

on January 18 to engage in the Newfoundland frozen-herring trade, was detained by being frozen in at one of the harbors. She returned on May 12 with a cargo of 600 barrels pickled herring.

Fish landed at Gloucester by the fishing fleet in May, 1887.

Fishing grounds.	Fares.	Codfish.	Halibut.	Hake.	Cusk.	Pollock.	Had-dock.	Mack-erel.	Herring.
	No.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Bbls.	Bbls.
By Gloucester vessels :									
Sable Island Bank	71	2,446,000	90,400	.....	.....	.....	.....	.....	.....
Grand Bank	20	70,000	726,000	.....	.....	.....	.....	.....	.....
George's Bank	115	2,129,000	210,700	.....	2,000	.....	.....	.....	.....
Brown's Bank	3	81,000	16,400	.....	1,000	.....	.....	.....	.....
German Bank	1	25,000	.....	.....	.....	.....	.....	.....	.....
Cashe's Bank	1	15,000	.....	3,000	2,000	.....	.....	.....	.....
Quereau Bank	3	18,000	66,000	.....	.....	.....	.....	.....	.....
Off Sable Island	3	.....	78,000	.....	.....	.....	.....	.....	.....
Off Newfoundland	3	.....	111,000	.....	.....	.....	.....	.....	600
Off New England shore	121	838,100	.....	.....	.....	.....	32,505	.....	.....
Ipswich Bay	14	121,500	.....	.....	.....	.....	.....	.....	.....
Off Cape Ann (small boats) .....	.....	153,900	.....	.....	.....	.....	19,400	.....	.....
Off Cape Ann (traps) .....	.....	.....	.....	.....	.....	.....	.....	.....	298
Off New England shore	13	.....	.....	.....	.....	.....	.....	1,268	.....
Total	368	5,847,500	1,298,500	3,000	5,000	.....	51,905	1,268	898
By vessels belonging at other ports : *									
Jeffrey's Bank	18	383,000	.....	53,000	19,000	.....	37,000	.....	.....
George's Bank	3	41,000	.....	.....	.....	.....	.....	.....	.....
Ipswich Bay	8	248,000	.....	.....	.....	.....	.....	.....	.....
Sable Island Bank	2	170,000	4,000	.....	.....	.....	.....	.....	.....
Off New England shore	25	173,400	.....	12,000	7,000	832,000	9,400	.....	.....
Cashe's Bank	6	192,000	.....	18,000	28,000	.....	8,000	.....	.....
Middle Bank	2	22,000	.....	.....	.....	.....	2,000	.....	.....
Nantucket Shoals	5	63,000	31,500	.....	.....	.....	.....	.....	.....
Off New England shore	1	.....	.....	.....	.....	.....	.....	.....	110
Truro (weirs)	3	.....	.....	.....	.....	155,000	.....	.....	.....
Total	73	1,292,400	85,500	83,000	54,000	487,000	56,400	110	.....
Total for May, 1887	441	7,139,900	1,334,000	86,000	69,000	487,000	108,305	1,378	898
Total for May, 1886	235	4,565,000	1,088,990	5,400	.....	414,000	31,000	480	.....
Total for May, 1885	283	4,623,900	908,050	4,000	.....	693,000	1,000	5,579	.....

*The miscellaneous receipts from other ports during the month consisted of 1,000 barrels menhaden oil from Niantic, Conn

28.—THE FISHERIES OF GLOUCESTER, MASS., IN JUNE, 1887, WITH NOTES ON THOSE OF OTHER LOCALITIES.

By W. A. WILCOX.

The fisheries of Gloucester during the past month have not been as satisfactory as was anticipated. Vessels have sailed for the fishing grounds at frequent intervals, many of them starting on their first trips for the year, while others previously employed, after returning home with small fares, have refitted and again departed.

The receipts of cod at Gloucester during the month show a large increase over those of the corresponding month in 1886, but this increase is due to the large number of vessels from other ports landing their fares at Gloucester, and not to the greater abundance of fish. Codfish are reported to have been scarce on many of the distant fishing banks, and vessels have, as a rule, returned with only partial cargoes.

On George's the catch was larger than during the preceding month, but not equal to the light catch of June, 1886.

The schools of cod frequenting the shore waters off Cape Ann during the spring months have disappeared, and the catch in this locality has been light. Of the Gloucester vessels employed in the cod fisheries on the off-shore banks those using salt-clam bait exclusively have, as a rule, been more successful than those supplied with fresh bait. Many vessels depending entirely upon fresh bait have returned from Western Bank with an average of only 25,000 to 40,000 pounds. Among the arrivals of vessels fishing on Quereau, Grand, and Western Banks with salt clams are: Schooner M. H. Perkins, 140,000 pounds; schooner J. W. Collins, 140,000 pounds; schooner Druid, 135,000 pounds; schooner Flash, 90,000 pounds; and schooner Legal Tender, 60,000 pounds. Hake have been reported more abundant off the eastern portion of the New England coast, and on Cashe's and Jeffrey's Banks, during the month than during any preceding June for some years. A large percentage of the catch has been landed at Gloucester, and the receipts show a considerable increase.

Halibut have been scarce during the month, the Gloucester vessels arriving with small fares. The bulk of these fish are landed fresh and at once iced in boxes and distributed by rail to the trade. At times of oversupply the surplus is sent to the smoke-houses.

Pollock have been found in usual abundance off Cape Cod, being caught chiefly in traps and purse-seines.

The mackerel catch, although an improvement over that of 1886, has not thus far been satisfactory. Almost daily additions have been made to the mackerel fleet, and the fishing grounds about Block Island, off the New England and Nova Scotia shores, and in the Gulf of Saint Lawrence, have been well patrolled. At the close of the month the New England mackerel fleet numbered about 250 vessels, most of them cruising between Cape Cod and the Bay of Fundy, though about 30 sail had already entered the Gulf of Saint Lawrence. The first American seiner to enter the gulf during the present season was the schooner A. R. Crittenden, which passed through the Gut of Canso on June 15. The schooner Albert H. Harding followed soon after, but after a short cruise, during which not a single mackerel was seen, she returned, reaching Gloucester on June 27, and landed a cargo of 126 barrels, part of these being taken before entering the gulf and the remainder on her return passage after leaving same. Mackerel have schooled freely all along the New England coast, and occasional good catches have been made, but most of the schools have been small, containing only a few barrels. Much of the time the weather has been foggy, and seiners have been obliged to remain idle. The receipts have been light, and prices have advanced from \$6 per barrel to \$9 for sea-packed mackerel.

Herring of good size have been abundant along various portions of the shore between Cape Cod and Eastern Maine. The catch in weirs

and traps, and the occasional catches by the mackerel seiners, have been ample to supply the fishermen with bait at satisfactory prices. The small or sardine herring have been scarce most of the season in the vicinity of Eastport, and the canneries have done but little.

As far as known, the first swordfish of the season was caught off Block Island, and landed at New Bedford on June 11.

There has been a steady and good demand for all the varieties of salt fish, the receipts being taken at more satisfactory prices than those prevailing a year ago. No stock is accumulating. Prices for fresh sea fish have fluctuated, but the demand has been good, and cod and haddock have brought better prices than during June, 1866.

On June 30 there were 480 vessels, aggregating 30,848.02 tons, belonging in the district of Gloucester. Of these, 380 (over 20 tons each) aggregating 26,666.12 tons, and 49 (under 20 tons each) aggregating 556.07 tons, were employed in the fisheries. The fishing fleet of the district, when compared with that of June 30, 1886, shows a decrease of 8 vessels, and an increase of 164.23 tons; this increase in tonnage showing that larger-sized vessels have replaced those lost or sold.

Fish landed at Gloucester by the fishing fleet in June, 1887.

Fishing grounds.	Fares.	Mack- erel.	Codfish.	Halibut.	Hake.	Cusk.	Pol- lock.	Had- dock.	Her- ring.
	No.	Bbls.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Bbls.
By Gloucester vessels:									
George's Bank	137		2,351,000	175,600	2,000	3,000	3,000		
Western Bank	26		2,401,000	16,300					
Grand Bank	14		165,000	472,000					
Jeffrey's Bank	4		33,000		19,000			2,000	
Brown's Bank	2		73,000	1,800					
Cashe's Bank	3		55,000		35,000	5,000			
Quereau Bank	3		280,000	42,000					
Bay of Fundy	5		85,000	1,300	7,000		8,000		
La Have Bank	1			20,000					
Saint Paul Island	1			7,000					
Off Newfoundland	1			25,000					
Off New England shore	8		46,000		8,000			1,300	150
Off New England shore	44	3,356							
Off Nova Scotia Cape shore	20	3,855							
Off New England shore (small boats)			50,400		9,700			6,550	
Gloucester harbor (traps)				44,500					50
Off Magdalen Islands	2		75,000						
Total	271	7,211	5,614,400	805,500	80,700	8,000	11,000	9,850	200
By vessels belonging to other ports:*									
George's Bank	18		238,000	40,100					
Jeffrey's Bank	14		165,000		150,000	2,000		1,000	
Western Bank	8		855,000	1,800					
Quereau Bank	1			25,000					
Nova Scotia Cape shore	2		75,000						
Nantucket Shoals	1		4,000	7,000					
Cashe's Bank	20		450,000		239,000	7,000		4,000	
Off New England shore	22		133,000		72,000		422,500		80
Off New England shore	12	841							
Total	98	841	1,020,000	73,900	401,000	9,000	422,500	5,000	80
Total for June, 1887	369	8,052	7,534,400	879,400	541,700	17,000	433,500	14,850	280
Total for June, 1886	260	2,445	5,082,000	1,187,150	98,000	34,000	380,000		
Total for June, 1885	399	6,020	8,243,200	1,204,000	113,800	103,500	109,000		

*The miscellaneous receipts from other ports during the month consisted of 50 quintals cod, 50 quintals hake, 30 quintals cusk, and 150 quintals haddock, all from Maine.