

that when they made their memorable journey to this far western shore 100 years ago the great natural beauty of the scenery and the number and variety of of Eastern Oregon, or the beautiful valwild animals abounding in the forests and leys of the Rogue and Umpqua Rivers in the excellence of the fishes in the streams of this region filled them with wonder prove peculiarly attractive. There, in forand admiration. So interceted were they in the fauna and flora of the country that | ica he will find the bear, the deer and the we find their journals filled with admirable and detailed descriptions of the bird portunity to try his aim, and perhaps to

wHE journals of Lewis and Clark show gon and the Pacific Northwest still present many and varied attractions.

To the hunter who delights in the search

for large game the Blue Mountain region ests as dense and wild as any in Amerelk in numbers; and he may have an opable and detailed descriptions of the bird and animal and flab life which they saw, and, although a hundred years have powers farst valiet these shores, and Oregon and other game fashes, while such and birds he can have sport to his first visited these shores, and Oregon and the Northwest have made great strides in civilization and material advancement, there are today still to be found hundreds of almost primeval will-derness within the boundaries of the state.

And although a hundred years have provided a great variety for you. There you will find great areas of the lusty trout, the grayling, but it was not until the salmon and other varieties of fish. The cut-throat trout is our native trout, but it was not until the canner in the salm and clear, are the huntred of the lusty trout, the grayling in such as the salmon and other game fashes, while the salmon and often game fashes, while the salmon and clear, are the lusty trout, and the salmon and clea

only a bird of graceful outlines and most enty a tire of graceful earlines and most gorgeous plumage, but one whose flesh will satisfy the most epicurean taste. In this valley of the Willamette, and in nearly all the valleyz and foothills of the state, the native pheasant or grouse, the partridge and the quali also abound, And in the Blue Mountain region of Eastern Orecomment to found in addition the ern Oregon may be found, in addition, the prairie chicken and the sagehen.

Water Fowl in Millions.

As for water fowl, they can be found

every year. It is unquestionably one of the most wonderful breeding grounds for aquatic birds in America, and is well worthy of your visit.

Game Fish in All Streams. If you are a disciple of good old Imaak

Walton you will find Oregon and the Pacific Northwest a paradise indeed; for its numerous mountain streams, wild torrents hurrying down from their elevated sources and now and then resting in still pools, with waters cold and clear, are the hannts of the busty trout, the grayling, the salmon and other game fishes, while the great rivers at certain seasons of the control of the salmon and the great rivers at certain seasons of the control of the salmon are selected.

the Dolly Varden trout, whose size, beauty and gamy qualities are well known; and in these and other streams in various portions of the state you will also find the Bastern brook trout, a few Loch Leven trout and many Rainbow trout, more than a million fry of which have, within the last four or five years, been planted by the Oregon Fish and Game Association.

This is an organization of sportsmen, with a memberahip of nearly 600, whose object is to assist in the protection and propagation of fish and game in the Bates of Oregon, to foster a true spirit of sportsmanship and to promote acquaintance and good-fellowship among its members.

The Best Angling Streams.

Experienced angiers, some of whom have stitled the Klams at Lake region, in Southern Oregon, are loud in their praises of its excellency, indeed, it would be difficult to find better fishing grounds anywhere for trout or other game she than Pellanams with the word of the streams of Europe and America, and who have visited the Klams at Lake region, in Southern Oregon, are loud in their praises of its excellency and McKenzje Rivers. In this respect the pelluture of the streams of Europe and McKenzje Rivers. In this respect the peluture of the streams and McKenzje Rivers. In this respect the peluture of the state, and the number of the state, and the number of the word of the state, and the number of the state of

WEALTH FROM THE WATERS

Fisheries of the Columbia and Oregon Coast Streams Yield Millions.

URING the 38 years that packing operations have been carried on the salmon fisheries of the Columbia are and the Oregon coast streams have ided an output valued at fully \$125,000. By far the greater portion of sproduct is put up in cans, although ing the past few years sweet pickling is commiderable extent. While the cange of salmon is carried on at many its on the Pacific Coast and in Alasks. Columbia River can be rightfully med the headquarters of the industry, it is only here the true royal chinook, acknowledged king of salmon, is River and the Oregon coast streams have yielded an output valued at fully \$125,-00,000. By far the greater portion of this product is put up in cans, although during the past few years sweet pickling and sharp freezing have come into vogue to a considerable extent. While the canning of salmon is carried on at many points on the Pacific Coast and in Alaska, the Columbia River can be rightfully termed the headquarters of the industry, as it is only here the true royal chinook, the acknowledged king of salmon, found, and it has a ready sale in all the leading markets of the world.

The canning of salmon was first undertaken on the Columbia River in 1866, when 600 cases were put up, reached its highest point in 1884, with over 600,000 cases, fell off as the effect of overfishing, until the returns from artificial propagation, which was commenced in 1886, began to be felt. Since then the nack has been gradually increasing each pack has been gradually increasing each year.

Pack Late but Large.

The season of 1804 on the Columbia River was most peculiar as well as very successful, so far as the size of the pack is concerned. During the Spring season is canneries were operated on the lower and four on the Upper Columbia, four of the former being new plants erected on the Washington side. The pack put up the Washington side. The pack put up by these plants, and the bulk of it is royal chinook, is estimated at 270,700 cases of four dozen one-pound cans to the case, 230,600 cases being packed on Washington shore, whereas the Spring pack in 1900 was 244,975 cases on the Ore-gon side and 73,750 cases in Washington, a total of 202,725 cases. Again, five canneries, all located on the north side of the river, operated during the Fall season and put up about \$8,000 cases, making the total pack on the river for the year 405,700 Last year Fall packing was not

engaged in to so great an extent, and only about 15,000 cases were put up. At 50 pounds of raw fish for each case, the Spring pack on the Columbia River represents 22,242,000 pounds, which, at 5 cents per pounds, the ruling price, gives a total of \$1,112,000 that was paid to the fishermen. The greater portion of the Spring pack was sold in advance at \$5.50 per case, an aggregate of over \$2,500,000. Engaged in catching the fish were 500 traps, with 1000 men; 1500 gillnets, with 2000 men; 0 feines, with 800 men; 0 fishwheels, with 500 men, a total of 5000 men who were employed in fishing.

Close Season Was Ignored.

The runs were so small and fitful that, when the legal season closed, on August 15, but few fish had been packed, and it was not until the latter part of August that the finh, which usually enter the river during June and July, came in. With the facit consent of the authorities in both Oregon and Washington, fishing was continued uninterruptedly all through the "closed" season, with the result of a great increase in the total. The greater portion of the fish was caught by gillnet' ters, the trappers and seiners doing little until near the end of the season, and, aithough heretofore 12 or 15 tons have been considered a good season's haul for a boat, the "high boat" this year had 24 tons, and catches of 20 tons and over were

The canneries on the Oregon coast also did well this year, putting up a total of about 55,000 cases.

With the exception of a small amount of the Fall and coast packs, all the canned product has been disposed of, and as the market is practically hare, with a strong demand at high figures, the prossects for the future have not been so

SALMON PUT ON ICE.

Increase of Cold-Storage Pack on the Columbia River.

Totals 4062

HANDLING of salmon in cold storage, or, more properly speaking, the process of sweet pickling, although of comparatively recent origin on the Columbia River, is already one of the most

Benefit to Fishermen. One direct benefit locally from the establishment of the cold-storage business

is an increase in the price paid for the raw fish. For this process, only the larger chinook salmon are used, those weighing 25 pounds or over, and usually I cent, and sometimes 2 cents, per pound

Output of Fry at Hatcheries a Failure, Due to Several Causes.

| 1902. | 1903. | 1903. | 1904. | 1905. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906. | 1906 145,849 ····· 77,497,016

W HILE not an entire failure, the re-

OUTPUT OF SALMON FRY AT HATCHERIES.

Number of salmon fry planted in Columbia River and tributaries each

	· c	HINOOKS.			SILVERSIDES.		HEADS	
Year	Government	Washington	Oregon	Total	Washington.	Oregon	Oregon	
1896 1897 1897 1898 1890 1901 1902 1903 1904	5,980,000 34,083,541 23,606,100 23,573,891	4,000,000 1,300,000 5,500,000 4,800,000 10,017,000 10,510,500 10,555,700 9,472,200 2,383,000	2,500,000 3,670,000 7,556,200 20,948,636 37,585,410 5,604,750	7,687,000 12,142,000 29,910,600 19,690,608 23,517,000 20,280,500 42,475,741 55,510,435 70,631,501 16,638,786	7,810,000 6,025,000 7,550,000 7,345,413 3,546,000	7,742,200 5,783,600 2,983,965	245,600 256,327 250,850 143,840	

The take of Chinook eggs at each of the Columbia River hatcheries this season as compared with that of 1900 is as follows:

HATCHERIES.	1904	1503
Oregon State Hatcheries— Salmon River Cluckamas River Grande Ronde River Wallowa Ontario	1,745,000	3,551,000 3,324,000 122,600 2,707,000 25,055,000
Totals United States Hatcherics— Little White Salmon (Washington) Big Salmon River (Washington) Eagle and Tanner Creeks (Oregon) Lower Clackamas River (Oregon) Upper Clackamas River (Oregon)	6.077,500 2,129,000 2,181,400 111,140 3,691,000 1,297,500	25,769,400 19,108,100 19,000,000 1,214,000 19,180,000
Totals Washington State Hatcheries— Kalama River Chinook River Wind River Wenatchee River	9,380,040 2,500,000 100,000 270,000	40,502,100 6,100,000 1,700,000 2,500,000 240,000
Totals	2,870,000	19,540,000

Columbia River cold-storage plants especially as this was expected to be a amounts to \$1,000,000 annually, without banner year, when new records would be counting the profits of the packers. The season of 1805 was considered the banner year, but that record was equaled, if not eclipsed, during the season just passed, although the amount of sweet-pickled

fish was slightly less.
During the season of 1904, ten cold-storage plants were in operation on the Columbia River, more than ever before, and all but two of them were located on the Oregon shore, where the shipping facili-

On	Colum	Coas		Oregon
1900	mahin D	iver (Or	serve wide	Cases
Colu	mbia R	liver (W	ash, std	2), 79,756
Colu	mbia R	iver (Fa	Il pack)	15,60
Oreg	ton coal			10,00
To	tal		*********	387,72
190				Cases
Colu	mbia R	iver (Or	egen su sh. stđe	1146.30
Color	mbia B	tiver (Fa	ill pack)	38,00
	on coal	st	********	55,00

bunner year, when new records would be a bunner year, when new records would be established at some of the plants, at least. The artificial propagation of salmon has long passed the experimental stage, and the experience of the past few years has shown it to be a most effective means of lucreasing the runs of salmon, and of building up that valuable industry, the faberies, which until a few short year. fisheries, which until a few short years ago were fast falling into decay. Accordingly hatchery plants were established by the States of Oregon and Washington, and by the Government on the various tributaries to the Columbia River as early as 1895, and the work has since been pro ecuted with vigor and with an increased output each succeeding year until the present season.

The cause of the partial failure this

year iles not so much in a lack of preparations for handling the eggs as in the inability to secure a sufficient number of large salmon for hatchery purposes. Orgon operated two plants, instead of five. Washington three, in place of four, but the Government had five plants running.

the Government had ove plants running, instead of four.

When compared with 1963, the showing made, by the hatcheries this season is especially poor. Last year the chinook eggs taken amounted to 86,811,599, and m these 70,631,501 small fry were turned out. This year the total number of chinook eggs taken was 18,487,540, and, only 18,633,786 fry will be turned out. At the hatcheries along the coast streams much better results are being at-

tained, and the output will equal, if not exceed, that of 196. At Yaquina 2,500,000 eggs have been taken, the Coos Biver, plant has secured about 8,000,000, and at the Umpqua station the take exceeds 1.-