

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

August 10, 1931

Report No. 82

TAGGING EXPERIMENT IN CHEBOYGAN COUNTY, OF ADULT FISH TRANSFERRED
TO INLAND WATERS

In connection with the transference of adult fish from Cheboygan River into the inland waters of the same system, undertaken on local initiative in 1931, two hundred fish were tagged with No. 3 tags (Nos. 12401 to 12644). A point of prime importance which can be learned through such tagging is the degree to which such fish will spread through an interior water system. If they spread widely then plantings may be satisfactorily restricted to few points of easy access. If they do not spread widely as a rule, then the plantings should be made at a larger number of points to insure an even dispersal over the interior waters planted.

If the fish merely put over the dam in the lower Cheboygan River can be shown to penetrate far into the lakes of the Cheboygan system, then the harmful effects of the inland fishing of an inefficient fish chute in the dam will be apparent.

Conservation Officer Weber, who was in charge of the transferring and tagging of these fish, reported personally in July that at least 5 of the tagged fish had been recaptured. He said that those who had taken the fish were requested to send in reports and had promised to do so. However, we have had no such reports to date. The only report we have in the newspapers account of one grass pike which in a short time swam from its point of release above the Cheboygan Dam through Cheboygan River, Mullet Lake, Indian River and Burt Lake to its northern end. Mr. Weber remembered that one other recaptured fish was No. 12633, a 20 inch wall-eye, released above the Cheboygan

Dam and taken by Harry Clune of Cheboygan in Mullet Lake near Harry Harper's cottage. Mr. Weber offered to check the reports and to let us know the details of the other recaptures, and to forward any information on further recaptures, even if incomplete.

Mr. Weber further informed us, that not all of the tagged fish were released above the Cheboygan Dam, that some went into the lower Black River and some into Mullet Lake. The point of release was by oversight not included in Mr. Weber's report on the tagging operations. He thought, however, that he could figure out from his planting and tagging reports at least approximately where the tagged fish were planted. This he offered to do also, so as to complete the tagging record. On August 9 the supplementary report was requested from Mr. Weber.

To date, not enough recaptures have been reported to warrant formulating any conclusions beyond this one: that at least some of the adult fish, grass pike and wall-eyes, transferred over a dam in the lower part of a big river system do go up into the interior lakes.

It is recommended that the experiment be repeated next year, if more fish are then transferred over the Cheboygan Dam. Mr. Weber is retaining the tagging pliers with this prospect in view, and can be furnished with tags from the Institute.

The accompanying tagging record is slightly rearranged from Mr. Weber's report, so as to have the record serial for convenience of reference.

Summary of fish tagged

Species	No. tagged	Tag nos.
Wall-eyed pike	215	12401-12414, 12417-12419, 12421-12457, 12459-12482, 12494-12508, 12512-12523, 12525-12549, 12551-12553, 12555-12558, 12561-12568, 12570, 12572-12583, 12585-12587, 12589-15591, 12593-12627, 12629-12644.
Grass pike	11	12415, 12416, 12420, 12458, 12509, 12524, 12550, 12554, 12584, 12588, 12592.
Rainbow trout	9	12486-12493, 12510

Summary of fish tagged
(continued)

Species	No. tagged	Tag nos.
Black bass	4	12511, 12559, 12560, 12571
Muskellunge	1	12569
Tags not used (presumably lost)	<u>4</u>	12483-12485, 12628
	235	

Tagging record of adult fish caught in lower Cheboygan River in Spring of 1931
and released just above Cheboygan Dam or farther up in the Cheboygan river system.

Tag No.	Species	Length	Date tagged	Place released
12401	Wall-eyed pike	14 in.	Apr. 12	
12402	" "	14 in.	Apr. 12	
12403	" "	14 in.	Apr. 12	
12404	" "	14 in.	Apr. 12	
12405	" "	14 in.	Apr. 12	
12406	" "	16 in.	Apr. 12	
12407	" "	14 in.	Apr. 12	
12408	" "	16 in.	Apr. 12	
12409	" "	14 in.	Apr. 12	
12410	" "	16 in.	Apr. 12	
12411	" "	14 in.	Apr. 12	
12412	" "	14 in.	Apr. 12	
12413	" "	14 in.	Apr. 12	
12414	" "	12 in.	Apr. 12	
12415	Grass pike	18 in.	Apr. 12	
12416	" "	18 in.	Apr. 12	
12417	Wall-eyed pike	14 in.	Apr. 12	
12418	" "	14 in.	Apr. 12	
12419	" "	14 in.	Apr. 12	
12420	Grass Pike	18 in.	Apr. 12	
12421	Wall-eyed pike	14 in.	Apr. 12	
12422	" "	14 in.	Apr. 12	
12423	" "	16 in.	Apr. 12	
12424	" "	16 in.	Apr. 12	
12425	" "	16 in.	Apr. 12	
12426	" "	15 in.	Apr. 12	
12427	" "	16 in.	Apr. 12	
12428	" "	14 in.	Apr. 12	
12429	" "	16 in.	Apr. 12	
12430	" "	15 in.	Apr. 12	
12431	" "	16 in.	Apr. 12	
12432	" "	16 in.	Apr. 19	
12433	" "	12 in.	Apr. 19	
12434	" "	16 in.	Apr. 19	
12435	" "	20 in.	Apr. 19	
12436	" "	14 in.	Apr. 19	
12437	" "	14 in.	Apr. 19	
12438	" "	16 in.	Apr. 19	
12439	" "	14 in.	Apr. 19	
12440	" "	12 in.	Apr. 19	
12441	" "	12 in.	Apr. 19	
12442	" "	14 in.	Apr. 19	
12443	" "	14 in.	Apr. 19	
12444	" "	12 in.	Apr. 19	
12445	" "	14 in.	Apr. 19	
12446	" "	12 in.	Apr. 19	
12447	" "	14 in.	Apr. 19	
12448	" "	12 in.	Apr. 19	
12449	" "	12 in.	Apr. 19	
12450	" "	12 in.	Apr. 19	

Tagging record of adult fish caught in lower Cheboygan River in Spring of 1931
and released just above Cheboygan Dam or farther up in the Cheboygan river system.

Tag No.	Species	Length	Date tagged	Place released
12451	Wall-eyed pike	12 in.	Apr. 19	
12452	" "	12 in.	Apr. 19	
12453	" "	12 in.	Apr. 19	
12454	" "	13 in.	Apr. 19	
12455	" "	14 in.	Apr. 19	
12456	" "	12 in.	Apr. 19	
12457	" "	12 in.	Apr. 19	
12458	Grass pike	24 in.	Apr. 19	
12459	Wall-eyed pike	12 in.	Apr. 19	
12460	" "	24 in.	Apr. 19	
12461	" "	14 in.	Apr. 19	
12462	" "	20 in.	Apr. 30	
12463	" "	20 in.	Apr. 30	
12464	" "	18 in.	Apr. 30	
12465	" "	16 in.	Apr. 30	
12467	" "	16 in.	Apr. 30	
12468	" "	14 in.	Apr. 30	
12469	" "	13 in.	Apr. 30	
12470	" "	14 in.	Apr. 30	
12471	" "	16 in.	Apr. 30	
12472	" "	14 in.	Apr. 30	
12473	" "	16 in.	Apr. 30	
12474	" "	15 in.	Apr. 30	
12475	" "	14 in.	Apr. 30	
12476	" "	14 in.	Apr. 30	
12477	" "	14 in.	Apr. 30	
12478	" "	16 in.	Apr. 30	
12479	" "	20 in.	Apr. 30	
12480	" "	20 in.	Apr. 30	
12482	" "	12 in.	Apr. 30	
12483	(Tags not used - presumably lost)			
12484	" "	" "	" "	
12485	" "	" "	" "	
12486	Rainbow trout	26 in.	May 8	
12487	" "	26 in.	May 8	
12488	" "	24 in.	May 8	
12489	" "	23 in.	May 8	
12490	" "	23 in.	May 8	
12491	" "	20 in.	May 8	
12492	" "	18 in.	May 8	
12493	" "	14 in.	May 8	
12494	Wall-eyed pike	16 in.	May 6	
12495	" "	17 in.	May 6	
12496	" "	15 in.	May 6	
12497	" "	17 in.	May 6	
12498	" "	16 in.	May 6	
12499	" "	15 in.	May 6	
12500	" "	16 in.	May 6	
12501	" "	18 in.	May 6	
12502	" "	16 in.	May 6	
12503	" "	16 in.	May 6	

Tagging record of adult fish caught in lower Cheboygan River in Spring of 1931
and released just above Cheboygan Dam or farther up in the Cheboygan river system.

Tag no.	Species	Length	Date tagged	Place released
12504	Wall-eyed pike	15 in.	May 6	
12505	" "	15 in.	May 6	
12506	" "	14 in.	May 6	
12507	" "	12 in.	May 6	
12508	" "	12 in.	May 6	
12509	Grass pike	16 in.	May 8	
12510	Rainbow trout	12 in.	May 8	
12511	Black Bass	14 in.	May 8	
12512	Wall-eyed pike	14 in.	May 6	
12513	" "	14 in.	May 6	
12514	" "	15 in.	May 6	
12515	" "	14 in.	May 6	
12516	" "	12 in.	May 6	
12517	" "	18 in.	May 6	
12518	" "	13 in.	May 6	
12519	" "	16 in.	May 6	
12520	" "	15 in.	May 6	
12521	" "	14 in.	May 6	
12522	" "	12 in.	May 6	
12523	" "	12 in.	May 6	
12524	Grass pike	13 in.	May 8	
12525	Wall-eyed pike	14 in.	May 6	
12526	" "	16 in.	May 6	
12527	" "	14 in.	May 6	
12528	" "	15 in.	May 6	
12529	" "	14 in.	May 6	
12530	" "	16 in.	Apr. 9	
12531	" "	12 in.	Apr. 9	
12532	" "	14 in.	Apr. 9	
12533	" "	10 in.	Apr. 9	
12534	" "	12 in.	Apr. 9	
12535	" "	10 in.	Apr. 9	
12536	" "	10 in.	Apr. 9	
12537	" "	12 in.	Apr. 9	
12538	" "	12 in.	Apr. 9	
12539	" "	10 in.	Apr. 9	
12540	" "	10 in.	Apr. 9	
12541	" "	10 in.	Apr. 9	
12542	" "	14 in.	Apr. 9	
12543	" "	12 in.	Apr. 9	
12544	" "	16 in.	Apr. 9	
12545	" "	8 in.	Apr. 9	
12546	" "	12 in.	Apr. 9	
12547	" "	20 in.	Apr. 9	
12548	" "	12 in.	Apr. 9	
12549	" "	16 in.	Apr. 9	
12550	Grass pike	16 in.	Apr. 9	
12551	Wall-eyed pike	18 in.	Apr. 9	
12552	" "	16 in.	Apr. 9	
12553	" "	18 in.	Apr. 9	
12554	Grass pike	18 in.	Apr. 9	
12555	Wall-eyed pike	10 in.	Apr. 9	
12556	" "	14 in.	Apr. 9	
12557	" "	16 in.	Apr. 9	

Tagging record of adult fish caught in lower Cheboygan River in Spring of 1931
and released just above Cheboygan Dam or farther up in the Cheboygan river system.

Tag no.	Species	Length	Date tagged	Place released
12558	Wall-eyed pike	17 in.	Apr. 9	
12559	Black bass	10 in.	Apr. 9	
12560	Black bass	10 in.	Apr. 9	
12561	Wall-eyed pike	20 in.	Apr. 9	
12562	" "	14 in.	Apr. 9	
12563	" "	14 in.	Apr. 9	
12564	" "	16 in.	Apr. 9	
12565	" "	18 in.	Apr. 9	
12566	" "	24 in.	Apr. 9	
12567	" "	16 in.	Apr. 9	
12568	" "	16 in.	Apr. 9	
12569	Muskellunge	18 in.	Apr. 9	
12570	Wall-eyed pike	12 in.	Apr. 9	
12571	Black bass	12 in.	Apr. 9	
12572	Wall-eyed pike	12 in.	Apr. 9	
12573	" "	14 in.	Apr. 9	
12574	" "	16 in.	Apr. 9	
12575	" "	12 in.	Apr. 10	
12576	" "	14 in.	Apr. 10	
12577	" "	16 in.	Apr. 10	
12578	" "	18 in.	Apr. 10	
12579	" "	16 in.	Apr. 10	
12580	" "	16 in.	Apr. 10	
12581	" "	15 in.	Apr. 10	
12582	" "	10 in.	Apr. 10	
12583	" "	10 in.	Apr. 10	
12584	Grass pike	26 in.	Apr. 10	
12585	Wall-eyed pike	10 in.	Apr. 10	
12586	" "	14 in.	Apr. 10	
12587	" "	16 in.	Apr. 10	
12588	Grass pike	24 in.	Apr. 10	
12589	Wall-eyed pike	10 in.	Apr. 10	
12590	" "	14 in.	Apr. 10	
12591	" "	10 in.	Apr. 10	
12592	Grass pike	18 in.	Apr. 10	
12593	Wall-eyed pike	10 in.	Apr. 10	
12594	" "	10 in.	Apr. 10	
12595	" "	12 in.	Apr. 10	
12596	" "	10 in.	Apr. 10	
12597	" "	18 in.	Apr. 10	
12598	" "	12 in.	Apr. 10	
12599	" "	14 in.	Apr. 10	
12600	" "	14 in.	Apr. 10	
12601	" "	17 in.	May 8	
12602	" "	16 in.	May 8	
12603	" "	17 in.	May 8	
12604	" "	18 in.	May 8	
12605	" "	20 in.	May 8	
12606	" "	17 in.	May 8	
12607	" "	16 in.	May 8	
12608	" "	17 in.	May 8	

Tagging record of adult fish caught in lower Cheboygan River in Spring of 1931
and released just above Cheboygan Dam or farther up in the Cheboygan river system

Tag no.	Species	Length	Date tagged	Place released
12609	Wall-eyed pike	18 in.	May 8	
12610	" "	18 in.	May 8	
12611	" "	18 in.	May 9	
12612	" "	16 in.	May 9	
12613	" "	16 in.	May 9	
12614	" "	17 in.	May 9	
12615	" "	18 in.	May 9	
12616	" "	17 in.	May 9	
12617	" "	19 in.	May 9	
12618	" "	18 in.	May 9	
12619	" "	16 in.	May 9	
12620	" "	19 in.	May 9	
12621	" "	20 in.	May 9	
12622	" "	18 in.	May 9	
12623	" "	18 in.	May 9	
12624	" "	16 in.	May 9	
12625	" "	18 in.	May 9	
12626	" "	14 in.	May 9	
12627	" "	14 in.	May 9	
12628	(Tag not used - presumably lost)			
12629	Wall-eyed pike	17 in.	May 9	
12630	" "	18 in.	May 9	
12631	" "	19 in.	May 9	
12632	" "	22 in.	May 9	
12633	" "	20 in.	May 9	
12634	" "	19 in.	May 9	
12635	" "	18 in.	May 9	
12636	" "	14 in.	May 9	
12637	" "	17 in.	May 9	
12638	" "	17 in.	May 12	
12639	" "	15 in.	May 12	
12640	" "	16 in.	May 12	
12641	" "	18 in.	May 12	
12642	" "	16 in.	May 12	
12643	" "	18 in.	May 12	
12644	" "	17 in.	May 12	