canadian Fish & Cold Storage Co. Ltd.
"	"	J.H. Todd & Sons	"	"	Cassiar Packing Co. Ltd.
"	"	Kildala Packing Co. Ltd.	"	"	Gosse-Millard Packing Co. Ltd.
"	"	Northern B.C. Fisheries Ltd.	"	"	J.H. Todd & Sons
"	"	Wallace Fisheries Ltd.	"	"	Kildala Packing Co. Ltd.
"	"	Gosse-Millard Packing Co. Ltd.	"	"	Northern B.C. Fisheries Ltd.
"	North Coast	Kildala Packing Co. Ltd.	"	"	Maritime Fisheries Ltd.
"	"	Northern B.C. Fisheries Ltd.	"	"	Northern B.C. Fisheries Ltd.
"	"	Anglo B.C. Packing Co. Ltd.	"	North Coast	Wallace Fisheries Ltd.
"	Rivers Inlet	B.C. Canning Co. Ltd.	"	"	Gosse-Millard Packing Co. Ltd.
"	"	B.C. Packers Assoc.	"	"	Kildala Packing Co. Ltd.
"	"	Gosse-Millard Packing Co. Ltd.	"	"	Northern B.C. Fisheries Ltd.
"	"	J.H. Todd & Sons	"	"	Northern B.C. Fisheries (Namu)
"	"	Kildala Packing Co. Ltd.	"	Rivers Inlet	Anglo B.C. Packing Co. Ltd.
"	"	"	"	"	B.C. Canning Co. Ltd.
"	"	"	"	"	B.C. Packers Assoc.

Year	Area	Cannery	Year	Area	Cannery
1920	Rivers Inlet (cont.)	Gosse-Millerd Packing Co. Ltd.	1921	Johnstone Strait	B.C. Fishing & Packing Co. Ltd.
"	"	J.H. Todd & Sons	"	"	Quathiaski Canning Co. Ltd.
"	"	Kildala Packing Co. Ltd.	"	Georgia Strait	Sea Fish Co. Ltd.
"	"	Provincial Canning Co. Ltd.	"	Juan de Fuca Strait	J.H. Todd & Sons (Esquimalt)
"	"	Wallace Fisheries Ltd.	"	"	J.H. Todd & Sons Ltd.
"	Johnstone Strait	Anglo B.C. Packing Co. Ltd.	"	"	Sooke Harbour F'g & Pk. Co. Ltd.
"	"	Preston Packing Co. Ltd.	"	"	Clayoquot S. Can. Co. Ltd.
"	"	Quathiaski Canning Co. Ltd.	"	W. Coast Vancouver Island	Gosse-Millerd Ltd.
"	"	Western Packers Ltd.	"	"	Lummi Bay Packing Co. Ltd.
"	Georgia Strait	Redonda Can. and Cold Stor. Co.	"	"	Nootka Packing Co. Ltd.
"	Juan de Fuca Strait	J.H. Todd & Sons	"	"	Wallace Fisheries Ltd.
"	"	J.H. Todd & Sons (Esquimalt)	"	Fraser River	A.B.C. Packing Co. Ltd.
"	"	Sooke Harbour F'g & Pk. Co. Ltd.	"	"	A.H. Sherman Ltd.
"	"	Sooke Harbour F'g & Pk. Co. Ltd.	"	"	B.C. Fishing & Packing Co. Ltd.
"	"	Clayoquot S. Can. Co. Ltd.	"	"	Canadian Fishing Co. Ltd.
"	W. Coast Vancouver Island	Gosse-Millerd Packing Co. Ltd.	"	"	Glenrose Canning Co. Ltd.
"	"	Nootka Packing Co. Ltd.	"	"	Gosse-Millerd Ltd.
"	"	Wallace Fisheries Ltd.	"	"	Great Northern Packing Co. Ltd.
"	Fraser River	B.C. Packers Assoc.	"	"	Great West Packing Co. Ltd.
"	"	Canadian Fishing Co. Ltd.	"	"	J.H. Todd & Sons Ltd.
"	"	Gosse-Millerd Packing Co. Ltd.	"	"	M. DesBrisay & Co.
"	"	Great West Packing Co. Ltd.	1922	Queen Charlotte Islands	Canadian Fishing Co. Ltd.
"	"	J.H. Todd & Sons, Fraser River	"	Naas River	Anglo B.C. Packing Co. Ltd.
"	"	M. DesBrisay & Co.	"	"	B.C. Fishing & Packing Co.
"	"	St. Mungo Canning Co. Ltd.	"	"	M. DesBrisay & Co.
"	"	The Glen Rose Canning Co. Ltd.	"	"	Northern B.C. Fisheries Ltd.
1921	Naas River	Anglo B.C. Packing Co. Ltd.	"	"	Western Salmon Packing Ltd.
"	"	B.C. Fishing & Packing Co. Ltd.	"	Skeena River	Anglo B.C. Packing Co. Ltd.
"	"	M. DesBrisay & Co.	"	"	B.C. Canning Co. Ltd.
"	"	Northern B.C. Fisheries Ltd.	"	"	B.C. Fishing & Packing Co. Ltd.
"	"	Western Salmon Packing Ltd.	"	"	Can. Fish & Cold Storage Co. Ltd.
"	Skeena River	A.B.C. Packing Co. Ltd.	"	"	Cassiar Packing Co. Ltd.
"	"	B.C. Canning Co. Ltd.	"	"	Gosse-Millerd Ltd.
"	"	B.C. Fishing & Packing Co. Ltd.	"	"	J.H. Todd & Sons Ltd.
"	"	Can. Fish & Cold Storage Co. Ltd.	"	"	Kildala Packing Co. Ltd.
"	"	Cassiar Packing Co. Ltd.	"	"	Maritime Fisheries Ltd.
"	"	Gosse-Millerd Ltd.	"	"	Northern B.C. Fisheries Ltd.
"	"	J.H. Todd & Sons Ltd.	"	"	Wallace Fisheries Ltd.
"	"	Kildala Packing Co. Ltd.	"	North Coast	B.C. Fishing & Packing Co. Ltd.
"	"	Maritime Fisheries Ltd.	"	"	Gosse-Millerd Ltd.
"	"	Northern B.C. Fisheries Ltd.	"	"	Kildala Packing Co. Ltd.
"	North Coast	Wallace Fisheries Ltd.	"	"	Northern B.C. Fisheries Ltd. (Namu)
"	"	B.C. Fishing & Packing Co. Ltd.	"	"	Northern B.C. Fisheries Ltd.
"	"	Gosse-Millerd Ltd.	"	Rivers Inlet	Anglo B.C. Packing Co. Ltd.
"	"	Northern B.C. Fisheries Ltd.	"	"	B.C. Canning Co. Ltd.
"	"	Northern Fisheries (Namu)	"	"	B.C. Fishing & Packing Co. Ltd.
"	"	Anglo B.C. Packing Co. Ltd.	"	"	Gosse-Millerd Ltd.
"	"	B.C. Canning Co. Ltd.	"	"	J.H. Todd & Sons Ltd.
"	Rivers Inlet	B.C. Fishing & Packing Co. Ltd.	"	"	Kildala Packing Co. Ltd.
"	"	Gosse-Millerd Ltd.	"	"	Provincial Canning Co. Ltd.
"	"	J.H. Todd & Sons Ltd.	"	"	Wallace Fisheries Ltd.
"	"	Kildala Packing Co. Ltd.	"	"	Wallace Fisheries Smith Inlet
"	"	Provincial Canning Co. Ltd.	"	Johnstone Strait	Anglo B.C. Packing Co. Ltd.
"	"	Wallace Fisheries Ltd.	"	"	B.C. Fishing & Packing Co. Ltd.
"	"	Wallace Fisheries Smith Inlet	"	"	Quathiaski Canning Co. Ltd.

Year	Area	Cannery	Year	Area	Cannery
1922	Georgia Strait	Deep Bay Packing Co. Ltd.	1923	W. Coast Vancouver Island (cont.)	Lummi Bay Packing Co. Ltd.
"	"	Nanaimo Cannery & Packers	"	"	Nootka Packing Co. Ltd.
"	Juan de Fuca Strait	J.H. Todd & Sons (Esquimalt)	"	"	Wallace Fisheries Ltd.
"	"	J.H. Todd & Sons Ltd.	"	Fraser River	B.C. Fishing & Packing Co. Ltd.
"	W. Coast Vancouver Island	Clayoquot S. Can. Co. Ltd.	"	"	Canadian Fishing Co. Ltd.
"	"	Gosse-Millerd Ltd.	"	"	Glenrose Packing Co. Ltd.
"	"	Lummi Bay Packing Co. Ltd.	"	"	Gosse-Millerd Ltd.
"	"	Nootka Packing Co. Ltd.	"	"	Great West Packing Co. Ltd.
"	"	Wallace Fisheries Ltd.	"	"	J.H. Todd & Sons Ltd.
"	Fraser River	B.C. Fishing & Packing Co. Ltd.	"	"	M. DesBrisay & Co.
"	"	Canadian Fishing Co. Ltd.	"	"	Somerville Cannery Co. Ltd.
"	"	Glenrose Packing Co. Ltd.	1924	Queen Charlotte Islands	Canadian Fishing Co. Ltd.
"	"	Gosse-Millerd Ltd.	"	"	Langara Fish. & Pack. Co. Ltd.
"	"	Great West Packing Co. Ltd.	"	"	Lockeport Cannery Co. Ltd.
"	"	J. H. Todd & Sons Ltd.	"	"	Somerville Cannery Co. Ltd.
"	"	M. DesBrisay & Co. Ltd.	"	"	Wallace Fisheries Ltd.
1923	Queen Charlotte Islands	Lockeport Cannery Co. Ltd.	"	Nass River	Anglo B.C. Packing Co. Ltd.
"	Naas River	Anglo B.C. Packing Co. Ltd.	"	"	B.C. Fishing & Packing Co. Ltd.
"	"	B.C. Fishing & Packing Co. Ltd.	"	"	Canadian Fishing Co. Ltd.
"	"	M. DesBrisay & Co. Ltd.	"	"	Somerville Cannery Co. Ltd.
"	"	Northern B.C. Fisheries Ltd.	"	Skeena River	Anglo B.C. Packing Co. Ltd.
"	"	Somerville Cannery Co. Ltd.	"	"	B.C. Fishing & Packing Co. Ltd.
"	Skeena River	Anglo B.C. Packing Co. Ltd.	"	"	B.C. Fishing & Packing Co. Ltd.
"	"	B.C. Fishing & Packing Co. Ltd.	"	"	Canadian Fish & C.S. Co. Ltd.
"	"	Can. Fish & Cold Storage Co. Ltd.	"	"	Cassiar Packing Co. Ltd.
"	"	Cassiar Packing Co. Ltd.	"	"	Gosse-Millerd Ltd. (Namu)
"	"	Gosse-Millerd Ltd.	"	"	J.H. Todd & Sons Ltd.
"	"	J.H. Todd & Sons Ltd.	"	"	Kildala Packing Co. Ltd.
"	"	Kildala Packing Co. Ltd.	"	"	Maritime Fisheries Ltd.
"	"	Maritime Fisheries Ltd.	"	"	Wallace Fisheries Ltd.
"	"	Northern B.C. Fisheries Ltd.	"	North Coast	B.C. Fishing & Packing Co. Ltd.
"	"	Wallace Fisheries Ltd.	"	"	C.R. Draney & Co. Ltd.
"	"	B.C. Fishing & Packing Co. Ltd.	"	"	Canadian Fishing Co. Ltd.
"	North Coast	Gosse-Millerd Ltd.	"	"	Gosse-Millerd Ltd.
"	"	Kildala Packing Co. Ltd.	"	Rivers Inlet	Anglo B.C. Packing Co. Ltd.
"	"	Northern B.C. Fish. Ltd. (Namu)	"	"	B.C. Fishing & Packing Co. Ltd.
"	"	Northern B.C. Fisheries Ltd.	"	"	Canadian Fishing Co. Ltd.
"	"	Anglo B.C. Packing Co. Ltd.	"	"	J.H. Todd & Sons Ltd.
"	Rivers Inlet	B.C. Fishing & Packing Co. Ltd.	"	"	Kildala Packing Co. Ltd.
"	"	Canadian Fishing Co. Ltd.	"	"	Provincial Canning Co. Ltd.
"	"	Gosse-Millerd Ltd.	"	"	Standard Packing Co. Ltd.
"	"	J. H. Todd & Sons Ltd.	"	"	Wallace Fisheries Ltd.
"	"	Kildala Packing Co. Ltd.	"	Johnstone Strait	Anglo B.C. Packing Co. Ltd.
"	"	Provincial Canning Co. Ltd.	"	"	B.C. Fishing & Packing Co. Ltd.
"	"	Standard Packing Co. Ltd.	"	"	Canadian Fishing Co. Ltd.
"	"	Wallace Fisheries Ltd.	"	"	Kingcome Packers Ltd.
"	"	Anglo B.C. Packing Co. Ltd.	"	"	Quathiaski Canning Co. Ltd.
"	Johnstone Strait	B.C. Fishing & Packing Co. Ltd.	"	Georgia Strait	Deep Bay Packing Co. Ltd.
"	"	Quathiaski Canning Co. Ltd.	"	"	Nanaimo Cannery & Packers Ltd.
"	"	Deep Bay Packing Co. Ltd.	"	"	J.H. Todd & Sons Ltd.
"	Georgia Strait	Nanaimo Cannery & Packers	"	Juan de Fuca Strait	Clayoquot S. Can. Co. Ltd.
"	"	J. H. Todd & Sons Ltd. (Esquimalt)	"	"	Gosse-Millerd Ltd.
"	"	J. H. Todd & Sons Ltd.	"	"	Nitinat Packers Ltd.
"	"	Clayoquot Sound Canning Co. Ltd.	"	"	Nootka Packing Co. Ltd.
"	"	Gosse-Millerd Ltd.	"	"	Wallace Fisheries Ltd.
"	W. Coast Vancouver Island		"	Fraser River	B.C. Fishing & Packing Co. Ltd.

Year	Area	Cannery	Year	Area	Cannery
1924	Fraser River (cont.)		1926	Queen Charlotte Islands	B.C. Fishing & Packing Co. Ltd.
"	"	Canadian Fishing Co. Ltd.	"	"	Canadian Fishing Co. Ltd.
"	"	Glenrose Canning Co. Ltd.	"	"	Gosse Packing Co. Ltd.
"	"	Gosse-Millerd Ltd.	"	"	Langara Packing Co. Ltd.
"	"	Great West Packing Co. Ltd.	"	"	Lockeport Canning Co. Ltd.
"	"	Somerville Cannery Co. Ltd.	"	"	Maritime Fisheries Ltd.
1925	Queen Charlotte Islands		"	"	Somerville Cannery Co. Ltd.
"	"	Langara Packing Co.	"	"	Wallace Fisheries Ltd.
"	Naas River	Lockeport Canning Co.	"	Naas River	Anglo B.C. Packing Co. Ltd.
"	"	Anglo B.C. Packing Co.	"	"	B.C. Fishing & Packing Co. Ltd.
"	"	B.C. Fishing & Packing Co.	"	"	Canadian Fishing Co. Ltd.
"	Skeena River	Canadian Fishing Co.	"	"	Wallace Fisheries Ltd.
"	"	Anglo B.C. Packing Co.	"	Skeena River	Anglo B.C. Packing Co. Ltd.
"	"	B.C. Fishing & Packing Co.	"	"	B.C. Fishing & Packing Co. Ltd.
"	"	Canadian Fishing Co.	"	"	Canadian Fishing Co. Ltd.
"	"	Cassiar Packing Co.	"	"	Cassiar Packing Co. Ltd.
"	"	Gosse-Millerd Ltd.	"	"	Gosse Packing Co. Ltd.
"	"	J.H. Todd & Sons	"	"	Gosse Packing Co. Ltd.
"	"	Maritime Fisheries Ltd.	"	"	J.H. Todd & Sons Ltd.
"	"	Skeena River Packing Co. Ltd.	"	"	Maritime Fisheries Ltd.
"	"	Somerville Cannery Co.	"	"	Skeena River P'g Co. Ltd.
"	"	Wallace Fisheries Ltd.	"	"	Somerville Cannery Co. Ltd.
"	North Coast	B.C. Fishing & Packing Co.	"	"	Wallace Fisheries Ltd.
"	"	C.R. Draney & Co.	"	North Coast	B.C. Fishing & Packing Co. Ltd.
"	"	Canadian Fishing Co.	"	"	Canadian Fishing Co. Ltd.
"	"	Gosse-Millerd Ltd.	"	"	Gosse Packing Co. Ltd.
"	"	Gosse-Millerd Ltd. (Namu)	"	"	Gosse Packing Co. Ltd. (Namu)
"	Rivers Inlet	Anglo B.C. Packing Co.	"	Rivers Inlet	Anglo B.C. Packing Co. Ltd.
"	"	B.C. Fishing & Packing Co.	"	"	B.C. Fishing & Packing Co. Ltd.
"	"	Canadian Fishing Co.	"	"	Canadian Fishing Co. Ltd. Rivers Inlet
"	"	J.H. Todd & Sons	"	"	Canadian Fishing Co. Ltd. Smith Inlet
"	"	Provincial Canning Co. Ltd.	"	"	Gosse Packing Co. Ltd.
"	"	Standard Packing Co. Ltd.	"	"	J.H. Todd & Sons Ltd.
"	"	Wallace Fisheries Ltd.	"	"	Provincial Canning Co. Ltd.
"	Johnstone Strait	Anglo B.C. Packing Co.	"	"	Standard Packing Co. Ltd.
"	"	B.C. Fishing & Packing Co.	"	"	Wallace Fisheries Ltd. Rivers Inlet
"	"	Kingcome Packers Ltd.	"	"	Wallace Fisheries Ltd. Smith Inlet
"	"	Quathiaski Canning Co. Ltd.	"	Johnstone Strait	Anglo B.C. Packing Co. Ltd.
"	"	Somerville Cannery Co.	"	"	B.C. Fishing & Packing Co. Ltd.
"	Georgia Strait	Deep Bay Packing Co. Ltd.	"	"	Kingcome Packers Ltd.
"	"	Nanaimo Cannery & Packers Ltd.	"	"	Quathiaski Canning Co. Ltd.
"	"	Redonda Canning & C.S. Co. Ltd.	"	"	Somerville Cannery Co. Ltd.
"	"	J.H. Todd & Sons	"	Georgia Strait	Deep Bay Packing Co. Ltd.
"	"	J.H. Todd & Sons (Esquimalt)	"	"	Redonda C'g & C.S. Co. Ltd.
"	"	Clayquot Snd. Canning Co. Ltd.	"	Juan de Fuca Strait	J.H. Todd & Sons Ltd. (Esquimalt)
"	"	Gosse-Millerd Ltd.	"	"	J.H. Todd & Sons Ltd.
"	W. Coast Vancouver Island	Nitinat Cannery Ltd.	"	"	Clayquot Sound Canning Co. Ltd.
"	"	Nitinat Cannery Ltd.	"	W. Coast Vancouver Island	Gosse Packing Co. Ltd.
"	"	Nootka Packing Co.	"	"	Nitinat Packers Ltd.
"	"	Wallace Fisheries Ltd.	"	"	Nootka Packing Co. Ltd.
"	Fraser River	B.C. Fishing & Packing Co.	"	"	Wallace Fisheries Ltd.
"	"	Canadian Fishing Co. Ltd.	"	"	B.C. Fishing & Packing Co. Ltd.
"	"	Glenrose Canning Co. Ltd.	"	"	Canadian Fishing Co. Ltd.
"	"	Gosse-Millerd Ltd.	"	"	Glenrose Canning Co. Ltd.
"	"	Great West Packing Co. Ltd.	"	"	Gosse Packing Co. Ltd.
"	"	M. DesBrisay & Co.	"	"	Great West Packing Co. Ltd.
"	"	Somerville Cannery Co.	"	"	

Year	Area	Cannery	Year	Area	Cannery
1926	Fraser River (cont.)	Somerville Cannery Co.	1928	Naas River (cont.)	Canadian Fishing Co. Ltd.
1927	Queen Charlotte Islands	B.C. Fishing & P'g Co. Ltd.	"	Skeena River	Anglo B.C. Packing Co. Ltd.
"	"	Canadian Fishing Co. Ltd.	"	"	B.C. Packers Ltd.
"	"	Langara Packing Co. Ltd.	"	"	Canadian Fishing Co. Ltd.
"	"	Maritime Fisheries Ltd.	"	"	Cassiar Packing Co. Ltd.
"	"	Masset Cannery Ltd.	"	"	J.H. Todd & Sons Ltd.
"	Naas River	Anglo B.C. Packing Co. Ltd.	"	"	Skeena River Packing Co. Ltd.
"	"	B.C. Fishing & P'g Co. Ltd.	"	North Coast	B.C. Packers Ltd.
"	"	Canadian Fishing Co. Ltd.	"	"	Canadian Fishing Co. Ltd.
"	Skeena River	Anglo B.C. Packing Co. Ltd.	"	"	Klentut Canning Co. Ltd.
"	"	B.C. Fishing & P'g Co. Ltd.	"	Rivers Inlet	Anglo B.C. Packing Co. Ltd. Rivers Inlet
"	"	Canadian Fishing Co. Ltd.	"	"	Anglo B.C. Packing Co. Ltd. Smith Inlet
"	"	Canadian Fishing Co. Ltd.	"	"	B.C. Packers Ltd. Rivers Inlet
"	"	Cassiar Packing Co. Ltd.	"	"	B.C. Packers Ltd. Smith Inlet
"	"	Gosse Packing Co. Ltd.	"	"	Canadian Fishing Co. Ltd. Rivers Inlet
"	"	J.H. Todd & Sons Ltd.	"	"	Canadian Fishing Co. Ltd. Smith Inlet
"	"	Maritime Fisheries Ltd.	"	"	J.H. Todd & Sons Ltd.
"	"	Miller Packing Co. Ltd.	"	"	Kingcome Packers Ltd.
"	"	Skeena River P'g Co. Ltd.	"	"	Provincial Canning Co. Ltd.
"	North Coast	B.C. Fishing & Packing Co. Ltd.	"	Johnstone Strait	Anglo B.C. Packing Co. Ltd.
"	"	Canadian Fishing Co. Ltd.	"	"	Kingcome Packers Ltd.
"	"	Klentut Canning Co. Ltd.	"	"	Quathiaski Canning Co. Ltd.
"	Rivers Inlet	Anglo B.C. Packing Co. Ltd.	"	"	Deep Bay Packing Co. Ltd.
"	"	B.C. Fishing & P'g Co. Ltd.	"	Georgia Strait	J.H. Todd & Sons (Esquimalt)
"	"	B.C. Fishing & P'g Co. Ltd.	"	Juan de Fuca Strait	J.H. Todd & Sons Ltd.
"	"	Canadian Fishing Co. Ltd. Rivers	"	"	Clayoquot S. Can. Co. Ltd.
"	"	Canadian Fishing Co. Ltd. Smith	"	W. Coast Vancouver Island	Nootka Packing Co. Ltd.
"	"	Gosse Packing Co. Ltd. Rivers Inlet	"	"	B.C. Packers Ltd.
"	"	Gosse Packing Co. Ltd. Smith Inlet	"	"	Canadian Fishing Co. Ltd.
"	"	J.H. Todd & Sons Ltd.	"	"	Francis Millard
"	"	Provincial Canning Co. Ltd.	"	"	Great West Packing Co. Ltd.
"	"	Standard Packing Co. Ltd.	"	Queen Charlotte Islands	B.C. Packers Ltd.
"	Johnstone Strait	Anglo B.C. Packing Co. Ltd.	1929	"	Canadian Fishing Co. Ltd.
"	"	Kingcome Packers Ltd.	"	"	Langara Fg & P'g Co. Ltd.
"	"	Miller Packing Co. Ltd.	"	"	Masset Cannery Ltd.
"	"	Quathiaski Canning Co. Ltd.	"	"	Anglo B.C. Packing Co. Ltd.
"	Georgia Strait	Deep Bay Packing Co. Ltd.	"	Naas River	B.C. Packers Ltd.
"	Juan de Fuca Strait	J.H. Todd & Sons Ltd. (Esquimalt)	"	"	Canadian Fishing Co. Ltd.
"	"	J.H. Todd & Sons Ltd.	"	"	Anglo B.C. Packing Co. Ltd.
"	"	Saanich Canning Co. Ltd.	"	Skeena River	B.C. Packers Ltd.
"	W. Coast Vancouver Island	Clayoquot S. Canning Co. Ltd.	"	"	Canadian Fishing Co. Ltd.
"	"	Gosse Packing Co. Ltd.	"	"	Cassiar Packing Co. Ltd.
"	"	Miller Packing Co. Ltd.	"	"	Chatham Sound Fishing & Packing Co. Ltd.
"	"	Nootka Packing Co. Ltd.	"	"	J.H. Todd & Sons Ltd.
"	Fraser River	B.C. Fishing & P'g Co. Ltd.	"	"	Skeena River P'g Co. Ltd.
"	"	Canadian Fishing Co. Ltd.	"	North Coast	B.C. Packers Ltd.
"	"	Glenrose Canning Co. Ltd.	"	"	Canadian Fishing Co. Ltd.
"	"	Gosse Packing Co. Ltd.	"	"	Klentut Canning Co. Ltd.
"	"	Great West Packing Co. Ltd.	"	"	Anglo B.C. Packing Co. Rivers Inlet
"	"	Miller Packing Co. Ltd.	"	Rivers Inlet	Anglo B.C. Packing Co. Smith Inlet
1928	Queen Charlotte Islands	B.C. Packers Ltd.	"	"	B.C. Packers Ltd. Rivers Inlet
"	"	Canadian Fishing Co. Ltd.	"	"	B.C. Packers Ltd. Smith Inlet
"	"	Langara Packing Co. Ltd.	"	"	Canadian Fishing Co. Ltd. Rivers Inlet
"	"	Masset Cannery Ltd.	"	"	Canadian Fishing Co. Ltd. Smith Inlet
"	Naas River	Anglo B.C. Packing Co. Ltd.	"	"	Francis Millard
"	"	B.C. Packers Ltd.	"	"	

Year	Area	Cannery
1929	Rivers Inlet	Anglo B.C. Packing Co. Ltd. Rivers Inlet
"	"	Anglo B.C. Packing Co. Ltd. Smith Inlet
"	"	B.C. Packers Ltd. Rivers
"	"	B.C. Packers Ltd. Smith
"	"	Canadian Fishing Co. Ltd. Rivers Inlet
"	"	Canadian Fishing Co. Ltd. Smith Inlet
"	"	Francis Millard
"	"	Independent Packers, Ltd.
"	"	J.H. Todd & Sons Ltd.
"	"	Kingcome Packers, Ltd. Rivers Inlet
"	"	Kingcome Packers, Ltd. Smith Inlet
1929	Johnstone Strait	Anglo B.C. Packing Co. Ltd.
"	"	Kingcome Packers, Ltd.
"	"	Quathiaski Canning Co. Ltd.
1929	Georgia Strait	Deep Bay Packing Co. Ltd.
"	Juan de Fuca Strait	J.H. Todd & Sons Ltd.
"	"	J.H. Todd & Sons Ltd. (Esquimalt)
"	W. Coast Vancouver Island	Clayoquot Sound Packing Co. Ltd.
"	"	Francis Millard
"	"	Nootka Packing Co. Ltd.
1929	Fraser River	B.C. Packers Ltd.
"	"	Canadian Fishing Co. Ltd.
"	"	Francis Millard
"	"	Great West Packing Co. Ltd.
"	"	Independent Packers Ltd.
"	"	Johnstone Packing Co. Ltd.