

Every step is intensely interesting. In some houses scrupulous cleanliness marks every stage of the work. Every implement, tank, and table used, as well as the floors and hands of the Chinamen, must frequently be washed. Mr. Hume even carries his notions of neatness so far as thoroughly to wash and wipe the cans before filling them. Yet, if possible, Mr. Kinney excels him in nicety. Not even the odor of fish could be detected in his establishment at the time of my call.

There were taken and canned along the Columbia last year 620,000 cases of salmon, containing 48 cans each. Complaints of a light run of fish this season are general, but the supply may be ample for all demands next year.

ASTORIA, OREG., July 13, 1885.

128.—SUMMARY OF FISH-CULTURAL WORK IN NORTH CAROLINA.

By S. G. WORTH.

Summary table of fish planted in North Carolina waters, 1877-'84.

Kinds of fish.	Number.
Shad planted from 1877 to 1884, inclusive	25,919,000
California salmon planted from 1877 to 1880, inclusive	748,000
Schoodic salmon planted in 1878	15,000
Brook trout planted in 1878 in North Fork of Swannanoa	50,000
German carp planted from 1870 to 1883, inclusive	39,216
Total.....	26,771,216

The details of the above are as follows :

Shad, 1877 to 1881, inclusive.

Tributary to—	Streams.	Total.	Plantings of the five years.					Total number in each.
			1877.	1878.	1879.	1880.	1881.	
Pamlico Sound.	Neuse	3,816,000	134,000	150,000	225,000	700,000	700,000	1,909,000
	Trent		125,000	200,000	200,000	325,000	325,000	
	Tar		50,000	250,000	200,000	790,000	270,000	1,560,000
Cape Fear River.	Contentnea Creek	1,940,000	52,000	.....	.....	.....	.....	52,000
	Haw River		70,000	.....	.....	.....	470,000	540,000
	Deep River .....		.....	.....	.....	600,000	.....	600,000
	Six Runs .....		.....	100,000	200,000	150,000	.....	450,000
	N. E. Cape Fear .....		.....	.....	.....	150,000	.....	150,000
Albemarle Sound.	Goshen Creek	10,963,000	.....	100,000	100,000	.....	.....	200,000
	Roanoke River .....		.....	380,000	350,000	150,000	.....	880,000
	Meherrin .....		.....	150,000	230,000	.....	.....	380,000
	Nottoway .....		.....	111,000	275,000	.....	.....	386,000
	Chowan .....		.....	200,000	.....	.....	.....	200,000
	Salmon Creek	1,508,000	210,000	1,075,000	1,860,000	1,860,000	4,653,000
South Carolina rivers.	Blackwater	680,000	.....	220,000	550,000	675,000	.....	1,445,000
	Albemarle Sound .....		.....	185,000	110,000	875,000	1,570,000	2,740,000
	Yadkin		73,000	50,000	240,000	100,000	.....	463,000
	Catawba	67,000	50,000	100,000	217,000	
Total			446,000	3,243,000	2,483,000	5,440,000	5,545,000	17,159,000

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Shad, 1882 to 1884, inclusive.

Date.	Place where planted.	Stream.	Tributary to—	No. of fish planted.
1882.				
April 16	Off Avoca.....	.....	Albemarle Sound.....	100,000
19	do.....	.....	do.....	100,000
26	Neuse.....	Neuse River.....	Pamlico Sound.....	200,000
28	Fayetteville.....	Cape Fear.....	Cape Fear River.....	210,000
May 1	Off Avoca.....	.....	Albemarle Sound.....	100,000
3	Rocky Mount.....	Tar River.....	Pamlico Sound.....	150,000
5	Neuse.....	Neuse River.....	do.....	150,000
8	Moncure.....	Cape Fear.....	Cape Fear.....	100,000
9	Off Avoca.....	.....	Albemarle Sound.....	525,000
10	Near Warsaw.....	Six Runs.....	Cape Fear.....	183,000
12	Off Avoca.....	.....	Albemarle Sound.....	250,000
12	Newport.....	Newport.....	Pamlico Sound.....	140,000
1883.				
April 21	Off Avoca.....	.....	Albemarle Sound.....	60,000
24	Neuse.....	Neuse River.....	Pamlico Sound.....	25,000
27	Franklin, Va.....	Blackwater.....	Albemarle Sound.....	200,000
29	Off Avoca.....	.....	do.....	400,000
30	Moncure.....	Cape Fear.....	Cape Fear.....	290,000
30	Franklin, Va.....	Blackwater.....	Albemarle Sound.....	78,000
May 2	Wilmington.....	Cape Fear.....	Cape Fear.....	240,000
3	Neuse.....	Neuse River.....	Pamlico Sound.....	88,000
5	do.....	do.....	do.....	78,000
6	Off Avoca.....	.....	Albemarle Sound.....	345,000
7	Rocky Mount.....	Tar River.....	Pamlico Sound.....	138,000
7	Off Avoca.....	.....	Albemarle Sound.....	1,315,000
9	Neuse.....	Neuse River.....	Pamlico Sound.....	50,000
10	Scotch Hall.....	.....	Albemarle Sound.....	200,000
11	Off Avoca.....	.....	do.....	60,000
12	Edenton.....	At Page's Fishery.....	do.....	400,000
14	Neuse.....	Neuse River.....	do.....	80,000
14	Snowden.....	.....	Currituck Sound.....	200,000
1884.				
April 15	Off Avoca.....	.....	Albemarle Sound.....	25,000
20	do.....	.....	do.....	60,000
24	do.....	.....	do.....	125,000
28	do.....	.....	do.....	75,000
May 1	do.....	.....	do.....	150,000
2	do.....	.....	do.....	100,000
3	do.....	.....	do.....	160,000
6	do.....	.....	do.....	120,000
7	do.....	.....	do.....	285,000
8	do.....	.....	do.....	75,000
9	do.....	.....	do.....	475,000
10	do.....	.....	do.....	175,000
April 28	Wilmington.....	Cape Fear.....	Cape Fear.....	215,000
May 10	do.....	.....	do.....	.....
April 29	New-Berne.....	Neuse.....	Pamlico Sound.....	25,000

California salmon, 1877 to 1880, inclusive.

Tributary to—	Streams.	Total.	Plantings of four years.				Total number in each.
			1877.	1878.	1879.	1880.	
South Carolina streams.	Yadkin.....	140,000	60,000	60,000	20,000	.....	140,000
Tennessee.....	Pigeon.....	} 37,000 {	10,000	.....	.....	.....	10,000
	Swannanoa.....		27,000	.....	.....	.....	27,000
Cape Fear.....	Deep.....	} 85,000 {	20,000	65,000	.....	.....	85,000
Catawba.....	Linville.....		12,000	30,000	5,000	.....	47,000
	John's.....	} 446,000 {	30,000	30,000	10,000	.....	70,000
	Catawba.....		50,000	.....	5,000	160,000	215,000
	Green.....	} 446,000 {	.....	30,000	.....	.....	30,000
	South Fork Catawba.....		.....	.....	12,000	.....	12,000
	Clark's Creek.....	} 40,000 {	.....	.....	2,000	.....	2,000
	Broad.....		25,000	50,000	.....	.....	75,000
Albemarle Sound	Dan River.....	} 40,000 {	20,000	20,000	.....	.....	20,000
	Town Creek.....		20,000	20,000	.....	.....	20,000
Total planting of each year.....			234,000	300,000	54,000	160,000	748,000

Landlocked salmon, 1878.

Date.		Number.
Apr. 5, 1878	John's River	1,000
	Linville River	4,400
	Mayo River	3,000
	Dan River	3,000
	Ponds near Charlotte	500
	Ponds near Greensborough	2,000
	Ponds near Morganton	600
	Ponds near Salisbury	1,000
	Total	15,500

Carp, 1879 to 1883, inclusive.

Year.	Distribution.	Number.
1879-'82 ..	Distributed to 1,226 persons*	24,520
1883	Distributed to 900 persons	14,690
	Total	39,210

* Living in ninety-one of the ninety-six counties of the State.

RALEIGH, N. C., *July 28, 1884.*

129.—A FOREIGNER'S OPINION OF AMERICAN FISH-CULTURE.

By Sir LYON PLAYFAIR.

[From the Angler's Note-Book, No. VI, 1884, pp. 91, 92.)

In regard to the special subject of carp, much progress has been made in the United States by the introduction of the two German varieties. It is curious that they should have done so before the mother country, for the remains of old fish-ponds are spread over England, and are almost always near the old monasteries. Tens of thousands of old carp-ponds once existed in England, but as the carp were no longer cultivated they reverted to their wild state and became valueless. In China and Germany the culture of carp is still an important industry. The United States in introducing the culture wisely selected the German species. In 1882 the carp bred in the commission ponds at Washington were distributed in lots of twenty to ten thousand applicants in every State and Territory. The average distance to which they were sent was 900 miles, and the total mileage of shipments was 9,000,000 miles; while the actual distance traversed by the transportation railway cars was 34,000 miles. Already German carp have been introduced into thirty thousand separate waters.

But I do not wish to limit my letter to carp by any means. Aquaculture has become an important affair of the State among our trans-