



Serial No.2026
(B.g.14)

ICES/ICNAF Salmon Doc.68/7
(also ICNAF Res.Doc.68/44)

ANNUAL MEETING - JUNE 1968

Canadian Tagging Data for Atlantic Salmon to 29 March 1968

by

Fisheries Research Board of Canada
St. Andrews, New Brunswick

The attached tables are in the same form as those given in ICES/ICNAF Salmon Doc.66-6 and ICNAF Res.Doc.67/95. They have been amended and brought up to date as of 29 March 1968 by

- (a) Inclusion of additional records of recaptures of fish marked in 1964 and earlier, and correction of a few additional errors of allocation in these years. Figures which have been amended have been marked with an asterisk.
- (b) Inclusion of the results of 1966 tagging, as far as they are available. These include only recoveries in the Greenland fishery and as grilse in Canadian waters.
- (c) Inclusion, for convenience of reference, of the tagging carried out in 1967 although no recoveries have yet been possible for these fish.

The tables are divided into Table A for fish marked as smolts, and Table B for fish marked as adults.

Commercial catch "Home river" includes Miramichi drift net fisheries in the Gulf of St. Lawrence and adjacent part of Northumberland Strait, for Miramichi tagged salmon, and includes west coast of Cape Breton for Margaree tagged salmon.

(b)

Table A (cont'd)

| | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---------------------|-------|---|----|-----|-----|----|-----|-----|---|---|---|----|----|---|---|---|---|
| 1961 May 16 to June 28 | North Harbour River, Nfld. (FRB) | Internal anchor | 1,084 | 3 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1962 May 15 to June 15 | ca. Cains Stream, P.E.I. | Bead tag | 1,184 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - |
| 1962 June 15 and 22 | N.M. - Miramichi H | Carlin tag | 1,859 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1962 June 24 | ca. Margaree River, N.S. H | Carlin tag | 4,248 | 1 | 1* | 1 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 1962 June 2 | ca. 15.0 Miramichi and Margaree River, N.S. H | Experimental mental | 1,380 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1962 May 27-30 | N.W. - Miramichi H | Bead tag | 500 | - | 1 | 10 | - | -* | 2* | 1 | - | - | - | 1 | - | - | - | - | - |
| 1962 May 24-30 | ca. F.W. - 14.5 Miramichi H | Carlin tag | 4,029 | 2 | 4* | 11* | 22* | - | 18* | 16* | 4 | 1 | - | - | 1 | - | - | - | - |
| 1962 May 17 to June 3 | ca. F.W. - 14.3 Miramichi H | Carlin tag | 1,582 | - | 2* | 2* | 11 | 42 | 2* | 12* | 2 | - | - | -* | 2* | - | - | - | - |
| 1962 May 1 to 13 | North Harbour River, Nfld. (FRB) | Internal anchor | 790 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1963 June 2-25 | N.W. - Miramichi H | Carlin tag | 4,553 | 9 | 3 | 14 | 15 | 31 | 4 | 2 | 5 | - | - | - | 2 | - | - | - | - |

(c)

Table A (cont'd.)

| | | | | | | | | | | | | | | | | | | | | |
|----------------|----------|-----------------------------|------------|-------|-----|----|----|----|---|----|----|----|----|----|----|---|---|---|---|---|
| 1963 June 2-5 | ca. 15.0 | Miramichi | Carlin tag | 125 | 2 | 1 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1963 May 28 | 14.3 | Curventon | Carlin tag | 1,000 | 2 | 1 | 2 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 1963 May 28 | 19.8 | Curventon late-run | Carlin tag | 1,089 | 11* | 1 | 2 | 2 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 1963 May 26 | 15.0 | Curventon early-run | Carlin tag | 1,003 | 33 | 2 | 16 | 8* | 1 | 2 | 1* | 2 | - | 1* | - | - | - | - | - | - |
| 1963 May 28 | 15.9 | Gains Stream, P.S.S. July 4 | Carlin tag | 317 | 1 | 1 | 1 | 1 | - | - | - | - | - | - | 2* | - | - | - | - | - |
| 1963 June 3-23 | 13.0 | Curventon | Carlin tag | 195 | 1 | 1 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 1963 June 5 | 14.1 | Miramichi | Carlin tag | 993 | 2* | 1* | 3* | 3* | - | 1* | - | - | - | - | - | - | - | - | - | - |
| 1963 June 3 | 15.0 | Margaree River, P.S. H | Carlin tag | 993 | 3 | 3 | 18 | 18 | 2 | 2 | 2 | 1* | 1* | 1* | - | - | - | - | - | - |
| 1963 June 3 | 19.8 | Margaree River, P.S. H | Carlin tag | 1,024 | 5 | 5 | 11 | 11 | 1 | 1 | 2* | 2* | 2* | 2* | - | - | - | - | - | - |
| 1963 June 3 | 14.3 | Margaree River, P.S. H | Carlin tag | 1,035 | 1 | 1 | 1 | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 1963 June 1-20 | 15.0 | Margaree River, P.S. H | Carlin tag | 700 | - | - | - | 3* | - | 3* | - | - | - | - | - | - | - | - | - | - |

(d)

Table A (cont'd)

| | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|--|----------------------|--------|---|----|-----|-----|-----|----|-----|-----|----|---|---|---|---|---|---|---|---|
| 1962 May 30 - to June 17 | Fort's Harbour River, B.C. (FHS) | Internal anchor | 155 | - | 1 | 2 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - |
| 1964 May 18 ca. to June 2 | ca. 13.5 Miranichi R. | Carlin 14,000 tag | 14,000 | 7 | 9* | 34* | 63* | 61* | 2* | 11* | 46* | 7 | 1 | - | 1 | 7 | - | - | - | - |
| 1964 May 11-22 | ca. 13.0 Miranichi R. | Carlin 11,500 tag | 11,500 | 3 | 4 | - | 15 | 1 | - | -* | 3* | 1* | 1 | - | - | - | - | - | - | - |
| 1964 Apr. 25 | 17.7 Margaree River, B.C. early-run R. | Carlin 1,000 tag | 1,000 | - | 2 | - | 2 | 4 | - | 1* | - | - | - | - | - | - | - | - | - | - |
| 1964 Apr. 25 | 11.2 Margaree River, B.C. late-run R. | Carlin 1,000 tag | 1,000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1964 Apr. 25 | 12.9 Margaree River, B.C. tag | Carlin tag | 999 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1964 June 1-20 | ca. 13.0 Miranichi R. | Carlin tag | 220 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1964 Apr. 22 | 17.7 Big Salmon River, B.C. early-run R. | Carlin tag | 993* | - | 1 | 4 | 2 | 2 | - | - | - | 2 | 1 | - | 1 | - | - | - | - | - |
| 1964 Apr. 22 | 12.9 Big Salmon River, B.C. tag | Carlin tag | 990* | - | - | - | 2* | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1964 Apr. 22 | 11.2 Big Salmon River, B.C. late-run R. | Carlin tag | 995* | - | - | - | -* | - | - | - | - | - | - | - | - | - | - | - | - | - |

Table A (cont'd.) (e)

| Date | Location | Tag | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|------------------------|-------------------------------------|-----------------------|-----|-----|-----|-----|-----|----|----|-----|---|----|----|----|
| 1964 Dec. 13 | ca. Miramichi estuary (parr) | Carlin 1,971 tag | - | - | - | - | - | - | - | - | - | - | - | - |
| 1964 May 6 to May 28 | North Harbour River, Nfld. (YRB) | Internal 1,827 anchor | - | - | - | - | - | - | - | - | - | - | - | - |
| 1964 June | River Philip, N.S. (RDS) | Bead 11,383 tag | 4 | 3 | - | - | - | 42 | - | 23 | - | - | - | 34 |
| 1964 April | Big Salmon River, N.B. | Carlin 18,000 tag | - | 8 | - | 3 | 7 | - | - | - | - | - | - | 3 |
| 1965 May 18-28 | N.W. Miramichi | Carlin 14,823 tag | 44* | 68* | 65* | 73* | 63* | - | 46 | 65 | 6 | 6 | 6 | 6 |
| 1965 May 20 to June 20 | N.W. Miramichi | Carlin 15,452 tag | 71* | 14 | 24* | 56* | 82* | - | 18 | 140 | 5 | 12 | 5 | 12 |
| 1965 Mar. 16 | Miramichi estuary (post-smolts) | Carlin 203 tag | 1* | - | 1 | 2* | - | - | - | - | - | - | - | - |
| 1965 May 10 and 20 | Margaree River, N.S. | Carlin 5,633 tag | 4 | - | - | - | - | - | 1 | 4 | 3 | 4 | 4 | - |
| 1965 June 7-14 | Margaree River, N.S. 18 cm late-run | Carlin 2,522 tag | 6* | 2* | 2* | 22 | - | - | 3 | 9 | 2 | 2 | 2 | - |
| 1965 June 14-17 | Margaree River, N.S. 18 cm late-run | Carlin 2,519 tag | 6* | 3 | - | 3 | - | - | 1 | 5 | 3 | 2 | 2 | 4 |

(1)

| Table A (cont'd) | | Margarée Carlin 1,031 | | | | | | | | | |
|------------------------|------------------------------------|-----------------------|---------|----|----|----|----|----|----|--|--|
| 1965 June 15 to July 9 | Margarée Carlin tag River, N.S. | | | | | | | | | | |
| 1965 May 6 to June 4 | North Harbour River, Nfld. (FRB) | Internal anchor | 423 | | | | | | | | |
| 1965 April | Big Salmon River, N.B. tag | Carlin tag | 20,000 | 1 | 10 | - | 6 | 6 | 56 | | |
| 1965 Dec. 15 | Nashwaak River, N.B. (post-smolts) | Carlin tag | 223 | | | | | | | | |
| 1966 May 16 to June 16 | N.W. Miramichi | Carlin tag | 7,648* | 22 | 33 | 13 | 21 | 45 | | | |
| 1966 June 1-8 | N.W. Miramichi | Carlin tag | 32,116* | 48 | 55 | 47 | 60 | 29 | | | |
| 1966 Apr. and May | Big Salmon River, N.B. tag | Carlin tag | 18,000 | | | | | | | | |
| 1966 May 3 to June 17 | North Harbour River, Nfld. (FRB) | Internal anchor | 916 | | | | | | | | |
| 1966 May 30- June 3 | Margarée River, N.S. tag | Carlin tag | 11,795 | 7 | 8 | - | 5 | 1 | | | |
| 1966 Aug.-Sept. | Margarée River, N.S. tag | Carlin tag | 3,619 | | 1 | - | 1 | | | | |

Table A (cont'd.)

(2)

| | | | | | | | | |
|--------------------|-------------------------------------|-----------------------------|--------|---|---|---|---|---|
| 1966 June | Margaree River, N.S. | Carlin tag | 143 | - | - | - | 1 | - |
| 1966 Nov. 15 to 21 | Margaree River, N.S. | Carlin tag | 4,060 | - | - | - | 1 | - |
| 1966 Nov. 17 | Margaree estuarial (part) | Carlin tag (poly. modified) | 994 | - | - | - | - | - |
| 1966 Mar. 21 | Miramichi estuary (post-smolts) | Carlin tag | 112 | - | 1 | 1 | - | - |
| 1966 July-Nov. | N.W. Miramichi at Trout Brook, N.B. | Carlin tag (poly. modified) | 15 | - | - | - | - | - |
| 1966 June 8 | Digdeg-nash estuary, N.B. | Carlin tag | 200 | - | - | - | - | - |
| 1967 June-Nov. | N.W. Miramichi at Trout Brook, N.B. | Carlin tag (poly. modified) | 249 | - | - | - | - | - |
| 1967 June | N.W. Miramichi | Carlin tag | 11,294 | - | - | - | - | - |

(h)

| | |
|------------------|---|
| Table A (cont'd) | |
| 1967 June - | N.W. Carlin 29,914 Miranichi tag H |
| 1967 June - | Margaree Carlin 12,000 River, N.S. tag H |
| 1967 June - | Beddeck Carlin 5,000 River, N.S. tag H |
| 1967 June - | North Carlin 5,000 River, tag St. Ann's Bay, N.S. H |

(a)

Table 2 - Adult salmon Year 1 = 1st return as an adult, i.e., for smolts it is 1 year after tagging but for older fish is year of tagging.

| Year | Date | Salmon or Frilse | Place tagged | Type of mark | No. released | Year 1 | | Year 2 | | Year 3 | | Year 4 | |
|------|--------------------|------------------|------------------------|--------------|--------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | | | | | Commercial Green-land | Commercial Home River | Commercial Green-land | Commercial Home River | Commercial Green-land | Commercial Home River | Commercial Green-land | Commercial Home River |
| | | | | | | Counting fence | Counting fence | Counting fence | Counting fence | Counting fence | Counting fence | Counting fence | Counting fence |
| 1960 | May-Oct. | S | Curventon, N.B. | Experimental | 37 | - | - | 1* | 1 | - | - | - | - |
| 1960 | June-Oct. | G | Curventon, N.B. | Experimental | 396 | - | 4 | 45* | 168 | 1 | 1 | 4 | 1* |
| 1960 | May-Nov. | S | Millbank, N.B. | Experimental | 85 | - | 21 | 8 | 3 | - | - | 3 | -* |
| 1960 | June-Nov. | G | Millbank, N.B. | Experimental | 70 | - | 5 | 7 | 6 | - | - | 2* | 2 |
| 1960 | May 23 to Sept. 24 | - | Little Godroy R. Nfld. | Atkins | 88 | - | - | - | - | 1 | 3 | 2 | - |
| 1961 | June-Oct. | S | Curventon, N.B. | Experimental | 171 | - | - | 2* | 13* | - | 1* | 5 | 1* |
| 1961 | June-Oct. | G | Curventon, N.B. | Experimental | 132 | - | - | 3* | 12* | - | - | 2* | - |
| 1961 | May-Nov. | S | Millbank, N.B. | Experimental | 120 | - | - | 15 | 18 | - | - | 2 | 1* |
| 1961 | June-Oct. | G | Millbank, N.B. | Experimental | 99 | - | - | 6 | 14 | - | - | 1* | - |
| 1961 | May 15 to Oct. 30 | - | Little Godroy R. Nfld. | Atkins | 59 | - | 1 | - | 3 | - | - | 1 | - |
| 1962 | May-Oct. | S | Curventon, N.B. | Experimental | 72 | - | - | 2* | 3 | 1 | - | -* | 1 |
| 1962 | June-Oct. | G | Curventon, N.B. | Experimental | 291 | - | - | 2 | 27 | 1 | 1 | 1 | 10* |

1 tag returned in 1967-year of catch not known (home river)

(c)

Table B (cont'd.)

| | | | | | | | | | | | | | | | | |
|---|--------|--|------|---|----|-----|------|-----|----|-----|----|----|---|---|----|---|
| 1964 Sept. 4 Kelt to 51.0 Nov. 5 cm | S | Indian Peter- River, sen Hfld. | 162 | - | - | - | - | 74 | 6 | 1 | 2 | - | 3 | 1 | - | - |
| 1964 June- Sept. | S | Saint Al. John wing Harbour and River, N.B. | 570 | - | 1 | 102 | 27 | 45 | 2 | 5 | 2 | - | - | 1 | - | - |
| 1965 May- Oct. | S | Mill- Carlin bank, N.B. tag | 235 | - | 0* | 33* | 39* | 14 | 3 | 9* | 2* | - | 1 | 1 | - | 1 |
| 1965 June- Oct. | G | Mill- Carlin bank, N.B. tag | 743 | - | - | 58 | 215* | 57* | 2 | 14* | 7* | 1* | - | 5 | 8 | 1 |
| 1965 May- Oct. | S | Curven- Carlin ton, N.B. tag | 28* | - | - | 2* | 4 | 1 | 2 | 1* | - | - | - | 4 | - | 1 |
| 1965 June- Oct. | G | Curven- Carlin ton, N.B. tag | 332* | - | - | 5 | 76* | 36 | 3* | 4 | 6* | 3* | - | 3 | 11 | 1 |
| 1965 Nov. 9 Kelt and 50.3 10 cm | | Indian Peter- River, sen Hfld. | 105 | - | - | - | - | - | 30 | 7 | 1 | 1 | - | - | - | - |
| 1965 May- Oct. | Adults | Saint Carlin 2,829 John white Harbour plastic and River, N.B. | | - | 2 | 375 | 79 | 295 | - | 66 | 68 | 47 | 2 | - | - | - |

(2 tags returned in 1967 -
year of catch not known -
reported angled)

(d)

Table B (cont'd.)

| | | | | | | | | | | | |
|------------------------|--------------------|--|---------------------|---|---|-----|-----|-----|---|---|---|
| 1966 June-Oct. | S | Mill- bank, N.B. tag | Carlin 218 | - | - | 43 | 13 | 56 | - | - | - |
| 1966 June-Oct. | G | Mill- bank, N.B. tag | Carlin 670 | - | - | - | - | - | - | - | - |
| 1966 May-Nov. | S | Curven- ton, N.B. tag | Carlin 42* | - | - | 1* | 4* | 6* | - | 1 | - |
| 1966 June-Nov. | G | Curven- ton, N.B. tag | Carlin 316* | - | - | 2* | 70* | 43* | - | 4 | 2 |
| 1966 Oct. | S | Trout Brook, N.B. tag | Carlin 5 | - | - | - | - | - | - | - | - |
| 1966 Oct. and Nov. | G | Trout Brook, N.B. | Carlin tag 25 | - | - | - | 2* | - | - | 1 | - |
| 1966 Oct. 23 to Nov. 8 | Kelt 49.1 cm | Indian River, Nfld. | Peter- sen 72 | - | - | - | - | - | - | - | - |
| 1966 Oct. 23 to Nov. 8 | Kelt 48.3 cm | Indian River, Nfld. | Atkins 70 | - | - | - | - | - | - | - | - |
| 1966 Apr. to Oct. | Adult | Saint John Harbour and River, N.B. | Carlin 2,485 | - | 1 | 210 | 71 | 30 | - | 1 | 1 |
| 1967 | S | Curven- ton, N.B. tag | Carlin 34 | - | - | - | 3 | 6 | - | - | - |
| 1967 | G | Curven- ton, N.B. tag | Carlin 201 | - | - | - | 14 | 26 | - | - | - |