

## XI.—STATISTICS OF FISH AND FISHERIES ON THE SOUTH SHORE OF NEW ENGLAND.

TABLE 1.—*Account of fish taken by Jason Luce & Co., at Menemsha Bight, Martha's Vineyard*

| Kind.                         | 1869—April 4 to<br>June 7. | 1870—April 14 to<br>June 8. | 1871—April 14 to<br>June 9. | 1872.      |
|-------------------------------|----------------------------|-----------------------------|-----------------------------|------------|
|                               | <i>No.</i>                 | <i>No.</i>                  | <i>No.</i>                  | <i>No.</i> |
| Herring .....                 | 52,500                     | *61,200                     | 22,100                      | 143,600    |
| Tautog .....                  | 275                        | 500                         | 1,242                       | 1,000      |
| Dog-fish .....                | 79,000                     | 53,000                      | 64,162                      | 127,500    |
| Striped-bass .....            | 125                        | 150                         | 250                         | 400        |
| Scup .....                    | 380                        | 70                          | 684                         | 1,011      |
| Shad .....                    | 300                        | 550                         | 125                         | .....      |
| Mackerel .....                | 15,900                     | †150,000                    | 60,800                      | 2,050      |
| Sea-robin .....               | 2,500                      | 2,500                       | 2,500                       | .....      |
| Menhaden .....                | 1,590                      | 1,375                       | 3,200                       | 3,800      |
| Sea-bass .....                | 300                        | 6,400                       | 500                         | 1,500      |
| Salmon .....                  | 12                         | .....                       | .....                       | 3          |
| Squeteague or weak fish ..... | .....                      | 14,000                      | 23,000                      | 45,700     |
| Blue-fish .....               | .....                      | 4,000                       | 7,030                       | 1,000      |
| Flounders .....               | .....                      | .....                       | .....                       | 19         |
| Spanish mackerel .....        | .....                      | .....                       | .....                       | 470        |
| Cero .....                    | .....                      | .....                       | .....                       | 12         |

\* One-third English.

† 1,000 barrels.

‡ 1 April 27; 1 May 19.

Sea-bass are usually taken last of May. More taken in 1870 than for five years previous.

Seventy barrels of scup (1870) is the smallest catch in any year since we have been in the business.

More shad taken in 1870 than in all previous years taken together. Usually taken from April 25 to May 10.

Striped bass average 3 pounds. We call them sand-bass.

Usual number of sea-robins, 2,500 to 2,000 barrels. They are turned over the side of the pound as being worthless.

First blue-fish in 1871 caught May 26.

Menhaden are taken from April 21 to May 25; two in advance in 1871.

Scup taken from April 25 to May 18; in 1871, ten to fifteen days earlier than usual.

Striped bass in 1871, taken from April 18 to May 5; mackerel from April 18 to May 27; rock-bass from April 14 to May 10.

Blue-fish are first seen schooling in our bay by the middle of June. Very few are taken here, for the reason that they appear to be at home, and not traveling. Fish cannot be trapped unless they are on a course. I have seen acres of them all around our trap in the bay; but when the trap is hauled we get only fifty or a hundred.

Mackerel first taken in 1872, May 11; first scup taken May 10; squeteague, July 4; cero, September 15; salmon, May 29; sea-bass, May 28.

TABLE II.—General return of the Waquoit weir for 1871.

| Day.     | Weather.             | TEMPERATURE. |        | Scup. | Mackerel. | Blue-fish. | Tautog. | Plaice, flat-fish, turbot. | Alewives. | Shad. | Menhaden. | Dog-fish. | Skate. | Squid. |       |       |        |
|----------|----------------------|--------------|--------|-------|-----------|------------|---------|----------------------------|-----------|-------|-----------|-----------|--------|--------|-------|-------|--------|
|          |                      | Air.         | Water. |       |           |            |         |                            |           |       |           |           |        |        |       |       |        |
| March 24 |                      |              |        |       |           |            |         |                            | 1,840     |       |           |           |        |        |       |       |        |
| April 3  |                      |              |        |       |           |            |         |                            | 357       |       |           |           |        |        |       |       |        |
| 6        |                      |              |        |       |           |            |         |                            | 6,400     |       |           |           |        |        |       |       |        |
| 10       |                      |              |        |       |           |            |         |                            | 5,850     | 1     |           |           |        |        |       |       |        |
| 11       |                      |              |        |       |           |            |         |                            | 2,340     |       |           |           |        |        |       |       |        |
| 14       |                      |              |        |       |           |            |         |                            | 13,250    |       |           |           |        |        |       |       |        |
| 17       |                      |              |        |       |           |            |         |                            | 7,000     | 23    |           |           |        |        |       |       |        |
| 18       | Fine                 | 54           | 50     |       | 1         | 6          | 314     |                            | 4,056     | 11    |           |           | 89     |        |       |       |        |
| 19       | Cloud                | 51           | 50     |       |           | 9          | 215     |                            | 4,100     | 5     |           |           | 60     |        |       |       |        |
| 20       | Breeze, Rain         | 51           | 49     |       |           | 22         | 500     |                            | 2,600     | 16    |           |           | 200    |        |       |       |        |
| 21       | Clear, Fog           | 59           | 52     |       |           | 5          | 230     |                            | 2,300     | 2     | 6,000     |           | 110    | 6      |       |       |        |
| 22       | Cloudy               | 69           | 51     |       | 1         | 9          | 565     |                            |           | 1     |           |           | 20     |        |       |       |        |
| 23       | Cloud, Breeze        | 56           | 50     |       |           |            |         |                            |           |       |           |           |        |        |       |       |        |
| 24       | Clear, Breeze        | 55           | 51     |       |           | 1          |         |                            |           |       | 13,300    |           |        |        |       |       |        |
| 25       | Clear, Cloud         | 59           | 51     |       | 1         | 1          | 6       | 125                        | 30        |       |           | 30        | 197    | 6      |       |       |        |
| 26       | Clear                | 63           | 52     |       |           | 1          |         | 1                          |           |       |           |           | 5      |        |       |       |        |
| 27       | Cloud, Breeze        | 50           | 52     |       | 2         | 11         | 26      | 30                         |           |       |           | 212       | 133    |        |       |       |        |
| 28       | Breeze, Rain         | 50           | 51     |       |           | 7          | 30      |                            |           |       |           | 204       | 29     |        |       |       |        |
| 29       | Cloud                | 54           | 51     |       | 3         | 27         | 64      |                            |           |       |           | 476       | 86     |        |       |       |        |
| 30       | Cloud, Clear         | 57           | 53     |       |           |            |         |                            |           |       |           |           |        |        |       |       |        |
| May 1    | Cloud, Clear         | 56           | 52     |       | 6         |            | 5       | 103                        |           |       | 17,420    | 381       | 206    | 400    |       |       |        |
| 2        | Clear                | 58           | 54     |       |           |            | 3       | 35                         |           |       |           | 201       | 175    | 2,500  |       |       |        |
| 3        | Cloud                | 64           | 54     |       |           |            |         | 75                         |           | 1     |           | 716       | 220    | 6,000  |       |       |        |
| 4        | Wind, Rain           | 44           | 52     |       |           |            |         |                            |           |       |           |           |        |        |       |       |        |
| 5        | Thick, Rain          | 56           | 52     |       |           |            |         | 49                         |           |       | 33,920    | 162       | 170    | 200    |       |       |        |
| 6        | Cloud, Breeze        | 48           | 52     |       |           |            |         |                            |           |       |           |           |        |        |       |       |        |
| 7        | Cloud, Breeze        | 54           | 52     |       |           |            |         |                            |           |       |           |           |        |        |       |       |        |
| 8        | Cloud, Gale          | 56           | 52     |       |           |            |         |                            |           |       |           |           |        |        |       |       |        |
| 9        | Cloud, Breeze        | 55           | 52     |       | 2         |            |         | 42                         |           |       | 10,020    | 988       | 525    |        |       |       |        |
| 10       | Cloud, Rain          | 59           | 52     |       | 27        |            |         | 2                          |           | 3     | 16,800    | 307       | 158    | 400    |       |       |        |
| 11       | Clear, Cloud         | 58           | 53     |       |           |            |         |                            |           |       | 14,945    |           |        |        |       |       |        |
| 12       | Clear, Cloud, Breeze | 60           | 54     |       |           |            |         |                            |           |       |           |           |        |        |       |       |        |
| 13       | Cloud, Breeze        | 56           | 53     |       | 59        | 4          |         | 5                          |           | 6     | 14,200    | 1,026     | 151    | 600    |       |       |        |
| 14       | Cloud, Breeze        | 56           | 53     |       |           |            |         |                            |           |       |           |           |        |        |       |       |        |
| 15       | Cloud, Clear, Breeze | 59           | 54     |       | 8         | 3          | 15      |                            |           | 17    | 7,300     |           | 39     | 2,000  |       |       |        |
| 16       | Clear                | 66           | 54     |       | 5         | 12         | 4       |                            |           |       | 900       |           | 22     | 3,000  |       |       |        |
| 17       | Cloud                | 66           | 55     |       |           |            | 20      |                            |           |       |           |           |        |        |       |       |        |
| 18       | Clear, Breeze        | 55           | 56     |       | 58        | 6          | 4       |                            |           | 24    | 1,280     |           | 33     | 6,000  |       |       |        |
| 19       | Clear                | 63           | 58     |       | 23        | 3          | 15      |                            |           | 5     | 1,040     |           | 26     | 4,000  |       |       |        |
| 20       | Clear                | 72           | 58     |       | 32        |            | 11      |                            |           | 4     | 7,600     | 6         | 10     | 5,000  |       |       |        |
| 21       | Clear, Breeze        | 68           | 60     |       |           |            |         | 16                         |           |       |           |           |        |        |       |       |        |
| 22       | Cloud, Fog           | 73           | 61     |       | 85        |            |         |                            |           | 4     | 6,000     | 50        | 40     | 1,500  |       |       |        |
| 23       | Smoky                | 75           | 62     |       | 6         |            |         | 16                         |           |       | 26,000    | 25        | 16     | 2,000  |       |       |        |
| 24       | Smoky, Breeze        | 69           | 57     |       | 9         |            |         | 7                          |           |       | 2,205     | 3         | 7      |        |       |       |        |
| 25       | Clear, Smoky, Breeze | 65           | 57     |       | 2         | 3          | 7       |                            |           |       | 780       | 1         | 9      | 2,000  |       |       |        |
| 26       | Cloud, Rain          | 65           | 58     |       |           |            |         |                            |           |       |           |           |        |        |       |       |        |
| 27       | Cloud, Breeze        | 62           | 60     |       | 11        | 2          | 7       |                            |           |       |           | 2         | 34     |        |       |       |        |
| 28       | Clear, Breeze        | 65           | 62     |       |           |            |         |                            |           |       |           |           |        |        |       |       |        |
| 29       | Clear, Breeze        | 67           | 62     |       | 1         | 63         |         |                            |           |       |           |           | 31     |        |       |       |        |
| 30       | Thick, Breeze        | 72           | 62     |       |           |            |         |                            |           |       |           |           |        |        |       |       |        |
| 31       | Cloud, Showers       | 78           | 62     |       | 2         | 1          |         |                            |           | 1     | 40,300    |           | 22     |        |       |       |        |
| June 1   | Cloud                | 65           | 62     |       | 11        | 1          |         |                            |           |       | 13,260    |           | 3      |        |       |       |        |
| 2        | Fog, Breeze          | 66           | 63     |       | 1         | 83         |         |                            |           |       |           |           | 5      |        |       |       |        |
| 3        | Fog, Breeze          | 73           | 63     |       |           | 66         |         | 1                          |           |       |           |           | 3      |        |       |       |        |
| 4        | Cloud, Thunder       | 82           | 63     |       |           |            |         |                            |           |       |           |           |        |        |       |       |        |
| 5        | Clear, Breeze        | 68           | 63     |       |           | 76         | 2       |                            |           |       |           |           | 6      |        |       |       |        |
| 6        | Cloud                | 73           | 66     |       |           | 10         | 1       |                            |           |       |           |           | 5      |        |       |       |        |
| 7        | Cloud, Rain, Breeze  | 76           | 66     |       |           |            |         |                            |           |       |           |           |        |        |       |       |        |
| 8        | Fog, Rain, Breeze    | 68           | 66     |       | 1         |            | 20      |                            |           |       |           |           |        |        |       |       |        |
| 9        | Hazy, Clear          | 80           | 66     |       |           | 27         |         |                            |           |       |           |           | 30     |        |       |       |        |
| 10       | Clear, Breeze        | 75           | 67     |       | 48        | 25         | 2       | 1                          |           |       | 7,540     |           | 20     |        |       |       |        |
| 11       | Rain, Breeze         | 81           | 67     |       |           |            |         | 40                         |           |       |           |           | 20     |        |       |       |        |
| 12       | Fog, Breeze          | 64           | 67     |       |           |            |         | 10                         |           |       |           |           |        |        |       |       |        |
| 13       | Clear, Cloud, Breeze | 70           | 65     |       | 1         | 127        |         |                            |           |       |           |           | 27     |        |       |       |        |
| 14       | Cloud, Breeze        | 70           | 66     |       |           | 68         | 1       |                            |           |       | 27,300    |           | 2      |        |       |       |        |
| 15       | Cloud, Rain          | 60           | 64     |       |           |            |         |                            |           |       |           |           |        |        |       |       |        |
| 16       | Cloud                | 73           | 65     |       |           | 81         |         |                            |           |       | 93        |           | 3      |        |       |       |        |
| 17       | Clear, Cloud         | 75           | 64     |       |           | 31         |         |                            |           |       | 19        |           |        |        |       |       |        |
| Total    |                      |              |        |       | 151       | 227        | 691     | 148                        | 2,578     | 50    | 153       | 124       | 270    | 222    | 4,790 | 2,923 | 35,612 |

NOTE.—The statistics of the Waquoit weir (Tables II to V) are taken from the report of the Massachusetts commissioners of inland fisheries for 1871. This weir was leased by the commissioners for the purpose of securing exact statistics on the subject of pound-fishing.

FISHERIES ON THE SOUTH SHORE OF NEW ENGLAND. 175

TABLE III.—Return of dog-fish and blue-fish at Waquoit Weir for seven years.

|         | DOG-FISH. |       |       |       |       |       |       | BLUE-FISH. |       |       |       |       |       |       |
|---------|-----------|-------|-------|-------|-------|-------|-------|------------|-------|-------|-------|-------|-------|-------|
|         | 1865.     | 1866. | 1867. | 1868. | 1869. | 1870. | 1871. | 1865.      | 1866. | 1867. | 1868. | 1869. | 1870. | 1871. |
| April 9 | 1         |       |       |       |       |       |       |            |       |       |       |       |       |       |
| 13      | 1         |       |       |       |       | 1     |       |            |       |       |       |       |       |       |
| 15      |           |       | 1     |       |       |       |       |            |       |       |       |       |       |       |
| 16      |           |       |       |       |       |       |       |            |       |       |       |       |       |       |
| 17      |           |       |       |       |       |       |       |            |       |       |       |       |       |       |
| 18      |           | 1     |       |       |       |       |       |            |       |       |       |       |       |       |
| 19      |           | 1     |       |       |       |       |       |            |       |       |       |       |       |       |
| 20      |           | 1     |       |       |       |       | 1     |            |       |       |       |       |       |       |
| 21      |           |       |       |       |       |       | 1     |            |       |       |       |       |       |       |
| 22      | 6         |       |       |       |       |       |       |            |       |       |       |       |       |       |
| 23      |           |       |       |       |       |       |       |            |       |       |       |       |       |       |
| 24      |           |       |       |       |       |       |       |            |       |       |       |       |       |       |
| 25      |           |       |       |       |       |       | 30    |            |       |       |       |       |       |       |
| 26      | 42        |       |       |       |       |       |       |            |       |       |       |       |       |       |
| 27      | 15        |       |       |       |       |       | 212   |            |       |       |       |       |       |       |
| 28      | 50        |       |       |       |       |       | 204   |            |       |       |       |       |       |       |
| 29      |           |       |       |       |       |       | 476   |            |       |       |       |       |       |       |
| 30      |           |       |       |       |       |       |       |            |       |       |       |       |       |       |
| May 1   | 208       |       |       |       |       |       | 381   |            |       |       |       |       |       |       |
| 2       | 50        |       |       |       |       |       | 201   |            |       |       |       |       |       |       |
| 3       |           |       |       |       |       |       | 716   |            |       |       |       |       |       |       |
| 4       |           |       |       |       |       |       |       |            |       |       |       |       |       |       |
| 5       |           |       |       |       |       |       | 162   |            |       |       |       |       |       |       |
| 6       |           |       | 100   |       |       |       |       |            |       |       |       |       |       |       |
| 7       |           |       |       |       |       |       |       |            |       |       |       |       |       |       |
| 8       |           |       |       |       |       |       |       |            |       |       |       |       |       |       |
| 9       |           |       |       |       |       |       | 988   |            |       |       |       |       |       |       |
| 10      |           |       |       |       |       |       | 307   |            |       |       |       |       |       |       |
| 11      |           |       |       |       |       |       |       |            |       |       |       |       |       |       |
| 12      | 1,500     |       |       |       |       |       |       |            |       |       |       |       |       |       |
| 13      |           |       |       |       |       |       | 1,026 |            |       |       |       |       |       |       |
| 14      |           |       |       |       |       |       |       |            |       | 2     |       |       |       |       |
| 15      |           |       |       |       | 1,000 |       |       | 10         |       |       |       |       |       |       |
| 16      |           |       |       |       |       |       |       |            |       |       |       |       | 14    |       |
| 17      |           |       |       |       |       |       |       |            |       |       |       |       |       |       |
| 18      |           |       | 700   |       | 500   |       |       |            |       |       |       |       |       | 25    |
| 19      |           |       |       |       | 1,000 | 500   |       |            |       |       |       |       |       |       |
| 20      |           |       | 800   |       | 500   |       | 6     | 200        |       | 15    |       |       |       |       |
| 21      |           | 800   | 2,000 |       |       |       |       |            |       |       |       | 100   |       |       |
| 22      |           |       |       |       |       |       | 50    |            |       |       |       |       |       |       |
| 23      |           | 200   | 200   |       |       |       | 25    | 203        | 1     |       | 230   |       |       |       |
| 24      |           | 200   | 100   |       |       |       | 3     | 270        |       | 400   |       |       |       | 9     |
| 25      |           |       |       |       |       |       | 1     | 67         |       | 300   | 200   | 160   |       |       |
| 26      |           |       |       |       |       |       | 2     | 62         |       |       | 200   |       |       |       |
| 27      |           |       |       |       |       |       |       | 164        |       |       | 150   | 225   |       | 11    |
| 28      |           |       |       |       |       |       |       |            |       | 246   | 160   | 135   |       |       |
| 29      |           |       |       |       |       |       |       | 94         |       | 164   |       | 150   |       | 63    |
| 30      |           |       |       |       |       |       |       | 146        | 6     |       |       |       |       |       |
| 31      |           |       |       |       |       |       |       | 220        |       |       |       |       |       | 2     |
| Total   | 1,871     | 1,203 | 3,901 |       | 3,001 | 502   | 4,700 | 1,526      | 7     | 1,127 | 940   | 810   | 39    | 85    |

176 REPORT OF COMMISSIONER OF FISH AND FISHERIES.

TABLE IV.—Consolidated returns of alewives, shad, menhaden, bass, blue-fish, and dog-fish, at Waquoit Weir, for seven years.

| Date.                      | 1865.   | 1866.   | 1867.   | 1868.   | 1869.   | 1870.   | 1871.   |
|----------------------------|---------|---------|---------|---------|---------|---------|---------|
| ALEWIVES.                  |         |         |         |         |         |         |         |
| March 17 to April 20 ..... | 323,610 | 63,749  | 46,914  | 7,837   | 36,604  | 52,717  | 47,793  |
| April 20 to May 29 .....   | 85,050  | 7,500   | 11,960  | 27,680  | 3,900   | 22,755  | 2,360   |
| Total .....                | 408,660 | 71,249  | 58,874  | 35,517  | 44,504  | 75,472  | 50,153  |
| SHAD.                      |         |         |         |         |         |         |         |
| April 8 to 20 .....        | 26      | 33      | 63      | 13      | 7       | 62      | 56      |
| April 20 to May 15 .....   | 645     | 269     | 346     | 1,642   | 439     | 523     | 30      |
| May 15 to 31 .....         |         |         |         | 400     |         |         | 38      |
| Total .....                | 671     | 302     | 409     | 2,055   | 446     | 585     | 124     |
| MENHADEN.                  |         |         |         |         |         |         |         |
| April 21 to May 15 .....   | 175,300 | 213,730 | 82,680  | 45,706  | 66,680  | 152,590 | 136,005 |
| May 16 to June 2 .....     | 35,800  | 164,780 | 121,060 | 79,020  | 79,030  | 255,340 | 99,256  |
| Total .....                | 211,100 | 378,510 | 203,740 | 124,726 | 145,710 | 407,930 | 235,261 |
| BASS.                      |         |         |         |         |         |         |         |
| April 14 to 20 .....       | 35      |         |         |         |         |         | 69      |
| April 21 to May 15 .....   | 81      | 7       | 111     | 65      | 25      | 51      | 10      |
| May 15 .....               | 10      |         | 18      |         |         |         | 7       |
| Total .....                | 126     | 7       | 129     | 65      | 25      | 51      | 68      |
| BLUE-FISH.                 |         |         |         |         |         |         |         |
| May 14 to 31 .....         | 1,526   | 7       | 1,127   | 940     | 840     | 39      | 85      |
| DOG-FISH.                  |         |         |         |         |         |         |         |
| April 9 to May 6 .....     | 373     | 3       | 101     |         | 1       | 2       | 2,382   |
| May 7 to 31 .....          | 1,569   | 1,200   | 3,800   |         | 3,000   | 500     | 2,408   |
| Total .....                | 1,942   | 1,203   | 3,901   |         | 3,001   | 502     | 4,790   |

TABLE V.—Days of first appearance of alewives, scup, blue-fish, and menhaden, at Waquoit Weir, for thirteen years.

| Year.      | Alewives. | Scup.    | Blue-fish. | Menhaden. |
|------------|-----------|----------|------------|-----------|
| 1859 ..... | April 7   | May 5    | May 16     | May 6     |
| 1860 ..... | April 3   | May 2    | May 15     | May 4     |
| 1861 ..... | April 1   | April 27 | May 17     | May 1     |
| 1862 ..... | March 30  | May 10   | May 13     | May 6     |
| 1863 ..... | March 29  | May 8    | May 15     | May 2     |
| 1864 ..... | March 28  | May 6    | May 17     | May 5     |
| 1865 ..... | March 29  | May 1    | May 16     | May 1     |
| 1866 ..... | April 2   | May 8    | May 15     | May 7     |
| 1867 ..... | March 28  | May 4    | May 14     | May 3     |
| 1868 ..... | March 30  | May 10   | May 19     | May 15    |
| 1869 ..... | March 31  | May 7    | May 17     | May 10    |
| 1870 ..... | March 29  | May 2    | May 16     | May 8     |
| 1871 ..... | March 24  | April 25 | May 24     | April 21  |

<sup>a</sup> Dates when first plenty. The weir takes alewives when first set; probably some come a little earlier.

FISHERIES ON THE SOUTH SHORE OF NEW ENGLAND. 177

TABLE VI.—Account of blue-fish caught with a line by Josiah C. Pease about Edgartown, Massachusetts, 1865-1871.

| Month.    | First fish caught. | Last fish caught. | Number of days in month. | Sum total of days. | Number of fish. | Sum total of fish in season. | Average per day in month. | Average per day in season. |
|-----------|--------------------|-------------------|--------------------------|--------------------|-----------------|------------------------------|---------------------------|----------------------------|
| 1865.     |                    |                   |                          |                    |                 |                              |                           |                            |
| May       | 24th               |                   | 6                        |                    | 58              |                              | 9                         |                            |
| June      |                    |                   | 20                       |                    | 626             |                              | 31                        |                            |
| July      |                    |                   | 15                       |                    | 796             |                              | 53                        |                            |
| August    |                    |                   | 15                       |                    | 1,790           |                              | 53                        |                            |
| September |                    | 24th              | 10                       |                    | 349             |                              | 35                        |                            |
| October   |                    |                   |                          | 66                 |                 | 2,619                        |                           | 40                         |
| 1866.     |                    |                   |                          |                    |                 |                              |                           |                            |
| May       |                    |                   |                          |                    |                 |                              |                           |                            |
| June      |                    |                   |                          |                    |                 |                              |                           |                            |
| July      | 18th               |                   | 11                       |                    | 913             |                              | 83                        |                            |
| August    |                    |                   | 18                       |                    | 1,792           |                              | 99                        |                            |
| September |                    | 24th              | 7                        |                    | 323             |                              | 46                        |                            |
| October   |                    |                   |                          | 36                 |                 | 3,028                        |                           | 84                         |
| 1867.     |                    |                   |                          |                    |                 |                              |                           |                            |
| May       | 27th               |                   | 5                        |                    | 176             |                              | 35                        |                            |
| June      |                    |                   | 17                       |                    | 1,518           |                              | 89                        |                            |
| July      |                    |                   | 21                       |                    | 1,695           |                              | 80                        |                            |
| August    |                    | 30th              | 11                       |                    | 333             |                              | 30                        |                            |
| September |                    |                   |                          |                    |                 |                              |                           |                            |
| October   |                    |                   |                          | 55                 |                 | 3,722                        |                           | 67                         |
| 1868.     |                    |                   |                          |                    |                 |                              |                           |                            |
| May       | 25th               |                   | 5                        |                    | 392             |                              | 78                        |                            |
| June      |                    |                   | 13                       |                    | 757             |                              | 58                        |                            |
| July      |                    |                   | 18                       |                    | 1,148           |                              | 63                        |                            |
| August    |                    |                   | 22                       |                    | 2,029           |                              | 92                        |                            |
| September |                    |                   | 17                       |                    | 464             |                              | 27                        |                            |
| October   |                    | 23d               | 13                       |                    | 208             |                              | 16                        |                            |
|           |                    |                   |                          | 88                 |                 | 4,998                        |                           | 57                         |
| 1869.     |                    |                   |                          |                    |                 |                              |                           |                            |
| May       |                    |                   |                          |                    |                 |                              |                           |                            |
| June      | 1st                |                   | 15                       |                    | 1,314           |                              | 87                        |                            |
| July      |                    |                   | 22                       |                    | 1,913           |                              | 86                        |                            |
| August    |                    |                   | 22                       |                    | 1,352           |                              | 61                        |                            |
| September |                    |                   | 16                       |                    | 304             |                              | 19                        |                            |
| October   |                    | 23d               | 8                        |                    | 15              |                              | 2                         |                            |
|           |                    |                   |                          | 83                 |                 | 4,898                        |                           | 59                         |
| 1870.     |                    |                   |                          |                    |                 |                              |                           |                            |
| May       | 30th               |                   | 1                        |                    | 61              |                              | 61                        |                            |
| June      |                    |                   | 14                       |                    | 557             |                              | 39                        |                            |
| July      |                    |                   | 16                       |                    | 713             |                              | 44                        |                            |
| August    |                    |                   | 21                       |                    | 942             |                              | 45                        |                            |
| September |                    |                   | 15                       |                    | 274             |                              | 18                        |                            |
| October   |                    | 18th              | 6                        |                    | 273             |                              | 45                        |                            |
|           |                    |                   |                          | 73                 |                 | 2,820                        |                           | 39                         |
| 1871.     |                    |                   |                          |                    |                 |                              |                           |                            |
| May       | 29th               |                   | 2                        |                    | 55              |                              | 27                        |                            |
| June      |                    |                   | 23                       |                    | 962             |                              | 42                        |                            |
| July      |                    |                   | 20                       |                    | 1,370           |                              | 68                        |                            |
| August    |                    |                   | 19                       |                    | 1,570           |                              | 83                        |                            |
| September |                    | 28th              | 15                       |                    | 500             |                              | 33                        |                            |
| October   |                    |                   |                          | 79                 |                 | 4,457                        |                           | 56                         |

SUMMARY.

|      |         |          |     |        |
|------|---------|----------|-----|--------|
| 1865 | May 24  | Sept. 24 | 66  | 2,619  |
| 1866 | July 18 | Sept. 28 | 36  | 3,028  |
| 1867 | May 27  | Aug. 30  | 55  | 3,722  |
| 1868 | May 25  | Oct. 23  | 88  | 4,998  |
| 1869 | June 1  | Oct. 23  | 83  | 4,898  |
| 1870 | May 30  | Oct. 18  | 73  | 2,820  |
| 1871 | May 29  | Sept. 28 | 79  | 4,457  |
|      |         |          | 480 | 26,542 |
|      |         |          |     | 55     |

TABLE VII.—Account of fish landed at Barter's Wharf, Hyannis, Massachusetts.

| *1870.          | Flat-fish. |          | Scup.   |          | Blue-fish. |          | Bass.   |          |
|-----------------|------------|----------|---------|----------|------------|----------|---------|----------|
|                 | Pounds.    | Price.   | Pounds. | Price.   | Pounds.    | Price.   | Pounds. | Price.   |
| April .....     | 10,463     | \$142 81 |         |          |            |          |         |          |
| May .....       | 2,113      | 26 15    | †13,866 | \$226 92 |            |          | 9,246   | \$151 28 |
| June .....      |            |          | 25,209  | 619 98   |            |          | 16,808  | 413 13   |
| July .....      |            |          |         |          | ‡28,151    | \$563 04 |         |          |
| August .....    |            |          |         |          | 31,147     | 797 13   |         |          |
| September ..... |            |          |         |          | 14,618     | 405 15   |         |          |
| October .....   | §31,851    | 797 10   |         |          |            |          |         |          |
| November .....  | 14,217     | 427 10   |         |          |            |          |         |          |
| Total .....     | 58,644     | 1,393 16 | 39,075  | 846 90   | 74,016     | 1,765 32 | 26,054  | 564 41   |
| ¶1871.          |            |          |         |          |            |          |         |          |
| April .....     | 9,412      | 94 12    |         |          |            |          |         |          |
| May .....       | 1,841      | 18 41    | 4,953   | 83 73    |            |          | 3,306   | 55 86    |
| June .....      |            |          | 35,063  | 572 85   |            |          | 11,687  | 190 85   |
| July .....      |            |          |         |          | 36,251     | 625 02   |         |          |
| August .....    |            |          |         |          | 12,503     | 259 06   |         |          |
| September ..... |            |          |         |          | 10,513     | 251 17   |         |          |
| Total .....     | 11,253     | 112 53   | 40,016  | 636 58   | 59,267     | 1,126 25 | 14,993  | 246 81   |

\* Highest number of boats employed, 13. † About all catching blue-fish.  
 ‡ First scup caught May 21. § All catching flat-fish October 10.  
 ¶ Highest number of boats employed, 25.

AGGREGATES.

|                                | Pounds. | Price.     |
|--------------------------------|---------|------------|
| 1870 .....                     | 197,786 | \$4,569 79 |
| 1871 .....                     | 125,529 | 2,142 17   |
| Excess in 1870 over 1871 ..... | 72,260  | 2,427 62   |

TABLE VIII.—Account of Austin Taylor, Hyannis, Massachusetts.

| *1870.          | Pounds. | Price.  | 1871.           | Pounds. | Price. |
|-----------------|---------|---------|-----------------|---------|--------|
| April .....     | 2,285   | \$24 10 | April .....     | 829     | \$8 29 |
| May .....       | 1,777   | 35 54   | May .....       | 569     | 9 12   |
| June .....      | 2,957   | 59 18   | June .....      | 1,203   | 24 06  |
| July .....      | 2,203   | 55 07   | July .....      | 1,518‡  | 30 37  |
| August .....    | 2,087   | 62 61   | August .....    | 996‡    | 19 83  |
| September ..... | 208     | 24 27   | September ..... | 847     | 21 10  |
| October .....   | 1,481   | 57 47   |                 |         |        |
| November .....  | 613     | 18 37   |                 |         |        |
| Total .....     | 13,611  | 336 61  | Total .....     | 5,961   | 112 77 |

\* Kinds not given.

AGGREGATES.

|                                | Pounds. | Price.   |
|--------------------------------|---------|----------|
| 1870 .....                     | 13,611  | \$336 61 |
| 1871 .....                     | 5,961   | 112 77   |
| Excess of 1870 over 1871 ..... | 7,650   | 223 84   |

FISHERIES ON THE SOUTH SHORE OF NEW ENGLAND. 179

TABLE IX.—Account of Timothy Crocker, Hyannis, Massachusetts.

|  | Pounds. |
|--|---------|
| Shipment of fish by railroad to New York, in 1867..... | 115,500 |
| Shipment of fish by railroad to New York, in 1868..... | 109,500 |
| Shipment of fish by railroad to New York, in 1869..... | 137,100 |
| Shipment of fish by railroad to New York, in 1870..... | 83,250  |
| Shipment of fish by railroad to New York, in 1871..... | 82,800  |

Men and boats employed: 12—15 each season.

TABLE X.—Account of J. G. Loring, Hyannis, Massachusetts.

|  | Number of pounds. | Average per M. |
|--|-------------------|----------------|
| Shipment of fish by railroad to New York, in 1867..... | 82,800            | \$69 00        |
| Shipment of fish by railroad to New York, in 1868..... | 91,800            | 76 50          |
| Shipment of fish by railroad to New York, in 1869..... | 104,100           | 86 70          |
| Shipment of fish by railroad to New York, in 1870..... | 119,850           | 77 20          |
| Shipment of fish by railroad to New York, in 1871..... | 85,050            | 56 70          |

About twelve men and boats were employed in 1867-1869; and fifteen in 1870, 1871.

TABLE XI.—Shipment of fish by railroad from Hyannis, monthly, to New York, furnished from the books of the company, by Luther Chase.

| Months.               | 1866.    |        | 1867.    |        | 1868.    |        | 1869.    |        |
|-----------------------|----------|--------|----------|--------|----------|--------|----------|--------|
|                       | Barrels. | Boxes. | Barrels. | Boxes. | Barrels. | Boxes. | Barrels. | Boxes. |
| January.....          | 21       | 15     | 8        | 6      | 1        | 1      | 65       | 13     |
| February.....         | 47       | 8      | 5        | 1      | 2        | 2      | 28       | 12     |
| March.....            | 23       | 14     | 3        | 4      | 1        | 2      | 50       | 23     |
| April.....            | 5        | 8      | 30       | 4      | 49       | 5      | 31       | 13     |
| May.....              | 435      | 114    | 135      | 67     | 165      | 66     | 267      | 29     |
| June.....             | 432      | 265    | 251      | 71     | 753      | 183    | 636      | 221    |
| July.....             | 16       | 32     | 139      | 141    | 260      | 166    | 429      | 230    |
| August.....           | 8        |        | 39       | 5      | 41       | 53     | 176      | 59     |
| September.....        | 24       | 1      | 106      | 14     | 77       | 29     | 26       | 15     |
| October.....          | 36       | 8      | 148      | 2      | 74       | 4      | 116      | 1      |
| November.....         | 15       | 2      | 41       | 3      | 79       | 7      | 42       | 10     |
| December.....         | 18       | 11     | 30       | 15     | 25       | 8      | 57       | 10     |
| Total.....            | 1,080    | 478    | 935      | 333    | 1,527    | 526    | 1,923    | 636    |
| Total in pounds*..... | 305,400  |        | 240,000  |        | 386,700  |        | 479,100  |        |

  

| Months.               | 1870.    |        | 1871.    |        | Total.    |        |
|-----------------------|----------|--------|----------|--------|-----------|--------|
|                       | Barrels. | Boxes. | Barrels. | Boxes. | Barrels.  | Boxes. |
| January.....          | 5        | 10     | 11       | 14     |           |        |
| February.....         | 3        | 10     | 12       | 12     |           |        |
| March.....            | 15       | 17     | 44       | 22     |           |        |
| April.....            | 186      | 13     | 236      | 34     |           |        |
| May.....              | 295      | 23     | 292      | 17     |           |        |
| June.....             | 1,154    | 366    | 551      | 391    |           |        |
| July.....             | 233      | 214    | 170      | 269    |           |        |
| August.....           | 119      | 193    | 119      | 71     |           |        |
| September.....        | 94       | 17     | 94       | 117    |           |        |
| October.....          | 263      | 4      | 263      | 4      |           |        |
| November.....         | 111      | 10     | 111      | 10     |           |        |
| December.....         | 26       | 13     | 26       | 13     |           |        |
| Total.....            | 2,504    | 890    | 1,939    | 874    | 9,908     | 3,717  |
| Total in pounds*..... | 642,600  |        | 552,900  |        | 2,606,700 |        |

\* According to the usual estimate at Hyannis, the box of fish weighs 300 pounds; the barrel 150.  
 † The record for 1871 only extends through August; we therefore take the figures of 1870 for the same months.

The above table includes the shipments by Messrs. Taylor, Crocker, Loring, Handy, and others, and consist in greater part of fish taken with the line. The figures for June, July, August, September, and October, relate almost exclusively to blue-fish.

180 REPORT OF COMMISSIONER OF FISH AND FISHERIES.

TABLE XII.—Statement of fish caught in the pound at Wood's Hole, Massachusetts, in 1872, by Wood's Hole Weir Company.

| 1872.         | Herring. | Dog-fish.                        | Scup.      | Mackerel.      | Menhaden. | 1872.         | Spanish mackerel. | Ceros. |
|---------------|----------|----------------------------------|------------|----------------|-----------|---------------|-------------------|--------|
| April 25..... | 1,060    | 1                                | 1          |                |           | July 31.....  | 2                 |        |
| 27.....       | 2,000    | 22                               |            |                |           | August 2..... | 1                 |        |
| 30.....       | 3,500    | 21                               |            |                |           | 5.....        | 4                 |        |
| May 3.....    | 1,000    | 4                                |            |                |           | 8.....        | 2                 |        |
| 4.....        | 500      | 35                               |            |                |           | 10.....       | 1                 |        |
| 7.....        |          | 107                              |            | 1              |           | 13.....       | 7                 |        |
| 8.....        |          | 2,249                            |            | 35             |           | 19.....       | 4                 |        |
| 9.....        |          | 3,650                            |            | 4              |           | 20.....       | 3                 |        |
| 10.....       |          | 1,800                            | Few        | 15             |           | 21.....       | 2                 |        |
| 11.....       |          | 2,845                            | .do        | 127            |           | 22.....       | 4                 |        |
| 12.....       |          | 6,074                            |            | 131            |           | 23.....       | 596               | 5      |
| 13.....       |          | 3,411                            |            | 3              |           | 24.....       | 69                | 4      |
| 14.....       |          | 516                              |            | 1,800          |           | 25.....       | 76                | 14     |
| 15.....       |          | 225                              | Few        | 146            |           | 28.....       | 11                | 1      |
| 16.....       |          | 130                              | .do        | 162            |           | 29.....       | 13                | Few.   |
| 17.....       |          |                                  | *10        | 1,700          | *80       | 30.....       | 3                 | 3      |
| 18.....       |          |                                  | 38         | 185            | 60        | Sept. 2.....  | 37                | 6      |
| 19.....       |          |                                  | Few        | 150            | 150       | 4.....        | 9                 | Few.   |
| 20.....       |          |                                  | .do        | 80             | 200       | 6.....        | 30                |        |
| 23.....       |          | Very few fish caught             | to June 4. |                |           | 9.....        | 29                |        |
| 25.....       |          |                                  |            |                | 2,000     | 11.....       | 11                |        |
| June 5.....   |          | Heavy gale from north east.      |            |                |           | 13.....       | 1                 |        |
| 9.....        |          |                                  | *150       |                |           | 16.....       | 13                |        |
| 10.....       |          |                                  | 175        |                |           | 19.....       | 8                 |        |
| 11.....       |          |                                  | 40         |                |           | 21.....       | 28                |        |
| 12.....       |          |                                  | 80         |                |           | 29.....       |                   | 2      |
| 18.....       |          | Took in toff; plenty small scup; |            | few weak fish. |           |               |                   |        |

\* Barrels. † Barrels; mostly small. ‡ Eight boxes with blue-fish.



FISHERIES ON THE SOUTH SHORE OF NEW ENGLAND. 181

TABLE XIII.—Catch of fish at pound of Thomas Hinckley, West Falmouth, 1872.

|                | Alewives. | Tautog.                 | Horned dog fish. | Star-gom. | Shad.  | Mackerel. | Seup. | Menhaden. | Sea-bass. | Smooth dog fish. | Blue-fish. | Flounders. |
|----------------|-----------|-------------------------|------------------|-----------|--------|-----------|-------|-----------|-----------|------------------|------------|------------|
| April 26, 1872 | 3,000     | 1                       | 1                |           |        |           |       |           |           |                  |            |            |
| April 27, 1872 | 2,000     | 1                       | 3                |           |        |           |       |           |           |                  |            |            |
| April 29, 1872 | 200       | 1                       | 9                |           |        |           |       |           |           |                  |            |            |
| April 30, 1872 | 1,000     |                         | 3                |           |        |           |       |           |           |                  |            |            |
| May 1, 1872    |           | 3                       | 14               |           |        |           |       |           |           |                  |            |            |
| May 2, 1872    | 500       | 4                       | 18               |           |        |           |       |           |           |                  |            |            |
| May 3, 1872    |           |                         | 2                | 1         |        |           |       |           |           |                  |            |            |
| May 4, 1872    | 500       | 3                       |                  |           | 6      |           |       |           |           |                  |            |            |
| May 5, 1872    |           | 2                       | 5                |           |        | 1         |       |           |           |                  |            |            |
| May 6, 1872    | 200       | 200                     | 27               |           |        | 3         | 3     |           |           |                  |            |            |
| May 7, 1872    |           |                         | 5,000            |           |        | 3         |       |           |           |                  |            |            |
| May 8, 1872    |           |                         | 2,500            |           |        | 1         | 1     |           |           |                  |            |            |
| May 9, 1872    |           | 5                       | 2,000            |           |        | 8         |       |           |           |                  |            |            |
| May 10, 1872   |           |                         | 5,000            |           |        | 12        | 2     | 1         |           |                  |            |            |
| May 11, 1872   |           | 400                     | 1,500            |           | ½ bbl. | 168       |       |           |           |                  |            |            |
| May 12, 1872   |           | 600                     | 100              |           | ½ bbl. | 240       |       |           |           |                  |            |            |
| May 13, 1872   |           | 600                     |                  |           |        | 500       | 5     | 2         |           |                  |            |            |
| May 14, 1872   | 3 bbls.   | 600                     |                  |           |        | 66        |       | 3         | 3         |                  |            |            |
| May 15, 1872   |           |                         | 12               |           |        |           |       |           |           |                  |            |            |
| May 16, 1872   |           |                         |                  |           |        |           |       | 75 bbls.  |           |                  |            |            |
| May 17, 1872   |           |                         |                  |           |        |           |       | 250 bbls. |           |                  |            |            |
| May 18, 1872   |           |                         |                  |           |        |           |       | 450 bbls. |           |                  |            |            |
| May 19, 1872   |           |                         |                  |           |        |           |       | 600 bbls. |           |                  |            |            |
| May 20, 1872   |           | Pound full of menhaden. |                  |           |        |           |       |           |           |                  |            |            |
| May 29, 1872   |           | More than could be sold |                  |           |        |           |       |           |           |                  |            |            |
| May 30, 1872   |           |                         |                  |           |        |           |       |           |           |                  |            |            |
| May 31, 1872   |           |                         |                  |           |        |           |       |           |           |                  |            |            |
| June 1, 1872   |           |                         |                  |           |        |           |       | 150 bbls. | 2         | 100              |            |            |
| June 3, 1872   |           |                         |                  |           |        |           |       | 350 bbls. |           | 800              | 3          |            |
| June 4, 1872   |           |                         |                  |           |        |           |       | 300 bbls. |           | 800              | 10         |            |
| June 7, 1872   |           |                         |                  |           |        |           |       |           | ½ bbl.    |                  | 1          | 3 bbls.    |
| June 8, 1872   |           |                         |                  |           |        |           |       | 100 bbls. | 5         | 50               | 15         |            |
| June 12, 1872  |           |                         |                  |           |        |           |       | 200 bbls. |           |                  | 45         |            |
| June 12, 1872  |           |                         |                  |           |        |           |       | 800 bbls. |           |                  |            |            |

TABLE XIV.—Date of first appearance of fish at the pounds and weirs on the south side of New England.

|                        | Dog-fish.     | Mackerel.                       | Menhaden.                       | Alewives.                        | Tautog.                       | Blue-fish.                      |
|------------------------|---------------|---------------------------------|---------------------------------|----------------------------------|-------------------------------|---------------------------------|
| Newport, R. I.         |               |                                 |                                 |                                  |                               |                                 |
| New Bedford, Mass.     |               | 1871, Apr. 25                   |                                 |                                  | 1871, Apr. 10                 |                                 |
| Wood's Hole, Mass.     |               | 1871, end April                 | 1871, Apr. 23                   | 1871, Apr. 14                    | 1871, Apr. 19                 | 1871, May 20                    |
| West Falmouth, Mass.   | 1872, Apr. 22 | 1872, May 9                     | 1872, May 18                    | 1872, Apr. 25                    | 1872, May 9                   |                                 |
| Menemsha Bight, Mass.* | 1872, Apr. 26 | 1872, May 5                     | { 1872, May 10<br>1871, Apr. 21 | { 1872, Apr. 26<br>1871, Apr. 12 | { 1872, Apr. 26               | { 1872, May 31<br>1871, May 26  |
| Waquoit, Mass.         | 1871, Apr. 26 | { 1872, May 11<br>1871, Apr. 18 | { 1871, Apr. 21                 | 1871, Mar. 24                    | 1871, Apr. 18                 | 1871, May 24                    |
| Nantucket, Mass.       |               |                                 |                                 |                                  |                               | 1871, May 29                    |
| Hyannis, Mass.         |               |                                 |                                 |                                  |                               |                                 |
|                        |               | Seup.                           | Shad.                           | Herring.                         | Squeteague.                   | Sea bass.                       |
| Newport, R. I.         |               | 1871, Apr. 18                   |                                 |                                  |                               |                                 |
| New Bedford, Mass.     |               | { 1872, May 15<br>1871, Apr. 24 | { 1871, Apr. 15                 | 1871, Mar. 25                    |                               |                                 |
| Wood's Hole, Mass.     |               | 1871, Apr. 27                   |                                 |                                  | 1871, June 1                  | 1871, May 20                    |
| West Falmouth, Mass.   |               | 1872, May 10                    |                                 |                                  |                               | 1872, May 13                    |
| Menemsha Bight, Mass.* |               | { 1872, May 6<br>1871, Apr. 25  | { 1872, May 4<br>1871, Apr. 25  |                                  |                               | { 1872, May 14<br>1871, end May |
| Waquoit, Mass.         |               | { 1872, May 10<br>1871, Apr. 25 | { 1871, Apr. 10                 |                                  | { 1872, July 4<br>1871, May 9 | { 1872, May 28<br>1871, May 24  |
| Nantucket, Mass.       |               |                                 |                                 |                                  |                               |                                 |
| Hyannis, Mass.         |               | 1871, Apr. 22                   |                                 |                                  |                               |                                 |

\* Situated on north side of Gay Head, end of Martha's Vineyard.