wife, bluefish, and other migratory fish, concerning which much important information is yet to be obtained.

The spring mackerel fleet have been actively engaged in making ready for the work of the season. The first vessel to start, the schooner Mayflower, sailed from Gloucester on March 11, and was followed during the month by the steamer Novelty and 38 other mackerel vessels hailing from Maine and Massachusetts ports. Up to the close of the month no mackerel have been caught or seen.

A few vessels from Gloucester will go to Flemish Cap for codfish, but probably none will visit the Greenland coast this year. The Gloucester schooners Davy Crockett and Arthur D. Story sailed on halibut trips to the coast of Iceland on March 23, followed, two days later, by the Annie M. Jordan. The schooner Concord will soon sail for the same locality. No other American fishing vessels are expected to visit Iceland during the season.

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

<table>
<thead>
<tr>
<th>Fishing grounds</th>
<th>Number of boxes</th>
<th>Codfish (Pounds)</th>
<th>Halibut (Pounds)</th>
<th>Frozen herring (Number)</th>
<th>Pickled herring (Barrels)</th>
</tr>
</thead>
<tbody>
<tr>
<td>By Gloucester vessels:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>George's Bank</td>
<td>19</td>
<td>6,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grand Bank</td>
<td>18</td>
<td></td>
<td>312,400</td>
<td>803,000</td>
<td>725,000</td>
</tr>
<tr>
<td>Off Sable Island</td>
<td>4</td>
<td>400,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bay of Fundy</td>
<td>21</td>
<td>178,400</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fortune Bay</td>
<td>18</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ipswich Bay</td>
<td>58</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Off New England shore (by small boats)</td>
<td>6</td>
<td>6,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>227</td>
<td>8,731,400</td>
<td>1,047,000</td>
<td>1,556,000</td>
<td>100</td>
</tr>
<tr>
<td>By vessels belonging at other ports:*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ipswich Bay</td>
<td>7</td>
<td>77,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Off New England shore</td>
<td>3</td>
<td>0,900</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grand Bank</td>
<td>1</td>
<td></td>
<td>25,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bay of Fundy</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>12</td>
<td>83,900</td>
<td>25,000</td>
<td>140,000</td>
<td></td>
</tr>
<tr>
<td>Total in March, 1887</td>
<td>239</td>
<td>8,845,300</td>
<td>1,072,000</td>
<td>1,726,000</td>
<td>100</td>
</tr>
<tr>
<td>Total in March, 1887</td>
<td>180</td>
<td>4,568,334</td>
<td>1,106,100</td>
<td>1,860,000</td>
<td>100</td>
</tr>
</tbody>
</table>

Note.—The miscellaneous receipts from other ports during the month consisted of 1,600 boxes smoked herring, 1,090 quintals hake, 160 quintals cod, 25 quintals haddock, 25 quintals skates, and 21 barrels fish-oil from Maine; and 1,675 barrels fish-oil from Tiverton, R.I.

* These fish were landed by the following schooners: Venus, of Eastport, Me.; A. C. Newhall, of New Castle, N. H.; Franklin S. Scheunek and Mary S. Hontvet, of Portsmouth, N. H.; E. A. Williams, of Boston, Mass.; Mary E. Story, of Swampscott, Mass.; and Clara R. Grimes, Estelles S. Nunn, and Edith Conley, of Rockport, Mass.


By W. A. WILCOX.

The frozen-herring business of the past winter closed early in April. The Newfoundland trade, in which twenty-seven vessels from Gloucester were engaged, was quite successful. The first one in search of frozen herring sailed on November 20, the last on January 21. The first
arrival at the home port with frozen fish was on January 7, and the last on March 8. Herring of large size and good quality were found very abundant both at Fortune and Placentia bays. Twenty-six cargoes were secured at the former and two at the latter place, while one vessel in search of pickled herring sailed as early as September 17, securing her cargo at Bay of Islands. Unfortunately one schooner was caught in the ice at one of the harbors of Placentia Bay before taking any herring on board, and still remains ice-bound. All of the others secured full cargoes, and three made two trips apiece. All arrived home in safety and found a ready market for their herring at reasonable and satisfactory prices, selling mostly at $1 per hundred, count. The bulk of the receipts was used for bait. A few cargoes found sale at New York and Philadelphia, these being chiefly used for food.

The following table gives the detailed account of the herring business with Newfoundland for the winter of 1886-’87 by Gloucester vessels, these being, as far as known, the only American vessels employed in the trade. In addition to these, at least two Provincial vessels, namely, the Anna Robinson and the Festina Lenta, carried cargoes of frozen herring from Newfoundland to New York.

Quantity of frozen and pickled herring brought from Newfoundland by Gloucester vessels, from December 2, 1886, to March 8, 1887.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cecil H. Low</td>
<td>Nov. 20, '86</td>
<td>Jan. 7, '87</td>
<td>400,000</td>
<td>350,000</td>
<td>Fortune Bay</td>
<td>Gloucester, Mass.</td>
</tr>
<tr>
<td>Jennie Seavens</td>
<td>Dec. 1, '86</td>
<td>Feb. 1, '87</td>
<td>400,000</td>
<td>350,000</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>Spencer F. Baird</td>
<td>Dec. 1, '86</td>
<td>Feb. 1, '87</td>
<td>350,000</td>
<td>300,000</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>A. R. Crosswen</td>
<td>Dec. 13, '86</td>
<td>Feb. 1, '87</td>
<td>350,000</td>
<td>300,000</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>Eliza Evelyn</td>
<td>Dec. 3, '86</td>
<td>Feb. 1, '87</td>
<td>350,000</td>
<td>300,000</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>Orient</td>
<td>Dec. 3, '86</td>
<td>Feb. 1, '87</td>
<td>450,000</td>
<td>100,000</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>Davy Crockett</td>
<td>Dec. 1, '86</td>
<td>Jan. 8, '87</td>
<td>350,000</td>
<td>400,000</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>Herman Babson</td>
<td>Dec. 10, '86</td>
<td>Feb. 4, '87</td>
<td>350,000</td>
<td>400,000</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>Samuel V. Colby</td>
<td>Dec. 11, '86</td>
<td>Feb. 7, '87</td>
<td>380,000</td>
<td>50,000</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>Isaac A. Chapman</td>
<td>Dec. 14, '86</td>
<td>Feb. 24, '87</td>
<td>330,000</td>
<td>40,000</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>Centennial</td>
<td>Dec. 15, '86</td>
<td>Feb. 17, '87</td>
<td>420,000</td>
<td>60,000</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>Nellie M. Davis</td>
<td>Dec. 26, '86</td>
<td>Feb. 15, '87</td>
<td>300,000</td>
<td>50,000</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>Mayflower</td>
<td>Nov. 28, '86</td>
<td>Jan. 15, '87</td>
<td>400,000</td>
<td>70,000</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>William H. Jordan</td>
<td>Nov. 22, '86</td>
<td>Feb. 4, '87</td>
<td>350,000</td>
<td>30,000</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>Maggie and Lily</td>
<td>Nov. 24, '86</td>
<td>Feb. 7, '87</td>
<td>330,000</td>
<td>30,000</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>Ralston</td>
<td>Nov. 24, '86</td>
<td>Jan. 20, '87</td>
<td>400,000</td>
<td>30,000</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>Samuel S. Kebler</td>
<td>Nov. 24, '86</td>
<td>Feb. 2, '87</td>
<td>340,000</td>
<td>50,000</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>Molly Adams</td>
<td>Nov. 27, '86</td>
<td>Jan. 8, '87</td>
<td>50,000</td>
<td>1,100,000</td>
<td>Placentia Bay</td>
<td>do</td>
</tr>
<tr>
<td>Molly Adams (second trip)</td>
<td>Jan. 18, '87</td>
<td>Mar. 7, '87</td>
<td>425,000</td>
<td>100,000</td>
<td>Fortune Bay</td>
<td>do</td>
</tr>
<tr>
<td>Arthur D. Story</td>
<td>Sept. 17, '86</td>
<td>Dec. 2, '86</td>
<td>800,000</td>
<td>60,000</td>
<td>Bay of Islands</td>
<td>Gloucester, Mass.</td>
</tr>
<tr>
<td>Arthur D. Story (second trip)</td>
<td>Dec. 20, '86</td>
<td>Feb. 3, '87</td>
<td>350,000</td>
<td>60,000</td>
<td>Fortune Bay</td>
<td>do</td>
</tr>
<tr>
<td>Marguerite</td>
<td>Jan. 2, '87</td>
<td>Feb. 17, '87</td>
<td>400,000</td>
<td>100,000</td>
<td>Placentia Bay</td>
<td>do</td>
</tr>
<tr>
<td>&quot;John W. Bray&quot;</td>
<td>Jan. 18, '87</td>
<td>Mar. 8, '87</td>
<td>800,000</td>
<td>60,000</td>
<td>Fortune Bay</td>
<td>Gloucester, Mass.</td>
</tr>
<tr>
<td>Alice C. Jordan</td>
<td>Jun. 21, '87</td>
<td>Mar. 8, '87</td>
<td>800,000</td>
<td>60,000</td>
<td>Fortune Bay</td>
<td>Gloucester, Mass.</td>
</tr>
<tr>
<td>Mystery</td>
<td>Nov. 20, '86</td>
<td>Feb. 7, '87</td>
<td>500,000</td>
<td>50,000</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>William D. Daisley</td>
<td>Nov. 25, '86</td>
<td>Feb. 4, '87</td>
<td>380,000</td>
<td>60,000</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>John G. Whittier</td>
<td>Jun. 7, '87</td>
<td>Feb. 16, '87</td>
<td>380,000</td>
<td>50,000</td>
<td>do</td>
<td>do</td>
</tr>
<tr>
<td>James and Ella</td>
<td>Dec. 11, '86</td>
<td>Jan. 25, '87</td>
<td>300,000</td>
<td>50,000</td>
<td>do</td>
<td>do</td>
</tr>
</tbody>
</table>

* Schooner John W. Bray was frozen in at one of the harbors of Placentia Bay soon after reaching there, and still remains ice-bound.

**Quantity of frozen and pickled herring brought from Newfoundland by Gloucester vessels, from December 2, 1886, to March 8, 1887.**
The Bay of Fundy frozen herring business during the past winter has been much below the average. Herring were scarce much of the time, and the business was more or less restricted by our fishery complications with the Provinces. The following table gives the quantities brought by Gloucester vessels:

**Quantity of frozen herring brought from the Bay of Fundy by Gloucester vessels during the winter of 1886-'87.**

<table>
<thead>
<tr>
<th>Name of vessel</th>
<th>Date of arrival at Gloucester</th>
<th>Number of frozen herring</th>
<th>Where obtained</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ada R. Terry</td>
<td>Jan. 5, '87</td>
<td>210,000</td>
<td>Grand Manan</td>
</tr>
<tr>
<td>Ada R. Terry (second trip)</td>
<td>Mar. 9, '87</td>
<td>260,000</td>
<td>Do.</td>
</tr>
<tr>
<td>Enola C (second trip)</td>
<td>Jan. 17, '87</td>
<td>180,000</td>
<td>Saint George</td>
</tr>
<tr>
<td>Margie Smith (second trip)</td>
<td>Mar. 9, '87</td>
<td>250,000</td>
<td>Welsh Pool</td>
</tr>
<tr>
<td>William H. Foye</td>
<td>Apr. 4, '87</td>
<td>180,000</td>
<td>Saint George</td>
</tr>
<tr>
<td>William H. Foye (second trip)</td>
<td>Mar. 9, '87</td>
<td>220,000</td>
<td>Do.</td>
</tr>
<tr>
<td>Volunteer</td>
<td>Feb. 14, '87</td>
<td>250,000</td>
<td>Do.</td>
</tr>
<tr>
<td>Commonwealth</td>
<td>Feb. 24, '87</td>
<td>250,000</td>
<td>Do.</td>
</tr>
<tr>
<td>Sarah P. Ayer</td>
<td>Mar. 4, '87</td>
<td>101,000</td>
<td>Beaver Harbor</td>
</tr>
<tr>
<td>Clyde</td>
<td>Mar. 12, '87</td>
<td>2,666,000</td>
<td>Saint George</td>
</tr>
</tbody>
</table>

After touching and reporting at Gloucester, a few of these vessels proceeded to Boston and disposed of their fish for bait and food, though the larger portion was sold at Gloucester for bait.

The cargoes mentioned in the above table constituted the bulk of the receipts by American sailing vessels from the Bay of Fundy, though the schooners Venus and Flora Wooster, of Eastport, brought 320,000 and 33,000, respectively, and the Charles H. Kelley, of Boston, brought 160,000. The fish brought by the first-named vessels were obtained at Saint George, and those by the last-named from Grand Manan. In addition to those brought by sailing craft, large quantities of frozen herring were shipped by rail and steamer from Eastport and other fishery centers, to the principal markets of the New England and Middle States.

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26.—**THE FISHERIES OF GLOUCESTER, MASS., IN APRIL, 1887, WITH NOTES ON THOSE OF OTHER LOCALITIES.**

By W. A. Wilcox.

Although April is a spring month, the weather has much resembled that of midwinter, with heavy falls of snow occurring so late as the 18th. The cold weather and frequent storms have considerably delayed the vessels in beginning their season's work. During the month comparatively few Gloucester vessels have been employed, these fishing mostly on George's Bank and off Cape Ann, though a small fleet has fished on the Western Bank for cod and halibut.