

INSTITUTE FOR FISHERIES RESEARCH
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RECORD OF TAGGING INVESTIGATIONS, IN THE FALL OF 1930

On the accompanying sheets we give the detailed records on the tagging of 1020 wild trout in the streams of Osceola, Lake, Wexford and Newaygo Counties, in the fall of 1930. These records cover 28 pages. Appended to these records are two briefer reports, one on the recaptures obtained in the work and one on some fruitless efforts at further recaptures. All recaptured trout were at once liberated again. Toward the end of the work recaptures became increasingly frequent as the fish were becoming largely tagged in certain streams, especially in Little Beaver Creek, but conditions did not make it convenient to keep a detailed record of these recaptures, mostly of trout tagged only a few days previously.

It is of interest to note that in all this work, even in streams like the Little Beaver in which toward the close of the work about nine-tenths of the fish seined were already tagged, that only three or four dead trout were found dead and that none of them had been tagged. And none were found on which the tags had torn loose. Since McCrimmon customarily tagged the fish on the right side, he surely would have noticed any wounds made by the tearing out of tags and he noticed no apparent infections about the attachment of the tag. A few tags had become loose enough to hang downward, but even these showed no apparent sore about the tag. We conclude that in the fall at least, the tagging of wild trout is not destructive to the fish.

The majority of the trout tagged in the fall of 1930 were caught in closed streams.

They were caught before and after the run in from bigger waters. The points of recapture of those fish next year, by anglers and by our own parties, will be watched with great interest.

INSTITUTE FOR FISHERIES RESEARCH

Carl L. Hubbs

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Director

Trout Tagged - Recaptured and Liberated by McCrimmon, Fall, 1930

| Tag No. | Species | Date Tagged | Locality where tagged | Locality where Recaptured and Liberated |
|---------|---------|-------------|---|---|
| 29-646 | Brook | 10-21 | Little Beaver Cr., Osceola Co., Leroy Twp., T. 19 N., R. 10 W., Sec. 18. 1/8" from road bridge to mouth. | 10-15 Same Locality |
| 29-649 | Brook | 10-21 | " " " " " " " " " " | 11-12 Same Locality |
| 29-649 | Brook | 10-21 | " " " " " " " " " " | 11-15 Same Locality |
| 29-684 | Brook | 10-22 | " " " " " " " " " " | 11-15 Same Locality |
| 5963 | Brook | 10-16 | Silver Cr., Lake Co., Dover Twp., T. 20 N, R. 11 W., Sec. 8, at old camp S. Location. | 10-20 1/4 mi. upstream |
| 5972 | Rainbow | 10-16 | " " " " " " " " " " | 10-20 Same Locality |
| 5988 | Brook | 10-17 | " " " " " " " " " " Downstream from Camp S. | Same Locality |
| 5999 | Brook | 10-17 | " " " " " " " " " " | 10-20 Same Locality |
| 9961 | Brook | 10- 8 | Silver Creek, Sec. 7, Near State road bridge | 10-20 1/2 mi. upstream |
| 9965 | Brook | 10-8 | " " " " " " " " " " | 10-20 Same Location |
| 9983 | Brook | 10- 9 | " " " 8 Old Camp S. Location | 10-20 Same Location |
| 9998 | Brook | 10-10 | " " " 7 Near state road bridge | 10-20 Same Location |
| 10034 | Brook | 10-23 | Little Beaver Cr., Osceola Co., Leroy Twp., T. 19 N R. 10 W., Sec. 18, 1/8 Mi. below road bridge to mouth | 11-12 Same Location |
| 10050 | Brook | 10-23 | " " " " " " " " " " | 11-12 Same Location |
| 10054 | Brook | 10-23 | " " " " " " " " " " | 11-12 Same Location |
| 10111 | Brook | 10-24 | " " " " " " " " " " | 11-15 Same Location |
| 10127 | Brook | 10-25 | " " " " " " " " " " | 11-15 Same Location |
| 10209 | Brook | 10-26 | " " " " " " " " " " | 11-12 Same Location |
| 10219 | Brook | 10-27 | " " " " " " " " " " | 11-15 Same Location |
| 10236 | Brook | 10-27 | " " " " " " " " " " | 11-15 Same Location |

Trout Tagged - Recaptured and Liberated by McCrimmon, Fall, 1930 (continued).

| Tag No. | Species | Date Tagged | Locality where tagged | Locality where Recaptured and Liberated |
|---------|---------|-------------|---|---|
| 10261 | Brook | 10-28 | Little Beaver Cr., Osceola Co., Leroy Twp., T. 19 N. R. 10 W., Sec. 18, 1/8 mi. below road bridge to mouth | 11-15 Same Location |
| 10573 | Brook | 11-12 | " " " " " " " " " " " " | 11-12 150 yds. upstream |
| 10576 | Brook | 11-12 | " " " " " " " " " " " " | 11-15 Same Location |

Attempts to Recapture Spring tagged Trout by McCrimmon, Fall 1930 - 10' hauls 6' Seine 3/8" M.

| Date | No. of Hauls | No of trout Caught | Tagged Trout | Name of Stream | County | Township | T | R. | Sec. | Exact Location |
|---------|--------------|--------------------|--------------|----------------|------------------|---------------|------------|------------|------|---|
| Oct. 12 | 167 | 30 | 0 | Big Beaver Cr. | Osceola | Leroy Twnp. | 19N | 10W | 7-16 | From mouth to 20 yds. in Sec. 16. |
| Oct. 13 | 147 | 27 | 0 | " " " | " | " " | " | " | " | Sec. 16 line to mouth of Little Beaver. |
| Oct. 14 | 109 | 24 | 0 | " " " | " | " " | " | " | " | Mouth of Little Beaver to Sec. line of 16-17. |
| Oct. 15 | 115 | 19 | 0 | Baldwin Creek | Lake | Cherry Valley | 13N | 12W | 4 | On Andy White farm to Big Swamp |
| Oct. 18 | 50 | 14 | 0 | Baker Creek | " | Yates | 17N | 12W | 32 | 1 mile below Headwaters |
| Oct. 19 | 96 | 14 | 0 | Coe Creek | Lake and Osceola | Dover-Burdell | 20N 20N | 11W 10W | | Hit and miss the full length |

| Tag No. | Species | Size | Sex | Maturity | Date | Name of Stream | County | Township | T. | R. | Sec. | Exact Location |
|---------|------------|--------|-----|----------|------|-----------------|--------|-----------|-----|-----|------|---------------------|
| 9885 | Brown | 7 1/4" | M | | 9-25 | Little Manistee | Lake | Newkirk | 19N | 12W | 15 | Richardson Property |
| 9886 | " | 7 1/2" | M | | " | " | " | " | " | " | " | " |
| 9887 | " | 6" | F | | " | " | " | " | " | " | " | " |
| 9888 | Rainbow | 5 3/4" | F | | " | " | " | " | " | " | " | " |
| 9889 | Brown | 8 1/4" | F | | " | " | " | " | " | " | " | " |
| 9890 | Brook | 7 3/4" | M | | " | " | " | " | " | " | " | " |
| 9891 | " | 7 1/2" | F | | 9-26 | " | " | " | " | " | 16 | Old Careyville |
| 9892 | " | 7 3/4" | F | | " | " | " | " | " | " | " | " |
| 9893 | " | 6" | M | | " | " | " | " | " | " | " | " |
| 9894 | " | 7 3/8" | M | | " | " | " | " | " | " | " | " |
| 9895 | " | 7" | M | | " | " | " | " | " | " | " | " |
| 9896 | Rainbow | 9 1/4" | F | | " | " | " | " | " | " | " | " |
| 9897 | " | 7 1/2" | M | | " | " | " | " | " | " | " | " |
| 9898 | " | 6" | M | | " | " | " | " | " | " | " | " |
| 9899 | (Not used) | | | | | | | | | | | |
| 9900 | (Not used) | | | | | | | | | | | |
| 9901 | Brook | 7" | M | | 9-27 | " | " | Ellsworth | 19N | 11W | 18 | Below Luther Dam |
| 9902 | " | 7 1/2" | F | | " | " | " | " | " | " | " | " |
| 9903 | " | 6 1/2" | F | | " | " | " | " | " | " | " | " |
| 9904 | " | 6 3/4" | F | | " | " | " | " | " | " | " | " |
| 9905 | " | 7 1/4" | F | | " | " | " | " | " | " | " | " |
| 9906 | " | 7 3/4" | F | | " | " | " | " | " | " | " | " |
| 9907 | " | 7 1/4" | F | | " | " | " | " | " | " | " | " |
| 9908 | Rainbow | 7 1/4" | F | | 9-28 | " | " | " | " | " | " | " |
| 9909 | Brook | 6 1/4" | M | | " | " | " | " | " | " | " | " |
| 9910 | " | 5 3/4" | F | | " | " | " | " | " | " | " | " |
| 9911 | " | 6 3/4" | M | | " | " | " | " | " | " | " | " |
| 9912 | " | 7" | M | | 9-29 | " | " | " | " | " | " | " |
| 9913 | " | 7 1/4" | F | | " | " | " | " | " | " | " | " |
| 9914 | " | 7 1/2" | F | | " | " | " | " | " | " | " | " |
| 9915 | " | 6 3/4" | F | | " | " | " | " | " | " | " | " |
| 9916 | " | 8" | M | | " | " | " | " | " | " | " | " |
| 9917 | Rainbow | 7 1/8" | M | | " | " | " | " | " | " | " | " |
| 9918 | Brook | 7 3/4" | M | | 9-30 | " | " | " | " | " | " | " |
| 9919 | " | 7 1/2" | F | | " | " | " | " | " | " | " | " |
| 9920 | " | 6 7/8" | M | | 10-5 | " | " | " | " | " | " | " |
| 9921 | Rainbow | 7 1/2" | F | | " | " | " | " | " | " | " | " |
| 9922 | Brook | 7 1/4" | M | | " | " | " | " | " | " | " | " |
| 9923 | " | 7 3/4" | F | | " | " | " | " | " | " | " | " |
| 9924 | " | 7 1/2" | F | | " | " | " | " | " | " | " | " |
| 9925 | Rainbow | 6 1/2" | F | | 10-7 | West Twin Creek | " | Newkirk | 19N | 10W | 7-8 | Above M63 Bridge |

| Tag No. | Species | Size | Sex | Maturity | Date | Name of Stream | County | Township | T. | R. | Sec. | Exact Location |
|---------|---------|---------|-----|----------|-------|----------------|--------|----------|-----|-----|------|-----------------------------|
| 10491 | Brook | 6 5/8" | M | | 11-7 | Baldwin Creek | Lake | Newkirk | 20N | 12W | 34 | Spawning Beds |
| 10492 | " | 7 3/4" | M | | " | " | " | " | " | " | " | " |
| 10493 | " | 6" | M | | " | " | " | " | " | " | " | " |
| 10494 | " | 7 5/8" | F | | " | " | " | " | " | " | " | " |
| 10495 | " | 8 1/2" | M | | " | " | " | " | " | " | " | " |
| 10496 | " | 9 1/4" | M | | " | " | " | " | " | " | " | " |
| 10497 | " | 7 3/4" | F | | " | " | " | " | " | " | " | " |
| 10498 | " | 8 3/4" | M | | " | " | " | " | " | " | " | " |
| 10499 | " | 6 1/4" | F | | " | " | " | " | " | " | " | " |
| 10500 | " | 7 5/8" | M | | " | " | " | " | " | " | " | " |
| 10501 | " | 7 7/8" | M | | 11-8 | Sanborn Creek | " | Finora | 18N | 11W | 19 | Upstream from Power Line |
| 10502 | " | 7 1/2" | M | | " | " | " | " | " | " | " | " |
| 10503 | " | 7 3/4" | M | | " | " | " | " | " | " | " | " |
| 10504 | " | 7 3/8" | F | | " | " | " | " | " | " | " | " |
| 10505 | " | 7 1/2" | M | | " | " | " | " | " | " | " | " |
| 10506 | " | 8 7/8" | M | | " | " | " | " | " | " | " | " |
| 10507 | Brown | 7 1/4" | F | | " | " | " | " | " | " | " | " |
| 10508 | " | 7 7/8" | F | | " | " | " | " | " | " | " | " |
| 10509 | " | 5 3/4" | M | | " | " | " | " | " | " | " | " |
| 10510 | " | 5 3/4" | M | | " | " | " | " | " | " | " | " |
| 10511 | " | 6" | F | | " | " | " | " | " | " | " | " |
| 10512 | " | 6 7/8" | F | | " | " | " | " | " | " | " | " |
| 10513 | " | 6 3/8" | F | | " | " | " | " | " | " | " | " |
| 10514 | " | 7 3/8" | F | | " | " | " | " | " | " | " | " |
| 10515 | Brook | 7 1/2" | M | | " | " | " | " | " | " | " | " |
| 10516 | " | 7" | M | | " | " | " | " | " | " | " | " |
| 10517 | " | 7 1/2" | M | | " | " | " | " | " | " | " | " |
| 10518 | " | 7 3/4" | F | | " | " | " | " | " | " | " | " |
| 10519 | " | 7 1/4" | F | | " | " | " | " | " | " | " | " |
| 10520 | " | 7 7/8" | M | | " | " | " | " | " | " | " | " |
| 10521 | " | 6 1/2" | F | | " | " | " | " | " | " | " | " |
| 10522 | " | 7 3/4" | M | | " | " | " | " | " | " | " | " |
| 10523 | " | 6 3/4" | F | | " | " | " | " | " | " | " | " |
| 10524 | " | 7 1/2" | F | | " | " | " | " | " | " | " | " |
| 10525 | " | 7" | F | | " | " | " | " | " | " | " | " |
| 10526 | " | 6 1/4" | F | | " | " | " | " | " | " | " | " |
| 10527 | " | 7 1/4" | M | | " | " | " | " | " | " | " | " |
| 10528 | " | 6 1/2" | M | | " | " | " | " | " | " | " | " |
| 10529 | " | 6" | F | | " | " | " | " | " | " | " | " |
| 10530 | " | 17 1/4" | M | | 11-10 | " | " | " | " | " | " | " |

| Tag No. | Species | Size | Sex | Maturity | Date | Name of Stream | County | Township | T. | R. | Sec. | Exact Location |
|---------|----------|---------|-----|----------|------|----------------|--------|----------|-----|-----|------|-----------------------------|
| 10726 | Brown | 7 1/2" | M | Ripe | 12-1 | McCarty Creek | Lake | Sauble | 19N | 14W | 14 | Between Bartletts and Grade |
| 10727 | " | 9 5/8" | F | Green | " | " | " | " | " | " | " | " |
| 10728 | " | 8 1/2" | M | Ripe | " | " | " | " | " | " | " | " |
| 10729 | " | 8 1/4" | F | " | " | " | " | " | " | " | " | " |
| 10730 | " | 9 1/4" | M | " | " | " | " | " | " | " | " | " |
| 10731 | " | 7 1/8" | M | " | 12-2 | " | " | " | " | " | " | " |
| 10732 | " | 9 1/4" | M | " | " | " | " | " | " | " | " | " |
| 10733 | " | 9 3/4" | M | " | " | " | " | " | " | " | " | " |
| 10734 | " | 10 1/2" | F | Green | 12-2 | " | " | " | " | " | " | " |
| 10735 | " | 6 3/4" | M | " | " | " | " | " | " | " | " | " |
| 10736 | " | 7 1/4" | F | " | " | " | " | " | " | " | " | " |
| 10737 | " | 8 1/2" | M | " | " | " | " | " | " | " | " | " |
| 10738 | Not used | | | | | | | | | | | |
| 10739 | Brook | 6 5/8" | M | " | " | " | " | " | " | " | " | " |
| 10740 | Brook | 10 1/4" | F | Ripe | " | " | " | " | " | " | " | " |
| 10741 | Brook | 6 1/4" | M | " | " | " | " | " | " | " | " | " |
| 10742 | Brown | 9 1/2" | M | Green | " | " | " | " | " | " | " | " |
| 10743 | " | 7 1/2" | M | " | " | " | " | " | " | " | " | " |
| 10744 | " | 8 5/8" | M | Ripe | " | " | " | " | " | " | " | " |
| 10745 | " | 10 3/8" | M | Green | " | " | " | " | " | " | " | " |
| 10746 | " | 6 1/2" | F | " | " | " | " | " | " | " | " | " |
| 10747 | " | 8" | M | " | " | " | " | " | " | " | " | " |
| 10748 | " | 8 1/4" | M | Ripe | " | " | " | " | " | " | " | " |
| 10749 | " | 6 7/8" | M | Green | " | " | " | " | " | " | " | " |
| 10750 | " | 7 1/2" | M | " | " | " | " | " | " | " | " | " |
| 10751 | " | 9 1/4" | F | " | " | " | " | " | " | " | " | " |
| 10752 | " | 7 1/2" | M | Ripe | " | " | " | " | " | " | " | " |
| 10753 | " | 8 1/2" | F | Green | " | " | " | " | " | " | " | " |
| 10754 | " | 9 3/4" | F | Ripe | " | " | " | " | " | " | " | " |
| 10755 | " | 8 3/4" | M | " | " | " | " | " | " | " | " | " |

Total Number Tagged - 1,020