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FISH DIVISION

INSTITUTE FOR FISHERIES RESEARCH
UNIVERSITY MUSEUMS
UNIVERSITY OF MICHIGAN
ANN ARBOR, MICHIGAN

June 19, 1930

Report No. 17

FISH TAGGING EXPERIMENTS IN SPRING OF 1930

(First Installment)

The work on trout movements in the Spring of 1930 has consisted of four parts: (1) the checking and orderly filing of the mass of accumulated records and letters, turned over to the Institute after its organization; (2) correspondence regarding returns received this year, and the filing of same; (3) the tagging of nearly 1000 rainbow trout in connection with the spawn taking, for a further check on the movements of adult rainbow trout; (4) the tagging of 382 wild trout adults, mostly brook (332), some rainbows (46) and a few brown trout (4).

The tagging record for the wild trout is appended to this report. This part of the work was done by Gerald McCrimmon, in the last week of April and through May, 1930. The reason for this experiment is to determine to what extent the brook trout adults remain permanently in feeders which are or may be closed, and to what extent they drop down into the larger streams. A number of returns have already been received, but not enough to justify a tabulation of the results as yet.

By letter of June 16, the Institute is asked to furnish record of this year's plantings, for use in Departmental correspondence. The data we have is furnished. Most of the letters, however, refer to rainbow trout recaptures from the tagging

by J. P. Marks. The records for that work have just arrived. The accumulated correspondence has been answered.

In order to be sure the tagging data in the two offices is coordinated, we have prepared the following summary of the records in the Institute. There are two rather large gaps, 8351 to 8400 (49 tags) and 9626 to 9700 (75 tags). These gaps, as well as other minor ones, are unexplained. We request that the Fish Division check its records against our summary, and supply the Institute with any available missing records, if any exist. The Institute, in turn, will furnish any of the records it has, which are lacking in Lansing.

Summary of tagging records in
Office of Institute for Fisheries Research
June 24, 1930

Tag Nos.	Species	General locality of planting	Date
113 - 1800	Brook	Wexford, Missaukee, Manistee, Roscommon and Crawford Counties	Oct. 8-14 1928
1801 - 2000	Brown	Traverse Bay and Little Manistee River.	Dec. 7-8 1928
2002 - 2525	Brook	Marquette County	Oct. 13, 1928
2526 - 2699	Brown	Crystal L. and N. Br. of Lincoln River.	Dec. 10, 1928
2722 - 2986	Brook Rainbow	Lake, Osceola & Crawford Counties	Apr. 28 - May 30, 1930
3001 - 3310	Brook	Au Sable R. and branches	Dec. 12, 1928
3323 - 3370	Brook Rainbow	Lake and Osceola Counties	Apr. 26-28, 1930

Summary of tagging records in
Office of Institute for Fisheries Research
June 24, 1930 (continued)

Tag Nos.	Species	General Locality of planting	Date
3401 - 4000	Brown	Western Michigan	Dec. 5-7, 1928
4001 - 4638	Brook	Salmon Trout R.	Oct. 20, 1928
4644 - 4786	Brook, brown and Rainbow	Lake and Mason Counties	Nov. 5-9, 1928
4787 - 5000	Brown	Western Michigan	Dec. 7-8, 1928
5701 - 5751	Brook	Robinson Cr., Roscommon Co.	May 13-14, 1930
5752, 5756	Brook, brown	Livingston Co., Oakland Co.	June 20, 1930
5757 - 5799	Tags on hand		
5801 - 5834	Brook	Manistee R., Kalkaska Co.	May 17, 1930
5840 - 6000	Tags on hand		
6001 - 8350	Rainbow	Junction and Stronach dams; Fox Bridge; Pine Creek	Apr. 13-26, 1929
8401 - 8500	Rainbow	Junction Dam - put above dam.	May 10-16, 1930
8501 - 8619	Rainbow	"Put in Manistee R., below Junction Dam".	Apr. 30, 1929
8620 - 9000	Rainbow	Junction Dam - Put above Junction dam.	May 9-16, 1930
9001 - 9090	Rainbow (except 2 brown)	Pere Marquette R. Weir	Apr. 6 - May 30, 1929.
9092 - 9600	Rainbow	Manistee R., Junction Dam - Put above Junction & Stronach Dam.	Apr. 28- May 14, 1930.
9601 - 9625	Brown Brook Rainbow	Lake and Newaygo Counties	May 27-28, 1930
9701 - 10000	Tags on hand.		
'29-10-187	Yellow Pike	Saginaw Bay off Big Charity Id.	July 5, 1929
'29-226-599	Lake, Brook and Brown	Out from Oden Hatchery	Nov. 5-8, 1929

Note - Nos. '29-601-700 furnished Ludington Sportsmen Apr. 21.

Record of wild trout tagged by Gerald McCrimmon

in April and May, 1930

All released where caught.

Series I

Tag No.	Species	Length	Sex	Stream	County	T.	R.	Sec.	Date 1930
2722	Brook	6 1/4"	M	Au Sable E. Br.	Crawford	28N	2W	30	V:9
2723	"	6"	F	"	"	"	"	"	"
2724	"	5 3/4"	M	"	"	"	"	"	"
2725	"	6 1/8"	F	"	"	"	"	"	"
2726	"	6 3/4"	M	"	"	"	"	"	"
2727	"	6 1/2"	M	"	"	"	"	"	"
2728	"	6"	M	"	"	"	"	"	"
2730	"	6 1/4"	F	"	"	"	"	"	"
2731	"	5 3/4"	M	"	"	"	"	"	"
2732	"	6"	M	"	"	"	"	"	"
2733	"	7 1/2"	M	"	"	"	"	"	"
2734	"	6 3/4"	F	"	"	"	"	"	"
2735	"	7"	F	"	"	"	"	"	"
2736	"	6 3/4"	M	"	"	"	"	"	"
2737	"	7 1/4"	M	"	"	"	"	"	"
2738	"	7 1/4"	M	"	"	"	"	"	"
2739	"	8"	F	"	"	"	"	"	"
2740	"	7 1/2"	F	"	"	"	"	"	"
2741	"	7 1/4"	M	"	"	"	"	"	"
2742	"	7"	M	"	"	"	"	"	"
2743	"	7 1/2"	M	"	"	"	"	"	"
2744	"	8"	M	"	"	27N	3W	14-23	V:11
2745	"	8 1/2"	M	"	"	"	"	"	"
2746	"	8"	M	"	"	"	"	"	"
2747	"	8 1/4"	F	"	"	"	"	"	"
2748	"	7"	M	"	"	"	"	"	"
2749	"	6 3/4"	M	"	"	"	"	"	"
2750	"	6"	F	"	"	"	"	"	"
2751	"	7 1/4"	F	"	"	"	"	"	"
2752	"	8 1/4"	M	"	"	"	"	"	"
2753	"	9 3/4"	F	"	"	"	"	"	"
2754	"	7 1/2"	F	"	"	"	"	"	"
2755	"	6 3/4"	F	"	"	"	"	"	"
2756	"	9"	F	"	"	"	"	"	"
2757	"	8 3/4"	M	"	"	"	"	"	"
2758	"	7 1/2"	M	"	"	"	"	"	"
2759	"	6"	M	"	"	"	"	"	"
2760	"	9 1/2"	M	"	"	"	"	"	"
2761	"	10 1/4"	F	"	"	"	"	"	"

Series I (continued)

Tag No.	Species	Length	Sex	Stream	County	T.	R.	Sec.	Date 1930
2762	Brook	8 1/4"	M	Au Sable E. Br.	Crawford	27N	3W	14-23	V:11
2763	"	8 3/4"	M	" " " "	"	"	"	"	"
2764	"	7 1/2"	M	" " " "	"	"	"	"	"
2765	"	8 1/4"	M	" " " "	"	"	"	"	"
2766	"	9 1/4"	M	" " " "	"	"	"	"	"
2767	"	9 3/4"	F	" " " "	"	"	"	"	"
2768	"	7"	F	" " " "	"	"	"	"	"
2769	"	9 1/2"	F	" " " "	"	"	"	"	"
2770	Rainbow	7 1/2"	M	" " " "	"	"	"	"	"
2771	"	7"	F	" " " "	"	"	"	"	"
2772	"	6 3/4"	F	" " " "	"	"	"	"	"
2773	"	8 3/4"	F	" " " "	"	"	"	"	"
2774	Brook	7 1/2"	F	" " " "	"	"	"	"	V:18
2776	"	6 3/4"	M	" " " "	"	"	"	"	"
2777	"	8"	M	" " " "	"	"	"	"	"
2778	"	8"	M	" " " "	"	"	"	"	"
2779	"	7 1/2"	M	" " " "	"	"	"	"	"
2780	"	7 3/4"	M	" " " "	"	"	"	"	"
2781	"	8 1/4"	F	" " " "	"	"	"	"	"
2782	"	8 3/4"	F	" " " "	"	"	"	"	"
2783	"	9 1/2"	M	" " " "	"	"	"	"	V:11 V:11
2784	"	8 1/4"	F	" " " "	"	"	"	"	"
2785	"	7 1/2"	M	" " " "	"	"	"	"	"
2786	"	8 1/2"	M	" " " "	"	"	"	"	"
2788	"	7 1/2"	M	" " " "	"	"	"	"	"
2789	"	7 3/4"	F	" " " "	"	"	"	"	"
2790	"	8 3/4"	F	" " " "	"	"	"	"	"
2791	"	9"	F	" " " "	"	"	"	"	"
2792	"	9 1/2"	M	" " " "	"	"	"	"	"
2793	"	10"	F	" " " "	"	"	"	"	"
2794	"	7 3/4"	M	" " " "	"	"	"	"	"
2795	"	8 1/4"	M	" " " "	"	"	"	"	"
2801	"	6 1/2"	M	Barker Creek	"	6N	2W	2	V:19
2802	"	7"	M	" "	"	"	"	"	"
2803	"	7"	F	" "	"	"	"	"	"
2804	"	7 1/2"	M	" "	"	"	"	"	"
2805	"	6 1/2"	M	" "	"	"	"	"	V:22
2806	"	6 1/2"	M	" "	"	"	"	"	"
2807	"	6 1/2"	M	" "	"	"	"	"	"
2808	"	6"	M	" "	"	"	"	"	"
2809	"	7 1/4"	M	" "	"	"	"	"	"
2810	"	6 3/4"	F	" "	"	"	"	"	"
2811	"	8"	F	" "	"	"	"	"	"
2812	"	7"	F	" "	"	"	"	"	"
2813	"	7"	M	" "	"	"	"	"	"
2814	"	8 1/4"	F	" "	"	"	"	"	"
2815	"	7 3/4"	M	" "	"	"	"	"	"
2816	"	6"	M	" "	"	"	"	"	"

Series I (Continued)

Tag No.	Species	Length	Sex	Stream	County	T.	R.	Sec.	Date
2817	Brook	6 3/4"	M	Barker Creek	Crawford	6N	2W	2	V:22
2818	"	8 1/4"	M	" "	"	"	"	"	"
2819	"	7 3/4"	M	" "	"	"	"	"	"
2820	"	7 1/2"	F	" "	"	"	"	"	"
2821	"	7 3/4"	M	" "	"	"	"	"	"
2822	"	7 1/2"	M	" "	"	"	"	"	"
2823	"	6 1/2"	F	" "	"	"	"	"	"
2824	"	6 1/4"	M	" "	"	"	"	"	"
2825	"	6 1/2"	F	" "	"	"	"	"	"
2826	"	6"	F	" "	"	"	"	"	"
2827	"	7 1/2"	M	" "	"	"	"	"	"
2828	"	6 3/4"	M	" "	"	"	"	"	"
2829	"	7"	F	" "	"	"	"	"	"
2830	"	8"	F	" "	"	"	"	"	"
2831	"	7 3/4"	M	" "	"	"	"	"	"
2832	"	7"	F	" "	"	"	"	"	"
2833	"	6 1/2"	F	" "	"	"	"	"	"
2834	"	7 1/2"	M	" "	"	"	"	"	"
2835	"	6 1/2"	M	" "	"	"	"	"	"
2836	"	6"	F	" "	"	"	"	"	"
2849	"	7"	M	Baldwin Creek	Lake	18N	12W	4	V:24
2850	"	7 1/2"	M	" "	"	"	"	"	"
2851	"	6 1/2"	F	" "	"	"	"	"	"
2852	"	6 3/4"	F	" "	"	"	"	"	"
2853	"	8 1/4"	M	" "	"	"	"	"	"
2854	"	7 3/4"	F	" "	"	"	"	"	"
2855	"	7"	F	" "	"	"	"	"	"
2856	"	6 3/4"	M	" "	"	"	"	"	"
2857	"	7 1/2"	M	" "	"	"	"	"	"
2858	"	7"	M	" "	"	"	"	"	"
2859	"	8 1/4"	F	" "	"	"	"	"	"
2860	"	6"	M	" "	"	"	"	"	"
2861	"	6 1/2"	M	" "	"	"	"	"	"
2862	"	7"	M	" "	"	"	"	"	"
2863	"	6 3/4"	M	" "	"	"	"	"	"
2864	"	7"	M	" "	"	"	"	"	"
2865	"	6 1/2"	F	" "	"	"	"	"	"
2866	"	7 1/4"	F	" "	"	"	"	"	"
2867	"	7 1/2"	M	" "	"	"	"	"	"
2868	"	7"	M	" "	"	"	"	"	"
2869	"	6 3/4"	M	" "	"	"	"	"	"
2870	"	6 1/2"	M	" "	"	"	"	"	V:25
2871	"	7"	F	" "	"	"	"	"	V:25
2872	"	7 1/2"	M	" "	"	"	"	"	"
2873	"	7 1/4"	M	" "	"	"	"	"	"
2874	"	8"	M	" "	"	"	"	"	"
2875	"	6 3/4"	M	" "	"	"	"	"	"

Series I (continued)

Tag No.	Species	Length	Sex	Stream	County	T.	R.	Sec.	Date 1930
2876	Brook	7"	M	Baldwin Cr.	Lake	18N	12W	4	V:25
2877	"	6 1/2"	M	" "	"	"	"	"	"
2878	"	7 1/4"	M	" "	"	"	"	"	"
2879	"	7 3/4"	F	" "	"	"	"	"	"
2880	"	6 1/2"	F	" "	"	"	"	"	"
2881	"	7 1/2"	M	" "	"	"	"	"	"
2882	"	6"	M	" "	"	"	"	"	"
2883	"	7 1/2"	M	" "	"	"	"	"	"
2884	"	6"	M	" "	"	"	"	"	"
2886	"	9"	M	Baker Cr.	Lake	17N	12W	32	V:27
2887	"	8 1/4"	M	" "	"	"	"	"	"
2888	"	9 1/2"	M	" "	"	"	"	"	"
2889	"	9 1/2"	M	" "	"	"	"	"	"
2890	"	10"	M	" "	"	"	"	"	"
2892	"	7 3/4"	M	" "	"	"	"	"	"
2893	"	7"	M	" "	"	"	"	"	"
2894	"	8 1/4"	M	" "	"	"	"	"	"
2895	"	7 1/2"	F	" "	"	"	"	"	"
2896	"	8 1/4"	F	" "	"	"	"	"	"
2897	"	6 3/4"	F	" "	"	"	"	"	"
2899	"	7 1/4"	F	" "	"	"	"	"	"
2901	"	7 3/4"	F	Big Beaver	Osceola	19N	10W	7	IV:29
2902	"	9 1/4"	M	" "	"	"	"	"	"
2903	"	11"	F	" "	"	"	"	"	"
2904	"	7 1/2"	M	" "	"	"	"	"	"
2905	"	7"	F	" "	"	"	"	"	"
2906	"	8 1/2"	F	" "	"	"	"	"	"
2907	"	9"	M	" "	"	"	"	"	"
2908	Rainbow	7 3/4"	F	" "	"	"	"	19	IV:28
2909	Brook	6 1/2"	M	" "	"	"	"	7	IV:29
2910	Rainbow	8 1/4"	M	" "	"	"	"	19	IV:28
2911	Brook	9 1/2"	M	" "	"	"	"	7	IV:29
2912	"	6 1/2"	F	" "	"	"	"	"	"
2913	Rainbow	10 3/4"	F	" "	"	"	"	19	IV:28
2914	"	8"	F	" "	"	"	"	"	"
2915	"	9 1/2"	M	" "	"	"	"	"	"
2916	"	7 1/4"	F	" "	"	"	"	"	"
2917	"	8"	M	" "	"	"	"	"	"
2918	Brook	7 3/4"	F	" "	"	"	"	7	IV:29
2919	"	7 3/8"	M	" "	"	"	"	"	"
2920	"	6 3/4"	M	" "	"	"	"	"	"
2921	"	7"	F	" "	"	"	"	"	"
2922	"	8 1/2"	F	" "	"	"	"	"	"
2923	"	9 1/4"	M	" "	"	"	"	"	"
2924	Rainbow	6 3/4"	F	" "	"	"	"	19	IV:28
2925	"	9 1/2"	F	" "	"	"	"	"	"
2926	"	10"	F	" "	"	"	"	"	"
2927	Brook	9 1/2"	F	" "	"	"	"	7	IV:29
2928	"	6 "	M	" "	"	"	"	"	"

Series I (continued)

Tag No.	Species	Length	Sex	Stream	County	T.	R.	Sec.	Date 1930
2929	Brook	6 1/2"	M	Big Beaver	Osceola	19N	10W	7	IV:29
2930	Rainbow	8 1/4"	F	Big Beaver	"	"	"	"	"
2931	Brook	10 1/4"	M	" "	"	"	"	"	IV:30
2932	"	6 3/4"	F	" "	"	"	"	"	"
2933	"	7"	F	" "	"	"	"	"	"
2934	"	9 1/2"	F	" "	"	"	"	"	"
2935	Rainbow	7 3/4"	F	" "	"	"	"	"	"
2936	Brook	7 1/4"	M	" "	"	"	"	"	"
2937	"	6 3/4"	M	" "	"	"	"	"	"
2938	"	7 1/2"	M	" "	"	"	"	"	"
2939	"	10 3/8"	F	" "	"	"	"	"	"
2940	"	8 1/4"	M	" "	"	"	"	"	"
2941	"	7"	M	" "	"	"	"	"	"
2942	"	7 1/4"	M	" "	"	"	"	"	"
2943	"	6 3/4"	M	" "	"	"	"	"	"
2944	Rainbow	11 1/2"	M	" "	"	"	"	"	"
2945	Brook	6"	M	" "	"	"	"	"	"
2946	"	6 1/2"	M	" "	"	"	"	"	"
2947	Rainbow	6 1/2"	F	" "	"	"	"	"	"
2948	Brook	5 3/4"	M	" "	"	"	"	"	"
2949	"	7"	M	" "	"	"	"	"	"
2950	"	7"	M	" "	"	"	"	"	"
2951	Rainbow	11"	M	" "	"	"	"	"	"
2952	"	7 1/4"	M	" "	"	"	"	"	"
2953	"	6 1/2"	M	" "	"	"	"	"	"
2954	Brook	5 1/2"	M	" "	"	"	"	"	"
2955	"	6 3/4"	M	" "	"	"	"	"	"
2956	"	8 1/4"	M	" "	"	"	"	"	"
2957	"	8 1/2"	M	" "	"	"	"	"	"
2958	"	6 1/4"	M	" "	"	"	"	"	"
2960	Rainbow	24"	M	Over Luther Dam on	Lake	19N	11W	13	V:4
2961	Brook	8"		Little Manistee					
2961	Brook	8"	M	" "	"	"	"	"	"
2962	"	7"	M	" "	"	"	"	"	"
2963	"	7 1/2"	M	Big Beaver	Osceola	"	10W	5	V:1
2964	"	7 1/4"	M	" "	"	19N	"	"	"
2965	"	7"	F	" "	"	"	"	"	"
2966	"	8"	F	" "	"	"	"	"	"
2967	"	8 1/2"	M	" "	"	"	"	"	"
2968	Rainbow	10"	M	" "	"	"	"	"	"
2969	"	8 1/4"	M	" "	"	"	"	"	"
2970	Brook	8"	F	" "	"	"	"	"	"
2971	"	6"	M	" "	"	"	"	"	"
2972	"	6 1/2"	M	" "	"	"	"	"	"
2973	"	6 1/4"	F	" "	"	"	"	"	"
2974	"	7"	F	" "	"	"	"	"	"
2975	"	7 1/2"	M	" "	"	"	"	"	"
2976	"	8"	M	" "	"	"	"	"	"
2977	"	10 1/2"	M	" "	"	"	"	"	"

Series I (continued)

Tag No.	Species	Length	Sex	Stream	County	T.	R.	Sec.	Date 1930
2978	Brook	7"	M	Big Beaver	Osceola	19N	10W	5	V:1
2979	"	8 1/4"	F	" "	"	"	"	"	"
2980	"	9"	F	" "	"	"	"	"	"
2981	"	7 1/2"	F	" "	"	"	"	"	"
2982	"	8"	M	" "	"	"	"	"	"
2983	"	8 1/2"	F	" "	"	"	"	"	"
2984	"	7 3/4"	F	" "	"	"	"	"	"
2985	"	8"	M	" "	"	"	"	"	"
2986	"	8 1/2"	F	" "	"	"	"	"	"
3323	"	8"	F	Twin Creeks	Lake	"	12W	5	IV:26
3324	"	9"	M	" "	"	"	"	"	"
3325	"	7"	F	" "	"	"	"	"	"
3326	Rainbow	7"	M	" "	"	"	"	"	"
3327	"	8 1/2"	M	" "	"	"	"	"	"
3328	"	7 3/4"	M	" "	"	"	"	"	"
3329	"	7 1/2"	F	" "	"	"	"	"	"
3330	"	7 3/4"	F	" "	"	"	"	"	"
3331	"	8"	M	" "	"	"	"	"	"
3332	"	7"	F	" "	"	"	"	"	"
3333	"	7"	M	Silver Creek	"	20N	11W	21	IV:27
3334	"	7 1/2"	M	" "	"	"	"	"	"
3335	"	7 3/4"	F	" "	"	"	"	"	"
3336	"	6 3/4"	M	" "	"	"	"	"	"
3337	"	7 1/4"	M	" "	"	"	"	"	"
3338	Brook	7"	F	" "	"	"	"	"	"
3339	"	7 1/2"	F	" "	"	"	"	"	"
3340	"	7 1/4"	M	" "	"	"	"	"	"
3341	"	7 1/2"	M	" "	"	"	"	"	"
3342	"	6 3/4"	F	" "	"	"	"	"	"
3343	"	7 3/4"	F	" "	"	"	"	"	"
3344	"	7 1/4"	M	" "	"	"	"	"	"
3345	"	7"	M	" "	"	"	"	"	"
3346	Rainbow	6 3/4"	M	" "	"	"	"	18	"
3347	"	6 1/2"	M	" "	"	"	"	"	"
3349	"	6 1/2"	M	" "	"	"	"	"	"
3351	"	7"	F	" "	"	"	"	"	"
3353	Brook	6 1/4"	F	" "	"	"	"	"	"
3356	"	6 3/4"	M	" "	"	"	"	"	"
3358	"	6 3/4"	F	Big Beaver	Osceola	19N	10W	19	IV:28
3359	Rainbow	9"	M	" "	"	"	"	"	"
3360	"	8"	M	" "	"	"	"	"	"
3361	"	11"	F	" "	"	"	"	"	"
3362	Brook	6"	M	" "	"	"	"	"	"
3363	"	8 1/2"	F	" "	"	"	"	"	"
3364	"	6"	M	" "	"	"	"	"	"
3365	"	6 1/2"	F	" "	"	"	"	"	"
3366	Rainbow	10"	F	" "	"	"	"	"	"
3367	"	7 1/4"	M	" "	"	"	"	"	"
3368	Brook	8 1/2"	M	" "	"	"	"	"	"
3370	"	8"	F	" "	"	"	"	"	"

Series II

Tag No.	Species	Length	Sex	Stream	County	T.	R.	Sec.	Date 1930
5701	Brook	8 1/4"	M	Robinson Cr.	Roscommon	24N	2W	17	V:13
5702	"	7 3/4"	M	" "	" "	" "	" "	" "	" "
5703	"	5 3/4"	F	" "	" "	" "	" "	" "	" "
5704	"	6 3/4"	F	" "	" "	" "	" "	" "	" "
5705	"	6 1/2"	M	" "	" "	" "	" "	" "	" "
5706	"	6 1/2"	F	" "	" "	" "	" "	" "	" "
5707	"	5 3/4"	M	" "	" "	" "	" "	" "	" "
5708	"	7 1/2"	M	" "	" "	" "	" "	" "	" "
5709	"	7"	F	" "	" "	" "	" "	" "	" "
5710	"	6 1/4"	F	" "	" "	" "	" "	" "	" "
5711	"	6 1/4"	M	" "	" "	" "	" "	" "	" "
5712	"	6 3/4"	M	" "	" "	" "	" "	" "	" "
5713	"	5 1/2"	F	" "	" "	" "	" "	" "	" "
5714	"	8 1/4"	M	" "	" "	" "	" "	7-8	" "
5715	"	9"	M	" "	" "	" "	" "	" "	" "
5716	"	6"	M	" "	" "	" "	" "	" "	" "
5719	Brook	9 3/4"	F	Beaver Creek	Crawford	#2577	"	31	V:13 <i>Conroy</i>
5720	"	6"	M	<i>Robinson</i>	<i>Roscommon</i>	#247	"	#7-8	V:14 <i>Lee Kettle</i>
5721	"	6 3/4"	M	" "	" "	" "	" "	" "	<i>letter</i>
5722	"	9"	F	" "	" "	" "	" "	" "	<i>1-11-32.</i>
5723	"	10 1/2"	M	" "	" "	" "	" "	" "	" "
5724	"	9 1/4"	M	" "	" "	" "	" "	" "	" "
5725	"	8 3/4"	F	" "	" "	" "	" "	" "	" "
5726	"	7 3/4"	F	" "	" "	" "	" "	" "	" "
5727	"	9 1/2"	M	" "	" "	" "	" "	" "	" "
5728	"	8 3/4"	M	" "	" "	" "	" "	" "	" "
5729	"	8"	M	" "	" "	" "	" "	" "	" "
5730	"	8 1/4"	F	" "	" "	" "	" "	" "	" "
5731	"	9"	F	" "	" "	" "	" "	" "	" "
5732	"	9 1/2"	M	" "	" "	" "	" "	" "	" "
5733	"	7 1/4"	M	" "	" "	" "	" "	" "	" "
5734	"	9 3/4"	M	" "	" "	" "	" "	" "	" "
5735	"	9 1/2"	M	" "	" "	" "	" "	" "	" "
5736	"	9"	F	" "	" "	" "	" "	" "	" "
5737	"	8 3/4"	M	" "	" "	" "	" "	" "	" "
5739	"	8 1/8"	F	" "	" "	" "	" "	" "	" "
5740	"	8 1/2"	F	" "	" "	" "	" "	" "	" "
5741	"	7"	F	" "	" "	" "	" "	" "	" "
5742	"	6 3/4"	F	" "	" "	" "	" "	" "	" "
5743	"	9"	F	" "	" "	" "	" "	" "	" "
5744	"	10 1/4"	M	" "	" "	" "	" "	" "	" "
5745	"	9"	F	" "	" "	" "	" "	" "	" "
5746	"	9 1/2"	F	" "	" "	" "	" "	" "	" "
5747	"	7 3/4"	M	" "	" "	" "	" "	" "	" "
5748	"	6 1/2"	M	" "	" "	" "	" "	" "	" "
5749	"	7 1/4"	F	" "	" "	" "	" "	" "	" "
5750	"	10"	F	" "	" "	" "	" "	" "	" "
5751	"	9 1/4"	F	" "	" "	" "	" "	" "	" "
Series II a (interpolated)									
5752	Brook	5 7/8"	?	Honey Creek	Livingston	1N	4E	17	VI:20
5756	Brown	17"	M	Pettibone Cr.	Oakland	3N	7E	23	VI:20

Series III

Tag No.	Species	Length	Sex	Stream	County	T.	R.	Sec.	Date 1930
5801	Brown	7"	M	Manistee North Br. East Headwater	Kalkaska	28N	5W	1	V:17
5802	"	9 1/2"	M	" "	"	"	"	"	"
5803	"	10"	F	" "	"	"	"	"	"
5804	"	10 1/2"	F	" "	"	"	"	"	"
5805	"	7"	M	" "	"	"	"	"	"
5806	"	6 3/4"	M	" "	"	"	"	"	"
5807	"	6 1/2"	M	" "	"	"	"	"	"
5808	"	7 3/4"	F	" "	"	"	"	"	"
5809	"	7 3/4"	M	" "	"	"	"	"	"
5810	"	7"	M	" "	"	"	"	"	"
5811	"	8 1/4"	M	" "	"	"	"	"	"
5812	"	7 3/4"	M	" "	"	"	"	"	"
5813	"	8 1/4"	F	" "	"	"	"	"	"
5814	"	7 1/2"	M	" "	"	"	"	"	"
5815	"	6 3/4"	M	" "	"	"	"	"	"
5816	"	7"	M	" "	"	"	"	"	"
5820	"	7 1/2"	M	" "	"	"	"	"	"
5821	"	8"	F	" "	"	"	"	"	"
5822	"	6 1/2"	F	" "	"	"	"	"	"
5823	Brook	6 3/4"	M	" "	"	"	"	"	"
5824	"	7"	M	" "	"	"	"	"	"
5825	"	7 1/2"	F	" "	"	"	"	"	"
5826	"	6 3/4"	M	" "	"	"	"	"	"
5827	"	7 1/4"	F	" "	"	"	"	"	"
5828	"	9 1/2"	F	" "	"	"	"	"	"
5829	"	6 1/2"	M	" "	"	"	"	"	"
5830	"	7 3/4"	F	" "	"	"	"	"	"
5831	"	7"	F	" "	"	"	"	"	"
5832	"	10"	F	" "	"	"	"	"	"
5833	"	8 1/4"	M	" "	"	"	"	"	"
5834	"	7 3/4"	M	" "	"	"	"	"	"

Series IV

Tag No.	Species	Length	Sex	Stream	County	T.	R.	Sec.	Date 1930
9601	Brook	10"	M	Baker Creek	Lake	17N	12W	32	V:27
9602	"	7 1/2"	F	McDuffy Creek	Newaygo	15N	12W	6	V:28
9603	"	6 1/2"	F	" "	"	"	"	"	"
9604	"	7"	F	" "	"	"	"	"	"
9605	"	8"	F	" "	"	"	"	"	"
9606	"	6 3/4"	F	" "	"	"	"	"	"
9607	Rainbow	6 1/2"	F	" "	"	"	"	"	"
9608	Brook	8"	M	" "	"	"	"	"	"
9610	Brown	6"	M	" "	"	"	"	"	"
9611	Brook	9"	M	" "	"	"	"	"	"
9612	Brown	11 1/2"	M	" "	"	"	"	"	"
9613	Brook	9"	M	" "	"	"	"	"	"
9614	"	6"	M	" "	"	"	"	"	"
9615	"	9 1/2"	M	" "	"	"	"	"	"
9616	"	11"	M	" "	"	"	"	"	"
9618	"	9 1/2"	M	" "	"	"	"	"	"
9619	"	7"	M	" "	"	"	"	"	"
9620	"	7 1/2"	F	" "	"	"	"	"	"
9622	"	9"	F	" "	"	"	"	"	"
9623	"	9 1/2"	F	" "	"	"	"	"	"
9624	"	8"	M	" "	"	"	"	"	"
9625	"	6 3/4"	F	" "	"	"	"	"	"