

Original: Fish Division  
cc: Kinne Creek Club (Mr. Idema)  
Mr. Ruhl

INSTITUTE FOR FISHERIES RESEARCH  
DIVISION OF FISHERIES  
MICHIGAN DEPARTMENT OF CONSERVATION  
COOPERATING WITH THE  
UNIVERSITY OF MICHIGAN



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DIRECTOR

May 29, 1939

ADDRESS  
UNIVERSITY MUSEUMS  
ANN ARBOR, MICHIGAN

REPORT NO. 536

EXPERIMENTAL PLANTING OF BROWN TROUT IN KINNE CREEK  
AND EXAMINATION OF THE STREAM TO DETERMINE NEED FOR FURTHER IMPROVEMENT

One thousand brown trout (Salmo trutta) were purchased by the Wingleton Club for stocking Kinne Creek from a commercial hatchery (Trout Brook Company) located in Hudson, Wisconsin. The fish were delivered on the morning of April 11, 1939, and transferred from the tank truck to live crates in the stream in the section to be planted.

The fish survived the transportation quite well, and on inspection by Messrs. Hazzard, Leonard, Shetter, and Pullman appeared to be free from gill lice and furunculosis as far as could be determined from external examination. Eighteen brown trout were killed and discarded because they were badly fungused externally, probably due to injury in netting and in transference. One brook trout included in the shipment was examined and found to be heavily infested with gill lice. It was destroyed.

The following figures sum up the number of trout tagged and planted in Section A (Cartier screen to Lower Dam). Distribution was effected over most of this section.

Legal brown trout tagged	- 994
Legal rainbow trout tagged	- 2
Legal brown trout released untagged	- 21
Legal trout killed because of fungus	- 18
Undersize brown trout released untagged	- 23
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Total trout in shipment	- 1058
Total trout planted	- 1040

The tagging was done by Walter Crowe and David S. Shetter of the Institute for Fisheries Research, assisted by Drs. Hazzard and Leonard. Planting was carried on by Jack Evans and another local man hired by the Club.

It is urged that all catch records, including lists of tagged fish as well as the unmarked fish taken in Kinne Creek, be recorded in a ledger kept in the ice-house. Such a record would be more accurate than tracing the fishing through the Register which is properly for the recording of the presence of guests and members.

A list of the tag numbers of the brown trout planted April 11, 1939 is appended.

Temperatures on April 11 were as follows: at 7:00 a.m. air temperature 24°F; water in stream 42°F; water in tank truck 38°F. Water was carried from the creek to gradually raise the temperature before transference to the live crates. The weather was rather wintry and snow fell late in the afternoon. Despite such conditions, there was a small hatch of midges in the early afternoon, while tagging was in progress.

The stream was cruised on April 12 and many trout fry from the 1938 fall spawning were noted in the shallow silt covered stream margins near the entrance of springs. Of these which could be captured for identification,

all appeared to be brook trout fry. They ranged in length from about 1 1/4 to 1 1/2 inches ~~in length~~ and seemed unusually wild and active. Large numbers were observed in Section C; smaller numbers in Sections B and A. It seems evident that natural spawning of brook trout in Kinne Creek last fall was reasonably successful. The presence of goodly numbers of brook trout fry in the upper two sections was especially encouraging, as it probably indicates that the large brook trout planted there during the past two years are reproducing.

#### Further Environmental Improvement Recommendations

In company with Messrs. Idema, Perkins, Whitworth and Pullman, Dr. Leonard and I looked over the lower section of Kinne Creek, also that part of the stream from the railroad to the road. Suggestions were made by Mr. Idema and concurred in by us that several pools be made more accessible to fishermen. This is considered desirable on a private stream as a fish management measure in order to increase the fishing and to discourage the presence of large brown trout.

The possibility of blasting out the dam at the lower end or cutting a new channel to the original stream bed around one side of the spillway was discussed. This is believed to be the only way by which the lower end of the stream can be restored to its natural condition. Removing the present head would cause the stream above the dam to cut a new channel down through the accumulated sand and silt. The revolving screen would then be placed lower downstream or might be set in the proposed cut in the dam at the level of the present stream bed below the dam. In case this is not done at present, some improvement of the stream at the head of the pond might be done by adding additional deflectors and covers. If the dam were cut through, this work would probably not be necessary, as the increased current would accelerate the digging action of the present structures.

It was agreed that the stream through the old Austin Pond showed marked improvement over its condition last summer. This resulted from repairs to the dikes and additional shelter and deflectors installed by Mr. Pullman and his crew. The mud flats are becoming grown over by grass and watercress but will not drain entirely due to the present level of the stream bed. Plantings of red osier, tag alder, willow and other water-loving shrubs and trees could be made on the mud flats exposed by the removal of the various dams on the stream. These would improve the appearance of the banks and would attract some insect life, some of which would drop on the water and augment the food supply.

Installation of several raft shelters in the power pond was suggested in order to furnish additional hiding places for trout. These should be placed at convenient casting distance from the existing platforms.

It is suggested that the members make note of parts of the stream which consistently fail to yield trout, and if upon comparing notes it is agreed that some stretches are not as productive as desirable, an intensive study of them will be made by the Institute to determine the cause and what may be necessary in the way of additional improvement.

INSTITUTE FOR FISHERIES RESEARCH

A. S. Hazzard  
Director



TAGGED BROWN TROUT PLANTED IN KINNE CREEK, APRIL 11, 1939  
 RELEASED FROM CARTIER SCREEN TO POLE BRIDGE ABOVE LOWER DAM

Tagged by Shetter and Crowe  
 Source of trout - Trout Brook Hatchery, Hudson, Wisconsin  
 Length in millimeters. One inch = 25.4 mm.

<u>Tag No.</u>	<u>Std. Length</u>	<u>Total Length</u>	<u>Tag No.</u>	<u>Std. Length</u>	<u>Total Length</u>
4601	183	217	4651	155	178
4602	177	210	4652	180	200
4603	175	208	4653	155	183
4604	180	217	4654	178	206
4605	159	190	4655	148	175
4606	155	185	4656	lost	lost
4607	168	200	4657	185	210
4608	148	179	4658	168	193
4609	179	213	4659	167	195 (Rainbow)
4610	149	179	4660	168	195
4611	170	203	4661	165	192
4612	176	208	4662	159	181
4613	154	185	4663	162	188
4614	155	186	4664	161	185
4615	162	194	4665	157	183
4616	165	200	4666	167	196
4617	155	186	4667	178	207
4618	170	204	4668	163	190
4619	174	205	4669	151	178
4620	176	210	4670	163	191
4621	207	243	4671	162	190
4622	187	221	4672	153	182
4623	152	183	4673	163	195
4624	165	200	4674	155	182
4625	170	200	4675	157	185
4626	185	220	4676	155	184
4627	155	185	4677	185	220
4628	166	199	4678	206	241
4629	160	194	4679	180	210
4630	170	202	4680	175	210
4631	160	192	4681	180	215
4632	158	188	4682	165	195
4633	155	187	4683	165	196
4634	156	186	4684	211	248
4635	148	179	4685	155	188
4636	165	198	4686	154	182
4637	160	190	4687	159	190
4638	150	183	4688	154	183
4639	155	187	4689	158	188
4640	175	207	4690	150	180
4641	160	193	4691	178	212
4642	155	185	4692	164	195
4643	160	191	4693	158	187
4644	175	208	4694	missing	missing
4645	167	198	4695	155	183
4646	163	195	4696	160	190
4647	158	190	4697	182	218
4648	177	207	4698	165	198
4649	160	192	4699	165	195
4650	152	183	4700	156	188

TAGGED BROWN TROUT PLANTED IN KINNE CREEK, APRIL 11, 1939  
 RELEASED FROM CARTIER SCREEN TO POLE BRIDGE ABOVE LOWER DAM

Tagged by Shetter and Crowe  
 Source of trout - Trout Brook Hatchery, Hudson, Wisconsin  
 Length in millimeters. One inch = 25.4 mm.

<u>Tag No.</u>	<u>Std. Length</u>	<u>Total Length</u>	<u>Tag No.</u>	<u>Std. Length</u>	<u>Total Length</u>
4701	165	195	4751	168	199
4702	150	181	4752	154	185
4703	165	198	4753	152	183
4704	166	199	4754	154	185
4705	172	205	4755	155	185
4706	155	187	4756	157	188
4707	162	194	4757	150	182
4708	168	200	4758	155	186
4709	175	207	4759	170	203
4710	150	179	4760	159	188
4711	171	201	4761	153	184
4712	165	195	4762	155	185
4713	155	185	4763	158	187
4714	150	178	4764	154	186
4715	160	190	4765	159	190
4716	161	195	4766	159	189
4717	163	192	4767	154	185
4718	156	188	4768	178	211
4719	158	189	4769	154	185
4720	165	200	4770	175	205
4721	165	198	4771	150	180
4722	165	198	4772	150	180
4723	187	225	4773	160	192
4724	150	180	4774	153	182
4725	147	178	4775	154	185
*4726	213	250	4776	167	196
4727	172	200	4777	156	186
4728	155	181	4778	155	185
4729	162	191	4779	173	205
4730	183	208	4780	190	225
4731	156	185	4781	160	191
4732	157	185	4782	170	203
4733	165	193	4783	155	187
4734	168	198	4784	153	183
4735	167	198	4785	158	190
4736	155	182	4786	170	204
4737	178	204	4787	164	195
4738	173	201	4788	165	195
4739	157	185	4789	170	202
4740	153	181	4790	170	202
4741	183	210	4791	150	181
4742	157	186	4792	160	191
4743	173	202	4793	180	218
4744	158	178	4794	150	180
4745	173	202	4795	165	196
4746	172	200	4796	165	196
4747	lost	lost	4797	178	210
4748	166	193	4798	170	202
4749	159	189	4799	158	187
4750	148	178	4800	162	195

\*Fish above 9 inches at time of tagging.

TAGGED BROWN TROUT PLANTED IN KINNE CREEK, APRIL 11, 1939  
RELEASED FROM CARTIER SCREEN TO POLE BRIDGE ABOVE LOTTER DAM

Tagged by Shetter and Crowe  
Source of trout - Trout Brook Hatchery, Hudson, Wisconsin  
Length in millimeters. One inch = 25.4 mm.

<u>Tag No.</u>	<u>Std. Length</u>	<u>Total Length</u>	<u>Tag No.</u>	<u>Std. Length</u>	<u>Total Length</u>
4801	157	179	4851	156	182
4802	168	198	4852	159	185
4803	159	182	4853	176	208
4804	162	195	4854	162	191
4805	172	205	4855	176	211
4806	183	211	4856	157	185
4807	152	178	4857	161	193
4808	163	193	4858	163	193
4809	175	207	4859	155	178
4810	172	203	4860	165	195
4811	158	183	4861	165	195
4812	168	193	4862	153	180
4813	165	192	4863	165	195
4814	170	203	4864	166	195
4815	172	200	4865	155	185
4816	151	178	4866	165	195
4817	159	182	4867	150	178
4818	160	188	4868	175	206
4819	155	181	4869	160	190
4820	157	183	4870	153	182
4821	165	197	4871	161	189
4822	155	180	4872	157	185
4823	175	205	4873	168	201
4824	156	185	4874	162	193
4825	157	183	4875	157	183
4826	163	192	4876	175	205
4827	152	181	4877	175	208
4828	164	193	4878	162	193
4829	187	225	4879	166	200
4830	156	188	4880	154	185
4831	180	215	4881	192	228
4832	155	187	4882	173	203
4833	150	180	4883	175	210
4834	162	194	4884	156	188
4835	159	191	4885	162	194
4836	183	219	4886	164	197
4837	170	203	4887	160	190
4838	160	190	4888	154	185
4839	161	192	4889	150	180
4840	162	195	4890	164	200
4841	153	184	4891	179	213
4842	148	178	4892	165	198
4843	156	186	4893	166	197
4844	158	183	4894	188	225
4845	148	179	4895	165	197
4846	160	190	4896	178	209
4847	155	185	4897	168	200
4848	167	197	4898	175	208
4849	158	188	4899	162	195
4850	158	188	4900	164	195



TAGGED BROWN TROUT PLANTED IN KINNE CREEK, APRIL 11, 1939  
RELEASED FROM CARTIER SCREEN TO POLE BRIDGE ABOVE LOWER DAM

Tagged by Shetter and Crowe  
Source of trout - Trout Brook Hatchery, Hudson, Wisconsin  
Length in millimeters. One inch = 25.4 mm.

<u>Tag No.</u>	<u>Std. Length</u>	<u>Total Length</u>	<u>Tag No.</u>	<u>Std. Length</u>	<u>Total Length</u>
4901	170	204	4951	159	182
4902	160	191	4952	200	230
4903	163	194	4953	157	181
4904	150	180	4954	178	210
4905	152	185	4955	170	201
4906	155	186	4956	152	180
4907	150	178	4957	185	215
4908	168	202	4958	165	196
4909	164	194	4959	155	182
4910	158	188	4960	183	210
4911	180	214	4961	173	205
4912	170	202	4962	176	209
4913	178	210	4963	155	185
4914	155	186	4964	161	191
4915	150	182	4965	174	202
4916	153	184	4966	176	205
4917	175	210	4967	169	197
4918	170	202	4968	160	190
4919	154	183	4969	188	217
4920	150	180	4970	161	193
4921	158	189	4971	183	215
4922	151	181	4972	161	190
4923	151	182	4973	176	208
4924	175	208	4974	175	203
4925	151	182	4975	155	181
4926	200	235	4976	160	190
4927	160	185	4977	158	188
4928	207	245	4978	165	195
4929	170	200	4979	151	183
4930	165	197	4980	160	190
4931	163	195	4981	156	187
4932	175	206	4982	165	195
4933	174	205	4983	160	190
4934	172	205	4984	167	198
4935	154	184	4985	165	198
4936	170	204	4986	163	195
4937	160	190	4987	164	195
4938	168	204	4988	154	184
4939	165	195	4989	163	200
4940	150	180	4990	160	190
4941	158	184	4991	173	205
4942	162	195	4992	150	180
4943	150	180	4993	150	179
4944	150	180	4994	160	190
4945	160	190	4995	158	188
4946	160	192	4996	152	181
4947	150	182	4997	173	205
4948	154	183	4998	153	183
4949	152	183	4999	163	194
4950	165	200	5000	150	181

TAGGED BROWN TROUT PLANTED IN KINNE CREEK, APRIL 11, 1939  
 RELEASED FROM CARTIER SCREEN TO POLE BRIDGE ABOVE LOWER DAM

Tagged by Shetter and Crowe  
 Source of trout - Trout Brook Hatchery, Hudson, Wisconsin  
 Length in millimeters. One inch = 25.4 mm.

<u>Tag No.</u>	<u>Std. Length</u>	<u>Total Length</u>	<u>Tag No.</u>	<u>Std. Length</u>	<u>Total Length</u>
5001	190	225	5051	166	195
5002	177	210	5052	157	187
5003	151	180	5053	155	189
5004	181	214	5054	160	191
5005	172	200	5055	152	183
5006	165	195	5056	157	190
5007	158	188	5057	153	184
5008	164	193	5058	163	183
5009	171	200	5059	149	181
5010	170	199	5060	163	195
5011	152	180	5061	165	197
5012	172	203	5062	180	213
5013	151	179	5063	155	185
5014	153	182	5064	155	186
5015	157	188	5065	150	180
5016	159	189	5066	150	180
5017	178	208	5067	158	188
5018	155	183	5068	167	200
5019	185	216	5069	160	190
5020	180	212	5070	155	185
5021	160	190	5071	184	220
5022	159	188	5072	150	178
5023	163	192	5073	158	189
5024	178	207	5074	170	203
5025	171	202	5075	167	200
5026	200	238	5076	166	197
5027	168	200	5077	162	193
5028	175	208	5078	169	202
5029	165	200	5079	150	180
5030	185	220	5080	153	182
5031	154	184	5081	171	202
5032	173	205	5082	172	203
5033	160	190	5083	152	180
5034	175	207	5084	158	190
5035	160	191	5085	178	210
5036	175	209	5086	170	200
5037	164	194	5087	156	187
5038	185	215	5088	170	202
5039	154	184	5089	181	217
5040	180	213	5090	168	196
5041	180	215	5091	155	187
5042	190	225	5092	150	180
5043	150	180	5093	156	186
5044	160	190	5094	155	185
5045	180	217	5095	153	181
5046	150	180	5096	180	210
5047	175	210	5097	158	188
5048	147	178	5098	170	200
5049	155	186	5099	162	192
5050	160	191	5100	160	191

TAGGED BROWN TROUT PLANTED IN KINNE CREEK, APRIL 11, 1939  
RELEASED FROM CARTIER SCREEN TO POLE BRIDGE ABOVE LOWER DAM

Tagged by Shetter and Crowe  
Source of trout - Trout Brook Hatchery, Hudson, Wisconsin  
Length in millimeters. One inch = 25.4 mm.

<u>Tag No.</u>	<u>Std. Length</u>	<u>Total Length</u>	<u>Tag No.</u>	<u>Std. Length</u>	<u>Total Length</u>
5101	156	184	5151	157	187
5102	157	185	5152	176	209
5103	157	184	5153	152	180
5104	157	186	5154	168	199
5105	178	210	5155	153	181
5106	172	198	5156	153	180
5107	190	225	5157	168	198
5108	177	207	5158	178	208
5109	183	215	5159	165	192
5110	178	207	5160	158	188
5111	158	184	5161	166	195
5112	153	181	5162	173	202
5113	163	192	5163	169	200
5114	155	184	5164	177	205
5115	169	200	5165	168	196
5116	155	183	5166	183	214
5117	175	206	5167	168	200
5118	163	195	5168	198	227
5119	165	194	5169	173	203
5120	193	227	5170	182	212
5121	165	195	5171	162	193
5122	159	187	5172	153	181
5123	168	198	5173	180	212
5124	183	214	5174	157	188
5125	170	200	5175	169	197
5126	155	185	5176	175	209
5127	152	183	5177	148	178
5128	170	203	5178	165	195
5129	158	182	5179	160	192
5130	155	187	5180	186	221
5131	157	188	5181	156	186
5132	160	190	5182	156	186
5133	180	213	5183	170	200
5134	155	184	5184	159	189
5135	163	194	5185	171	205
5136	160	190	5186	160	192
5137	177	210	5187	163	195
5138	170	202	5188	160	190
5139	185	218	5189	170	203
5140	163	195	5190	155	185
5141	155	183	5191	157	187
5142	165	195	5192	182	215
5143	160	190	5193	168	198
5144	165	198	5194	155	183
5145	165	194	5195	160	192
5146	155	187	5196	154	184
5147	155	186	5197	176	207
5148	155	188	5198	205	241
5149	162	192	5199	168	201
5150	155	187	5200	160	190

TAGGED BROWN TROUT PLANTED IN KINNE CREEK, APRIL 11, 1939  
 RELEASED FROM CARTIER SCREEN TO POLE BRIDGE ABOVE LOWER DAM

Tagged by Shetter and Crowe

Source of trout - Trout Brook Hatchery, Hudson, Wisconsin

Length in millimeters. One inch = 25.4 mm.

<u>Tag No.</u>	<u>Std. Length</u>	<u>Total Length</u>	<u>Tag No.</u>	<u>Std. Length</u>	<u>Total Length</u>
5201	150	179	5251	158	189
5202	162	194	5252	180	210
5203	175	207	5253	150	180
5204	198	232	5254	173	203
5205	162	192	5255	173	208
5206	165	198	5256	185	219
5207	162	193	5257	185	223
5208	163	194	5258	158	189
5209	165	197	5259	168	202
5210	162	193	5260	153	185
5211	149	180	5261	152	181
5212	175	206	5262	152	183
5213	150	180	5263	168	198
5214	- Lost		5264	185	220
5215	156	188	5265	195	232
5216	170	202	5266	155	185
5217	165	198	5267	150	182
5218	170	200	5268	162	194
5219	155	184	5269	164	195
5220	172	204	5270	174	210
5221	170	204	5271	173	204
5222	150	182	5272	182	215
5223	190	224	5273	168	200
5224	185	220	5274	165	195
5225	165	199	5275	160	188
5226	200	237	5276	168	200
5227	170	203	5277	170	202
5228	176	208	5278	152	183
5229	172	205	5279	160	190 -rainbow
5230	165	195	5280	172	207
5231	158	188	5281	160	192
5232	174	205	5282	185	220
5233	161	191	5283	168	200
5234	150	180	5284	168	200
5235	175	208	5285	160	192
5236	165	197	5286	162	194
5237	164	195	5287	155	186
5238	149	178	5288	175	210
5239	162	193	5289	170	203
5240	163	194	5290	168	199
5241	160	193	5291	168	199
5242	179	209	5292	160	189
5243	181	215	5293	150	180
5244	152	183	5294	160	190
5245	155	187	5295	160	193
5246	162	195	5296	182	215
5247	160	189	5297	153	182
5248	154	183	5298	164	195
5249	160	188	5299 -	175	206
5250	160	190	5300	170	205

TAGGED BROWN TROUT PLANTED IN KINNE CREEK, APRIL 11, 1939  
RELEASED FROM CARTIER SCREEN TO POLE BRIDGE ABOVE LOWER DAM

Tagged by Shetter and Crowe

Source of trout - Trout Brook Hatchery, Hudson, Wisconsin

Length in millimeters. One inch = 25.4 mm.

<u>Tag No.</u>	<u>Std. Length</u>	<u>Total Length</u>	<u>Tag No.</u>	<u>Std. Length</u>	<u>Total Length</u>
5301	156	186	5351	150	180
5302	165	199	5352	158	188
5303	160	191	5353	160	190
5304	154	185	5354	154	183
5305	162	193	5355	155	185
5306	156	187	5356	158	189
5307	165	197	5357	173	205
5308	155	185	5358	168	201
5309	166	198	5359	158	189
5310	157	188	5360	170	200
5311	158	187	5361	155	186
5312	153	182	5362	192	227
5313	160	191	5363	168	200
5314	158	189	5364	185	219
5315	154	184	5365	165	197
5316	162	195	5366	154	185
5317	154	183	5367	164	198
5318	152	183	5368	163	195
5319	154	183	5369	157	188
5320	158	190	5370	165	196
5321	193	228	5371	162	196
5322	151	184	5372	159	189
5323	162	193	5373	154	184
5324	170	202	5374	162	193
5325	168	200	5375	182	215
5326	168	194	5376	160	191
5327	155	185	5377	180	212
5328	167	199	5378	185	219
5329	160	197	5379	155	185
5330	154	183	5380	154	183
5331	160	190	5381	179	210
5332	149	178	5382	158	190
5333	168	200	5383	160	192
5334	150	180	5384	163	194
5335	160	192	5385	160	190
5336	170	202	5386	170	201
5337	170	202	5387	155	185
5338	160	190	5388	152	182
5339	172	205	5389	170	202
5340	187	220	5390	160	192
5341	159	188	5391	175	208
5342	154	183	5392	162	191
5343	152	180	5393	162	192
5344	173	205	5394	155	185
5345	158	190	5395	150	180
5346	160	192	5396	158	189
5347	148	178	5397	175	208
5348	160	192	5398	160	190
5349	158	188	5399	165	197
5350	168	200	5400	150	180

TAGGED BROWN TROUT PLANTED IN KINNE CREEK, APRIL 11, 1939  
RELEASED FROM CARTIER SCREEN TO POLE BRIDGE ABOVE LOWER DAM

Tagged by Shetter and Crowe  
Source of trout - Trout Brock Hatchery, Hudson, Wisconsin  
Length in millimeters. One inch = 25.4 mm.

<u>Tag No.</u>	<u>Std. Length</u>	<u>Total Length</u>	<u>Tag No.</u>	<u>Std. Length</u>	<u>Total Length</u>
5401	152	180	5451	157	185
5402	150	180	5452	178	210
5403	158	185	5453	158	188
5404	158	183	5454	153	180
5405	157	185	5455	155	183
5406	164	194	5456	153	180
5407	153	185	5457	152	181
5408	183	217	5458	159	189
5409	163	191	5459	163	190
5410	190	220	5460	158	181
5411	163	195	5461	169	197
5412	160	189	5462	170	200
5413	175	205	5463	162	192
5414	162	192	5464	157	186
5415	178	210	5465	176	209
5416	162	192	5466	187	220
5417	155	182	5467	197	228
5418	165	196	5468	170	198
5419	162	187	5469	158	187
5420	153	182	5470	157	185
5421	157	185	5471	173	203
5422	152	180	5472	156	184
5423	163	195	5473	161	192
5424	182	212	5474	182	218
5425	153	180	5475	166	196
5426	193	225	5476	156	182
5427	172	203	5477	168	197
5428	160	190	5478	165	195
5429	160	190	5479	157	185
5430	180	215	5480	163	192
5431	159	185	5481	170	200
5432	153	180	5482	162	190
5433	159	187	5483	172	201
5434	160	190	5484	173	204
5435	160	191	5485	160	190
5436	167	195	5486	155	181
5437	162	190	5487	172	202
5438	159	189	5488	158	185
5439	155	183	5489	165	195
5440	155	182	5490	167	194
5441	193	226	5491	170	200
5442	160	190	5492	164	194
5443	157	187	5493	150	180
5444	183	210	5494	160	191
5445	181	212	5495	154	182
5446	177	209	5496	178	210
5447	161	187	5497	168	198
5448	160	190	5498	158	190
5449	180	212	5499	154	182
5450	183	219	5500	178	208

TAGGED BROWN TROUT PLANTED IN KINNE CREEK, APRIL 11, 1939  
RELEASED FROM CARTIER SCREEN TO POLE BRIDGE ABOVE LOWER DAM

Tagged by Shetter and Crowe

Source of trout - Trout Brook Hatchery, Hudson, Wisconsin

Length in millimeters. One inch = 25.4 mm.

<u>Tag No.</u>	<u>Std. Length</u>	<u>Total Length</u>	<u>Tag No.</u>	<u>Std. Length</u>	<u>Total Length</u>
5501	178	210	5551	160	190
5502	163	192	5552	162	195
5503	162	190	5553	158	191
5504	163	194	5554	149	179
5505	152	180	5555	156	187
5506	162	191	5556	195	231
5507	150	180	5557	154	184
5508	170	198	5558	170	205
5509	151	180	5559	160	191
5510	158	190	5560	172	208
5511	205	243	5561	150	178
5512	160	188	5562	162	194
5513	175	208	5563	172	204
5514	162	194	5564	170	204
5515	158	187	5565	165	196
5516	158	185	5566	165	195
5517	163	195	5567	160	190
5518	162	191	5568	158	188
5519	178	210	5569	180	215
5520	182	212	5570	150	180
5521	178	212	5571	160	190
5522	170	201	5572	162	195
5523	192	225	5573	158	188
5524	172	203	5574	172	203
5525	150	180	5575	167	196
5526	178	213	5576	188	221
5527	160	190	5577	182	213
*5528	210	250	5578	168	199
5529	170	202	5579	167	194
5530	160	191	5580	162	191
5531	163	193	5581	159	190
5532	157	189	5582	163	192
5533	180	213	5583	173	203
5534	163	195	5584	175	207
5535	150	182	5585	163	192
5536	170	203	5586	190	222
5537	178	212	5587	183	212
5538	177	210	5588	170	195
5539	160	190	5589	202	235
5540	160	192	5590	195	226
5541	166	197	5591	165	196
5542	158	188	5592	179	207
5543	185	220	5593	178	203
5544	152	181	5594	165	196
5545	167	200	5595	178	210
5546	181	216	5596	155	183
5547	200	237	5597	166	194
5548	170	202	5598	177	204
5549	155	186	5599	160	188
5550	180	216	5600	165	195

TAGGED BROWN TROUT PLANTED IN KINNE CREEK, APRIL 11, 1939  
RELEASED FROM CARTIER SCREEN TO POLE BRIDGE ABOVE LOWER DAM

Tagged by Shetter and Crowe

Source of trout - Trout Brook Hatchery, Hudson, Wisconsin

Totals

Legal brown trout tagged	- 994
Legal rainbow trout tagged	- 2
Legal brown trout untagged	- 21
Sub-legal brown trout untagged	- 23
Legal trout killed because of fungus	- 18
Total in shipment	- 1058