



MANUSCRIPT REPORTS OF THE BIOLOGICAL STATIONS

CASE NO.....

No. 222

DETAILS OF CRAB TAGGING IN BOUNDARY

BAY FOR 1931

by

Donald C.G. MacKay

1931

58919 ✓



FISHERIES RESEARCH BOARD
OF CANADA

MANUSCRIPT REPORTS OF THE BIOLOGICAL STATIONS

No. 222

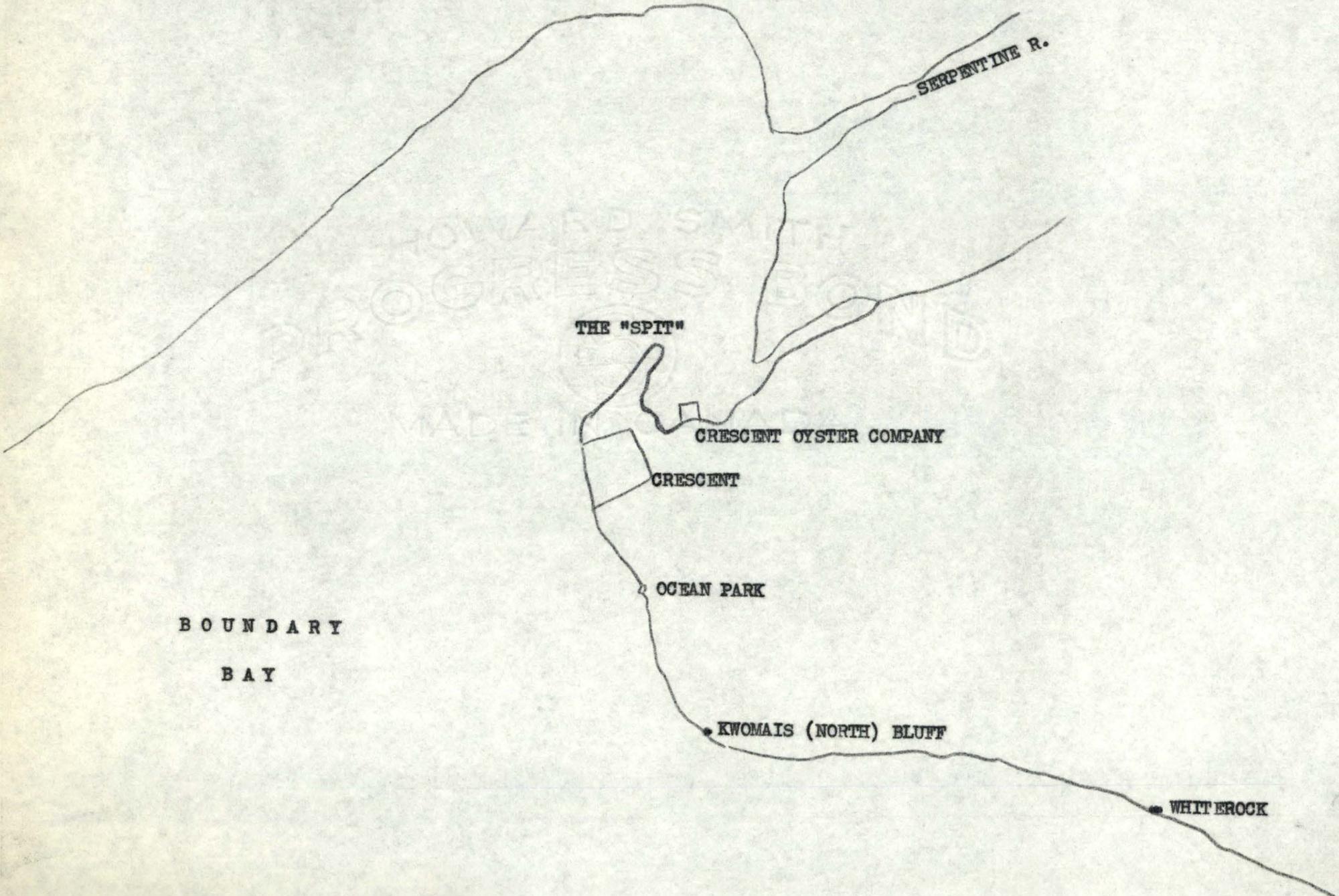
Title

DETAILS OF CRAB TAGGING IN BOUNDARY
BAY FOR 1931

Author

Donald C.G. MacKay

1931



SERPENTINE R.

THE "SPIT"

CRESCENT OYSTER COMPANY

CRESCENT

OCEAN PARK

BOUNDARY

BAY

• KWOMALS (NORTH) BLUFF

• WHITE ROCK

1931 CRAB MARKING EXPERIMENTS CARRIED OUT IN BOUNDARY BAY

Serial No. - A

Place - Liberated from docks of Crescent Oyster Company

Date - June 17, 1931.

MEASUREMENTS

| <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> |
|--------------|------------|------------|--------------|------------|------------|--------------|------------|------------|
| 17.4 | ♂* | 969 | 15.9 | ♂ | 976 | 16.4 | ♂* | 962 |
| 16.2 | ♂ | 981 | 15.9 | ♂ | 972 | | | |
| 15.4 | ♂ | 946 | 15.5 | ♂ | 994 | | | |
| 15.8 | ♂ | 999 | 15.9 | ♂ | 970 | | | |
| 14.3 | ♀ | 954 | 15.6 | ♂ | 968 | | | |
| 15.3 | ♂ | 989 | 15.1 | ♀ | 922 | | | |
| 14.7 | ♀ | 988 | 16.4 | ♂ | 963 | | | |
| 16.1 | ♂ | 983 | 15.7 | ♂* | 985 | | | |
| 16.2 | ♂ | 982 | 15.6 | ♂* | 959 | | | |
| 16.0 | ♂ | 948 | 16.2 | ♂ | 913 | | | |
| 16.3 | ♂ | 986 | 16.3 | ♂ | 902 | | | |
| 15.1 | ♂ | 990 | 14.1 | ♀ | 979 | | | |
| 16.3 | ♂* | 993 | 16.1 | ♂ | 924 | | | |
| 16.0 | ♂ | 991 | 16.0 | ♂* | 916 | | | |
| 15.9 | ♂ | 974 | 16.3 | ♂ | 908 | | | |
| 16.1 | ♂ | 965 | 15.6 | ♂ | 911 | | | |
| 15.8 | ♂ | 932 | 15.9 | ♂ | 917 | | | |

Serial No. - B

Place - Caught off North Bluff and liberated from Crescent Oyster

Company docks.

Date - June 22 and 23, 1931.

MEASUREMENTS

| June 22nd | | | June 23rd | | | | | |
|--------------|------------|------------|--------------|------------|------------|--------------|------------|------------|
| <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> |
| 15.5 | ♂ | 978 | 16.3 | ♂ | 955 | | | |
| 16.3 | ♂ | 984 | 16.0 | ♂ | 950 | | | |
| 17.5 | ♂ | 973 | 16.1 | ♂ | 944 | | | |
| 15.9 | ♂ | 905 | 15.1 | ♂ | 937 | | | |
| 16.3 | ♂ | 914 | 15.4 | ♀ | 920 | | | |
| 16.2 | ♂ | 912 | 16.1 | ♂ | 958 | | | |
| 16.0 | ♂ | 915 | 16.0 | ♂ | 936 | | | |
| 15.5 | ♂ | 987 | 16.0 | ♂ | 995 | | | |
| 16.4 | ♂ | 906 | 15.6 | ♂ | 939 | | | |
| 15.6 | ♂ | 904 | 15.6 | ♂ | 933 | | | |
| 15.4 | ♂ | 910 | 16.3 | ♂ | 903 | | | |
| 15.7 | ♂ | 971 | 16.2 | ♂ | 956 | | | |
| | | | 16.4 | ♂ | 957 | | | |
| | | | 15.7 | ♂ | 975 | | | |
| | | | 17.7 | ♂ | 927 | | | |
| | | | 15.8 | ♂ | 923 | | | |
| | | | 15.7 | ♂ | 928 | | | |
| | | | 16.3 | | 940 | | | |
| | | | 16.4 | | 907 | | | |

Serial No. - C

Place - Caught off White Rock in traps not lifted for over a month, and
liberated at Crescent Oyster Company dock.

Date - July 22, 1931.

MEASUREMENTS

| <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> |
|--------------|------------|------------|--------------|------------|------------|--------------|------------|------------|
| 15.8 | ♂ | 935 | | | | | | |
| 16.0 | ♂ | 960 | | | | | | |
| 15.5 | ♂ | 901 | | | | | | |
| 16.1 | ♂ | 930 | | | | | | |
| 16.3 | ♂ | 964 | | | | | | |
| 15.9 | ♂ | 997 | | | | | | |
| 16.1 | ♂ | 951 | | | | | | |
| 16.2 | ♂ | 953 | | | | | | |
| 17.1 | ♂ | 945 | | | | | | |
| 15.5 | ♂ | 934 | | | | | | |

Serial No. - D

Place - Liberated off North Bluff in line with Point Roberts

Date - August 4, 1931.

No width measurements taken for this group.

MEASUREMENTS

| <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> |
|--------------|------------|------------|--------------|------------|------------|--------------|------------|------------|
| | ♂ | 967 | | ♂ | 71 | | ♀ | 921 |
| | ♂ | 952 | | ♂ | 938 | | | |
| | ♂ | 949 | | ♂ | 992 | | | |
| | ♂ | 942 | | ♂ | 943 | | | |
| | ♂ | 931 | | ♂ | 926 | | | |
| | ♂ | 980 | | ♂ | 925 | | | |
| | ♂ | 977 | | ♂ | 919 | | | |
| | ♂ | 90 | | ♂ | 961 | | | |
| | ♂ | 88 | | ♂ | 941 | | | |
| | ♂ | 87 | | ♂ | 918 | | | |
| | ♂ | 85 | | ♂ | 947 | | | |
| | ♂ | 91 | | ♂ | 929 | | | |
| | ♂ | 92 | | ♂ | 1000 | | | |
| | ♂ | 84 | | ♂ | 82 | | | |
| | ♂ | 83 | | ♂ | 75 | | | |
| | ♂ | 79 | | ♂ | 72 | | | |
| | ♂ | 77 | | ♂ | 80 | | | |

Serial No. - E

Place - Caught and liberated near dock at Whiterock, B.C.

Date - August 5, 1931.

These crabs were mostly just under legal size (6 1/2 inches). It was not possible to measure them.

MEASUREMENTS

| <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> |
|--------------|------------|------------|--------------|------------|------------|--------------|------------|------------|
| | ♂ | 5 | | ♂ | 40 | | ♂ | 62 |
| | ♀ | 3 | | ♂ | 74 | | ♂ | 59 |
| | ♂ | 2 | | ♂ | 34 | | ♂ | 61 |
| | ♀ | 96 | | ♂ | 38 | | ♂ | 64 |
| | ♂ | 45 | | ♂ | 78 | | ♀ | 54 |
| | ♂ | 93 | | ♀ | 69 | | ♂ | 24 |
| | ♂ | 46 | | ♂ | 43 | | ♂ | 37 |
| | ♂ | 50 | | ♂ | 63 | | ♂ | 25 |
| | ♂ | 49 | | ♂ | 47 | | ♀ | 32 |
| | ♂ | 100 | | ♂ | 76 | | ♂ | 36 |
| | ♂ | 81 | | ♂ | 41 | | ♂ | 26 |
| | ♂ | 95 | | ♂ | 70 | | ♀ | 21 |
| | ♂ | 94 | | ♂ | 73 | | ♂ | 18 |
| | ♂ | 97 | | ♂ | 35 | | ♂ | 30 |
| | ♂ | 39 | | ♂* | 67 | | ♂ | 51 |
| | ♂ | 48 | | ♂ | 65 | | ♂ | 19 |
| | ♂ | 42 | | ♂* | 58 | | ♀ | 28 |

Serial No. - E (cont'd)

Place - Caught and liberated near dock at Whiterock, B.C.

Date - August 5, 1931.

These crabs were mostly just under legal size (6 1/2 inches). It was not possible to measure them.

MEASUREMENTS

| <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> |
|--------------|------------|------------|--------------|------------|------------|--------------|------------|------------|
| | ♂ | 13 | | ♂ | 4 | | | |
| | ♂ | 23 | | ♂ | 7 | | | |
| | ♀ | 56 | | ♂ | 16 | | | |
| | ♂ | 1 | | ♂ | 14 | | | |
| | ♂ | 57 | | ♂ | 9 | | | |
| | ♂ | 8 | | ♂ | 29 | | | |
| | ♂ | 10 | | ♂ | 52 | | | |
| | ♂ | 15 | | ♂ | 88 | | | |
| | ♂ | 11 | | ♂ | 68 | | | |
| | ♂ | 60 | | ♂ | 99 | | | |
| | ♂ | 20 | | ♂ | 55 | | | |
| | ♂ | 17 | | ♀ | 53 | | | |
| | ♂ | 22 | | | | | | |
| | ♂ | 31 | | | | | | |
| | ♂ | 27 | | | | | | |
| | ♂ | 33 | | | | | | |
| | ♂ | 12 | | | | | | |

Serial No. - F

Place - Liberated near North Bluff

Date - August 6, 1931.

Widths not taken. Size was just under commercial size or else crabs were soft shelled.

MEASUREMENTS

| <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> |
|--------------|------------|------------|--------------|------------|------------|--------------|------------|------------|
| | ♂ | 166 | | ♂ | 175 | | ♂ | 189 |
| | ♂ | 159 | | ♂ | 134 | | ♂ | 180 |
| | ♂ | 160 | | ♂ | 164 | | ♂ | 173 |
| | ♂ | 154 | | ♂ | 128 | | ♂ | 200 |
| | ♂ | 163 | | ♂ | 178 | | ♂ | 191 |
| | ♂ | 161 | | ♂ | 179 | | ♂ | 196 |
| | ♂ | 156 | | ♂ | 143 | | ♂ | 199 |
| | ♂ | 153 | | ♂ | 144 | | ♂ | 193 |
| | ♂ | 155 | | ♂ | 139 | | ♂ | 188 |
| | ♂ | 158 | | ♂ | 138 | | ♂ | 141 |
| | ♂ | 162 | | ♂ | 183 | | ♂ | 118 |
| | ♂ | 169 | | ♂ | 136 | | ♂ | 137 |
| | ♂ | 168 | | ♂ | 190 | | ♂ | 109 |
| | ♂ | 167 | | ♂* | 181 | | ♂ | 198 |
| | ♂ | 151 | | ♂* | 182 | | ♂ | 197 |
| | ♂ | 171 | | ♂ | 186 | | ♂ | 170 |
| | ♂ | 176 | | ♂ | 140 | | ♂ | 115 |
| | ♂ | 146 | | ♂ | 122 | | ♂ | 117 |
| | ♂ | 119 | | ♂ | 172 | | ♂ | 147 |

Serial No. - F (cont'd)

Place - Liberated near North Bluff

Date - August 6, 1931.

Widths not taken. Size was just under commercial size or else crabs were soft shelled.

MEASUREMENTS

| <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> |
|--------------|------------|------------|--------------|------------|------------|--------------|------------|------------|
| | ♂ | 142 | | ♂ | 150 | | ♂ | 149 |
| | ♂ | 145 | | ♂ | 124 | | ♂ | 108 |
| | ♂ | 185 | | ♂ | 121 | | ♂* | 194 |
| | ♂ | 165 | | ♂ | 107 | | ♂ | 110 |
| | ♂ | 129 | | ♂ | 123 | | ♂ | 101 |
| | ♂ | 135 | | ♂ | 148 | | ♂ | 103 |
| | ♂ | 133 | | ♂ | 111 | | ♂ | 116 |
| | ♂ | 192 | | ♂ | 104 | | ♂ | 125 |
| | ♂ | 131 | | ♂ | 152 | | ♂ | 112 |
| | ♂ | 120 | | ♂ | 195 | | ♂ | 114 |
| | ♂ | 106 | | ♂ | 126 | | ♂ | 130 |
| | ♂ | 177 | | ♂ | 174 | | ♂ | 102 |
| | ♂ | 127 | | ♂ | 105 | | ♂ | 509 |
| | ♂ | 184 | | ♂ | 187 | | ♂ | 573 |
| | ♂ | 132 | | ♂ | 113 | | ♂ | 556 |
| | ♂ | 516 | | ♂ | 553 | | ♂ | 519 |
| | ♂ | 551 | | ♂ | 524 | | | |
| | ♂ | 501 | | ♂ | 599 | | | |

Serial No. - G

Place - Liberated off North Bluff

Date - August 7, 1931

MEASUREMENTS

| <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> |
|--------------|------------|------------|--------------|------------|------------|--------------|------------|------------|
| | ♂ | 582 | | ♂ | 540 | | ♂ | 578 |
| | ♂ | 525 | | ♂ | 514 | | ♂ | 537 |
| | ♂ | 557 | | ♂ | 530 | | ♂ | 570 |
| | ♂ | 560 | | ♂ | 527 | | ♂ | 512 |
| | ♂ | 580 | | ♂ | 542 | | ♂ | 513 |
| | ♂ | 578 | | ♂ | 544 | | ♂ | 543 |
| | ♂ | 531 | | ♂ | 555 | | ♂ | 545 |
| | ♂ | 552 | | ♂ | 507 | | ♂ | 588 |
| | ♂ | 548 | | ♂ | 570 | | ♂ | 565 |
| | ♂ | 564 | | ♂ | 596 | | ♂ | 526 |
| | ♂ | 554 | | ♂ | 508 | | ♂ | 562 |
| | ♂ | 559 | | ♂ | 511 | | ♂ | 546 |
| | ♂ | 522 | | ♂ | 520 | | ♂ | 597 |
| | ♂ | 505 | | ♂ | 503 | | ♂ | 534 |
| | ♂ | 561* | | ♂ | 517 | | ♂ | 586 |
| | ♂ | 521 | | ♂ | 539 | | ♂ | 591 |
| | ♂ | 579 | | ♂ | 558 | | ♂ | 533 |
| | ♂ | 528 | | ♂ | 535 | | ♂ | 536 |
| | ♂ | 547 | | ♂ | 523 | | ♂ | 592 |
| | ♂ | 568 | | ♂ | 584 | | ♂ | 598 |

*561 recovered July 17, 1932 at White Rock, B.C. by Harold Maiden. 7".

Serial No. - G (cont'd)

Place - Liberated off North Bluff

Date - August 7, 1931.

MEASUREMENTS

| <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> |
|--------------|------------|------------|--------------|------------|------------|--------------|------------|------------|
| | ♂ | 532 | | ♂ | 600 | | ♂ | 595 |
| | ♂ | 572 | | ♂ | 593 | | ♂ | 577 |
| | ♂ | 569 | | ♂ | 566 | | | |
| | ♂ | 538 | | ♂ | 506 | | | |
| | ♂ | 550 | | ♂ | 594 | | | |
| | ♂ | 502 | | ♂ | 575 | | | |
| | ♂ | 576 | | ♂ | 585 | | | |
| | ♂ | 549 | | ♂ | 574 | | | |
| | ♂ | 581 | | ♂ | 571 | | | |
| | ♂ | 589 | | ♂ | 504 | | | |
| | ♂ | 567 | | ♂ | 563 | | | |
| | ♂ | 515 | | ♂ | 590 | | | |
| | ♂ | 583 | | ♂ | 529 | | | |
| | ♂ | 587 | | ♂ | 541 | | | |

Serial No. - H

Place - Caught and liberated between the two docks at Whiterock.

Date - August 20, 1931.

MEASUREMENTS

| <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> |
|--------------|------------|------------|--------------|------------|------------|--------------|------------|------------|
| 15.1 | ♂ | 300 | 15.9 | ♂ | 275 | 15.9 | ♂ | 255 |
| 16.2 | ♂ | 272 | 15.6 | ♂ | 270 | 16.1 | ♂ | 205 |
| 16.3 | ♂ | 297 | 16.9 | ♂ | 265 | 15.3 | ♂ | 296 |
| 16.0 | ♂ | 277 | 16.3 | ♂ | 267 | 15.3 | ♂ | 253 |
| 15.7 | ♂ | 293 | 16.4 | ♂ | 259 | 16.0 | ♂ | 209 |
| 16.2 | ♂ | 292 | 13.6 | ♂ | 260 | 15.7 | ♂ | 238 |
| 16.3 | ♂ | 294 | 16.5 | ♂ | 266 | 16.0 | ♂ | 247 |
| 16.3 | ♂ | 212 | 16.3 | ♂ | 262 | 16.0 | ♂ | 287 |
| 16.1 | ♂ | 278 | 16.5 | ♂ | 280 | — | ♂ | 286 |
| 16.4 | ♂ | 279 | 16.3 | ♂ | 274 | 16.7 | ♂ | 285 |
| 16.3 | ♂ | 269 | 16.6 | ♂ | 263 | 15.6 | ♂ | 254 |
| 16.3 | ♂ | 276 | 16.4 | ♂ | 271 | 16.0 | ♂ | 240 |
| 16.2 | ♂ | 268 | 16.4 | ♂ | 273 | 15.3 | ♂ | 243 |
| 16.3 | ♂ | 261 | 16.0 | ♂ | 246 | 16.8 | ♂ | 252 |
| 16.1 | ♂ | 258 | 17.1 | ♂ | 282 | 15.3 | ♂ | 221 |
| 15.1 | ♂ | 257 | 15.9 | ♂ | 248 | 16.0 | ♂ | 237 |
| 15.8 | ♂ | 264 | 15.9 | ♂ | 242 | 15.0 | ♂ | 250 |
| 15.9 | ♂ | 281 | 17.7 | ♂ | 291 | | | |
| 16.4 | ♂ | 239 | 16.9 | ♂ | 224 | | | |
| 16.1 | ♂ | 284 | 16.4 | ♂ | 217 | | | |

Serial No. - H (cont'd)

Place - Caught and liberated between the two docks at Whiterock.

Date - August 20, 1931.

MEASUREMENTS

| <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> |
|--------------|------------|------------|--------------|------------|------------|--|------------|------------|
| | | | | | | Same date but liberated off North Bluff. | | |
| 16.3 | ♂ | 283 | 18.4 | ♂ | 234 | 16.3 | ♂ | 874 |
| 16.0 | ♂ | 223 | 15.9 | ♂ | 298 | 16.2 | ♂ | 872 |
| 15.9 | ♂ | 230 | 16.8 | ♂ | 231 | 15.5 | ♂ | 892 |
| 16.6 | ♂ | 289* | 15.6 | ♂ | 299 | ? | ♀ | 878 |
| 16.2 | ♂ | 236 | 15.4 | ♂ | 202 | 15.9 | ♂ | 860 |
| 15.8 | ♂ | 235 | 16.0 | ♂ | 206 | 16.3 | ♂ | 863 |
| 15.6 | ♂ | 290 | 16.4 | ♂ | 216 | 16.2 | ♂ | 211 |
| 16.2 | ♂ | 233 | 16.7? | ♂ | 210 | 16.0 | ♂ | 201 |
| 15.5 | ♂ | 227 | 16.5 | ♂ | 219 | 15.7 | ♂ | 214 |
| 16.2 | ♂ | 229 | 14.2 | ♂ | 218 | 16.9 | ♂ | 213 |
| 16.2 | ♂ | 232 | 16.0 | ♂ | 203 | 15.6 | ♂ | 208 |
| 16.0 | ♂ | 295 | | | | 15.7 | ♂ | 204 |
| 15.0 | ♂ | 228 | | | | 15.7 | ♂ | 894 |
| 16.1 | ♂ | 226 | | | | 15.6 | ♂ | 803 |
| 15.8 | ♂ | 877 | | | | 16.0 | ♂ | 883 |
| 16.1 | ♂ | 884 | | | | 16.0 | ♂ | 856 |

*289 recaptured June 30, 1932 at White Rock, by W.S. Wooster. 6 1/2".

Serial No. - H (cont'd)

Place - Caught and liberated between the two docks at Whiterock.

Date - August 20, 1931.

MEASUREMENTS

| <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> |
|--------------|------------|------------|---|------------|------------|--------------|------------|------------|
| | | | Same date but liberated from "Spit" near Crescent Oyster Company. | | | | | |
| 16.1 | ♂ | 885 | | ♂ | 854 | | ♂ | 808 |
| 15.7 | ♂ | 882 | | ♂ | 871 | | ♀ | 851 |
| 16.3 | ♂ | 879 | | ♂ | 867 | | ♀ | 852 |
| 14.7 | ♂ | 887 | | ♂ | 838 | | ♂ | 810 |
| 16.6 | ♂ | 876 | | ♀ | 841 | | ♂ | 862 |
| 14.6 | ♀ | 890 | | ♂ | 900 | | ♂ | 835 |
| 15.3 | ♀ | 893 | | ♀ | 853 | | ♂ | 825 |
| 14.7 | ♀ | 897 | | ♂ | 864 | | ♂ | 813 |
| 13.6 | ♀ | 826 | | ♂ | 826 | | ♀ | 814 |
| 13.7 | ♀ | 895 | | ♂ | 840 | | ♀ | 819 |
| 15.8 | ♂ | 888 | | ♀ | 801 | | ♀ | 821 |
| 15.7 | ♂ | 891 | | ♂ | 875 | | ♀ | 824 |
| | ♂ | 820 | | ♂ | 857 | | ♀ | 836 |
| | ♀ | 830 | | ♂ | 811 | | ♀ | 817 |
| | ♂ | 832 | | ♂ | 855 | | ♂ | 815 |
| | ♀ | 827 | | ♂ | 870 | | ♂ | 818 |
| | ♀ | 842 | | | | | | |
| | ♀ | 831 | | | | | | |
| | ♀ | 833 | | | | | | |

Serial No. - H (cont'd)

Place - Caught and liberated between the two docks at Whiterock.

Date - August 20, 1931.

MEASUREMENTS

| <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> |
|--------------|------------|------------|--------------|------------|------------|--------------|------------|------------|
| | ♀ | 847 | | | | | | |
| | ♀ | 880 | | | | | | |
| | ♀ | 834 | | | | | | |
| | ♀ | 850 | | | | | | |
| | ♀ | 816 | | | | | | |
| | ♀ | 807 | 14.6 | ♀ | 244 | | | |
| | ♀ | 823 | 12.9 | ♀ | 249 | | | |
| | ♂ | 839 | 14.3 | ♀ | 245 | | | |
| | ♂ | 848 | 13.6 | ♀ | 207 | | | |
| | ♀ | 849 | 16.3 | ♂ | 222 | | | |
| | ♀ | 805 | 13.7 | ♀ | 256 | | | |
| | ♀ | 829 | 13.4 | ♀ | 215 | | | |
| | | | 14.3 | ♀ | 225 | | | |

Serial No. - I

Place - Caught and liberated off North Bluff

Date - August 25, 1931.

MEASUREMENTS

| <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> |
|--------------|------------|------------|--------------|------------|------------|--------------|------------|------------|
| | ♂ | 753 | | ♂ | 760 | | ♂ | 730 |
| | ♂ | 786 | | ♂ | 759 | | ♂ | 729 |
| | ♂ | 790 | | ♂ | 752 | | ♂ | 714 |
| | ♂ | 754 | | ♂ | 789 | | ♂ | 726 |
| | ♂ | 783 | | ♂ | 748 | | ♂ | 723 |
| | ♂ | 780 | | ♂ | 746 | | ♂ | 725 |
| | ♂ | 794 | | ♂ | 733 | | ♂ | 724 |
| | ♂ | 792 | | ♂ | 750 | | ♂ | 721 |
| | ♂ | 745 | | ♂ | 740 | | ♂ | 720 |
| | ♂ | 744 | | ♂ | 741 | | ♂ | 718 |
| | ♂ | 791 | | ♂ | 734 | | ♂ | 722 |
| | ♂ | 736 | | ♂ | 732 | | ♂ | 795 |
| | ♂ | 737 | | ♂ | 749 | | ♂ | 800 |
| | ♂ | 739 | | ♂ | 743 | | ♂ | 747? |
| | ♂ | 735 | | ♂ | 742 | | ♂ | 716 |
| | ♂ | 729 | | ♂ | 731 | | ♂ | 728 |
| | ♂* | 738 | | ♂ | 727 | | ♂ | 713 |
| | ♂ | 710 | | ♂ | 706 | | ♂ | 765 |
| | ♂ | 719 | | ♂ | 798 | | ♂ | 778 |
| | ♂ | 715 | | ♂ | 701 | | ♂ | 782 |

Serial No. - I (cont'd)

Place - Caught and liberated off North Bluff

Date - August 25, 1931.

MEASUREMENTS

| <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> |
|--------------|------------|------------|--------------|------------|------------|--------------|------------|------------|
| | ♂ | 751 | | ♂ | 756 | | ♂ | 787 |
| | ♂ | 705 | | ♂ | 770 | | ♂ | 785 |
| | ♂ | 708 | | ♂ | 766 | | ♂ | 779 |
| | ♂ | 707 | | ♂ | 768 | | ♂ | 773 |
| | ♂ | 799 | | ♂ | 767 | | ♂ | 764 |
| | ♂ | 717 | | ♂ | 763 | | ♂ | 774 |
| | ♂ | 711 | | ♂ | 769 | | ♂ | 757 |
| | ♂ | 709 | | ♂ | 771 | | ♂ | 755 |
| | ♂ | 796 | | ♂ | 777 | | ♂ | 784 |
| | ♂ | 712 | | ♂ | 762 | | ♂ | 758 |
| | ♂ | 797 | | ♂ | 781 | | ♂ | 788 |
| | ♂ | 703 | | ♂ | 775 | | | |
| | ♂ | 704 | | ♂ | 776 | | | |
| | ♂ | 702 | | ♂ | 772 | | | |

Serial No. - J

Place - Liberated from Oyster Company dock and caught off Ocean Park

Date - September 8, 1931.

MEASUREMENTS

| <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> |
|--------------|------------|------------|--------------|------------|------------|--------------|------------|------------|
| 16.4 | | 401 | 16.4 | | 418 | 16.5 | | 435 |
| 16.0 | | 402 | 16.4 | | 419 | 15.9 | | 436 |
| 17.0 | | 403 | 16.5 | | 420 | 16.4 | | 437 |
| 16.5 | | 404 | -- | | 421 | 16.7 | | 438 |
| 16.3 | | 405 | 16.2 | | 422 | 16.5 | | 439 |
| 16.2 | | 406 | 16.3 | | 423 | 16.6 | | 440 |
| 16.2 | | 407 | -- | | 424 | 16.2 | | 441 |
| 16.4 | | 408 | 16.5 | | 425 | 16.0 | | 442 |
| 16.3 | | 409 | 16.0 | | 426 | 16.1 | | 443 |
| 16.7 | | 410 | 16.3 | | 427 | 15.5 | | 444 |
| 16.5 | | 411 | 16.2 | | 428 | 16.4 | | 445 |
| 16.3 | | 412 | 16.4 | | 429 | 16.5 | | 446 |
| 17.0 | | 413 | 16.0 | | 430 | 16.4 | | 447 |
| 16.0 | | 414 | 16.0 | | 431 | 16.2 | | 448 |
| 16.3 | | 415 | 16.4 | | 432 | 16.4 | | 449 |
| 16.3 | | 416 | 16.1 | | 433 | 16.5 | | 450 |
| 15.5 | | 417 | 16.2 | | 434 | 15.1 | | 451 |
| 16.3 | | 452 | 16.3 | | 469 | 16.3 | | 486 |
| 16.7 | | 453 | 16.7 | | 470 | 15.9 | | 487 |
| 15.5 | | 454 | 16.4 | | 471 | 16.5 | | 488 |

Serial No. - J. (cont'd)

Place - Liberated from Oyster Company dock and caught off Ocean Park.

Date - September 8, 1931.

MEASUREMENTS

| <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> | <u>Width</u> | <u>Sex</u> | <u>Tag</u> |
|--------------|------------|------------|--------------|------------|------------|--------------|------------|------------|
| 16.0 | | 455 | 16.3 | | 472 | 16.3 | | 489 |
| 16.3 | | 456 | 16.3 | | 473 | 16.0 | | 490 |
| 16.0 | | 457 | 17.1 | | 474 | 15.6 | | 491 |
| 16.2 | | 458 | 16.5 | | 475 | 16.1 | | 492 |
| 16.2 | | 459 | -- | | 476 | 16.4 | | 493 |
| 15.9 | | 460 | 16.1 | | 477 | 16.4 | | 494 |
| 15.9 | | 461 | 16.3 | | 478 | 16.6 | | 495 |
| 16.2 | | 462 | 16.3 | | 479 | 16.0 | | 496 |
| -- | | 463 | 16.7 | | 480 | 15.8 | | 497 |
| 16.7 | | 464 | 15.9 | | 481 | 15.9 | | 498 |
| 16.4 | | 465 | 16.4 | | 482 | -- | | 499 |
| 16.4 | | 466 | 16.4 | | 483 | 15.5 | | 500 |
| 16.1 | | 467 | 15.9 | | 484 | | | |
| 16.8 | | 468 | 16.2 | | 485 | | | |

*Recovered